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CLIMATOLOGICAL DATA

ARKANSAS

JANUARY 1957

Volume LXII No. 1



WEATHER SUMMARY

January was cold and rainy. Freezing drizzle and freezing rain caused heavy glaze damage.

Seasonal temperatures prevailed on January 1. The 2d was cold. Temperatures increased gradually from the 3d to the 9th. All stations except a few in the extreme northwest registered their highest temperatures for the month on the 9th. Monthly maximums over the northern two-thirds of the State were in the 70's except at a few mountain stations where the upper 60's were recorded. Temperatures over the south reached 80° or higher. The highest temperature for the State, 82°, occurred at Dumas 1, El Dorado Airport, Okay, Prescott, and Texarkana Airport on the 9th. A polar front crossed the State late on the 9th. Arctic air poured into the State on the 10th and 11th. Temperatures rose to near seasonal on the 13th and 14th before another polar front moved southward across Arkansas. The surge of Arctic air which then flowed into the State brought the coldest weather of the month. All stations registered their lowest temperatures for the month on the 16th or 17th. Monthly minimums were below 10° at most northern stations and over several west central counties. The temperatures at a few stations dropped below 5°. Temperatures dropped to freezing or lower each morning until the 19th. Southerly winds brought warmer air on the 19th and the period 20th to 22d was quite mild. A few stations in the extreme northwest registered their highest temperatures for the month on the 21st. The next cold wave moved southeastward across the State on the 22d and cold weather continued to the end of the month. Monthly mean temperatures ranged from below 36.0° over the northern counties to 46.1° at Crossett. Monthly mean temperatures were below the long-term means at all stations. The temperature departures averaged slightly greater over the extreme northern counties than over other parts of the State.

Some beneficial rains fell on the 4th. Except for those rains, little precipitation of importance fell during the first nineteen days of January. Texarkana received rain every day from the 19th to the end of the month. Other stations received rain on almost every day during that period. Rains were especially heavy on the 22d and 28th. The greatest daily total, 4.10 inches, fell at Texarkana on the 31st. Monthly

totals were less than four inches at numerous stations in the northwest and the extreme north central part of Arkansas and exceeded eight inches over a long narrow band extending from Langley to Bradford, over several southeastern counties, and in the Blytheville vicinity. January precipitation exceeded the long-term means at almost all stations. It was the first month since February 1956 that there was a substantial excess in rainfall. Snow flurries occurred at many stations throughout the State but the only snowfall of importance was along the northern boundary. The greatest amount, 2.5 inches, fell at Flippin Airport.

The rains replenished the topsoil moisture. Poorly-drained soils became too wet. Ponds and lakes in the southern and central portions were filled. Minor flooding occurred along the Ouachita and Little Red Rivers. Winter grains made satisfactory progress although they sustained some freeze damage. Pastures were excellent but were too wet for grazing. Vegetables made good growth. The rains halted outdoor work.

STORMS

On the evening of the 21st, lightning destroyed a barn and damaged power and communication lines in Polk County. Thunderstorms and tornadoes on the 22d damaged or destroyed houses, barns, and other buildings, killed farm animals, and damaged power and communication lines in Johnson, Madison, Hot Spring, Craighead, and Ashley Counties. From the 26th to 28th, widespread freezing rain over the northern half of the State caused extensive damage to trees, shrubs, and power and communication lines and less extensive damage to buildings. It was the most severe ice storm in years over the northeast quarter of Arkansas. The damage to trees was staggering. Fallen trees blocked the streets in some cities. Power and communication failures lasted several hours in some communities and one or more days in others. Many automobile accidents occurred on glazed highways. Some of the accidents involved several vehicles. Several deaths and injuries resulted from the traffic accidents.

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SUPPLEMENTAL DATA

ARKANSAS
JANUARY 1957

Station	Wind direction		Wind speed m. p. h.			Relative humidity averages - percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over			Total
FORT SMITH WB AIRPORT	ENE	28	9.1	28	E	22	75	81	67	70	4	5	3	2	0	16	24	8.5
LITTLE ROCK WB AIRPORT	NE	12	10.0	32	W	9	76	79	66	70	8	3	3	5	1	0	20	8.2
TEXARKANA WB AIRPORT	NE	-	8.9	-	-	-	-	82	-	-	4	4	5	3	0	1	17	-

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature										Precipitation										
	Average Maximum	Average Minimum	Average	Departure from Long- Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days		Total	Departure from Long- Term Mean	Greatest Day	Date	Snow, Sleet		No. of Days			
										90° or Above	32° or Below					Total	Max. Depth on Ground	Date	10 or More	50 or More 1.00 or More	
NORTHWEST DIVISION																					
BENTONVILLE	43.0	23.7	33.4		70	21	5	16	972	0	6	25	0	4.16		2.38	22	0.0		5	2
EUREKA SPRINGS	45.4	24.8	35.1	- 3.9	71	21	4	16	921	0	7	24	0	4.55	1.61	2.51	22	T	0	9	1
FAYETTEVILLE	45.4	26.1	35.8		70	21	7	16	900	0	4	22	0	3.10	1.33	2.22	T		22	6	1
FAYETTEVILLE CAA AP	45.0	25.2	35.1		71	9	8	16	921	0	6	24	0	3.29	0.88	2.22	T	T	26	7	2
FAYETTEVILLE EXP STA	45.4	24.9	35.2	- 3.3	70	21	6	16	915	0	4	25	0	3.70	2.04	2.22	0.2			6	1
GRAVETTE	43.8	23.2	33.2	- 4.0	72	21	9	16	980	0	6	25	0	2.27	0.79	1.48	22	0.2		4	2
HARRISON	46.4	23.6	35.0	- 3.4	76	9	4	16	922	0	4	28	0	2.59	0.70	2.22	1.0			6	1
LEAO HILL	45.5	24.7	35.1	- 2.3	76	9	8	16	916	0	4	26	0							4	2
ROGERS	44.6	24.9	34.8	- 3.6	71	21	6	16	932	0	4	25	0	5.34	2.65	3.65	22	T		5	2
SILOAM SPRINGS	45.0	24.8	34.9		72	21	6	16	923	0	4	24	0	2.60	1.25	2.22	T	T	11+	5	2
DIVISION			34.8	- 3.3									3.62	0.82		0.2					
NORTH CENTRAL DIVISION																					
FLIPPIN CAA AP	44.0	25.1	34.6		76	9	9	16	936	0	7	27	0	2.71	0.96	2.22	2.5	T	11+	5	1
GILBERT	49.0	25.3	37.2		76	9	4	17	855	0	2	25	0	2.28	0.79	2.28	T	0		6	1
MANMOUTH SPRING	45.3	23.7	34.5	- 3.7	78	9	5	17	936	0	3	27	0	3.78	1.29	2.22	1.0	T	11	6	2
MARSHALL	46.5M	26.1M	36.3M		75	9	8	16	885	0	5	26	0	2.74	0.95	2.28	0.0	0		6	2
MOUNTAIN HOME	44.4	25.5	35.0	- 3.7	74	9	7	16	925	0	7	27	0	2.42	0.75	2.22	T	0		7	1
MOUNTAIN HOME C OF ENG AM	43.9	23.7	33.8		75	10	7	16+	958	0	7	28	0	2.64	0.50	2.28	0.1	0		7	1
DIVISION			35.2	- 3.5									2.76	- 0.70		0.6					
NORTHEAST DIVISION																					
BALO KNOB	48.0	29.0	38.5		73	9	10	17	816	0	1	22	0	8.31	3.07	2.22	0.0	0		7	6
BATESVILLE LIVESTOCK AM	47.2	18.4	32.8		75	10	2	17	987	0	2	30	0	6.07	2.40	2.22	0.5	0		8	3
BATESVILLE L AND O NO 1	47.4	26.8	37.1		75	9	6	17	859	0	2	26	0	6.01	1.78	2.22	T	T	11	8	4
BLYTHEVILLE	46.0	28.9	37.5	- 3.0	72	9	10	16+	846	0	3	24	0	8.97	3.50	2.76	2.8	0.0	0	12	6
CORNING	44.0	26.0	35.0	- 4.2	73	9	8	16	920	0	4	25	0	6.84	2.38	2.95	2.2	0.0		8	4
JDNESBORO	47.0	29.6	38.3	- 2.5	72	9	13	16+	817	0	3	22	0	7.03	1.92	2.89	2.8	T	0	10	4
MARKED TREE	46.7	29.5	38.1	- 1.5	72	9	9	17	827	0	4	23	0	7.98	2.31	2.20	2.9	T	0	12	5
NEWPORT	47.9	29.8	38.9	- 2.8	74	9	11	16	805	0	1	22	0	7.07	2.04	2.35	2.8	0.6	0	8	5
PARAGOULD	44.7M	27.0M	35.9M		70	9	10	16+	898	0	4	0	0	6.81			0.0				
POCAHONTAS 1	45.6	26.5	36.1	- 3.7	76	9	8	17	891	0	4	25	0	6.86	2.54	2.79	2.2	0.2	0	8	4
SEARCY	48.4	30.5	39.5	- 2.5	75	9	12	17	782	0	1	20	0	8.78	3.57	2.89	2.2	0.0	0	9	4
WALNUT RIDGE CAA AP	42.3	26.9	34.6		75	9	11	16+	936	0	7	27	0	7.25	3.32	2.22	0.5	0		7	4
WILSDN	47.5	30.6	39.1		72	9	10	17	796	0	3	19	0	6.47	1.72	2.3	0.0	0		5	5
DIVISION			37.0	- 3.5									7.27	2.30		0.1					
WEST CENTRAL DIVISION																					
BOONEVILLE	50.2	30.9	40.6	- 1.6	81	9	9	17	758	0	1	21	0	3.54	- 0.11	0.97	28	0.0	0	9	3
CAMP CHAFFEE AM	48.4	27.4M	37.9M		80	10	12	17	844	0	1	0	0	2.97	1.00	2.22	T	0		7	2
CLARKSVILLE	49.5	29.7	39.6		79	9	8	17	781	0	0	20	0	4.02	1.20	2.22	T	0		6	2
DAROWELLE	49.5	31.3	40.4	- 2.2	78	9	12	17	756	0	0	19	0	6.32	1.96	2.56	2.2	0.0	0	9	4
DEVILS KNOB	43.9	25.2	34.6		70	9	4	16	934	0	5	26	0	3.59	0.92	2.28	1.0	1	20+	6	3
FORT SMITH WB AP	46.8	25.9	38.4	- 1.6	78	9	14	17	818	0	2	20	0	3.13	0.24	0.81	27	T	T	10+	7
FT SMITH WATER PLANT	47.9	28.3	38.1		73	9	4	17	825	0	1	19	0	3.67	1.44	2.22	0.0	0			1
GRANNIS	50.5	32.3	41.4	- 1.2	76	9	8	17	727	0	1	14	0	6.83	1.93	2.15	2.2	0.0	0		
MEVA	48.8	31.5	40.2	- 2.4	75	9	9	17	765	0	1	18	0	6.60	1.80	1.85	2.2	T	0	10	5
MOUNT MAGAZINE	42.2M	23.8M	33.0M		69	9	5	17	982	0	6	27	0	5.11	2.60	2.22	0.0	0		7	3
OZARK	49.5M	31.0M	40.3M	- 0.4	80	9	10	17	762	0	1	0	0	2.92	- 0.80	0.97	2.8	0.0	0	8	2
PARIS	49.6	30.8	40.2		80	9	11	17	767	0	0	18	0	3.82			T				
RUSSELLVILLE	49.7	31.1	40.4		78	9	13	17	759	0	0	18	0	5.93	3.42	2.22	0.0	0		7	3
SUBIACO	50.0	30.6	40.3	- 1.6	78	9	11	17	762	0	0	17	0	3.98	0.10	1.16	2.2	0.0	0	6	2
TURNPIKE	42.6M	26.3M	34.5M		69	9	5	16	942	0	23	0	0	4.55	1.77	2.22	1.0	0		7	3
WALORON	51.8	31.1	41.5		79	9	9	17	727	0	1	20	0	4.53	2.40	2.22	T	0		6	2
WHITE ROCK	43.1	26.0	34.6		67	9	3	16	937	0	7	23	0	4.42	2.00	2.22	T			7	2
DIVISION			38.6	- 2.4									4.47	0.42		0.1					
CENTRAL DIVISION																					
ALUM FORK	49.4	30.4	39.9		73	9	8	17	769	0	0	17	0	11.29	3.78	2.22	0.0	0		8	6
BENTON	50.2	31.0	40.6		78	9	10	17	750	0	0	20	0	5.86	0.98	2.22	T	0		10	5
BLAKELY MOUNTAIN DAM AM	49.8	28.6M	39.2M		76	10	9	17	797	0	1	20	0	8.27	3.25	2.22	0.0	0		8	2
CONWAY	49.5	31.0	40.3	- 2.8	77	9	11	17	762	0	0	20	0	7.28	2.41	2.17	2.22	T	0	9	5
HOT SPRINGS 1 NNE	50.3	32.8	41.6	- 3.1	76	9	15	17	723	0	0	18	0	7.37	1.91	2.37	2.2	0.0	0	8	6
LITTLE ROCK WB AP	47.6	32.0	39.8	- 2.0	77	9	12	17	773	0	1	17	0	5.95	0.83	1.94	2.7	T	0	9	6
MALVERN	41.5M	31.6	41.6M		79	9	10	17	709	0	0	18	0	6.10	1.45	2.22	0.0	0		9	5
MORRILTON	49.3	31.1	40.2	- 1.4	76	9	13	17	761	0	0	20	0	5.95	1.59	1.71	2.8	0.0	0	9	3
NIMROO DAM	50.4	27.2M	38.8M		79	10	7	17	807	0	1	25	0	4.85	1.40	2.22	T	0		9	3
PERRYVILLE	50.3																				

CLIMATOLOGICAL DATA

ARKANSAS
JANUARY 1957

TABLE 2 - CONTINUED

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	10 or More	150 or More	
										80° or Above	32° or Below	32° or Below	0° or Below										
EAST CENTRAL DIVISION																							
BRINKLEY	50.1M	28.9M	39.5M	- 3.7	75	9	10	17	793	0	2	0	0	6.14	0.49	1.30	28	0.0	0		6	6	4
DES ARC	47.6	29.4	38.5		75	10	13	17	817	0	3	23	0	7.98		2.10	29	0.0	0		11	5	2
HELENA	50.1	32.6	41.4	- 2.6	77	9	13	17	727	0	2	18	0	7.23	0.83	1.20	5	T	0		11	7	2
KEO	49.5	31.6	40.6		79	9	12	17	755	0	0	19	0	7.00		1.43	27	T	0		7	6	3
MARIANNA 2 S	49.3	31.1	40.2	- 2.8	76	9	13	17	765	0	2	21	0	8.95	3.24	2.15	22	T	0		7	5	4
SAINTE CHARLES	49.2	30.0	39.6		79	10	13	17	776	0	3	23	0	8.17		2.61	22	T	0		11	6	2
STUTTIGART	50.6	33.3	42.0	- 2.2	78	9	15	17	709	0	2	16	0	7.05	0.95	1.28	28	0.0	0		12	7	1
STUTTIGART 9 ESE	47.3	28.8	38.1		76	10	12	17	829	0	3	24	0	6.86		1.00	29	0.0	0		12	7	1
WYNNE	46.9M	29.1M	38.0M		72	9	8	17	830	0	3	22	0	7.94		1.74	22	0.0	0		8	6	3
DIVISION			39.8	- 3.4										7.48	1.66			T					
SOUTHWEST DIVISION																							
ASHDOWN	51.2M	34.7M	43.0M				12	17	676	0	0	12	0	4.44		1.40	22	0.0	0		6	4	2
DE QUEEN	51.7	32.5	42.1		81	9	8	17	704	0	1	12	0	7.82		2.30	22	0.0	0		10	6	3
HOPE 3 NE	50.8	30.7M	40.8M	- 3.5	81	10	13	17+	754	0	1	22	0	5.55	0.11	1.12	4	T	0		9	6	2
MOUNT IDA	50.1M	29.9M	40.0M	- 1.7	80	10	6	17	769	0	1	17	0	7.50	2.79	1.77	28	0.0	0		8	6	1
NARROWS DAM	51.4	29.8	40.6		80	10	8	17	750	0	1	19	0	6.87		2.60	22	0.0	0		8	6	1
NASHVILLE PEACH SUBSTA	49.5	31.6	40.6		79	10	12	18	750	0	1	17	0	5.03		0.98	22	T	0	20	8	5	0
OKAY	54.1	34.5	44.3	- 2.1	82	9	13	17	633	0	0	12	0	4.86	0.14	1.30	22	0.0	0		7	4	2
TEXARKANA WB AP	R // 51.0	35.8	43.4	- 2.5	82	9	15	17	665	0	0	11	0	7.67	2.55	4.10	31	T	T	19	9	4	1
DIVISION			41.9	- 2.1										6.22	1.53			T					
SOUTH CENTRAL DIVISION																							
ARKADELPHIA	52.2	33.8	43.0		80	9	12	17	679	0	0	16	0	7.11	1.59	2.50	31	0.0	0		13	5	2
CAMDEN 1	51.4	32.1	41.8	- 3.4	81	10	14	17+	714	0	0	17	0	4.42	- 0.77	1.00	29	0.0	0		11	3	1
EL DORADO CAA AP	52.4	35.8	44.1	- 3.0	82	9	13	17	649	0	0	11	0	7.86	2.17	2.05	4	T	0		13	5	3
FORDYCE 6 W																							
MAGNOLIA 3 N	54.0	35.8	44.9	- 3.1	80	9	13	17	622	0	0	10	0	3.95	- 0.93	0.71	4	0.0	0		10	3	0
PRESCOTT	50.5	28.8M	39.7M	- 5.7	82	10	10	17+	789	0	1	18	0	5.84	0.17	1.03	22	T	0		11	5	2
WARREN	53.0	35.3	44.2	- 2.3	81	9	14	17	647	0	0	12	0	6.64		1.46	4	T	0		11	4	4
DIVISION			43.0	- 2.5										5.97	0.64			T					
SOUTHEAST DIVISION																							
CROSSETT 7 S	55.1M	37.1	46.1M	- 0.6	80	9	13	17	592	0	0	9	0	7.20	0.71	2.34	4	T	0		11	5	2
CUMMINS FARM	51.1M	30.8M	41.0M				12	17	737	0	2	19	0	9.26		2.32	4	0.0	0		10	6	4
OUZAS 1	52.4	34.6	43.5	- 2.3	82	9	14	17	664	0	0	13	0	8.39	2.71	2.05	31	T	0		10	5	3
MONTECELLO 3 S	54.3	34.9M	44.6M		80	9	11	17	631	0	1	12	0	9.12		2.56	4	0.0	0		10	7	3
PINE BLUFF	51.2	34.3	42.8	- 2.7	81	9	14	17	688	0	0	14	0	7.46	1.66	0.88	30	T	0		12	9	0
PINE BLUFF CAA AP	49.5	32.8	41.2		81	9	13	17	733	0	2	13	0	11.59		3.11	31	T	0		11	7	3
PORTLAND	51.2	33.4	42.3	- 4.5	78	10	16	17+	697	0	2	14	0	7.11	1.14	1.50	4	0.0	0		11	5	3
DIVISION			43.1	- 2.9										8.59	2.70			T					

Table 5

DAILY TEMPERATURES

ARKANSAS
JANUARY 1957

Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ALUM FORK	MAX MIN	61 39	47 22	51 28	48 41	50 37	50 34	52 36	60 33	73 55	71 21	45 29	57 24	54 35	40 23	34 22	33 17	40 8	48 23	50 21	48 34	63 42	65 43	45 23	38 28	50 33	45 30	33 30	42 33	59 38	40 29	40 31	49.4 30.4
ARKADELPHIA	MAX MIN	60 44	50 26	52 31	50 41	49 40	48 35	54 30	70 37	80 58	73 26	40 31	58 28	58 37	57 31	39 27	37 24	42 12	50 26	54 20	62 41	67 51	67 47	48 28	38 31	49 36	47 33	37 36	44 34	50 43	45 34	42 34	52.2 33.8
ASHDOWN	MAX MIN	62 45	55 29	46 35	57 42	57 41	56 42	52 26						56 43	54 36	42 31	38 23	43 12	50 27	50 20	55 41	67 54	67 42	50 27	40 33	46 36	45 36	45 30	45 34	56 44	52 36	44 36	51.2 34.7
BALO KNOB	MAX MIN	55 36	44 20	52 25	50 40	54 34	48 35	52 26	60 27	73 52	71 22	38 28	52 21	48 30	38 21	33 23	32 16	38 10	45 17	51 17	46 36	64 44	67 53	53 26	37 36	48 34	45 30	33 29	37 30	45 37	39 30	36 31	48.0 29.0
BATESVILLE LIVESTOCK	MAX MIN	64 29	51 11	37 10	53 20	52 25	52 24	49 27	47 24	62 62	75 13	41 12	40 15	54 15	50 15	27 14	33 7	23 2	40 5	49 10	53 24	59 32	62 31	64 15	64 17	36 30	45 30	33 20	33 20	42 20	40 20	33 23	47.2 18.4
BATESVILLE L AND D NO 1	MAX MIN	50 31	45 16	52 23	49 40	52 32	49 27	49 24	60 26	75 58	72 19	40 26	53 20	48 26	36 20	33 22	32 10	40 6	48 11	51 16	47 36	63 45	65 45	45 22	36 26	46 34	45 27	32 29	36 30	44 32	38 28	41 30	47.4 26.8
BENTON	MAX MIN	55 39	48 24	54 31	50 42	52 38	47 32	55 26	64 33	78 56	72 25	40 30	54 23	54 31	47 27	35 24	35 20	42 18	50 17	53 17	50 38	68 47	68 59	39 26	38 30	52 35	45 33	35 31	45 32	49 40	42 31	41 32	50.2 31.0
BENTONVILLE	MAX MIN	45 27	44 20	52 33	44 35	50 31	44 37	47 24	64 35	44 20	47 7	64 20	43 27	42 24	28 17	43 19	21 5	35 10	46 16	42 22	51 35	70 39	63 22	33 13	45 27	39 22	45 17	29 22	44 28	44 27	33 26	38 27	43.0 23.7
BLAKELY MOUNTAIN OAM	MAX MIN	68 31	55 16	40 23	53 40	49 32	51 27	51 33	64 44	65 52	76 22	42 22	41 44	60 25	57 28	36 27	37 22	43 9	52 19	50 21	59 40	67 47	68 27	63 27	40 33	51 35	37 32	40 33	51 35	50 32	40 32	49.8 28.6	
BLYTHEVILLE	MAX MIN	50 30	37 15	49 25	47 38	42 30	42 30	47 32	57 31	72 49	68 25	47 26	48 25	45 28	30 16	28 23	27 10	36 10	41 19	53 29	46 37	63 47	65 56	62 25	37 28	48 34	45 28	33 29	42 31	47 34	35 28	38 30	46.0 28.9
BOONEVILLE	MAX MIN	56 35	44 27	60 32	53 41	54 40	49 43	58 32	72 41	81 63	64 16	46 28	49 24	53 29	30 27	35 20	32 17	36 9	50 18	53 22	52 39	73 46	53 29	47 23	45 27	42 26	34 30	35 31	44 33	45 36	38 32	42 32	50.2 30.9
BRINKLEY	MAX MIN	61 37	45 20	53 26	50 40	49 30		53 26	60 29	75 55	73 22	39 27	55 22	54 30	43 20	31 22	31 16	38 10	45 19	52 23	66 36	67 59	67 25	37 28	50 32	49 30	40 29	42 31	50 29	40 27	39 31	50.1 28.9	
CAMDEN 1	MAX MIN	77 30	58 27	44 27	50 34	56 40	46 40	50 33	73 49	81 33	45 30	42 30	56 31	54 31	38 28	24 31	33 14	44 14	52 20	53 22	63 46	71 61	70 29	40 32	46 40	46 34	34 34	38 34	51 35	54 34	42 35	51.4 32.1	
CAMP CHAFFEE	MAX MIN	65 31	58 25	40 31	56 32	48 40	52 42	49 32	55 33	72 45	80 15	33 22	51 26	54 26	50 28	34 28	35 15	24 26	42 28	51 18	51 20	63 32	73 42	56 22	36 23	44 30	42 30	33 30	36 31	43 35	40 33	35 34	48.4 27.4
CLARKSVILLE	MAX MIN	59 37	57 24	53 30	51 41	54 39	49 39	51 28	64 38	79 50	50 18	52 28	53 23	45 23	36 24	33 28	33 15	42 8	48 18	51 20	46 34	68 44	64 35	36 23	48 28	30 30	29 29	30 30	44 32	45 39	41 32	33 33	49.5 29.7
CONWAY	MAX MIN	60 40	49 23	53 31	51 41	52 38	35 35	54 33	61 35	77 53	71 21	38 30	56 25	54 30	45 25	35 23	33 17	40 11	47 22	52 19	50 37	66 46	66 42	42 26	38 30	48 31	45 31	35 31	42 32	47 40	40 32	40 31	49.5 31.0
CORNING	MAX MIN	58 34	42 17	48 23	49 34	43 28	43 29	46 31	51 31	73 46	56 20	37 24	47 21	41 28	30 13	29 20	27 8	37 10	44 16	52 21	45 34	62 47	62 40	40 21	37 25	47 28	42 24	32 25	34 26	37 32	36 27	37 29	44.0 26.0
CROSSETT 7 S	MAX MIN	71 45	55 25	47 29	56 42	54 41	48 40	56 35	68 37	80 65	76 35	48 28	55 40	55 49	35 34	34 20	34 26	41 13	48 18	54 20	65 40	68 58	70 62	65 34	48 34	48 37	47 36	41 37	39 39	50 49	48 36	39 33	55.1 37.1
CUMMINS FARM	MAX MIN	58 38	47 23	52 29	53 40	52 34	48 35	53 32	72 37	72 55	74 25	38 27	60 29	57 32	54 25	31 24	31 21	40 12	46 21	51 23	57 39	60 41	69 51	64 26	37 29	47 34	46 32	31 31	49 32	64 40	43 30	43 33	51.1 30.8
DARONELLE	MAX MIN	56 39	45 25	55 30	50 41	53 40	39 39	55 32	67 37	78 57	71 21	41 30	55 25	48 31	47 26	36 26	33 18	41 12	50 21	53 20	46 34	65 46	65 43	45 29	41 35	49 29	43 31	35 32	40 34	48 39	40 32	33 33	49.5 31.3
DE QUEEN	MAX MIN	62 40	53 30	47 33	54 40	51 39	49 39	56 26	74 41	81 52	71 24	41 31	58 27	56 34	52 35	40 31	31 21	45 16	53 16	48 21	50 35	65 44	66 38	41 25	41 31	49 35	45 35	38 35	44 34	54 35	43 34	45 36	51.7 32.5
OES ARC	MAX MIN	63 37	50 22	48 24	52 34	48 33	50 33	47 29	54 32	65 46	75 24	47 24	48 24	54 28	45 23	29 23	32 18	25 13	48 17	46 24	53 29	60 40	68 60	35 26	31 26	30 32	36 30	30 30	34 31	49 34	43 31	39 31	47.6 29.4
DEVILS KNOB	MAX MIN	50 31	41 18	48 23	44 33	49 32	42 34	48 30	58 34	70 55	65 8	40 23	53 28	46 39	39 15	21 4	23 9	36 5	45 16	50 31	57 28	65 45	58 35	35 28	33 20	37 25	30 31	32 23	44 28	49 29	31 24	37 28	43.9 25.2
OUMAS 1	MAX MIN	55 39	45 24	53 29	52 43	49 36	48 38	55 37	64 36	82 59	72 28	40 28	60 31	60 49	55 27	36 24	36 22	40 13	42 23	52 24	60 44	70 54	69 61	62 29	39 36	48 36	45 34	38 34	51 35	62 43	42 36	43 36	52.4 34.6
EL DORADO CAA AP	MAX MIN	57 36	46 26	45 33	67 45	47 41	54 41	56 33	73 45	82 63	63 32	46 28	58 39	45 45	45 32	38 28	25 13	41 23	50 23	52 20	65 45	70 58	70 35	37 31	39 34	45 38	44 35	44 34	37 37	42 42	37 37	42 35	52.4 35.8
EUREKA SPRINGS	MAX MIN	50 32	45 18	54 34	48 35	51 33	47 30	43 26	63 37	70 47	48 8	47 21	56 23	48 32	35 15	30 18	24 4	10 18	46 33	49 33	50 33	71 44	66 35	31 33	42 44	41 25	26 15	21 21	47 28	48 25	32 25	39 31	45.4 24.8
FAYETTEVILLE	MAX MIN	48 33	44 22	52 33	47 35	50 41	44 38	52 33	66 45	69 63	39 32	45 28	56 39	47 45	35 32	31 28	22 9	36 11	46 17	45 31	53 44	63 46	63 31	43 15	43 29	37 25	29 19	25 25	48 30	50 28	27 26	33 33	45.4 26.1
FAYETTEVILLE CAA AP	MAX MIN	47 25	43 17	54 34	45 35	49 33	44 30	52 24	66 45	71 58	29 10	45 23	56 19	50 25	32 20	29 19	19 8	36 9	46 12	47 28	55 35	71 55	64 35	41 26	41 28	38 25	29 20	32 26	51 31	40 28	38 27	40 34	45.0 25.2
FAYETTEVILLE EXP STA	MAX MIN	49 30	43 20	51 32	48 35	49 30	45 34	52 24	66 39	67 43	45 8	43 21	67 21	45 35	55 17	48 18	26 6	45 8	45 14	44 29	52 32	65 45	65 23	44 14	41 27	37 24	30 13	30 23	46 23	49 26	36 25	39 32	45.4 24.9
FLIPPIN CAA AP	MAX MIN	49 27	39 16	59 28	46 36	51 30	46 31	46 28	61 41	76 57	35 14	46 26	55 20	38 25	28 17	32 21	22 9	38 10	48 18	53 18	49 34	66 48	62 24	31 18	36 26	39 28	31 21	26 30	40 30	41 29	31 28	39 30	44.0 25.1
FORDYCE 6 W	MAX MIN	57 33	40 28	49 31	48 41	50 40	48 40	53 42	70 42	78 24	32 15	47 28	53 26	50 29	38 28	35 26	26 15	41 14	50 22	49 24	50 3												

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Table 5 - Continued

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HOT SPRINGS 1 NNE	MAX MIN	57 41	51 24	50 31	48 42	50 38	48 38	55 35	63 39	76 59	74 39	39 58	56 38	52 27	25	35 19	40 15	51 27	50 29	49 37	62 48	66 38	39 26	37 29	49 35	44 32	34 31	44 32	60 40	40 31	41 32	50.3 32.8
JONESBORO	MAX MIN	52 35	39 14	51 27	48 33	46 31	53 30	49 34	62 32	72 56	68 26	40 26	51 26	30 18	30	39 13	43 22	54 27	45 36	63 42	65 58	58 25	36 27	48 33	45 29	34 29	37 30	45 34	37 28	39 30	47.0 29.6	
KEO	MAX MIN	53 37	44 23	55 30	52 40	50 38	49 33	53 28	64 35	79 63	65 24	50 27	57 24	53 31	35 25	33 24	41 20	48 22	50 22	60 39	68 48	67 45	46 26	37 30	51 36	47 33	35 31	45 32	50 40	42 30	41 32	49.5 31.6
LEAO MILL	MAX MIN	48 26	41 13	59 29	49 36	49 30	45 30	53 22	62 34	76 44	45 9	47 25	52 19	38 21	32 13	38 23	23 8	39 12	49 18	53 35	47 45	69 34	63 26	34 17	47 26	37 28	38 25	30 25	40 30	47 27	32 30	45.5 24.7
LITTLE ROCK WB AP	MAX MIN	53 34	36 25	54 32	48 40	50 38	49 38	52 36	66 37	77 48	48 25	38 31	58 27	49 35	35 25	24	28 18	40 12	49 28	52 35	63 53	68 35	37 38	50 40	40 33	33 32	47 31	50 33	40 36	38 32	47.6 32.0	
MAGNOLIA 3 N	MAX MIN	70 44	51 28	45 33	63 41	57 41	51 42	57 40	73 40	75 63	44 29	53 33	55 29	55 45	38 29	38 25	41 13	44 23	51 21	63 44	71 58	68 51	52 29	37 32	44 36	44 36	36 33	56 34	65 35	50 35	47 36	54.0 35.8
MALVERN	MAX MIN	61 42	51 24	52 31	50 42	52 38	48 33	55 29	61 35	79 53	78 24	39 29	59 24	58 35	54 28	36	50 21	51 19	54 37	51 49	68 37	67 27	38 30	51 35	48 32	44 32	43 32	50 42	43 32	41 32	51.5 31.6	
MAMMOTH SPRING	MAX MIN	45 25	36 13	57 22	48 37	50 28	55 33	47 25	52 38	78 69	69 19	59 23	51 19	45 16	31 18	28 15	38 5	46 12	54 14	46 36	60 60	66 35	37 18	44 22	47 25	37 25	30 25	34 28	38 34	38 25	45.3 23.7	
MARIANNA 2 S	MAX MIN	57 38	44 21	50 28	51 41	49 33	47 32	54 29	59 35	76 56	73 25	37 27	54 25	51 33	42 26	29	37 13	43 21	50 25	48 30	66 48	68 58	63 27	37 29	47 34	47 30	38 30	47 31	52 40	42 30	40 32	49.3 31.1
MARKEO TREE	MAX MIN	53 35	38 19	50 27	49 39	45 30	45 30	48 30	58 56	72 25	66 25	38 27	50 24	48 29	31 17	30 14	29 9	41 19	51 23	48 37	63 42	58 26	57 29	48 35	47 29	32 29	44 30	37 29	30 31	46.7 29.5		
MARSHALL	MAX MIN	60 24	40 18	56 27	50 36	50 33	48 33	52 26	65 31	75 58	70 30	45 29	55 26	28 21	28 18	26 10	37 19	47 18	51 30	45 42	62 34	60 37	37 25	38 35	35 26	27 22	47 29	45 28	32 27	40 30	46.5 26.1	
MENA	MAX MIN	55 40	43 26	47 31	47 41	49 38	49 39	56 33	65 38	75 59	67 15	42 28	58 28	59 37	28 27	40 15	49 9	49 21	60 36	49 49	63 63	64 37	47 22	37 29	45 34	37 31	45 43	53 33	38 32	42 32	48.8 31.5	
MONTICELLO 3 S	MAX MIN	70 42	49 34	54 25	51 39	57 34	49 34	56 34	68 39	80 64	74 30	41 28	58 29	58 45	57 28	33	41 11	48 27	64 54	69 55	62 30	64 28	43 35	47 33	47 33	38 33	57 35	66 44	45 34	46 37	54.3 49.9	
MORRILTON	MAX MIN	60 40	47 23	56 31	50 41	52 39	49 34	54 33	64 35	76 54	72 23	41 31	55 24	44 31	35 25	33 18	40 13	49 23	50 20	50 36	65 48	39 25	39 28	48 30	44 31	44 31	40 32	47 38	38 31	40 32	49.3 31.1	
MOUNT IOA	MAX MIN	62 27	48 22	51 30	48 35	50 33	51 36	58 28	68 40	76 41	48 28	60 22	40 35	35 29	28	28	6	15	48 17	60 34	52 48	67 38	38 40	30 50	39 35	31 33	51 33	55 41	42 33	43 30	50.1 29.9	
MOUNT MAGAZINE	MAX MIN	60 30	45 18	46 24	45 35	40 32	41 32	39 30	59 35	69 54	64 7	37 18	47 26	52 30	40 17	31	30 6	44 5	40 17	47 31	28 21	28 15	36 20	38 30	31 20	28 21	24 28	50 24	36 24	38 26	42.2 23.8	
MOUNTAIN HOME	MAX MIN	50 31	38 16	50 30	57 27	49 27	45 35	44 30	55 32	64 51	64 14	44 25	51 22	46 26	30	27 10	43 18	45 16	64 33	64 45	62 30	31 16	34 25	39 29	32 20	36 25	36 29	40 30	32 26	38 30	46.4 25.5	
MOUNTAIN HOME C OF ENG	MAX MIN	59 30	46 18	36 19	58 31	44 30	50 29	46 26	55 28	64 43	75 26	37 14	46 23	52 20	36 17	30 7	22 7	37 11	46 32	57 51	65 62	62 30	35 20	40 21	35 20	32 25	32 25	41 29	36 27	32 27	43.9 23.7	
NARROWS OAM	MAX MIN	72 28	60 29	49 29	48 35	51 40	48 36	55 30	73 45	79 45	80 22	48 22	53 23	58 26	57 32	40 24	28 8	11	58 19	60 40	67 68	41 27	49 32	40 37	49 33	37 34	52 34	52 34	42 34	51.4 29.8		
NASHVILLE PEACH SUBSTA	MAX MIN	69 37	58 28	44 28	47 34	52 40	48 39	47 30	55 40	73 47	79 26	40 26	39 26	54 33	52 32	37	39 23	41 12	50 25	49 25	60 48	66 60	40 26	39 31	48 37	38 33	36 34	53 45	53 34	39 36	49.5 31.6	
NEWPORT	MAX MIN	54 37	44 21	53 27	49 39	49 33	47 31	49 29	63 31	74 55	68 23	39 27	52 25	43 31	36 22	33	40 11	47 20	53 26	46 36	64 45	66 48	59 24	37 28	48 33	45 29	42 30	41 30	38 31	47.9 29.8		
NIMROO OAM	MAX MIN	68 35	50 22	49 23	57 29	47 39	55 36	50 30	58 32	67 48	79 21	47 20	48 26	55 22	42 26	35 27	41 18	50 15	54 38	61 67	67 67	46 24	35 26	43 30	47 30	35 32	34 32	50 32	45 32	37 32	50.4 27.2	
OKAY	MAX MIN	72 43	51 29	46 35	57 42	55 41	49 30	57 30	75 40	82 44	79 28	41 31	59 33	59 39	56 33	41 31	39 24	43 13	52 20	41 54	69 49	69 29	41 33	47 36	47 36	38 34	46 35	54 44	54 35	44 36	54.1 34.5	
OZARK	MAX MIN	59 40	45 27	52 32	49 41	49 37	45 40	52 33	64 41	80 52	63 28	45 28	55 29	46 27	38	32 17	50 10	52 22	46 35	45 45	62 32	36 22	40 22	39 33	37 32	40 31	40 33	45 39	39 33	49.5 31.0		
PARAGOULO	MAX MIN	48 17	48 24	45 39	45 29	48 29	43 27	47 29	55 31	70 53	69 21	38 25	48 21	45 18	29	27 10	36 17	51 21	44 34	62 40	63 53	57 26	36 26	47 29	44 26	29 32	33 31	48 31	38 24	34 30	44.7 27.0	
PARIS	MAX MIN	56 35	48 26	58 29	51 41	52 39	50 31	53 35	72 36	80 65	72 28	44 19	53 26	45 26	36	42 17	49 11	50 21	48 34	71 66	66 33	47 23	43 29	40 26	35 31	40 33	44 39	42 32	49.6 30.8			
PERRYVILLE	MAX MIN	56 33	51 24	57 28	52 37	50 29	53 31	55 28	65 30	77 48	71 22	39 28	58 27	53 33	45 28	34	41 19	50 24	56 24	65 29	65 47	61 36	40 23	41 28	51 29	38 32	37 31	48 31	44 33	41 32	50.3 29.6	
PINE BLUFF	MAX MIN	54 42	44 26	56 34	50 42	52 39	48 37	54 34	66 38	81 60	74 27	39 31	61 30	56 37	47 26	33 23	43 14	49 23	54 27	55 42	69 54	67 46	47 37	38 36	46 35	47 36	49 34	51 42	43 32	51.2 34.3		
PINE BLUFF CAA AP	MAX MIN	52 33	41 25	58 35	50 40	48 37	48 37	55 33	66 37	81 56	56 27	38 31	55 29	38 25	32	42 19	49 13	53 23	60 45	60 53	69 34	36 28	38 31	47 36	42 34	35 32	50 34	51 38	39 35	43 35	49.5 32.8	
POCAMONTAS 1	MAX MIN	54 33	40 15	46 28	47 38	48 30	44 30	48 30	50 27	76 48	71 20	37 26	49 26	47 29	32 15	30 8	47 13	51 17	52 40	60 44	45 22	37 25	47 27	43 26	31 29	34 28	38 27	37 29	39 29	45.6 26.5		
PORTLAND	MAX MIN	56 38	57 26	42 26	60 32	65 40	45 40	51 39	68 46	78 46	40 38	45 28	58 38	54 30	36	31 27	31 16	42 21	48 21	65 44	65 31	70 60	70 31	41 34	47 35	38 34	41 35	57 35	60 35	45 35	51.7 33.4	
PRESCOTT	MAX MIN	72 34	56 23	56 23	50 28	58 36	45 36	48 35	56 42	72 46	82 23	40 23	40 26	56 30	55 28	27	28 10	42 10	50 60	60 70	68 25	40 38	38 35	47 37	39 36	36 33	54 35	54 34	38 36	49 36	50.5 28.8	
ROGERS	MAX MIN	50 32	46 20	50 27	43 35	51 32	45 37	47 25	64 39	65 40	45 8	54 17	49 26	36 18	23	35 10	47 6	46 10	52 34	71 42	65 34	45 24	39 17	27 27	44 21	42 27	35 26	44 27	38 32	46.6 24.9		
RUSSELLVILLE	MAX MIN	60 28	48 25	55 31	51 43	53 40	50 38	53 33	65 39	78 60	76 31	41 21	55 30																			

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Table 5 - Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
STUTT GART 9 ESE	MAX	64	50	38	52	49	49	46	51	65	76	37	38	55	54	30	31	26	38	44	51	59	68	66	37	39	47	37	35	51	45	38	47.3
	MIN	35	23	24	32	35	33	29	31	44	25	25	26	29	24	23	21	12	16	22	28	41	47	26	27	30	32	30	31	33	30	30	28.8
SUBIACO	MAX	59	50	53	52	52	50	56	70	78	75	43	52	51	46	35	35	40	48	52	48	72	66	37	43	42	43	35	40	45	40	42	50.0
	MIN	38	24	30	35	38	42	33	36	60	17	29	23	33	25	28	15	11	24	22	33	43	33	23	28	28	31	30	33	38	32	33	30.6
TEXARKANA WB AP	MAX	59	43	46	60	49	50	58	75	82	44	44	59	55	51	40	33	44	51	48	62	69	68	39	39	45	44	36	48	53	41	46	51.0
	MIN	39	31	35	42	42	42	32	49	44	30	32	35	45	35	32	18	15	25	32	43	61	32	28	33	38	35	34	36	41	36	38	35.8
TURNPIKE	MAX	50	39	43	43	47	43	47	55	69	67	38	50	45	40	28	23	32	40	45	43	57	58	34		35	33	30	41	39	30	35	42.6
	MIN	33	17	25	33	32	35	33	37	54	11	24	27	31	16	21	5	8	18	32	29	43	34	14		28	19	19	29	28	24	29	26.3
WALDRON	MAX	61	52	58	52	48	51	58	69	79	77	46	63	61	56	33	31	42	50	49	53	69	66	38	46	44	37	36	51	50	37	44	51.8
	MIN	31	27	31	43	40	43	30	41	61	15	28	24	31	29	30	16	9	19	20	37	49	30	24	30	30	30	34	37	33	33	31.1	
WALNUT RIDGE CAA AP	MAX	46	35	49	45	45	43	46	59	75	40	37	48	35	27	30	23	38	45	51	49	61	63	31	37	48	31	37	37	31	38	42.3	
	MIN	25	18	26	35	30	31	30	32	37	21	26	24	27	17	23	11	11	20	23	35	49	28	24	26	30	27	28	29	30	29	31	26.9
WARREN	MAX	57	49	52	58	52	52	57	69	81	71	41	53	58	55	34	33	40	50	52	63	70	70	50	38	46	44	38	55	66	43	46	53.0
	MIN	42	25	30	42	40	39	38	38	64	32	28	35	42	29	25	23	14	25	22	44	57	47	29	31	36	35	33	35	42	35	36	35.3
WHITE ROCK	MAX	52	40	44	42	47	41	46	59	67	60	38	49	46	42	29	21	35	45	44	46	61	59	30	32	35	29	31	44	48	32	41	43.1
	MIN	34	20	26	35	32	35	33	37	55	7	22	27	33	18	18	3	7	18	31	28	43	24	13	22	28	22	26	27	28	26	28	26.0
WILSON	MAX	49	40	52	50	47	45	51	62	72	65	36	50	49	32	30	26	37	42	51	50	65	67	61	37	49	48	36	42	51	41	41	47.5
	MIN	31	20	28	40	33	32	33	35	49	30	26	25	30	18	24	13	10	18	27	39	45	59	26	29	38	31	32	33	36	29	33	30.6
WYNNE	MAX	50	40	51	48	47	47	49	58	72	67	36	50	43	32	30	29	36				65	66	60	37	50	45	33	44	50	38	39	46.9
	MIN	37	16	26	39	29	32	26	33	51	26	27	23	28	19	24	17	8	17				55	27	29	35	30	30	32	38	29	32	29.1

EVAPORATION AND WIND

Table 6

Station		Day of month																															Total of Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BLAKELY MOUNTAIN DAM	EVAP	.14	.05	.08	.04	.02	.02	.01	.04	.01	*	*	*	.23	.05	*	*	*	*	.24	-	-	-	-	.35	.02	-	.02	.02	-	1.298		
	WIND	.19	.37	.37	.31	.22	.15	.30	.22	.24	.95	.54	.19	.16	.50	.49	.62	.62	.66	.19	.35	.12	.43	.91	.35	.36	.42	.37	.19	.19	.36	.27	1.162
HOPE 3 NE	EVAP	.20	*	.11	.00	-	-	.04	.07	*	.14	.09	.01	.03	.08	*	*	*	*	.37	-	.09	*	.31	.00	.05	-	-	.02	.04	.13	2.028	
	WIND	.51	.84	.47	.24	.50	.38	.22	.18	.68	.96	.56	.35	.32	.76	.83	.69	.75	.57	.16	.15	.41	.74	.94	.88	.23	.85	.113	.45	.10	.95	.64	1744
NARROWS DAM	EVAP	-	.07	.06	.08	.00	.01	.00	.05	.01	-	-	-	-	-	-	-	-	-	-	-	-	-	.19	.32	.33	.33	-	.00	.03	-	-	
	WIND	.36	.34	.31	.43	.24	.24	.16	.35	.15	.77	.38	.20	.34	.36	.37	.37	.61	.54	.20	.54	.59	.121	.83	.31	.33	.30	.31	.14	.20	.33	.20	1196
NIMROD DAM	EVAP	.08	.07	.04	.08	-	.02	.02	*	.03	*	.23	*	.08	.04	.06	*	*	*	.26	.03	.06	-	-	.04	.03	.02	-	.00	.00	.08	1.488	
	WIND	.19	.4	.9	.8	.13	7	.28	.11	.37	.101	.12	7	.17	.10	.16	.12	3	.13	.17	.16	.71	.60	.178	.5	.9	.11	.3	.4	.25	.7	745	
STUTT GART 9 ESE	EVAP	.07	*	*	.12	.04	.03	*	.11	.03	.05	*	*	.10	*	*	*	*	*	.26	.03	*	*	.19	.03	.02	.02	.01	.03	.01	1.10		
	WIND	.14	.83	.29	.50	.33	.11	.21	.19	.139	.116	.29	6	.14	.90	.59	.39	.38	.71	.18	.65	.101	.174	.132	.64	.17	.56	.74	.39	.4	.69	1702	

SNOWFALL AND SNOW ON GROUND

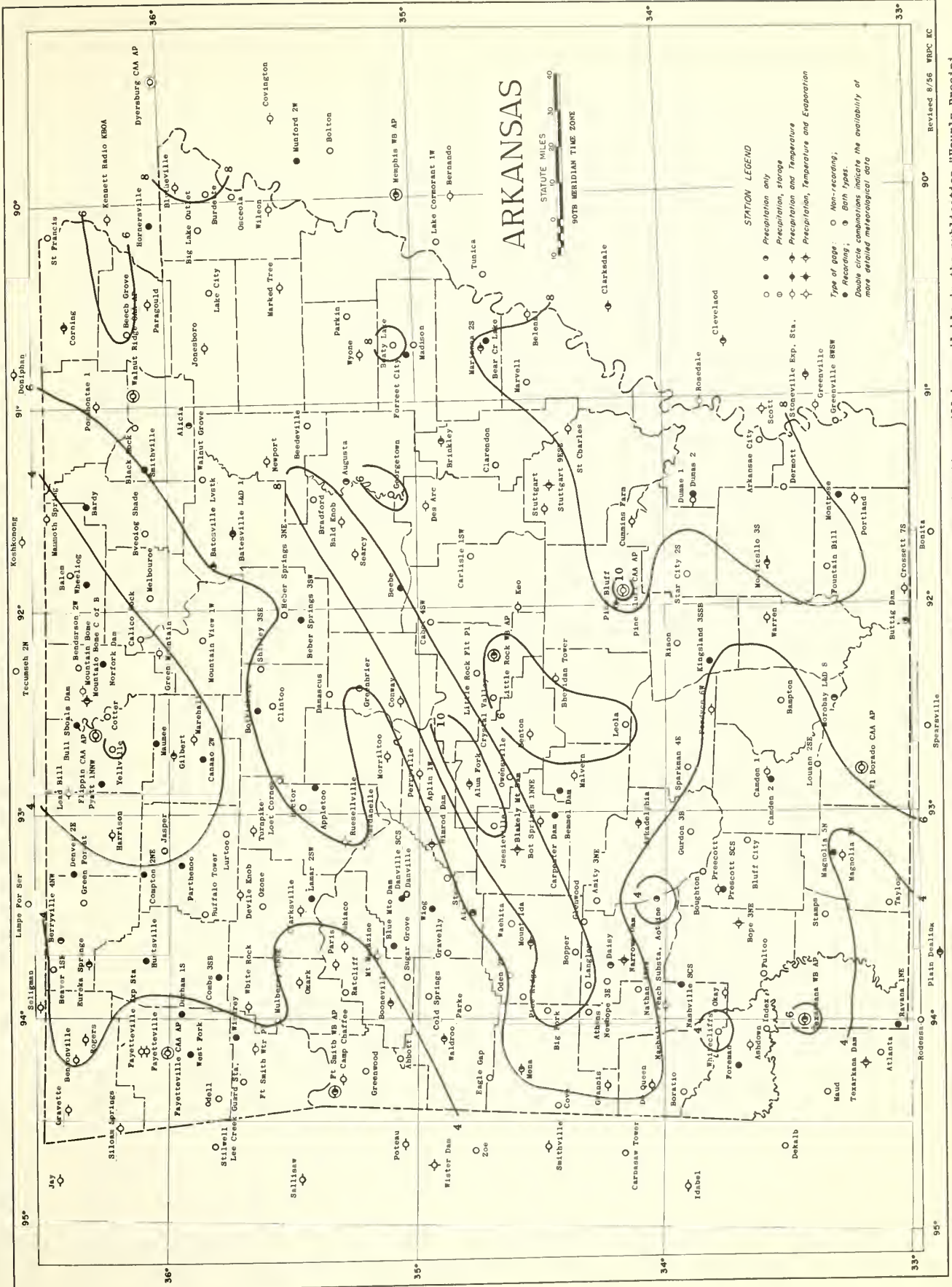
ARKANSAS
JANUARY 1957

Table 7

Station		Day of month																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
BATESVILLE L & O 1	SNOWFALL SN ON GND											T	T																						
CORNING	SNOWFALL SN ON GND																																		
CROSSETT 7 5	SNOWFALL SN ON GND			T																															
DEVILS KNOB	SNOWFALL SN ON GND																				0.5 1										0.5 1				
DOMAS 1	SNOWFALL SN ON GND														T																				
EL DORADO CAA AP	SNOWFALL SN ON GND																							T											
EUREKA SPRINGS	SNOWFALL SN ON GND									T		T											T		T					T					
FAYETTEVILLE CAA AP	SNOWFALL SN ON GND																				T	T		T		T			T						
FLIPPEN CAA AP	SNOWFALL SN ON GND										T	T										T								T	T		2.5	T	
FORT SMITH WB AP	SNOWFALL SN ON GND										T	T									T		T								T				
GILBERT	SNOWFALL SN ON GND											T	T																					T	
GRAVETTE	SNOWFALL SN ON GND											T											T									T	0.2		
JONESBORO	SNOWFALL SN ON GND												T																					T	
LITTLE ROCK WB AP	SNOWFALL SN ON GND			T								T													T										
MONMOTH SPRING	SNOWFALL SN ON GND											T	T	1.0																					
MARIANNA 2 5	SNOWFALL SN ON GND															T										T	T			T					
MARKED TREE	SNOWFALL SN ON GND												T																						
MENA	SNOWFALL SN ON GND																																		
NEWPORT	SNOWFALL SN ON GND													0.6																					
PINE BLUFF CAA AP	SNOWFALL SN ON GND															T																			
RRESCOTT	SNOWFALL SN ON GND																							T											
ROGERS	SNOWFALL SN ON GND												T																						T
TEXARKANA WB AP	SNOWFALL SN ON GND																																		
WALORON	SNOWFALL SN ON GND																T																		
WALNUT RIDGE CAA AP	SNOWFALL SN ON GND												0.5																						

TOTAL PRECIPITATION

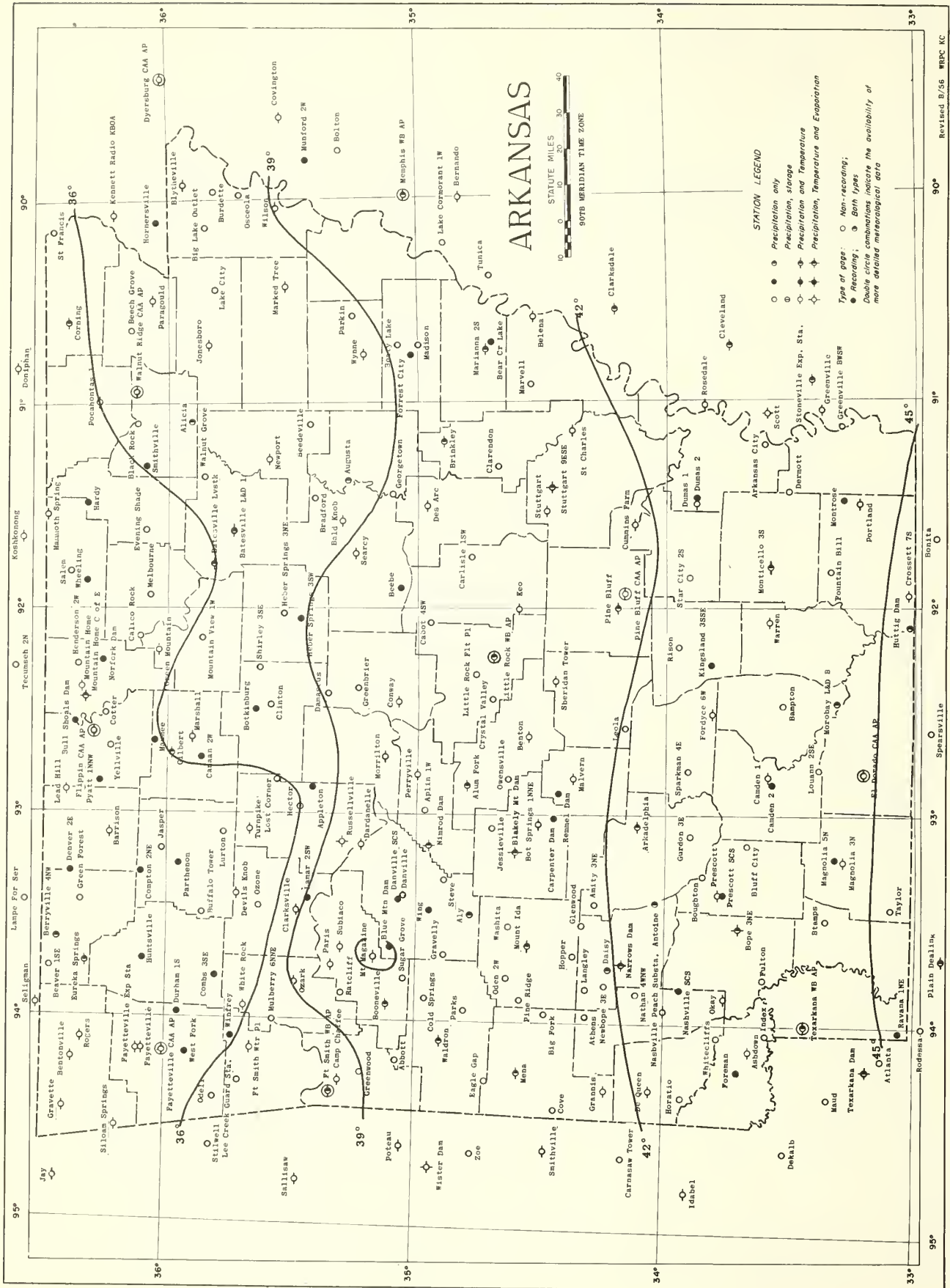
JANUARY 1957



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

JANUARY 1957



STATION LEGEND

- Precipitation only
- Precipitation, storage
- ◊ Precipitation and Temperature
- ◈ Precipitation, Temperature and Evaporation
- Type of gage: ○ Non-recording; ● Recording; ◊ Both types
- ◊ Double circle combinations indicate the availability of more detailed meteorological data

Isolines are drawn through points of approximately equal values.

Revised 8/56 WRPC KC

STATION INDEX

ARKANSAS
JANUARY 1957

Station	Index No	County	Drainage†	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables	Station	Index No	County	Drainage†	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.										Temp.	Precip.		
Abbot	0006	Scott		1 35 04	84 12	624			7A James V. Williams	3	Magnolia 3 N	4548	Columbia	4 33 19	93 14	315	6P	7A Earl E. Graham	2 3 5 7	C	
Alicia	0064	Lawrence		7 35 54	91 05	256			7A Ruby B. Owens	3	Magnolia 5 N	4550	Columbia	4 33 20	93 13	360	6P	7A Ark. Pwr. & Lgt. Co.	2 3 5 7	C	
Alum Fork	0110	Baldwin		3 34 47	93 52	522			7A R. W. Rater	2 3 5	Walverna	4562	Hot Springs	3 34 23	92 49	211	5P	5P Walverna Fire Dept.	2 3 5	C	
Ally	0136	Yell		3 34 47	93 25	854			7A Reba Y. Swain	3	Hammoth Springs	4572	Pulaski	3 34 24	92 32	630	6P	6P Ark. Pwr. & Lgt. Co.	2 3 5 7	C	
Amity 3 NE	0150	Clark		3 34 17	93 25	-			7A Mrs. Alta F. Garner	3	Marianna 2 S	4638	Lee	3 34 44	90 45	234	6P	6P Ark. Pwr. & Lgt. Co.	2 3 5 7	C	
Apitka	0178	Pike		3 34 02	93 25	285			8A Drew A. Lamb	3	Marked Tree	4654	Poinsett	3 35 32	90 25	229	6P	7A William W. Crick	2 3 5 7	C	
Aprine 1 W	0188	Perry		1 34 58	93 00	400			7A Robert Watts	3	Marshall	4666	Searcy	5 05 54	92 38	1050	5S	7A Mrs. Minnie Horton	2 3 5 7	C	
Augusta	0286	Pope		1 35 25	92 53	522			MID John A. Jones	3	Marvell	4678	Phillips	3 34 33	90 55	195	8A	8A Sterling Wallace	3	C	
Arkadelphia	0220	Clark		3 34 07	93 12	200			6P 7A Hillman E. Lawrence	2 3 5	Mauldin	4696	Searcy	7 36 03	92 39	749	MID	MID Helen L. Adams	3	C	
Arkansas City	0234	Desha		2 33 37	93 03	145			8A John W. Trammell	3	Melbourne	4746	Izard	7 36 04	91 24	610	7A	7A Ivan L. Shrader	3	C	
Arbndom	0286	Little River		4 33 40	94 08	329			7P 7P Southwestern G & E	2 3 5	Mena	4756	Polk	3 34 35	94 15	1207	6P	7A E. W. St. John	2 3 5 7	C	
Athens	0300	Howard		4 34 19	93 58	260			7A Arra D. Parker	3	Monticello 3 S	4900	Drew	3 33 35	91 43	282	5P	5P Arkansas A. & M. Col.	2 3 5 7	C	
Bear Creek Lake	0326	Roadcraft		7 35 17	93 22	428			7A Homer W. Chaney	3	Monroe	4906	Ashley	7 36 20	92 23	800	7P	7P Charles Shiran	2 3 5 7	C	
Bald Knob	0350	White		7 35 18	93 34	230			6P Div. of Arkansas	2 3 5	Moraby Lock & Dam	4934	Calhoun	1 33 19	92 27	85	7A	7A Corps of Engineers	3	C	
Batesville Livestock	0458	Independence		7 35 49	91 47	571			9A Univ. of Arkansas	2 3 5	Morrilton	4938	Conway	3 30 07	92 45	280	5P	7A Emma S. Leavell	2 3 5	C	
Batesville L & D 1	0460	Independence		7 35 45	91 38	277			5P 7A James J. Mitchum	2 3 5	Mount Ida	4988	Montgomery	3 34 33	93 28	663	7A	5P William E. Black	2 3 5 7	C	
Bear Creek Lake	0486	Newton		7 34 43	90 42	220			MID R.F. Forest Service	3	Mount Logan	5310	Pike	1 35 10	93 41	2800	7P	7P U.S. Forest Service	2 3 5 7	C	
Betty Lake	0512	St. Francis		5 05 05	90 43	400			5P L. G. Adams	3	Mountain Home	5036	Baxter	7 36 20	92 23	800	7A	7A Univ. of Arkansas	2 3 5 7	C	
Beaver 1 SE	0518	Carroll		7 36 28	93 46	930			7A Harvey E. Skelton	3	Mountain Home C. of E	5038	Baxter	7 36 20	92 23	800	8A	8A Corps of Engineers	2 3 5 6	C	
Beaver 2	0530	White		7 35 04	91 53	350			MID Lowell E. Perkins	3	Mountain View 1 E	5046	Stone	7 35 52	92 92	768	7A	7A Neil A. Tapley	3	C	
Beach Grove	0534	Greene		7 36 09	90 38	298			8A B. B. Hammond	3	Mulberry 6 NNE	5072	Franklin	1 35 34	94 01	500	7A	7A Henry C. Arvin	3	C	
Beechville	0536	Jackson		7 35 26	91 06	231			8A P. W. Breckridge	3	Narrows Dam	5100	Pike	3 34 10	93 43	425	8A	8A Corps of Engineers	2 3 5 6	C	
Benton	0582	Saline		6 34 33	92 37	285			6P 8A Mrs. Etta C. Burks	2 3 5	Nashville Peach Substa	5112	Roward	4 03 00	93 56	550	7A	7A Univ. of Arkansas	2 3 5 7	C	
Bentonville	0586	Benton		1 36 22	94 13	1295			7A Earle L. Browne	2 3 5	Nashville SCS	5114	Howard	4 03 57	93 51	373	MID	MID Soil Cons. Service	3	C	
Berryville 4 NW	0616	Carroll		7 36 26	93 37	1150			7A David W. Sticha	3	Nashua 4 NW	5158	Howard	7 34 07	92 52	550	7A	7A Edna J. Westfall	3	C	
Big Fork	0664	Polk		3 34 29	93 58	1100			7A Anna M. Liles	3	Newhope 3 E	5174	Pike	3 34 14	93 50	850	7A	7A Elsie F. Ward	3	C	
Big Lake Outlet	0676	Mississippi		5 05 51	90 08	228			6P N. W. Douglas	3	Newport Dam	5186	Jackson	3 34 36	91 17	225	8A	8A Corp. of Engineers Jr	2 3 5 6	C	
Black Rock	0746	Lawrence		7 36 07	91 06	259			7A Lee W. McKenney	2 3 5 6	Nimrod Dam	5200	Perry	1 34 57	93 10	470	8A	8A Corps of Engineers	2 3 5 6	C	
Blacky Mountain Dam	0746	Lawrence		7 36 07	91 06	259			7A Lee W. McKenney	2 3 5 6	Nimrod Dam	5200	Perry	1 34 57	93 10	470	8A	8A Corps of Engineers	2 3 5 6	C	
Blue Mountain Dam	0798	Yell		1 35 06	93 39	455			MID Corp. of Engineers	3	Odell	5222	Logan	3 36 15	91 15	425	MID	MID Corp. of Engineers	3	C	
Bluff City 3 SW	0800	Nevada		3 33 41	93 09	360			7A Paul M. Adams	3	Odessa 2 W	5358	Montgomery	3 34 38	93 48	800	7A	7A Lorrain W. Jacobson	3	C	
Blountville	0806	Mississippi		5 05 56	89 55	252			7A Ivy W. Crawford	2 3 5 7	Odessa	5376	Howard	4 03 46	93 53	300	5P	5P J. T. Hagis	2 3 5	C	
Booneville	0830	Logan		1 35 09	93 55	511			7P 7A Cleo E. Yandell	2 3 5 7	Odessa	5480	Mississippi	2 35 43	89 58	250	8A	8A Alwyn A. Cowan	2 3 5	C	
Boonville	0842	Van Buren		7 35 39	92 30	1200			MID Thomas E. Pearson	3	Odena	5480	Saline	7 34 27	92 23	500	7A	7A Guy Cook	2 3 5 7	C	
Broughton	0848	Nevada		3 33 52	93 20	235			7A Iris Elmore Wicker	3	Odessa	5508	Franklin	1 35 29	93 50	396	6P	6A Burns Wakefield	2 3 5 7	C	
Bradford	0872	White		7 35 25	91 28	240			7A Marshall Hickman	3	Odessa	5514	Johnson	1 35 38	93 27	1900	7A	7A Maurice R. Brandt	3	C	
Brinkley	0936	Monroe		7 34 54	91 10	205			5P Robert D. Schaefer	2 3 5 7	Odessa	5562	Green	5 06 04	90 29	275	4P	4P Radio Station KDRS	2 3 5	C	
Buffalo Tower	1010	Newton		7 35 52	93 30	460			7A Beulah P. Fowler	3	Odessa	5576	Logan	5 15 18	93 43	410	6P	6P Frank Taylor	2 3 5	C	
Bull Shoals Dam	1050	Baxter		3 36 22	92 34	210			MID Corp. of Engineers	3	Odessa	5586	Green	3 35 16	90 35	272	7A	7A Corine D. Gardner	3	C	
Burdette	1052	Mississippi		2 35 49	89 57	240			6P G. A. Hale	3	Odessa	5591	Scott	1 34 48	93 57	668	7A	7A Bonar K. Hansard	3	C	
Cabot 4 SW	1102	Pulaski		7 34 57	92 04	289			5P B. W. Walthers	3	Odessa	5602	Newton	1 35 57	93 15	925	MID	MID Arthur B. Carlton	2 3 5 7	C	
Calico Rock	1132	Izard		7 36 08	92 08	400			7A Austin D. Harris	3	Odessa	5694	Perry	1 35 00	92 49	325	5P	7A Francis Pinkbender	2 3 5 7	C	
Canden 1	1132	DuChita		7 35 49	93 48	400			7A Leonard B. Hillworth	2 3 5 7	Odessa	5754	Jefferson	1 34 12	92 00	215	7P	7A Harry T. Schu	2 3 5 7	C	
Canden 2	1134	DuChita		3 33 35	92 51	155			MID Edith Z. Lehman	3	Odessa	5756	Searcy	1 35 10	91 56	205	MID	MID U.S. Civil Aero Adm	3	C	
Chan Chaffee	1172	Sebastian		1 35 18	94 18	419			8A U. S. Army	2 3 5	Odessa	5760	Montgomery	3 34 35	93 54	840	7A	7A J. R. Huddleston	3	C	
Chaney 2 W	1188	Searcy		7 35 52	92 44	-			MID CLOSED	10/29/56	Pocahontas 1	5820	Randolph	7 36 16	90 59	330	5P	7A Benedictine Sisters	2 3 5	C	
Clarendon 1 SW	1224	Lonoke		1 34 47	91 43	235			8A John L. Tait	3	Portland	5866	Ashley	3 33 14	91 30	122	7A	7A Mrs. Pearl Newton	2 3 5 7	C	
Clarendon 2 SE	1238	Garland		3 34 27	93 34	312			7A Ark. Pwr. & Lgt. Co.	3	Prescott	5900	Nevada	3 33 48	93 23	218	7A	7A R. P. Ranby	2 3 5 7	C	
Clarendon 3	1444	Monroe		7 34 41	91 48	272			7A B. F. Northern	3	Prescott	5910	Nevada	3 33 48	93 23	218	7A	MID Soil Cons. Service	2 3 5 7	C	
Clarksville	1455	Johnson		1 35 28	93 28	436			6P Dr. Irving F. Beach	2 3 5	Pyatt 1 NW	5970	Marion	7 36 16	92 51	800	MID	MID Dna V. McLean	3	C	
Clinton	1492	Van Buren		7 35 35	92 28	510			7A Earl B. Riddick	3	Ratcliff	6008	Logan	1 35 18	93 53	463	7A	7A Lulu M. Weeks	3	C	
Col Springs	1520	Scott		3 34 58	93 54	1260			7A Margaret Zornes	3	Ravanna 1 NE	6016	Miller	4 03 34	92 22	250	MID	MID Benny L. Allen	2 3 5 7	C	
Cosh 2 SE	1574	Hudson		7 35 19	93 48	420			MID Wade C. Biehlers	3	Rensel Dam	6102	Hot Springs	3 33 57	91 11	231	8A	8A J. B. Vanev	3	C	
Coston 2 NE	1582	Newton		7 36 06	93 18	2160			MID William L. Binan	2 3 5 7	Rogers	6248	Pope	7 36 20	94 07	1387	5S	5S Howard Fowler	2 3 5 7	C	
Conway	1596	Faulkner		1 35 05	92 28	316			5P Clarence S. Williams	3	Russellville	6352	Pope	1 35 18	93 08	360	5P	5P U.S. Forest Service	2 3 5 6 7	C	
Corning	1632	Clay		7 36 24	90 33	293			7A Mrs. Laura Polk	2 3 5 7	Saint Charles	6376	Arkansas	7 34 23	91 08	200	8A	8A Fish & Wildlife Serv	2 3 5 7	C	
Cotter	1640	Baxter		4 34 26	94 25	1050			7A Joe C. Allen	3	Saint Francis	6380	Clay	5 06 27	91 30	300	7A	7A William S. Buckley	3	C	
Cotton	1656	Polk		3 33 02	91 56	175			5P U.S. Forest Service	2 3 5 7	Salem	6403	Pulaski	3 35 15	91 44	245	5P	5P J. Adam C. Melton	2 3 5 7	C	
Crosscut 7 S	1730	Ashley		3 33 02	91 56	175			7A Virds Byrd	3	Sheridan Tower	6566	Grant	7 35 17	92 21	290	6P	6P Ark. Forestry Comm.	2 3 5	C	
Crystal Valley	1750	Pulaski		1 34 42	92 36	350			6P Campb. Prision Farm	2 3 5	Shirley										

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location.

Water equivalent samples published in Table 7 are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in local standard time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One to nine days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

NWRC, Asheville, N. C. -- 3-12-57 -- 1000



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WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS

FEBRUARY 1957

Volume LXII No. 2



WEATHER SUMMARY

February was warm and wet. Temperatures at all stations averaged above their long-term means and rainfall exceeded the long-term averages at almost all stations. The mild rainy weather gave crops a big boost.

Temperatures averaged near seasonal at the beginning of February. A long mild spell began on the 3d and continued to the 15th. Temperatures from the 8th to 10th were especially high and averaged about 20 degrees above seasonal. Most stations registered their highest temperatures for the month on the 9th. Monthly maximum temperatures ranged from 70 degrees at Turnpike and White Rock on the 9th to 85 degrees at De Queen on the same date. Maximum temperatures on the 9th were mostly in the upper 70s over the northern half of the State and in the lower 80s over the southern half. Temperatures dropped to near seasonal on the 16th and below seasonal on the 20th. Most stations registered their lowest temperatures for the month on the 21st. Monthly minimums were in the 20s over most of the State. The range was from 15 degrees at Batesville Livestock on the 21st to 30 degrees at Helena and St. Charles on the 17th and at Little Rock Airport, St. Charles, and Texarkana on the 21st. Temperatures increased to above seasonal on the 22d but returned to near seasonal during the last few days of February. Monthly mean temperatures ranged from 42.5 degrees at Batesville Livestock to 55.6 degrees at Magnolia 2W. Temperatures at most stations averaged between four and six degrees warmer than the long-term means.

There were several rainy periods during February. These were the first week, the 15th, 18th, 19th, and the

22d to 27th. The most generous rains came during the first and last week of the month. Monthly totals ranged from 1.91 inches at Nathan 4WNW to 11.99 inches at Pine Bluff. Most stations received between four and six inches of rain during the month. A few scattered areas received more than six inches. Several west central counties and a few scattered stations received less than four inches. Precipitation was generally slightly less than the long-term means along the extreme southern edge of the State, in the extreme southwest, and over several west central counties. A few east central stations received more than twice their long-term means. Elsewhere over the State, precipitation ranged mostly between 100 percent and 150 percent of the long-term means. A few snow flurries occurred over the extreme northeast corner of the State on the 19th and 20th. The amounts were of little consequence.

All crops responded to the warm rainy weather. Plums and pears bloomed. Peaches bloomed in the south and the buds swelled over other parts of the State. Strawberries made good progress. Small grains and pastures made luxuriant growth but some of the pastures and fields were too wet to graze. Gardening got underway in the south. Considerable land was being prepared for spring planting. Some fields were too wet for plowing. The rains filled the stock ponds and the smaller streams.

Lucius W. Dye
 Climatologist
 Weather Records Processing Center
 Kansas City, Missouri

SUPPLEMENTAL DATA

ARKANSAS
FEBRUARY 1957

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	10-09	10-49	50-99	100-99	200 and over	Total	Percent of possible sunshine
FORT SMITH WB AIRPORT	ENE	33	8.4	28	SW	9	81	85	66	67	3	3	5	1	1	14	39	7.8
LITTLE ROCK WB AIRPORT	NNE	13	9.1	37	W	9	76	81	61	66	5	5	3	1	1	16	40	7.9
TEXARKANA WB AIRPORT	ENE	18	6.8	-	-	-	-	85	-	-	7	7	0	2	1	17	-	-

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet			No. of Days			
										90° or Above	32° or Below	32° or Below	32° or Below					Total	Max Depth on Ground	Date	10 or More	100 or More		
																							Max	Min.
NORTHWEST DIVISION																								
BENTONVILLE	56.2	35.9	46.1		75	9	21	28	524	0	0	12	0	4.00		1.06	26					9	5	2
EUREKA SPRINGS	56.6	38.9M	47.8M	5.5	75	9			471	0	0	0	0	5.05	1.88	1.70	26					10	5	2
FAYETTEVILLE	56.6	38.4	47.5		74	9	24	2	486	0	0	8	0	3.53		.98	5					8	3	0
FAYETTEVILLE CAA AP	56.4	35.9	46.2		75	9	20	2	522	0	0	10	0	4.01		.75	5					8	3	0
FAYETTEVILLE EXP STA	56.4	37.5	47.0	5.1	74	9	23	2	501	0	0	8	0	3.28		.83	26					7	5	0
GRAVETTE	55.7	35.6	45.7		74	9	23	2	534	0	0	10	0	2.98	-.05	1.26	26					5	7	1
HARRISON	58.2	33.4	45.8	4.4	80	9	16	28	532	0	0	13	0	5.72		2.32	5					8	7	1
LEAD HILL	57.5	34.2	45.9	5.2	79	9	20	28	534	0	0	13	0	5.64	2.54	1.70	5					7	7	1
ROGERS	56.4	38.1	47.3	5.4	78	8	26	21	494	0	0	7	0	4.39	1.33	1.24	15					8	9	2
SILOAM SPRINGS	56.0	37.8	46.9		76	9	25	28	502	0	0	8	0	2.33		.64	26					9	1	0
DIVISION																								
46.6																								
5.0																								
NORTH CENTRAL DIVISION																								
FLIPPIN CAA AP	57.2	35.9	46.6		80	9	21	21	509	0	0	9	0	6.97		2.15	5					10	5	2
GILBERT	60.7	35.0M	47.9M		80	9	17	21	473	0	0	11	0	5.71		1.46	5					9	5	2
MAMMOTH SPRING	58.0M	35.2	46.6M	5.7			19	21	523	0	0	10	0	6.22		1.60	5					9	5	2
MARSHALL	57.9	36.7	47.3		76	9	21	21	494	0	0	8	0	5.67		1.81	25					9	5	2
MOUNTAIN HOME	56.9	37.0	47.0	5.1	77	9	23	21	499	0	0	7	0	6.98	3.65	2.86	5					7	6	3
MOUNTAIN HOME C OF ENG AM	55.1	33.9M	44.5M		78	10			571	0	0	12	0	7.39		2.50	5					9	5	2
DIVISION																								
46.6																								
5.2																								
NORTHEAST DIVISION																								
BALD KNOB	58.3	39.1	48.7		78	9	27	17	449	0	0	6	0	5.11		1.38	25					7	5	2
BATESVILLE LIVESTOCK	56.3	28.7	42.5		75	10+	15	21+	624	0	0	20	0	4.08		1.05	25					9	4	1
BATESVILLE L AND O NO 1	58.5	35.8	47.2		75	9	19	21	494	0	0	10	0	4.86	.85	1.16	25					9	4	1
BLYTEVILLE	55.7	38.8	47.3	3.9	76	24	26	21	491	0	0	8	0	6.18	2.10	1.32	1					11	5	3
CORNING	54.6	36.3	45.5	3.6	71	24	25	2+	542	0	0	9	0	4.81	.79	.89	5					10	4	0
JONESBORO	56.2	39.9	48.1	4.6	74	9	27	20+	468	0	0	4	0	5.71	1.52	1.60	16					10	5	1
MARCO TREE	57.5	39.8	48.7	6.8	76	9	27	20+	453	0	0	5	0	5.77	1.44	1.42	1					11	4	3
NEWPORT	57.3	40.0	48.7	4.4	71	24	27	21	453	0	0	5	0	5.64	1.59	1.07	1					11	6	1
PARAGOULO	54.8	36.8	45.8		74	24	25	21	532	0	0	8	0	4.56		1.02	25					7	5	1
POCAHONTAS 1	55.6	36.5	46.1	3.6	79	24	25	20+	521	0	0	8	0	4.56	.67	1.22	16					6	3	2
SEARCY	58.7	40.8	49.8	5.1	78	9	27	21	423	0	0	4	0	5.32	.95	1.48	1					9	3	2
WALNUT RIDGE CAA AP	54.2	37.5	45.9		72	9	26	21	529	0	0	9	0	3.78		1.39	15					9	2	1
WILSON	58.4M	39.9	49.2M		76	24	27	21	430	0	0	7	0	5.67		1.78	16					7	4	2
DIVISION																								
47.2																								
4.0																								
WEST CENTRAL DIVISION																								
BOONEVILLE	60.9	40.8	50.9	5.5	82	9	26	17	394	0	0	6	0	3.59		.96	6					9	1	0
CAMP CHAFFEE	58.6	37.9	48.3		81	10	25	17	461	0	0	8	0	4.58		1.34	5					8	3	2
CLARKSVILLE	60.6	39.7	50.2		80	9	24	21	410	0	0	6	0	4.67		1.18	8					8	3	1
DARDAELLE	61.2	41.0	51.1		82	9	26	21	386	0	0	4	0	2.66	-1.46	.62	25					8	1	0
DEVILS KNOB	54.3	36.7	45.5		72	9	25	20+	537	0	0	9	0	5.75		1.26	5					9	7	2
FORT SMITH WB AP	58.8	40.6	49.7	5.1	81	9	29	17	423	0	0	3	0	5.26	2.22	2.14	5					8	3	2
FT SMITH WATER PLANT	60.9	38.4	49.7		78	9	24	17	423	0	0	6	0	3.86		1.18	5							1
GRANNIS	63.0	42.1	52.6	7.1	78	9	27	21	343	0	0	3	0	3.61	-1.16	.88	6					8	3	0
MENA	60.2	42.0	51.1	5.6	78	9	29	21	387	0	0	4	0	3.15	-1.34	1.30	6					7	3	1
MOUNT MAGAZINE	53.6	37.9	45.8		71	10	25	21	534	0	0	10	0	5.30		1.50	5					10	4	1
OZARK	61.8	41.9	51.9	7.7	79	9	29	17+	364	0	0	4	0	5.48	1.53	1.45	8					9	5	2
PARIS	60.6	39.9	50.3		81	9	25	21	409	0	0	7	0	4.69		1.40	5					9	4	1
RUSSELLVILLE	61.4	40.6	51.0		81	9	25	21	388	0	0	6	0	4.64		1.77	25					8	3	1
SUBIACO	60.9	41.1	51.0	5.6	81	9	27	21	390	0	0	5	0	4.50	.65	1.03	5					9	5	1
TURNPIKE	53.7	37.9M	45.8M		70	9	25	20	532	0	0	6	0	5.33		1.45	25					7	4	2
WALORON	62.3	40.4	51.4		82	9	25	21	377	0	0	5	0	2.79		.98	5					8	1	0
WHITE ROCK	53.8	38.4	46.1		70	9	25	21	521	0	0	6	0	4.46		1.27	5					9	4	1
DIVISION																								
49.6																								
5.2																								
CENTRAL DIVISION																								
ALUM FORK	59.9	40.6	50.3		79	9+	28	21	411	0	0	4	0	3.82		1.02	25					6	3	1
BENTON	59.8	40.4	50.1		80	9	23	21	414	0	0	6	0	4.69		1.80	1					7	3	1
BLAKELY MOUNTAIN DAM	59.6	38.5	49.1		81	10	23	21	441	0	0	6	0	3.49		1.26	1					7	3	1
CONWAY	60.1	40.3	50.2	4.0	80	9	24	21	414	0	0	9	0	4.21	-.36	1.90	25					8	2	1
HOT SPRINGS 1 NNE	61.2	42.8	52.0	4.5	79	9	27	21	364	0	0	4	0	3.75	-.61	1.01	1					9	3	1
LITTLE ROCK WB AP	57.6	43.1	50.4	4.8	81	9	30	21	409	0	0	4	0	5.32	1.26	2.06	24					6	3	2
MALVERN	61.3	41.7	51.5		82	9	27	17+	374	0	0	4	0	4.93		1.20	1					6	3	2
MORRILTON	59.7	40.9	50.3	5.9	79	9	24	21	409	0	0	5	0											

CLIMATOLOGICAL DATA

ARKANSAS
FEBRUARY 1957

TABLE 2 - CONTINUED

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet			No. of Days			
										90° or Above	32° or Below	32° or Below	0° or Below					Total	Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
EAST CENTRAL DIVISION																								
BRINKLEY	60.0M	39.3M	49.7M	4.0	80	9+	25	17+	417	0	0	5	0	5.30	+.50	1.45	1	.0	0		8	4	2	
OES ARC	57.6	39.5	48.6		80	10	28	20+	454	0	0	4	0	5.42		1.70	1	.0	0		10	4	2	
HELENA	61.0	43.0	52.0	5.5	79	9	30	17	362	0	0	3	0	7.11	2.35	2.54	1	.0	0		10	5	2	
KEO	59.0	40.7	49.9		82	9	25	21	421	0	0	5	0	6.50		2.55	25	.0	0		9	3	2	
MARIANNA 2 S	60.6	40.8	50.7	5.4	79	9	27	21	398	0	0	4	0	5.85	1.31	1.50	1	.0	0		7	5	2	
SAINT CHARLES	59.8	42.3	51.1		81	10	30	17+	384	0	0	3	0	6.17		2.64	1	.0	0		8	3	1	
STUTTART	60.4	42.8	51.6	5.0	81	9	29	21	376	0	0	3	0	9.65	4.95	3.25	1	.0	0		9	6	4	
STUTTART 9 ESE	57.1	39.7	48.4		79	10	28	21	460	0	0	4	0	9.63		3.24	1	.0	0		9	6	4	
WYNNE	57.4	39.5	48.5		77	9	24	21	457	0	0	7	0	4.15		1.23	1	.0	0		7	4	1	
DIVISION			50.1	4.3										6.64	1.98			.0						
SOUTHWEST DIVISION																								
ASHOOWN	65.4	44.1	54.8		81	9	28	17	287	0	0	4	0	2.49		1.05	1	.0	0		6	2	1	
OE QUEEN	64.6	42.3	53.5		85	9	28	17	321	0	0	2	0	2.81		.70	1	.0	0		8	1	0	
HOPE 3 NE	61.2	42.3	51.8	5.0	83	10	28	21	369	0	0	3	0	7.92	3.51	4.99	1	.0	0		8	4	1	
MOUNT IOA	61.4	38.5	50.0	5.8	80	9	21	21	416	0	0	6	0	4.33	.05	1.15	1	.0	0		9	4	2	
NARROWS OAM	62.0	39.2	50.6		81	10	24	21	398	0	0	8	0	3.44		1.54	1	.0	0		8	2	1	
NASHVILLE PEACH SUBSTA	60.1	42.0	51.1		80	10	28	21	385	0	0	4	0	4.01		1.60	1	T	0		8	2	1	
OKAY	66.3	44.6	55.5	6.3	82	9	27	21	273	0	0	3	0	3.10	-.91	1.19	1	.0	0		7	3	1	
TEXARKANA WB AP	63.6	46.5	55.1	5.6	82	9	30	21	283	0	0	1	0	3.56	-.54	1.91	1	.0	0		3	3	1	
DIVISION			52.8	6.0										3.96	-.15			T						
SOUTH CENTRAL DIVISION																								
ARKAOELPHIA	61.9	43.4	52.7		81	9	27	21	341	0	0	3	0	3.67	-.65	.90	6	.0	0		8	3	0	
CAMOEN 1	62.6	42.3	52.5	4.5	84	10	27	21	356	0	0	4	0	4.94	.50	2.10	1	.0	0		6	2	2	
EL OORAO CAA AP	63.8	45.6	54.7	4.9	84	9	26	17	294	0	0	4	0	3.92	-.68	1.93	18	.0	0		3	2	2	
FOROYCE 6 W	63.1	43.8	53.5		82	9	26	21	329	0	0	3	0	5.50		2.35	1	.0	0		7	3	1	
MAGNOLIA 3 N	65.2	45.9	55.6	5.2	83	9	27	21	272	0	0	2	0	5.18	.70	2.49	1	.0	0		6	2	2	
PRESCOTT	60.3	40.6	50.5	2.3	82	10	27	21+	407	0	0	5	0	8.92	4.37	5.37	1	.0	0		8	4	1	
WARREN	64.1	44.5	54.3	4.9	84	9	27	21	308	0	0	2	0	5.87		1.93	1	.0	0		7	5	3	
DIVISION			53.4	5.1										5.43	.93			.0						
SOUTHEAST DIVISION																								
CROSSETT 7 S	65.8M	45.1	55.5M	6.2	83	9	26	21	301	0	0	3	0	4.70	+.06	1.49	25	.0	0		6	3	2	
CUMMINS FARM	61.3	41.4	51.4		81	9	27	21	384	0	0	6	0	4.84		1.52	25	.0	0		7	3	2	
OMAS 1	61.9	43.7	52.8	4.7	80	8+	26	21	345	0	0	2	0	7.55	3.06	2.38	25	.0	0		7	6	3	
MONICELLO 3 S	64.5	44.3	54.4		82	9	25	21	304	0	0	2	0	5.24		1.72	1	.0	0		5	4	2	
PINE BLUFF	60.5	43.8	52.2	4.0	83	9	29	21	366	0	0	1	0	11.99	7.17	4.54	1	.0	0		9	5	4	
PINE BLUFF CAA AP	59.7	43.4	51.6		83	9	28	21	377	0	0	3	0	7.47		2.59	24	.0	0		7	5	3	
PORTLAND	63.0	43.5	53.3	4.2	81	10	29	21	334	0	0	3	0	5.33	-.54	1.50	1+	.0	0		6	4	2	
DIVISION			53.0	4.4										6.73	2.07			.0						

Ø DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION MEANS.

DAILY PRECIPITATION

ARKANSAS
FEBRUARY 1957

Table 3

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ABBOTT	3.74					.80	.70	.18	.36											.81				.16	.48	.24	.01						
ALLICIA	4.76	.54	.11			.05	.08	T	1.04	.05						.32	1.19			.58			T			.72	.08	T					
ALUM FORK	3.82	.90				.25	.65		.07						.36				.23	.16					1.02	.18	T						
ALY	2.76	.78				.06	.55	.07	.10						T	.26			.31	.35						.45	.18	T					
AMITY 3 NE	4.16	1.80	T			.41	.42	.13	T	T						.31			T	.35						.65	.07	.02					
ANTOINE	4.35	1.86	.03	.02		.07	T	.76	.35	.10						.33			.07	.28					.48								
APLIN 1 W	3.48	.75				T	.16	.44	.09							.36			.21	.20				.86	.16	.25							
ARKADELPHIA	3.67	.14	.05	.10		.18	.65	.90	.05							.43	.05		.68	.70					.44								
ARKANSAS CITY	6.44	2.35	.61	.05		.04	.03		.22							.38			.68	.70					1.91	.08	.07						
ASHDOWN	2.49	1.05				.06	.32	.40	T	T						.12	T		.51	.09	T		T	T		.14	T						
ATHENS	3.92	1.25	.28	T		.15	.95	.24	T							.17			.48	.70					.40								
AUGUSTA	-	-				.08	.11	.18	.02	.25	.17					.12	.35		.65	.53			T		1.38	.24	T						
BALO KNOB	5.11	1.25				.29	.08		.73							.53			.08	.53					1.05								
BATESVILLE LIVESTOCK	4.08		.08			.13	.19		.49	.11						.62	.56		.62	.56					1.05		.25						
BATESVILLE L AND O NO 1	4.86	.48	.06	T		.04	.20	T	.84	.08						.55	.84		.47					.02	1.16	.04	.08	T					
BEATY LAKE	4.61	1.50	T			.05	T	.75	T	.05						.43			T	.77					.96	.10	T						
BEAVER 1 SE	4.39					.63	.02	.16	.29	.21						.75			.36	.36			.03	T	.18	1.35	.41						
BEECH GROVE	4.16	.57				.17	.15	.18	.61	.10						.81			.76	.76					.78		.21						
BEEDEVILLE	4.70	1.50				.09	.55	.18	.35	.25						.42			.42	.42					1.91								
BENTON	4.69	1.80	.08	T		.07	.63	.17	.09							.41			.41	.41					.85	.12	.06						
BENTONVILLE	4.00					.22	.03	.28	.41	.19						T	.86		.22	.22			.06	T	.42	1.06	.25						
BERRYVILLE 4 NW	4.40					.69	T	.18	.19	.21						.11	.54		.34	.34			.02	T	.23	1.30	.59						
BIG FORK	3.55	.57				.06	.37	.77								.86			.50	.50					.50								
BIG LAKE OUTLET	6.20	1.05	.05	T		.22	.13	.02	.55							1.72			T	.87				1.32	.24	.02							
BLACK ROCK	4.37	.20		.04		.18	.22	T	.36	.14	T					.16	1.36		.75	.75					.68	.10	.18	T					
BLAKELY MOUNTAIN DAM	3.49	1.26	T			T	.07	.60	.10	.04						.19			.30	.30					.76	.10	.07						
BLUFF CITY 3 SW	6.35	3.77	.15	.05		.12	T	T	T							.24			.04	1.22					.76								
BLYTHEVILLE	6.18	1.32	.12	.08		.36	.10	.02	.60	.10						.22	1.11		.78	.78					1.12	.10	.07	.02					
BOONVILLE	3.59	.17	.01			.47	.96	.02	.42							.21			.43	.43			.03		.31	.42	.14						
BOUGHTON	7.19	4.00	.10	.02		.52	.03	.42	.42							.10			.10	.10					.65								
BRAFORD	5.32	1.23	.19			.05	.06	.05	.47	.41						.38			.35	.35			.49	.10	1.37		.17						
BRINKLEY	5.40	1.45				.10	.13	.97	T	.05						.35			T	.80					1.82	.13	.09						
BUFFALO TOWER	5.61					1.40	.17	.10	.29	.08						.53	.44		.80	.80					1.10	.59	.26						
BURDETTE	7.45	1.22				.44	.14	.70								2.38			.70	.70					1.44	.25							
CABOT 4 SW	4.31	1.26				T	.07	.31	.06							.40			.10	.51					1.50	.10							
CALICO ROCK	4.86	.04				.63	.33	.02	.43	.05	T					.27	.71		.49	.49			.02		1.47	.14	.26						
CAMPDEN 1	4.94	2.10	.30	.02		T	.10	.09	T							.12	.06	1.86	T	.86			.29		.21	.71	.47						
CAMP CHAFFEE	4.58	.07				1.34	.16	T	1.10							.17			.35	.35			T	T	.21	.71	.47						
CARLEISLE 1 SW	5.43	1.00				.40	.55	.18	.26							.40			.31	.31					2.45								
CLARENDON	7.88	2.74	.28	.01		.17	.12	.91	.66	.03						.60			.94	.94	.01				1.30	.04	.07						
CLARKSVILLE	4.67	.06				.88	T	.21	1.18							.75			.75	.75				.40	.35	.48							
CLINTON	6.15	.20				.22	.26	.05	.92	.05						.76	.72	.10	.07	.29					1.93	.48	.09						
COLO SPRINGS	3.75	.40				.30	.80									.45			.45	.45					.20	.50	.30						
CONWAY	4.21	.74		T		.01	.12	.31	.02	.05						.30			.39	.39					1.90	.14	.02						
CORNING	4.81	.26				.89	.20	.02	.75	.08	.09					.10	.69		.21	.39					.69	.30	.25						
COTTER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COVE	2.68	.54				.11	.85	.10	.16										.20	.52					.20								
CROSSETT 7 S	4.70	1.24	T	.04			.74	.20	.03							T	.47	.80	.41	.41			.05		1.49	.17							
CRYSTAL VALLEY	4.29	1.21	.05			.19		.23	T	T						.43			.29	.29					1.52	T							
CUMMINS FARM	4.84	1.43					.23	T	T										.75	.75													
DAISY	3.02	1.35					.37	.15	.02	T									.27	.48					.37		.01						
DAMASCUS	4.09	.50	.04			T	.03	.15	T	.31	.04					.08			.80	.80			T		1.72	.25	.17						
DANVILLE	2.99	.36	.03			.03	.54	.03	.27	.04						.45			.40	.40					.24	.34	.30						
DARDANELLE	2.66	.02				.10	.48	.02	.19							.40			.31	.31					.62	.33	.19						
DE QUEEN	2.81	.70				.25	.33	.32	.41							.05			.42	.42					.08								
DERMOTT	5.67	1.84	.51	.02			.88	T	.21	1.18						.42			.70	.70			.82	.04	1.18	.24	.08						
OES ARC	5.42	1.70	.12	T		.10	.50	.25	.08	T						.42			.42	.42					1.04	.27	.24						
DEVILS KNOB	5.75	.08				1.26	.42	.01	.55	.20						.52			.54	.54					1.04	.60	.04						
DUMAS 1	7.55	1.82	.03	.05		.24	.02	.04	.67							.67			1.13	.50			.05		2.38	.05	.06						
EL DORADO CAA AP	3.92	1.46	.01	.05		T	.02	T								.09			1.93	.02	T			.06	.21	.08	.01						
EUREKA SPRINGS	5.05					.73		.20	.10	.15						.27	.68		.36	.36			.04		.17	.70	.65						
EVENING SHADE	5.18	T	T			.22	.25	T	.75	.28						.27	1.08		.87	.87					.93	.25	.28	T					
FAYETTEVILLE	3.53	T				.01	.98	.02	.41	.03	.28					.51			.22	.20			T	.04	.12	.16	.83						
FAYETTEVILLE CAA AP	4.01	T				.44	.75	.01	.40	.09																							

DAILY TEMPERATURES

ARKANSAS
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Table 5

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALUM FDRK	MAX MIN	45 38	51 34	54 39	57 47	53 39	48 43	55 46	74 51	79 59	79 49	68 43	65 39	64 36	64 36	60 40	54 36	60 29	59 44	53 38	50 29	56 28	65 33	67 47	65 47	63 53	55 45	52 40	61 30	59.9 40.6		
ARKADELPHIA	MAX MIN	47 41	47 40	59 42	61 57	54 45	51 46	50 47	76 50	81 56	77 53	66 43	77 53	66 43	62 45	57 37	64 38	49 28	59 41	48 28	59 32	68 35	71 47	62 58	67 53	62 55	58 45	66 32	61.9 43.4			
ASHDDWN	MAX MIN	60 42	54 39	65 44	64 57	62 49	62 48	62 45	59 48	80 54	81 57	80 58	67 50	70 41	69 38	74 39	72 51	58 41	63 28	60 41	52 42	52 39	60 32	68 35	68 47	66 58	71 50	64 45	64 32	66 29	65.4 44.1	
BALD KNDB	MAX MIN	47 38	50 34	56 40	55 46	47 38	48 42	55 44	65 51	78 51	81 51	76 45	61 43	68 41	60 31	53 35	60 38	50 27	56 36	53 26	48 36	44 29	53 28	65 29	68 48	70 46	67 51	62 47	58 37	55 30	58.3 39.1	
BATESVILLE LIVESTDCK	MAX MIN	40 26	44 20	47 24	58 38	53 30	43 32	47 36	56 38	60 45	75 55	75 32	59 30	67 25	64 23	57 30	64 20	53 20	62 20	55 29	51 19	47 15	56 15	64 24	65 40	67 39	67 38	55 31	45 25	56.3 28.7		
BATESVILLE L AND D NO 1	MAX MIN	45 32	45 23	57 32	55 40	50 36	48 42	55 43	68 50	75 53	68 38	75 43	66 34	67 43	64 26	60 33	51 26	61 33	61 35	53 27	49 35	54 23	64 26	65 44	69 40	67 53	62 46	46 38	59 29	58.5 35.8		
BENTDN	MAX MIN	46 40	49 36	55 41	58 49	50 44	49 46	50 44	74 52	80 58	75 50	64 32	69 42	65 33	62 42	55 32	55 33	62 25	54 37	52 39	48 32	59 23	67 30	69 48	68 48	62 55	58 47	49 29	63 25	59.8 40.4		
BENTDNVILLE	MAX MIN	44 34	46 27	57 32	53 40	50 36	50 42	57 46	68 53	75 52	67 36	57 30	63 31	65 27	58 32	54 42	56 28	61 29	52 37	49 33	45 30	56 25	67 39	61 59	58 46	54 50	50 46	54 30	56 21	56.2 35.9		
BLAKELY MOUNTAIN DAM	MAX MIN	44 34	47 36	49 37	57 43	60 42	50 43	51 47	59 52	75 46	81 43	74 38	60 31	68 33	66 36	65 36	54 34	56 27	58 30	53 23	49 23	59 26	66 34	69 42	62 56	62 48	52 44	53 28	59 28	59.6 38.5		
BLYTHEVILLE	MAX MIN	42 35	55 29	58 41	55 46	50 38	46 30	58 44	62 49	74 54	70 47	60 37	63 40	59 31	48 38	42 34	48 32	56 32	55 32	50 28	42 26	51 26	65 32	65 46	76 49	64 55	58 44	46 36	41 34	55.7 38.8		
BODNEVILLE	MAX MIN	46 40	50 32	65 34	58 47	54 41	51 45	57 47	82 57	73 45	65 45	67 42	68 32	57 36	57 43	65 31	68 26	57 42	53 31	64 26	55 42	50 30	69 37	69 48	64 53	59 50	54 43	60 38	62 30	60.9 40.8		
BRINKLEY	MAX MIN	45 36	51 33	58 38	59 43	50 40	50 32	58 44	70 50	80 50	80 49	63 40	66 39	66 40	60 42	54 39	53 32	25 41	59 39	48 32	45 32	55 25	65 40	70 48	72 54	65 49	61 43	51 36	53 34	60.0 39.3		
CAMDEN 1	MAX MIN	45 38	52 40	47 40	70 45	66 50	65 48	55 48	63 49	81 55	84 48	74 49	60 55	72 37	63 40	72 42	71 40	57 29	64 30	45 40	53 37	49 27	61 28	70 33	68 48	71 55	57 45	49 33	57 33	62.6 42.3		
CAMP CHAFFEE	MAX MIN	42 35	50 32	48 28	65 38	59 42	46 42	51 46	56 49	77 50	81 42	72 39	60 40	68 35	68 38	63 38	55 30	55 25	63 42	46 38	53 28	48 32	58 35	66 42	66 49	59 45	57 44	48 39	60 27	58.6 37.9		
CLARKSVILLE	MAX MIN	52 38	47 30	64 30	60 40	55 44	52 44	60 44	75 48	80 53	72 45	64 45	69 40	65 32	59 35	51 33	54 25	61 32	57 25	55 40	51 32	54 24	65 36	68 49	63 50	58 45	64 41	64 28	60.6 39.7			
CONWAY	MAX MIN	47 39	51 32	57 32	50 48	48 38	44 44	58 45	76 52	80 61	79 45	68 42	66 41	66 42	57 41	53 32	59 28	57 38	53 39	50 31	56 24	64 39	69 41	66 49	66 55	58 47	49 42	61 29	60.1 40.3			
CDRNING	MAX MIN	46 35	47 25	53 33	50 40	42 35	45 40	50 42	55 43	68 52	68 42	57 34	67 40	60 30	55 37	44 34	48 29	58 38	55 38	53 32	48 25	50 25	59 40	62 49	71 55	69 49	60 48	40 32	48 32	54.6 36.3		
CRDSETT 7 S	MAX MIN	52 46	52 40	61 44	61 58	58 53	51 51	60 57	83 61	80 61	69 50	71 46	80 46	62 37	63 37	63 42	62 42	63 27	59 37	64 42	46 36	46 26	69 32	67 48	71 50	67 53	62 40	55 43	61 33	65.8 45.1		
CUMMINS FARM	MAX MIN	47 38	43 37	63 42	61 53	60 45	60 42	59 46	78 51	81 60	80 42	64 43	67 43	64 31	62 40	60 42	53 36	60 30	57 32	48 30	45 27	55 22	67 46	70 50	72 53	62 49	61 43	57 34	61.3 41.4			
DARDANELLE	MAX MIN	49 39	49 31	65 37	61 51	54 40	55 44	75 44	82 52	66 46	68 42	69 42	58 42	68 34	62 39	58 41	54 34	63 27	60 41	56 34	51 26	65 34	69 51	65 51	59 46	55 46	60 44	65 30	61.2 41.0			
DE QUEEN	MAX MIN	60 41	53 38	69 41	64 47	53 47	54 48	57 43	75 53	85 62	73 54	62 47	73 40	69 35	66 36	69 49	62 37	64 28	57 41	54 39	56 36	60 41	68 34	70 48	60 53	60 48	67 34	69 30	69 23	64.6 42.3		
DES ARC	MAX MIN	40 34	45 35	51 36	45 40	40 40	47 43	54 45	61 53	69 53	80 48	69 43	68 43	66 36	40 42	57 42	50 33	54 29	61 34	52 36	47 28	46 28	55 32	61 38	70 50	72 52	65 38	60 33	42 33	57.6 39.5		
DEVILS KNDB	MAX MIN	42 33	46 26	55 32	53 43	49 34	48 39	55 43	75 49	82 57	66 45	67 38	61 38	60 35	55 40	52 33	47 30	55 32	49 30	48 25	51 35	56 31	62 37	56 47	52 48	48 35	57 31	60 29	54.3 36.7			
DUMAS 1	MAX MIN	46 42	46 39	64 45	62 56	64 50	62 48	60 48	80 54	80 55	75 55	63 43	70 45	63 35	64 40	73 42	52 36	60 30	50 39	50 33	43 26	58 26	69 35	70 49	74 53	69 55	60 49	50 36	56 36	61.9 43.7		
EL DDRADD CAA AP	MAX MIN	55 44	45 40	64 44	73 58	66 50	65 44	79 50	84 62	72 49	60 49	71 51	66 49	72 43	75 42	62 36	62 28	50 41	45 33	50 29	45 29	61 32	69 50	67 55	69 56	56 47	63 44	63 32	54.8 45.6			
EUREKA SPRINGS	MAX MIN	44 34	53 28	56 33	54 38	47 34	47 34	56 45	68 51	75 60	66 45	57 39	62 41	65 35	52 38	52 36	49 30	63 33	57 48	47 38	46 34	56 44	64 50	63 42	60 44	54 35	54 35	57 26	56.6 38.9			
FAYETTEVILLE	MAX MIN	42 35	47 24	57 37	54 42	48 40	50 43	62 46	69 53	74 57	67 41	58 38	63 41	64 30	63 42	55 45	48 26	60 40	52 36	49 26	47 27	57 30	64 44	64 51	54 40	50 46	57 36	57 26	56.6 38.4			
FAYETTEVILLE CAA AP	MAX MIN	42 27	46 20	60 37	52 41	50 42	51 45	62 47	69 54	75 46	66 44	59 33	62 33	64 28	63 38	53 39	45 28	60 24	52 40	49 31	46 26	54 22	61 35	64 49	60 45	50 37	55 30	56 23	56.4 35.9			
FAYETTEVILLE EXP STA	MAX MIN	42 34	47 23	57 34	47 30	47 42	62 45	69 51	74 60	80 46	66 38	60 34	58 36	62 29	58 43	57 44	48 32	45 28	54 40	48 34	45 28	54 28	62 37	62 50	61 49	55 46	50 35	55 24	56.4 37.5			
FLIPPIN CAA AP	MAX MIN	46 28	57 29	64 33	48 35	46 42	48 34	55 42	70 49	80 50	67 39	58 37	65 39	67 26	53 41	48 36	49 26	65 41	52 34	47 27	56 21	51 34	65 44	63 51	58 40	55 41	56 35	59 26	57.2 35.9			
FDRDYCE 6 W	MAX MIN	47 41	45 38	66 42	65 57	60 47	58 46	58 46	79 53	82 63	78 55	67 43	68 45	66 36	66 45	68 45	57 31	63 40	54 40	47 34	59 26	68 34	69 50	70 55	78 55	65 42	62 30	61 30	63.1 43.8			
FDRT SMITH WB AP	MAX MIN	48 37	47 33	66 35	58 47	47 42	51 46	55 48	75 53	81 41	71 41	59 41	68 41	66 36	63 40	55 43	53 34	64 29	46 43	56 30	48 30	56 30	65 40	63 43	57 45	51 48	60 38	62 31	58.8 40.6			
FT SMITH WATER PLANT	MAX MIN	53 39	52 35	62 27	61 42	56 48	52 45	59 47	72 55	78 48	77 45	66 36	66 42	64 28	63 33	63 42	56 24	59 35	54 35	54 28	54 22	62 35	65 44	64 51	58 41	53 46	60 32	62 25	60.9 38.4			
GILBERT	MAX MIN	44 35	57 28	64 36	63 48	49 36	49 36	64 36	73 54	80 40	75 31	63 37	68 29	68 23	56 38	56 46	46 24	68 39	59 48	51 29	50 17	60 28	64 49	64 64	62 49	54 42	57 30	60 25	60.7 35.0			
GRANNIS	MAX MIN	59 41	49 37	66 39	62 55	57 48	54 48	55 48	69 53	78 52	73 42	66 40	72 4																			

DAILY TEMPERATURES

ARKANSAS
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Table S-Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HOT SPRINGS 1 NNE	MAX	44	51	55	60	52	49	57	75	79	76	70	70	65	65	61	58	63	61	55	51	59	66	69	65	62	56	55	65				
	MIN	40	35	40	51	41	45	46	53	61	50	43	42	39	49	43	36	32	41	39	32	27	35	51	54	54	45	42	31				
JONESBORO	MAX	47	50	54	54	47	46	57	62	74	71	60	66	61	54	44	50	59	55	52	42	53	61	63	72	66	61	46	47				
	MIN	37	30	41	46	37	41	44	50	55	46	40	41	36	43	34	33	32	39	33	27	27	33	47	48	56	46	36	39				
KEO	MAX	46	46	58	57	49	49	58	74	82	73	63	68	63	61	54	55	59	52	50	46	54	67	69	71	64	59	47	59				
	MIN	39	34	41	47	40	43	45	51	60	47	40	41	41	40	41	41	40	41	34	27	38	37	31	25	42	46	39	31				
LEAD HILL	MAX	47	55	60	50	45	51	54	71	79	65	59	65	68	54	47	49	63	61	49	48	58	57	67	65	57	52	56	57				
	MIN	30	25	30	40	35	37	42	44	57	37	29	30	22	31	35	24	22	40	33	27	29	32	43	37	50	40	36	20				
LITTLE ROCK WB AP	MAX	47	48	56	56	47	48	57	74	81	69	58	67	62	59	53	53	58	48	50	45	52	64	68	69	63	56	45	61				
	MIN	38	37	43	45	40	45	46	52	64	51	47	44	41	44	42	39	32	42	39	31	30	36	51	55	54	45	40	33				
MAGNOLIA 3 N	MAX	54	49	65	72	73	62	65	80	83	81	70	71	71	75	73	56	63	55	49	49	60	69	69	65	68	65	52	62				
	MIN	43	40	42	60	54	49	50	55	60	60	50	48	42	42	51	43	40	41	41	37	27	35	45	54	54	48	43	31				
MALVERN	MAX	45	55	54	59	52	49	58	75	82	78	64	70	66	64	61	57	62	60	46	53	59	67	68	68	65	63	51	65				
	MIN	40	42	41	51	42	45	46	52	57	51	41	39	36	36	42	34	27	41	41	33	27	32	47	52	54	47	42	30				
MAMMOTH SPRING	MAX	46	55	61	63	45	47	42	47	73	69	62	67	65	59	46	50	64	61	51	47	56	59	63	68	65	57	56	57				
	MIN	35	23	33	43	33	40	42	47	54	47	29	40	23	31	34	24	22	39	33	24	19	28	42	41	54	43	35	28				
MAPIANNA 2 S	MAX	46	55	62	60	58	58	60	76	79	77	65	65	63	59	55	52	60	58	47	44	55	66	70	74	70	65	50	48				
	MIN	38	32	44	52	42	43	45	47	59	48	42	42	34	37	39	34	28	39	34	29	27	36	48	49	54	49	36	36				
MARKED TREE	MAX	46	53	58	57	50	50	59	65	76	74	61	64	60	55	46	50	58	54	50	43	53	64	69	74	68	63	47	42				
	MIN	37	31	43	47	39	41	44	51	56	45	41	41	32	41	36	33	30	38	33	27	27	33	47	47	56	46	36	36				
MARSHALL	MAX	42	55	62	60	47	50	60	71	76	71	62	65	61	59	51	47	61	55	48	48	56	62	67	62	58	52	57	57				
	MIN	37	28	35	41	35	36	41	52	62	42	34	42	28	37	35	27	25	42	34	26	21	26	43	46	50	40	37	25				
MENA	MAX	50	52	63	59	52	51	53	70	78	70	62	67	67	70	60	55	62	52	51	51	62	66	65	60	64	53	58	63				
	MIN	40	30	38	52	44	46	48	52	60	51	44	41	39	43	45	39	30	38	39	35	29	36	48	50	47	40	39	32				
MONTICELLO 3 S	MAX	53	49	63	62	69	67	64	79	82	80	67	70	67	68	75	55	60	58	50	47	60	69	71	72	69	62	57	61				
	MIN	41	39	39	59	53	48	49	55	62	57	47	45	35	39	42	39	28	42	40	34	25	34	52	54	55	52	40	35				
MORRILTON	MAX	48	51	59	55	51	51	55	75	79	76	66	67	65	62	55	52	60	56	53	49	54	64	67	64	61	56	54	63				
	MIN	40	32	40	48	38	43	46	53	57	48	45	40	34	42	42	34	28	40	40	30	24	40	30	24	33	47	48	55	46	42	29	
MOUNT IOA	MAX	43	52	61	59	52	50	55	75	80	78	64	68	66	67	62	56	62	56	54	51	58	69	65	68	62	62	59	64				
	MIN	34	36	36	46	43	42	45	47	54	45	39	36	30	33	39	31	24	35	40	34	21	32	42	52	53	44	37	29				
MOUNT MAGAZINE	MAX	45	46	53	55	54	50	56	65	69	71	64	58	65	55	50	45	51	46	43	41	46	55	59	58	51	45	50	54				
	MIN	28	27	35	44	35	42	49	50	57	47	44	42	38	43	34	31	32	32	29	26	25	39	45	44	45	34	31	32				
MOUNTAIN HOME	MAX	47	53	62	59	45	46	51	65	77	68	62	66	66	54	50	48	62	54	50	47	54	58	63	61	59	53	56	58				
	MIN	35	28	33	44	33	41	43	48	56	39	37	39	32	40	34	33	28	41	32	25	23	38	42	44	51	40	36	26				
MOUNTAIN HOME C OF ENG	MAX	39	46	52	63	47	43	47	52	66	78	64	56	65	66	53	47	48	62	53	49	46	54	56	63	59	58	54	56				
	MIN	30	28	30	33	34	36	42	44	48	39	35	36	26	27	34	31	25	32	33	25	22	22	35	41	48	50	36	25				
NARROWS DAM	MAX	46	51	48	72	61	51	53	57	76	81	72	61	73	67	72	70	60	64	53	55	55	59	67	68	61	67	54	62				
	MIN	37	39	38	43	46	46	47	48	50	55	45	37	31	32	35	35	27	28	42	37	24	30	31	46	49	50	41	29				
NASHVILLE PEACH SUBSTA	MAX	45	56	46	65	61	51	53	56	77	80	68	58	70	66	72	60	59	61	45	53	51	57	65	68	59	69	53	60				
	MIN	36	39	39	46	46	48	48	48	55	54	47	43	41	41	46	40	30	34	41	37	28	32	41	54	49	49	34	29				
NEWPORT	MAX	45	50	58	55	49	47	57	64	70	68	58	64	63	54	47	53	61	57	50	48	53	65	68	71	69	61	47	51				
	MIN	37	30	41	47	38	41	44	50	59	45	43	41	37	42	38	32	29	39	34	28	27	33	47	46	55	45	37	35				
NIMROD DAM	MAX	41	47	48	62	60	45	49	56	76	82	73	62	68	68	65	50	55	65	46	56	50	59	70	71	65	57	53	60				
	MIN	35	31	35	44	40	40	45	47	53	43	41	38	31	37	39	34	25	32	40	30	22	22	36	49	52	48	42	28				
OKAY	MAX	59	52	65	65	65	56	58	80	82	78	68	72	71	76	74	60	66	64	54	53	60	69	71	68	72	69	63	66				
	MIN	42	40	43	59	48	49	48	54	62	57	49	44	40	40	48	40	30	42	42	38	27	37	50	57	52	46	35	31				
OZARK	MAX	53	49	65	65	54	52	58	72	79	72	68	70	66	64	56	53	64	64	56	49	59	64	69	65	57	58	64	65				
	MIN	39	32	34	46	42	44	48	54	54	46	45	41	44	38	40	44	38	40	35	29	44	42	38	29	41	50	52	50	44	42	30	
PARAGOULO	MAX	47	47	53	51	45	45	54	59	70	69	61	64	62	55	44	47	54	54	50	42	49	59	64	74	66	62	42	45				
	MIN	35	28	35	43	36	39	42	47	51	41	35	40	31	38	34	30	28	34	31	26	25	28	43	46	53	42	35	34				
PARIS	MAX	50	47	64	60	53	50	58	76	81	73	65	68	66	62	54	54	63	57	53	51	58	65	68	65	58	53	62	63	</			

DAILY TEMPERATURES

ARKANSAS
FEBRUARY 1957

Table 5 - Continued

Station		Day Of Month																														Average			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31		
STUTTGART 9 ESE	MAX	41	46	45	58	58	55	47	57	71	79	69	67	65	61	59	62	53	58	48	46	41	53	65	67	71	64	52	41						57.1
	MIN	34	36	37	44	42	41	43	45	52	49	43	43	38	39	40	35	29	34	37	30	28	30	39	49	53	50	38	34						39.7
SUBIACO	MAX	50	48	64	59	55	51	60	75	81	76	64	67	65	62	57	53	63	59	54	50	58	68	70	62	58	53	61	62						60.9
	MIN	39	31	30	49	40	43	46	51	58	47	45	41	36	45	40	37	29	42	40	33	27	36	49	52	49	43	41	31						41.1
TEXARKANA WB AP	MAX	60	46	68	73	56	58	61	81	82	73	61	70	67	74	76	57	63	50	51	50	59	67	68	62	69	53	62	63						63.6
	MIN	44	40	44	56	52	49	49	54	62	59	52	47	45	48	54	44	37	43	43	37	30	41	50	57	52	40	39	35						46.5
TURNPIKE	MAX	39	41	54	53	47	47	57	62	70	67	59	60	57	54	50	47	54	49	45	47	51	56	63	59	59	49	52	56						53.7
	MIN	34	30	37	44	33	40	43	50	57	45	38	39	37	41	33	31	35	40	32	25	26	38	47	50		37	33	28						37.9
WALORON	MAX	47	54	63	60	57	52	63	75	82	74	69	65	68	75	64	53	64	60	54	53	61	67	67	62	60	55	59	61						62.3
	MIN	40	35	37	49	42	45	46	51	53	44	43	40	31	37	44	32	27	41	41	35	25	35	46	52	49	41	41	30						40.4
WALNUT RIOGE CAA AP	MAX	47	48	54	49	43	45	53	60	72	66	54	67	59	48	43	48	57	55	49	44	51	61	63	69	63	58	42	50						54.2
	MIN	32	28	42	38	37	41	43	47	53	42	37	41	32	37	35	29	28	39	32	27	26	31	44	49	51	39	36	33						37.5
WARREN	MAX	50	48	65	69	67	62	62	81	84	71	62	71	66	69	75	57	64	54	52	46	61	70	72	72	73	62	47	63						64.1
	MIN	42	39	43	57	51	48	48	57	67	57	47	46	37	43	48	38	29	41	41	35	27	34	37	55	57	46	42	34						44.5
WHITE ROCK	MAX	47	44	54	52	49	48	54	64	70	66	57	60	58	57	54	44	55	51	49	45	48	52	60	57	52	47	55	57						53.8
	MIN	33	27	33	46	37	41	45	50	57	50	38	38	38	42	35	31	33	37	31	34	25	39	46	47	47	34	30	32						38.4
WILSON	MAX	52	56	60	60	53	51	61	64	74	72	67	64	62	54	49	50		55	49	48	54	57	69	76	72	61	47	41						58.4
	MIN	30	29	44	49	40	42	46	51	56	45	39	40	31	40	40	36	31	37	36	29	27	29	47	47	57	47	37	36						39.9
WYNNE	MAX	44	50	58	57	51	48	63	66	77	72	61	64	61	53	55	50	58	53	46	43	54	65	68	73	67	60	46	44						57.4
	MIN	37	31	38	46	39	42	45	53	56	48	41	42	30	38	38	29	27	37	33	28	24	31	48	52	56	45	37	36						39.5

EVAPORATION AND WIND

Table 6

Station		Day of month																														Total or Avg			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31		
BLAKELY MOUNTAIN OAM	EVAP	.00	.02	.02	.00	.03	.02	.01	.01	.03	.09	.16	.10	.10	.09	.09	.01	.09	.07	*	.10	*	.16	.07	.08	.00	.10	.03	.07						1.55
	WIND	18	27	29	14	42	13	9	4	12	42	33	23	34	17	31	41	22	17	38	49	30	18	15	15	17	49	111	17						787
HOPE 3 NE	EVAP	-	-	-	.03	.07	.03	.00	.01	.08	.14	.20	.13	.14	.14	.14	.07	.07	.13	.04	.10	*	.18	.12	.09	*	.06	.07	.07						2.368
	WIND	31	82	25	20	90	62	57	40	38	85	56	37	48	24	44	69	41	29	92	101	62	19	16	24	15	35	65	39						1346
NARROWS OAM	EVAP	.04	.02	.01	.00	.04	.00	.01	.03	.08	.11	.13	.10	.13	.12	.08	.04	-	-	-	.21	-	-	.02	.08	.01	.06	.08	.05						1.778
	WIND	26	26	33	31	26	26	12	24	23	64	39	23	43	23	25	35	31	35	32	32	31	40	35	26	41	30	67	27						906
NIMROO DAM	EVAP	-	.02	.04	.05	.05	.00	.00	.00	.06	.10	.14	.09	.15	.10	.08	.05	.08	.09	.00	.10	.03	.10	.07	.08	.08	.00	.00	.04						1.668
	WIND	2	1	7	26	12	5	2	3	20	25	26	15	17	4	3	4	4	5	9	2	10	2	9	3	17	86	76	12						407
STUTTGART 9 ESE	EVAP	-	.06	.02	.00	.05	.02	.01	.01	.03	.12	.13	.08	.11	.09	.10	.02	*	.13	.03	.09	*	.10	.07	.06	.00	.05	.02	.06						1.518
	WIND	13	50	29	57	62	20	14	3	60	94	40	5	33	12	37	28	12	5	66	97	37	3	5	9	85	29	40	35						980

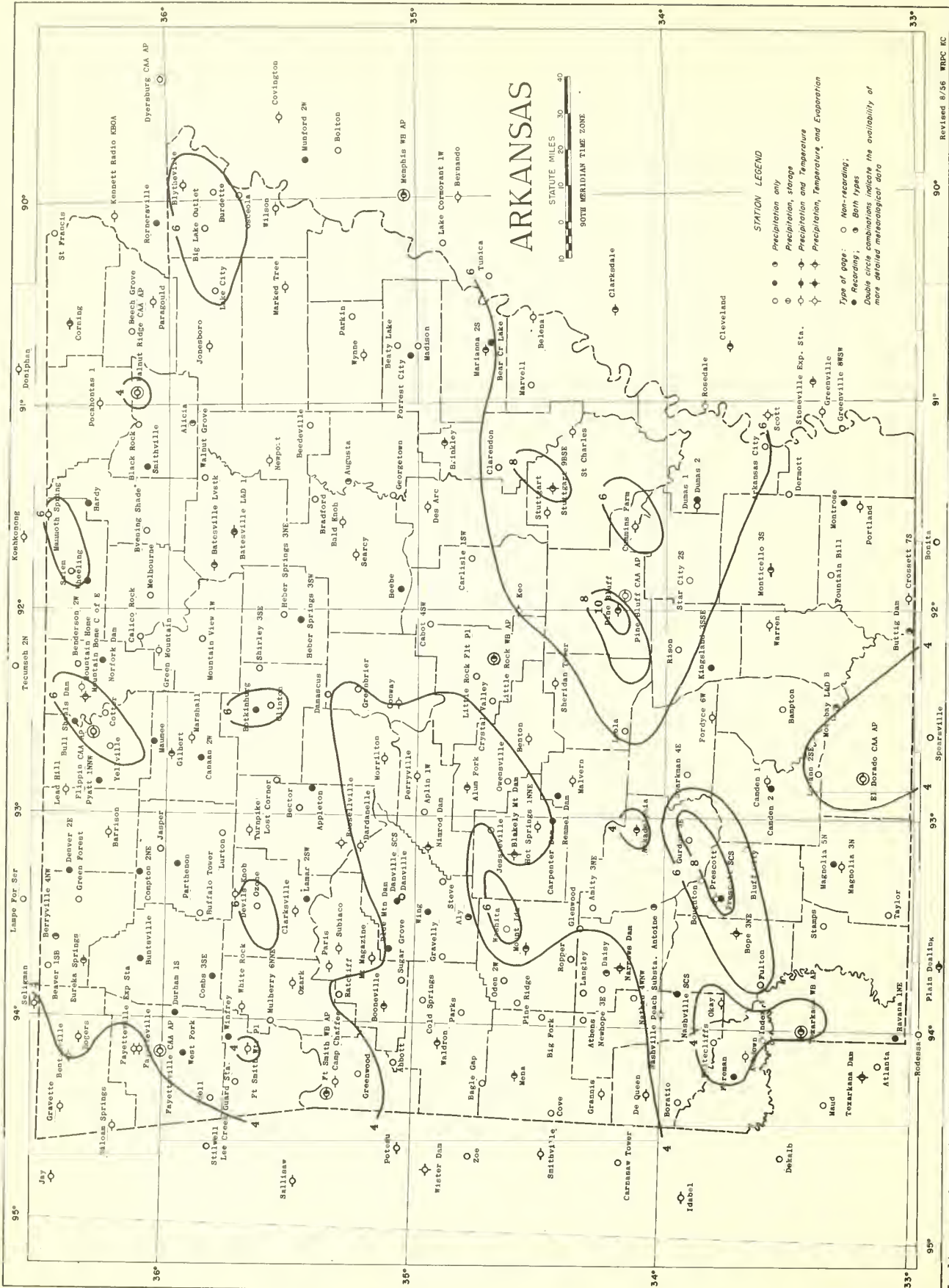
SNOWFALL AND SNOW ON GROUND

Table 7

Station		Day of month																																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
BLYTHEVILLE	SNOWFALL SN ON GND																																				
JONESBORO	SNOWFALL SN ON GND																																				
MARKED TREE	SNOWFALL SN ON GND																																				

TOTAL PRECIPITATION

FEBRUARY 1957

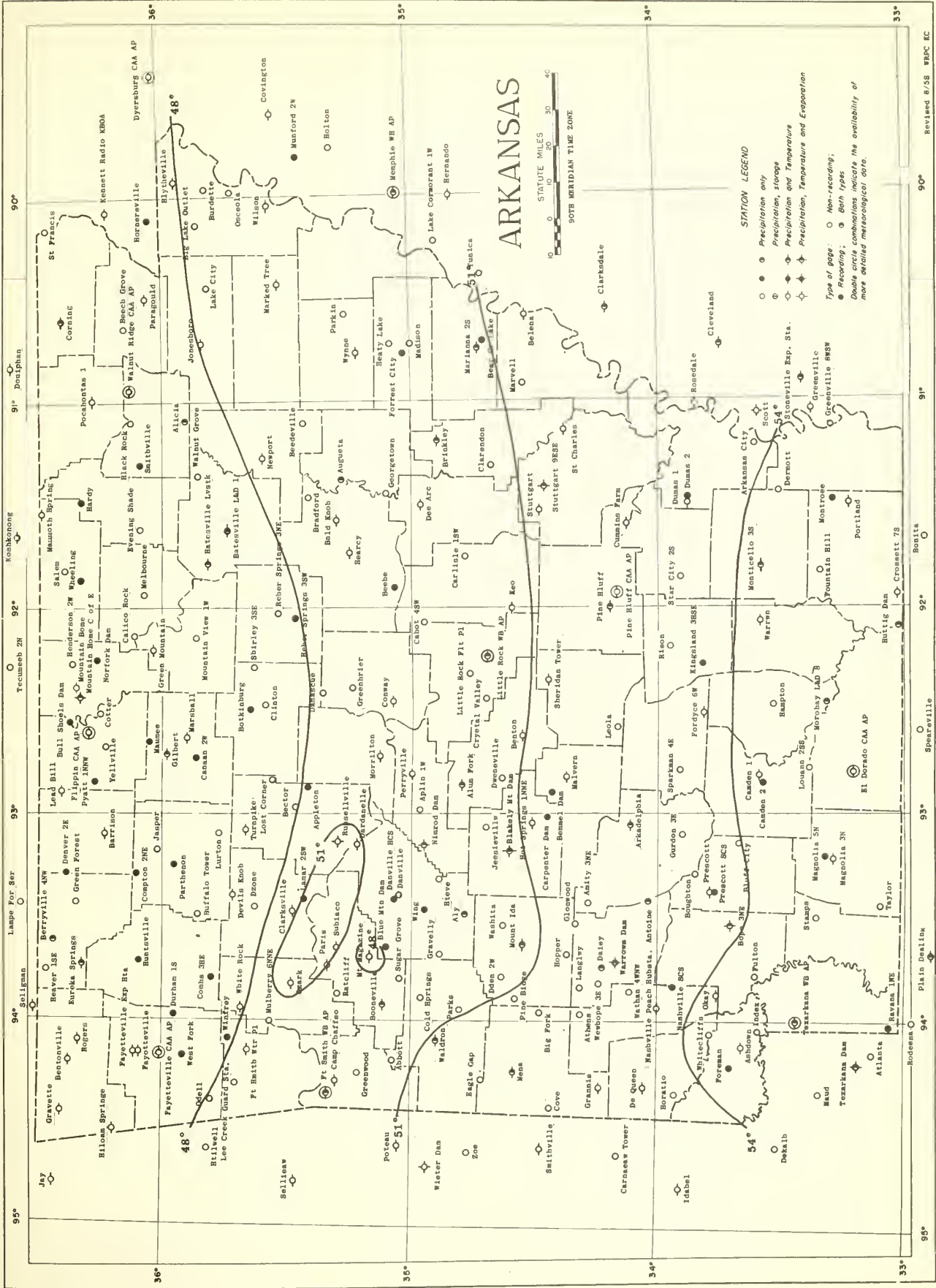


Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

Revised 8/56 WPC:IC

AVERAGE TEMPERATURE

FEBRUARY 1957



Isotherms are drawn through points of approximately equal values.

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location.

Water equivalent samples published in Table 7 are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in local standard time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

NWRC, Asheville, N. C. -- 4-4-57 -- 1000





C 30 18/5

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

AGRICULTURAL REFERENCE DEPARTMENT
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CLIMATOLOGICAL DATA

ARKANSAS

MARCH 1957

Volume LXII No. 3



WEATHER SUMMARY

Cool weather predominated during March. The frequent rains hampered field operations but benefited small grains and pastures.

Temperatures averaged near seasonal during the first few days of March. They dropped near the end of the first week as northerly winds brought in cold air. Minimums were generally below freezing on the 7th and 8th. Almost all stations registered their coldest temperatures for the month on the 8th. Monthly minimums ranged from 12 degrees at Gravette to the middle 20s in the counties near the Mississippi River. A mild spell began on the 10th and continued to the 14th. Most stations registered their highest temperatures for the month during this period. Monthly maximums were mostly in the 70s. They did not quite reach 70 degrees at a few stations in the northwest but reached 80 degrees or higher at a few stations in the extreme southeast. The highest temperature for the State, 83 degrees, occurred at Crossett 7S on the 14th. A cold front crossed the State on the 14th followed by a mass of polar continental air. This brought lower temperatures which persisted to near the end of March. The last two days were mild. Monthly mean temperatures ranged from 42.7 degrees at Mount Magazine to 55.1 degrees at Crossett 7S. The monthly mean temperature at Marked Tree was 0.3 degree above the long-term means. Temperature departures at the other stations ranged from -0.7 degree at Jonesboro to -5.7 degrees at Prescott. The monthly mean temperatures at most stations were between 2 degrees and 4 degrees below their long-term means.

Light rains fell on many days during March. Amounts sufficient to benefit agriculture were recorded on the 5th, 6th, 11th, 17th, 18th, 21st to 24th, and 31st. The heaviest showers occurred over the southwest section on the 17th and 18th. Several southwestern stations recorded 24-hour amounts in excess of three inches on the 18th. Monthly totals ranged from 1.11 inches at Salem to 8.90 inches at Horatio. Eight-inch totals oc-

curred at several stations in the general vicinity of Horatio. Several counties in that part of Arkansas received more than six inches of rain during the month. Most of the southern half of the State received more than four inches. The southern stations near the Mississippi River received slightly less than four inches. At the other extreme, numerous stations in the northeast received less than two inches. Light snow flurries of little importance fell at many northern stations on the 7th. In general, the monthly precipitation totals exceeded the long-term means at most stations in the southwest but were less than half the long-term means over several northeastern counties. Elsewhere over the State, precipitation was generally between 50 percent and 100 percent of the long-term means.

The general freeze on the 8th retarded the growth of vegetation. The widespread rains shortly after the middle of the month halted farm work throughout the State. Frequent rains during the latter part of the month and wet soils caused further delays. Disking and breaking progressed where the fields were not too wet. Some corn and cotton land was prepared for planting. Some early vegetables were planted. Field work was expected to make rapid progress as soon as more fields dried and warm weather came. Oats, wheat, and winter pastures made excellent growth. Livestock made good gains. Fruit trees bloomed. Strawberry prospects continued excellent. Most sections needed a spell of dry sunny weather.

STORMS

Hail and high winds caused extensive damage to roofs, windows, and signs in Drew, Bradley, and Ashley Counties on the afternoon of March 5.

Lucius W. Dye
Climatologist
Weather Records Processing Center
Kansas City, Missouri

SUPPLEMENTAL DATA

ARKANSAS
MARCH 1957

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total	Percent of possible sunshine
FORT SMITH WB AIRPORT	ENE	18	9.6	34	SW	10	76	80	57	59	3	6	8	0	0	17	38	7.4
LITTLE ROCK WB AIRPORT	E	10	9.7	40	N	21	72	77	55	58	4	4	8	2	1	19	45	7.0
TEXARKANA WB AIRPORT	ENE	11	7.0	-	-	-	-	82	-	-	4	4	4	1	0	17	-	-

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet			No. of Days		
										90° or Above	32° or Below	32° or Below	0° or Below					Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
NORTHWEST DIVISION																							
BENTONVILLE	56.2	35.0	45.6	-	72 13	17 8	593	0	0	10	0	3.27	1.23	24	T	0	0	0	6	3	1		
EUREKA SPRINGS	57.1	35.5	46.3	- 3.1	74 13	14 8	572	0	0	10	0	3.16	- .80	1.07	18	T	0	0	6	3	1		
FAYETTEVILLE	57.3	36.2	46.8	-	73 13	18 8	557	0	0	9	0	3.05	.92	17	T	0	0	1	6	3	0		
FAYETTEVILLE CAA AP	55.9	34.1	45.0	-	70 13	19 8	614	0	0	11	0	3.24	1.23	17	T	0	0	0	1	1	0		
FAYETTEVILLE EXP STA	56.5	34.8	45.7	- 3.3	69 13+	17 8	593	0	0	11	0	3.05	- .41	.89	17	T	0	0	6	3	3		
GRAVETTE	57.0	34.1	45.6	- 2.1	73 13	12 8	594	0	0	12	0	3.99	.45	1.53	31	T	0	0	9	2	2		
HARRISON	59.2M	34.2M	46.7M	- 2.2	74 13	12 8	550	0	0	0	0	2.34	-	.75	24	T	0	0	9	2	0		
LEAD HILL	58.9	34.3	46.6	- 1.5	75 13	14 8	563	0	0	16	0	2.20	- 1.10	.78	17	T	0	0	9	2	0		
RODGERS	56.5	36.2	46.4	- 2.4	72 13	18 8	572	0	0	9	0	3.59	- .09	1.04	17	T	0	0	7	3	1		
SILDAM SPRINGS	57.1	36.5	46.8	-	72 13	16 8	556	0	0	9	0	2.54	.97	24	T	0	0	6	2	0			
DIVISION			46.2	- 2.3								3.04	- .74			T							
NORTH CENTRAL DIVISION																							
FLIPPIN CAA AP	58.5	35.4	47.0	-	76 13	19 8	554	0	0	11	0	1.94	.51	17	T	T	7	5	1	0			
GILBERT	61.1	34.3	47.7	-	76 11	17 8	536	0	0	16	0	2.03	.91	24	T	0	0	6	1	0			
MAMMOTH SPRING	59.2	35.2	47.2	- 2.0	74 13+	19 8	543	0	0	13	0	1.96	.38	12	T	0	8	7	0	0			
MARSHALL	59.5	37.5	48.5	-	73 11	16 8	505	0	0	8	0	1.90	.69	24	T	0	0	5	2	0			
MOUNTAIN HOME	59.2M	36.5M	47.9M	- 1.3	73 13	20 8	523	0	0	0	0	2.08	.63	23	T	0	0	5	2	0			
MOUNTAIN HOME C DF ENG AM	57.3	33.3	45.3	-	74 14	19 8	603	0	0	14	0	2.29	.68	24	T	T	7	6	2	0			
DIVISION			47.3	- 1.4								2.03	- 2.04			T							
NORTHEAST DIVISION																							
BALD KNDS	61.1	39.8	50.5	-	73 14+	22 8	443	0	0	5	0	2.41	.38	24	T	0	0	9	0	0			
BATESVILLE LIVESTOCK AM	59.8	34.3	47.1	-	75 15	19 9	547	0	0	14	0	2.06	.78	18	T	0	0	8	1	0			
BATESVILLE L AND D ND 1	61.5	37.0	49.3	-	75 14	23 8	482	0	0	12	0	2.25	- 2.58	.64	18	T	0	6	1	0			
BLTYHEVILLE	59.9	39.5	49.7	- 1.5	75 14	25 8	467	0	0	5	0	1.74	- 3.60	.50	18	T	0	5	1	0			
CORNING	58.9	38.5	48.7	- 1.6	73 30	22 8	495	0	0	8	0	1.91	- 2.91	.46	12	T	0	6	0	0			
JONESBORO	60.4	40.9	50.7	- 0.7	76 14	24 8	437	0	0	4	0	1.73	- 3.70	.81	18	T	0	6	1	0			
MARKED TREE	60.3	40.2	50.3	- 0.3	75 14	25 8	450	0	0	4	0	1.89	- 3.81	.75	18	T	0	4	2	0			
NEWPORT	61.6	41.1	51.4	- 0.8	75 13+	25 8	416	0	0	3	0	1.82	- 3.37	.54	18	T	0	6	2	0			
PARAGOULD	59.0	38.0	48.5	-	71 30	24 8	505	0	0	9	0	2.59	.84	18	T	0	8	2	0				
PDCAHONTAS 1	60.5	37.1	48.8	- 1.6	75 14	21 8	496	0	0	12	0	2.30	- 2.52	1.00	24	T	0	1	1				
SEARCY	61.7	40.6	51.2	- 1.0	74 14	24 8	421	0	0	3	0	3.16	- 2.34	1.00	18	T	0	1	1				
WALNUT RIDGE CAA AP	58.7	38.2	48.5	-	74 14	24 8	505	0	0	8	0	1.92	.45	11+	T	0	0	7	0				
WILSDN																							
DIVISION			49.6	- 1.4								2.15	- 3.06			T							
WEST CENTRAL DIVISION																							
BOONEVILLE	60.4	39.5	50.0	- 2.7	77 11+	20 8	461	0	0	6	0	4.43	.25	.83	18	T	0	9	5	0			
BATESVILLE	58.9	37.7	48.3	-	76 12+	20 8	510	0	0	8	0	3.15	.66	18	T	0	0	9	1	0			
CAMP CHAFFEE AM	60.5	39.1	49.8	-	76 11	21 8	465	0	0	7	0	4.07	1.02	17	T	0	0	8	4	1			
CLARKSVILLE	61.3	40.5	50.9	- 2.6	77 13	24 8	498	0	0	2	0	4.57	1.21	18	T	0	0	11	2	2			
GARDANELLE	54.8	36.1	45.5	-	67 11+	15 8	530	0	0	8	0	4.09	1.77	24	T	0	7	8	3	1			
DEVILS KNDS	58.6	39.9	49.3	- 3.0	77 13	22 8	479	0	0	3	0	2.40	- .69	.48	17	T	0	8	0	0			
FORT SMITH WB AP	59.7	37.5	48.6	-	73 13	15 8	503	0	0	9	0	2.93	.76	23	T	0	0	0	0				
FT SMITH WATER PLANT	61.0	38.7	49.9	- 2.2	72 13	17 8	458	0	0	4	0	7.85	3.04	1.50	18	T	0	12	7	3			
GRANNIS	60.7	39.4	50.1	- 2.5	75 11+	20 8	461	0	0	6	0	6.72	2.00	2.68	18	T	0	10	4	1			
HENA	50.7	34.7	42.7	-	66 11+	13 8	686	0	0	8	0	5.94	1.10	31	T	0	0	8	6	1			
MDUNT MAGAZINE	60.5	40.6	50.6	- 1.0	76 11	20 8	442	0	0	5	0	3.40	- .50	.98	24	T	0	7	3	0			
DZARK	60.3	39.4	49.9	-	78 11	21 8	468	0	0	5	0	3.89	.82	17	T	0	0	8	4	0			
PARIS	61.3	40.4	50.9	-	76 13	23 8	431	0	0	3	0	3.94	1.26	31	T	0	0	12	2	1			
SUBIACO	60.4	40.3	50.4	- 2.3	77 11	22 8	449	0	0	3	0	3.98	- .35	1.00	24	T	0	8	3	1			
TERRAPIN	54.0M	37.0M	45.5M	-	71 11	16 8	595	0	0	8	0	3.62	1.18	31	T	0	0	10	3	1			
TURBPIKE	60.6	38.5	49.6	-	78 11	21 8	476	0	0	7	0	4.88	.95	21	T	0	0	10	3	0			
WALORDN	54.0	36.7	45.4	-	68 13	16 8	602	0	0	7	0	3.90	1.07	24	T	T	7+	6	3	1			
WHITE ROCK																							
DIVISION			48.7	- 2.9								4.34	- .07			T							
CENTRAL DIVISION																							
ALUM FDRK	61.3	38.6	50.0	-	73 13+	23 8	460	0	0	6	0	5.44	1.10	17	T	0	0	12	5	2			
BENTON	62.1	39.3	50.7	-	76 13	22 8	437	0	0	5	0	5.04	1.79	18	T	0	0	10	2	1			
BLAKELY MOUNTAIN OAM	60.8	37.5	49.2	- 2.7	75 14	25 8	482	0	0	9	0	6.38	2.36	18	T	0	0	9	4	2			
CONWAY	61.6	40.2	50.9	-	74 13+	24 8	431	0	0	4	0	3.81	- 1.40	.89	17	T	0	9	2	0			
HOT SPRINGS 1 NNE	62.3	41.7	52.0	- 2.8	76 13	24 8	393	0	0	2	0	6.72	1.35	1.62	17	T	0	13	5	2			
LITTLE ROCK WB AP	60.2	41.9	51.1	- 1.7	74 10+	26 8	427	0	0	2	0	5.12	.27	1.57	17	T	0	11	3	1			
MALVERN	63.3	39.7	51.5	-	77 13	21 8	412	0	0	5	0	5.06	1.37	17	T	0	0	11	4	1			
MORRILTON	61.0	40.5	50.8	- 0.8	75 13	25 8	438	0	0	2	0	4.86	.08	1.67	18	T	0	10	3	1			
NIMROD DAM	60.5	36.5	48.5	-	75 14	22 8	504	0	0	9	0	5.79	1.89	18	T	0	0	10	5	1			
PERRYVILLE	62.3	38.9	50.6	- 1.3	76 13+	23 8	438	0	0	6	0	5.04	.21	1.36	17	T	0	11	3	1			
SHERIDAN TOWER	60.8	41.8	51.3	-	74 10+	26 8	418</																

CLIMATOLOGICAL DATA

ARKANSAS
MARCH 1957

TABLE 2 - CONTINUED

Station	Temperature										Precipitation														
	Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet			No. of Days				
										Max.	Min.	30° or Above	32° or Below					0° or Below	1.00 or More	1.00 or More	Total	Max. Depth on Ground	Date	10 or More	50 or More
EAST CENTRAL DIVISION																									
BRINKLEY	62.9M	39.0M	51.0M	- 2.2	76	31	24	8	427	0	0	5	0	4.59	- .70	1.28	12	T	0		11	3			
OES ARC	60.2	38.6	49.4		74	14+	25	8	475	0	0	4	0	4.00		1.07	18	.0	0		9	3			
HELENA	62.3	42.1	52.2	- 1.7	77	14	26	8	394	0	0	2	0	3.55	- 2.17	.97	6	T	0		9	3			
KEO	61.5	40.5	51.0		76	14	25	8	427	0	0	3	0	5.19		.80	17	T	0		12	4			
MARIANNA 2 S	61.5	40.4	51.0	- 2.1	76	14	25	8	427	0	0	4	0	3.30	- 1.85	.60	12	T	0		9	2			
SAINT CHARLES	60.9	41.6	51.3		77	15	26	8	420	0	0	4	0	3.67		.98	18	T	0		10	2			
STUTTART	62.6	41.4	52.0	- 2.0	78	14	26	8	397	0	0	3	0	5.33	- .36	1.40	12	.0	0		4	2			
STUTTART 9 ESE	58.7	37.8M	48.3M		75	15	25	8+	508	0	0	4	0	4.26		.88	12	.0	0		9	3			
WYNNE	60.0	39.9	50.0		73	13+	26	8	459	0	0	5	0	2.16		.72	18	T	0		8	1			
DIVISION			50.7	- 2.5										4.01	- 1.50			T							
SOUTHWEST DIVISION																									
ASHOON	63.8	41.0	52.4		75	13+	22	8	382	0	0	4	0	7.18		1.54	17	.0	0		12	6			
DE QUEEN	64.1	39.2	51.7		77	14	19	8	410	0	0	6	0	8.53		3.96	18	.0	0		11	3			
HOPE 3 NE	62.3	40.1	51.2	- 2.8	76	14	22	8	420	0	0	3	0	5.23	- .09	1.52	18	.0	0		10	4			
MOUNT IDA	61.2	35.8M	48.5M	- 2.7	73	13	19	8	507	0	0	9	0	7.91	- 2.74	2.68	18	T	0		9	5			
NARROWS DAM	62.5	37.0	49.8		75	14	19	8	465	0	0	8	0	8.13		3.15	18	.0	0		9	5			
NASHVILLE PEACH SUBSTA	60.5	38.3	49.4		73	14	21	8+	477	0	0	4	0	7.93		3.03	18	.0	0		9	6			
OKAY	65.0	42.4	53.7	- 2.5	76	13	21	8	346	0	0	1	0	6.38	1.56	1.63	17	.0	0		12	6			
TEXARKANA WB AP	62.3	43.7	53.0	- 3.0	76	13	23	8	363	0	0	2	0	5.36	.43	1.28	17	.0	0		9	5			
DIVISION			51.2	- 2.6										7.08	2.25			T							
SOUTH CENTRAL DIVISION																									
ARKADELPHIA	64.1	41.2	52.7		76	10	23	8	375	0	0	4	0	5.94	3.74	1.90	18	.0	0		8	6			
CAMOEN 1	64.5	40.2	52.4	- 2.9	79	14	25	8	384	0	0	2	0	7.76	2.49	2.62	31	.0	0		10	5			
EL DORADO CAA AP	64.6	42.0	53.3	- 3.1	78	13	23	8	357	0	0	3	0	5.12	- .40	1.37	31	.0	0		9	4			
FOROYCE 6 W	64.2	42.2	53.2		77	13+	21	8	363	0	0	3	0	5.36		1.00	18	.0	0		11	5			
MAGNOLIA 3 N	64.4	42.7M	53.6M	- 3.6	78	13	22	8	353	0	0	0	0	4.93	.50	1.06	3	.0	0		10	4			
PRESCOTT	62.2	37.5	49.9	- 5.7	77	14	21	8+	462	0	0	6	0	5.88	.75	1.80	18	.0	0		10	5			
WARREN	64.7	42.5	53.6	- 3.0	82	14	24	8	351	0	0	2	0	5.69		1.09	18	.0	0		9	5			
DIVISION			52.7	- 2.7										5.81	.64			.0							
SOUTHEAST DIVISION																									
CROSSETT 7 S	67.8	42.4	55.1	- 1.0	83	14	26	8	304	0	0	4	0	4.08	- 1.49	.93	18	.0	0		9	3			
CUMMINS FARM	62.9	40.1	51.5		74	14	25	8	413	0	0	3	0	4.21		.87	18	.0	0		9	4			
DUMAS 1	63.1	42.6	52.9	- 2.5	81	14	25	8	374	0	0	2	0	4.05	- 1.88	.80	18	T	0		10	3			
MONTICELLO 3 S	64.1	42.6	53.4		79	14	24	8	360	0	0	3	0	4.80		1.02	18	.0	0		7	5			
PINE BLUFF	62.7	43.1	52.9	- 2.7	79	13+	25	8	373	0	0	1	0	4.50	- 1.06	1.09	18	T	0		9	4			
PINE BLUFF CAA AP	61.8	41.7	51.8		79	14	25	8	405	0	0	3	0	4.99		1.26	31	T	0		11	2			
PORTLAND	63.4	40.6	52.0	- 4.0	80	14	26	8	396	0	0	3	0	5.20	- .37	1.10	3	T	0		9	5			
DIVISION			52.8	- 2.7										4.55	- 1.21			T							

DAILY PRECIPITATION

ARKANSAS
MARCH 1957

Table 3

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ABDOTT	5.28				T	.96					T	.20						.95		.73		.13	T	.03	.58		.90	.78		.22	*	
ALICIA	1.29					.19	T	.26	T		.11	.20					.52	T	.72		.04	.12	T	.20	.12							
ALUM FORK	5.44		.28			.07	.21	.26	T		.11	.20				1.10	.72		.47	T	.15	.53	T	.12	.12							
ALY	7.29		.35			.04	.22				.03	.44					2.51		.74	T	.74		.88	T								
AMITY 3 NE	7.00		.41			T	.04	.22			.03	.44					2.15		.74	T	.74		.88	T								
ANTDINE	5.80		.50		.04	.07	.24				.49					1.84		.84		.13	.80	.11	.07	.69		.69					.20	
APLIN 1 W	6.10		.51		.21	.22	T				.58					1.97		.61	.11	.54	.12	.54	.12	.54	.12	.54	.12	.54	.12	.54	.12	
ARKADELPHIA	5.94		.55		.05	.16				.05	.55					1.90		.81		.12	.35	.02	.05	.75	.02	.05	.75	.02	.05	.75	.02	
ARKANSAS CITY	3.62		.56		T	.03	.37	.05			.18	.59				T	.72		.72		.12	.35	.02	.05	.75	.02	.05	.75	.02	.05	.75	
ASHDWN	7.18		1.02	T		.12	T	.47			.18	.59				1.54	.49		.91	.08	.63	T	.06	T	.21	.62		.04	.22			
ATHENS	7.06		.41			.06	T				.12	.37					2.91		.72		T	.38	.10	.09	T	.75					1.15	
AUGUSTA	2.50		T			.25	.36				.29					T	.75		.09	.11	.38	T	.28	.04	.04	.04	.04	.04	.04	.04	.04	
BALD KNOB	2.41				.22	T	.19				.14	.17				T	.75		.37	.36	.06	.11	.38	T	.28	.04	.04	.04	.04	.04	.04	
BATESVILLE LIVESTOCK	2.06				.15	.17					.15	.17				T	.75		.15	.17	.15	.17	.15	.17	.15	.17	.15	.17	.15	.17	.15	
BATESVILLE L AND D ND 1	2.25				T	.26	.15	T			.29					T	.75		.09	.64	T	.04	.05	.41	T	.04	.04	.04	.04	.04	.04	
BEATY LAKE	3.05		.05		.32	.27	.30				.23	.29				.11	.17		.11	.08	T	.17	T	.10	.19	.19	.19	.19	.19	.19	.19	
BEAVER 1 SE	3.24				.02	.27	T	T	T		.23					.09	.84		.08	.33	.08	1.03	.08	.02	T	.44						
BEECH GROVE	1.73					.12					.15	.15				.05	.50		.05	.50	.10	.10	.81	T	.44							
BEEDEVILLE	1.86					.37			.03		.15	.07				.08	.65		.39	.08	.65	.39	.08	.65	.39	.08	.65	.39	.08	.65	.39	
BENTON	5.04		.28			.24	.31	T			.20	.20				T	.75		.87		.06	.10	.16	.02	.48							
BENTONVILLE	3.27				.02	T	T				.18					.08	.72		.12	.25	.05	1.23	.07	.03	.52							
BERRYVILLE 4 NW	3.19				.15	.02	T	T			.06					.11	.91		.10	.40	.06	1.11	.03	.02	.60							
BIG FORK	6.37		.42		.15	.02	T	T			.06					.11	.91		.10	.40	.06	1.11	.03	.02	.60							
BIG LAKE OUTLET	2.21				.16	.10					.41	.03				.01	.64		.41	T	.20	.10	.30	.05	T	.02						
BLACK ROCK	1.62				.04	.09	.13	T			.20					.02	.42		.03	T	.20	.10	.30	.05	T	.02						
BLAKELY MOUNTAIN DAM	6.38		.44		T	.07	.17				.09	.21				2.36		.48	.02	.64	T	.19	.65	.65	1.06							
BLUFF CITY 3 SW	-		1.03			T	.33				.22	.19				1.42		.56	.02	.66	.08	.24	.29	.29	.29	.29	.29	.29	.29	.29	.29	
BLYTTEVILLE	1.74				.08	.09	.16	.02			.43			.01		.40	.50		.18	.01	.06	.15	.08	.08	.08	.08	.08	.08	.08	.08	.08	
BODNEVILLE	4.43		.15		.55	.15	T				.06					.03	.83		.03	.83	.18	.18	.01	.01	.79							
BDUGHTON	5.55		.85		T	.30					.11	.48				.11	.48		.86	.05	.68	.58	T	.05	.43							
BRADFORD	2.43				.07	.39	.02				.35					.03	.72		.03	.72	.25	.29	.22	.05	.26							
BRINKLEY	4.59		T	.15		.20	.40	.50	T		.12	1.28				.25	.99		.15	.20	.40	.50	.22	.05	.26							
BUFFALO TOWER	3.33		T	T		.10	.05	T			.75					.64		.10	.22	T	1.55	.05	.07	.33								
BURDETTE	2.29				.24	.20					.75					.20		.89	.32	.28	.06	.03	.44	.09	.01	.28						
CABDT 4 SW	4.07		.30		.18	.60	.36				.30	T				.89	T	.24	T	.24	.05	.30	.46	T	.38							
CALICO ROCK	1.69				T	.20	.03	T			.15	.33	.04			.14	.38		.02	.13	.24	.02	.27	.22	.22	.22	.22	.22	.22	.22	.22	
CAMDEN 1	7.76		1.08			.30					.15	.33	.04			1.44		.66	.66	.66	.66	.66	.66	.66	.66	.66	.66	.66	.66	.66	.66	
CAMP CHAFFEE	3.15				.07	.42	.07				.03					.13	.66		.13	.66	.15	.37	.12	.05	.19							
CARLISLE 1 SW	4.20		.26		T	.30	.39				.33					.33		.10	.33	T	.33	.33	.33	.33	.33	.33	.33	.33	.33	.33	.33	
CLARENDON	4.52		.34		.03	.36	.60	.05			1.03					.40	.3		.19	.06	.17	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	
CLARKSVILLE	4.07		.10		.10	.03					.03					1.02	.07		.53	.03	.42	.71	.10	.93								
CLINTON	4.00				.15	.12	.16				.12	.16				.39	.24		.24	.24	.24	.24	.24	.24	.24	.24	.24	.24	.24	.24	.24	
COLD SPRINGS	5.39		.25		.15	.25	.25	.10			.06					.90	.10		.90	.10	.45	.18	.85	.85	.85	.85	.85	.85	.85	.85	.85	
CONWAY	3.81		.17		.07	.02	.17				.21	T				.89	.32		.28	.06	.03	.44	.09	.01	.28							
CORNING	1.91				.06	.05					.46					.36		.21	.27	.34	.16	.16	.16	.16	.16	.16	.16	.16	.16	.16	.16	
COVE	7.35		.63	.22	.12	.11					.19	.26				.06	.93		T	1.02	.91	T	.26	T	.99							
CROSSSETT 7 S	4.08		.24	.32		.05	.03	.23			.15	.26				.06	.93		T	.91	.91	T	.26	T	.99							
CRYSTAL VALLEY	4.54		.12		.28	.05	.62	.23			.15	.26				1.69		.23	.87	.58	.06	T	.05	.15	.15	.15	.15	.15	.15	.15	.15	
CUMMINGS FARM	4.21		.28	.05	.32	T	.23	T			.18	.33				3.38		.73	.05	1.20	.02	.05	.93	1.08								
OAISY	8.57		.52			.10					.18	.33				3.38		.73	.05	1.20	.02	.05	.93	1.08								
DAMASCUS	4.47		T		.16	.06					.05	.76				.05	1.32		.14	.10	.83	.23	.06	.71								
DANVILLE	5.82		.24		.21	.15	.01				.33					1.49		.50	.10	.80	.10	.16	.65	1.08								
DARDANELLE	4.57		.16		.21	.13					.31					1.21		.21	.16	.48	.10	.06	.44	1.10								
DE QUEEN	8.53		.45		.05	.27					.10	.31				3.96		.75	.15	.35	.17	.30	.48	1.50								
DERMOTT	3.81		.68		.40	.31	.10				.42					.71		.81	.14	.14	.14	.14	.14	.14	.14	.14	.14	.14	.14	.14	.14	
DES ARC	4.00		.16		T	.59	.55	.06			T	.35				.15	.07		.15	.09	.22	.06	T	.35	.35	.35	.35	.35	.35	.35	.35	
DEVILS KNOB	4.09				.10	.05	.35				.26	.35				.18	.61		.02	.14	.35	.03	1.77	.02	.13	.09						
DUMAS 1	4.05		.32	.02	.22	.14	.28	.02			.02	.23				.16	.80		.77	.06	.03	.17	.13	.01	.09							
EL DORADO CAA AP	5.12		.68	T	T	.10	.11	T			.20	T				1.12	.01		.03	.77	.63	.03	.08	.07	.12	.07						
EUREKA SPRINGS	3.16				T		T				.05					.09	1.07		.12	.36	.12	.89	.07	.02	.37							
EVENING SHADE	2.13				T	.10	.11	T			.38	T	.11			.55	T	.05	.13	.31	T	.25	.14	.14	.14	.14	.14	.14	.14	.14	.14	
FAYETTEVILLE	3.05		T		.11	.04	.01	T			.02	.38				.92	.01		.03	.35	.64	.60	.20	T	.17							
FAYETTEVILLE CAA AP	3.24		T		.03	.18	.04	.01	T		.02	.38			</																	

DAILY TEMPERATURES

ARKANSAS
MARCH 1957

Table 5

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALUM FORK	MAX	66	65	51	53	54	49	45	49	61	71	70	68	73	73	63	67	68	68	65	62	52	52	56	59	58	51	59	65	69	69	68
	MIN	38	39	37	36	40	42	32	23	30	35	59	40	34	54	33	31	45	45	39	36	41	42	39	43	32	35	28	40	39	39	51
ARKADELPHIA	MAX	69	64	56	57	57	53	53	50	65	76	71	71	72	72	67	74	61	68	68	67	53	65	63	63	58	56	62	66	73	71	65
	MIN	34	41	44	42	44	44	39	23	31	37	61	42	37	50	38	32	50	48	39	42	43	44	43	44	41	38	31	43	37	41	54
ASHOOWN	MAX	68	65	57	56	55	56	54	50	66	74	73	72	75	75	65	68	67	64	66	67	57	68	66	55	49	55	59	65	70	69	71
	MIN	33	37	46	44	46	42	36	22	29	43	53	46	40	52	31	33	48	48	38	45	44	41	49	38	41	38	32	42	37	41	56
BALD KNOB	MAX	65	63	50	55	52	47	46	45	57	68	72	70	72	73	64	67	63	66	63	60	51	50	63	64	62	49	60	65	70	73	63
	MIN	33	48	36	34	42	42	34	22	28	31	56	44	35	56	35	31	49	47	39	34	42	41	40	54	44	38	27	42	37	40	52
BATESVILLE LIVESTOCK	MAX	58	66	55	54	57	54	54	40	45	57	64	70	74	74	75	62	69	58	68	57	58	44	47	61	64	57	47	60	67	70	73
	MIN	21	39	32	28	32	40	31	20	19	32	44	40	33	36	30	29	36	46	41	29	31	39	36	45	41	36	24	28	39	40	46
BATESVILLE L ANO O NO 1	MAX	65	64	53	55	53	48	46	49	58	65	73	70	74	75	63	68	64	67	64	55	52	49	61	65	63	48	60	66	72	73	69
	MIN	29	32	34	26	36	41	30	23	28	31	56	36	30	55	29	26	47	47	43	28	41	40	38	53	64	38	24	33	36	39	53
BENTON	MAX	67	60	51	55	52	51	47	50	62	73	71	73	76	70	64	70	64	70	67	61	52	57	60	62	55	52	62	65	69	71	65
	MIN	35	37	40	40	42	43	35	22	27	31	60	43	33	50	34	30	45	47	39	38	43	44	42	47	38	37	29	42	33	38	53
BENTONVILLE	MAX	54	54	56	56	50	50	41	43	55	66	65	69	72	64	57	66	56	50	53	56	48	48	48	55	45	48	55	65	68	70	59
	MIN	27	35	34	36	37	33	24	17	28	35	51	35	39	47	28	29	43	43	36	30	40	36	39	35	35	30	26	30	33	40	51
BLAKELY MOUNTAIN OAM	MAX	65	69	50	54	53	54	50	43	50	63	73	70	71	75	70	66	70	58	68	66	53	51	60	59	59	48	52	60	66	69	70
	MIN	31	36	39	38	41	41	37	25	27	33	44	40	33	37	39	29	35	47	39	41	42	41	42	40	37	28	39	33	39	45	57
BLYTHEVILLE	MAX	61	57	53	55	48	50	47	43	48	66	69	65	74	75	69	68	67	64	59	54	50	47	63	63	59	48	55	68	70	74	69
	MIN	31	37	31	30	35	42	33	25	34	32	51	44	37	55	36	33	47	48	42	34	41	39	41	52	44	38	33	41	42	46	52
BOONEVILLE	MAX	65	54	55	57	52	50	47	48	61	77	73	77	70	63	70	58	62	58	53	49	56	55	58	48	51	59	65	72	71	67	
	MIN	32	39	42	40	40	41	32	20	29	39	61	40	43	52	30	33	47	48	40	40	43	45	41	38	41	36	28	36	35	42	53
BRINKLEY	MAX	65	65	57	58	58	58	47	45	55	73	70	67	73	75	67	67	68	65	65	60	58	50	65	65	47	60	65	69	75	76	
	MIN	30	39	38	36	42	41	32	24	33	35	48	44	39	57	36	32	36	46	40	38	43	41	40	40	45	43	38	40	40	51	
CAMOEN 1	MAX	64	69	57	52	59	66	55	47	51	65	76	71	71	79	78	66	73	62	72	68	59	60	70	60	63	54	55	65	65	73	
	MIN	34	38	41	44	44	45	40	25	26	38	39	49	41	42	37	33	35	49	44	44	44	45	46	47	42	40	34	37	36	40	
CAMP CHAFFEE	MAX	63	66	54	56	56	45	52	40	47	60	70	76	72	76	67	63	65	54	58	59	50	47	57	55	54	48	52	55	65	72	
	MIN	32	38	41	39	42	38	32	20	27	33	45	39	37	49	28	31	49	48	41	38	42	43	42	39	40	35	29	32	33	37	
CLARKSVILLE	MAX	65	61	55	54	52	49	48	44	59	66	76	70	75	72	64	67	63	61	64	60	50	53	54	59	52	53	56	64	70	71	
	MIN	31	38	41	40	42	43	31	21	26	36	60	39	38	53	29	36	47	47	41	35	42	44	41	44	41	36	29	30	35	42	
CONWAY	MAX	65	64	51	56	54	52	46	47	57	72	73	69	74	74	64	66	64	66	64	60	51	52	61	63	59	50	59	64	71	72	
	MIN	33	40	39	40	39	43	33	24	32	37	58	43	37	54	34	32	48	47	40	34	44	41	41	41	42	38	29	40	38	42	
CORNING	MAX	63	59	49	47	44	52	42	48	51	67	71	67	72	66	61	67	66	63	59	55	52	49	59	63	52	48	57	65	69	73	
	MIN	32	34	28	36	38	40	32	22	33	32	55	40	36	48	33	32	49	48	38	32	39	37	43	50	42	37	31	40	44	44	
CROSSETT 7 S	MAX	68	67	51	62	69	65	54	55	65	76	72	67	79	83	77	71	71	72	70	68	69	70	68	66	65	57	66	73	75	72	
	MIN	35	35	47	44	40	47	39	26	29	35	60	50	42	53	39	33	46	50	44	42	45	50	46	49	46	40	29	47	32	39	
CUMMINS FARM	MAX	65	63	49	62	61	53	47	48	56	71	71	69	73	74	71	67	65	70	60	58	57	64	65	63	47	58	63	71	72		
	MIN	33	39	40	40	45	42	33	25	30	34	57	46	40	54	35	33	41	46	40	38	41	43	42	40	37	28	42	39	37	51	
DARDANELLE	MAX	67	60	53	55	52	51	50	48	60	70	70	72	77	74	64	67	57	65	62	58	50	54	56	62	55	53	60	65	72		
	MIN	38	40	43	40	41	44	34	24	33	37	61	42	37	51	34	34	47	48	42	38	43	44	41	45	41	37	30	36	37	43	
DE QUEEN	MAX	71	61	59	56	52	57	49	52	69	72	76	74	73	77	69	68	65	69	72	63	54	69	61	52	47	60	57	70	72		
	MIN	31	40	43	43	45	36	34	18	28	38	60	40	38	49	29	32	48	48	36	44	42	37	46	35	39	34	30	39	34	42	
OES ARC	MAX	59	66	56	51	51	52	47	38	47	57	69	71	69	74	73	72	68	58	68	63	52	48	55	65	64	55	47	61	65		
	MIN	34	41	37	36	36	37	35	25	27	38	43	45	38	43	38	38	40	32	41	35	40	42	41	44	45	40	31	37	42		
DEVILS KNOB	MAX	63	59	51	54	46	43	40	41	58	60	67	64	67	65	60	62	55	61	58	52	42	45	47	53	45	45	50	60	65		
	MIN	37	42	30	33	33	34	22	15	28	36	55	41	43	52	29	40	41	40	33	29	35	37	35	37	33	27	31	33	42		
DUMAS 1	MAX	66	60	50	60	64	52	48	50	55	72	72	67	77	81	67	68	63	70	65	58	60	60	65	68	58	48	60	63	70		
	MIN	35	41	43	42	43	44	36	25	34	44	59	48	46	57	37	34	49	49	42	40	44	42	43	52	43	38	30	45	39	42	
EL DORADO CAA AP	MAX	68	62	53	63	65	58	49	64	74	71	70	78	77	65	72	65	70	69	58	63	72	62	60	53	54	68	61	73	74		
	MIN	39	37	45	44	45	44	32	23	38	41	57	44	42	50	39	33	50	51	45	46	43	44	50	44	35	35	31	41	34		
EUREKA SPRINGS	MAX	61	56	55	57	48	48	45	43	56	67	68	69	74	69	57	67	57	55	50	54	49	45	47	57	48	47	56	64	68		
	MIN	31	38	32	37	34																										

DAILY TEMPERATURES

ARKANSAS
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Table 5 - Continued

Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HOT SPRINGS 1 NNE	MAX 68	65	56	54	52	50	46	49	64	70	69	71	76	73	68	72	65	71	68	61	51	60	57	60	51	53	58	67	70	70	66	62.3	
	MIN 39	45	39	39	41	43	34	24	37	39	60	45	41	57	37	39	46	46	40	39	42	46	41	45	40	35	31	40	45	46	52	41.7	
JONESBORO	MAX 64	60	53	53	50	52	47	47	55	64	71	67	75	76	61	69	63	64	60	53	50	46	60	68	59	46	58	65	72	74	69	60.4	
	MIN 34	40	32	32	39	42	36	24	35	33	57	46	39	52	37	35	49	49	43	34	41	39	43	53	45	38	32	41	47	47	54	40.9	
KEO	MAX 66	59	52	59	51	49	44	50	57	74	71	68	74	76	63	68	60	69	66	58	51	55	63	64	56	50	59	65	70	72	66	61.5	
	MIN 35	42	39	39	43	42	35	25	32	34	58	44	37	54	34	33	48	42	46	40	35	43	43	39	50	44	38	44	48	43	52	40.5	
LEAO HILL	MAX 62	52	54	57	52	48	45	48	54	68	73	71	75	72	58	69	59	65	48	56	50	48	51	63	55	44	58	64	70	73	63	58.9	
	MIN 28	30	28	34	32	38	26	14	27	28	50	30	43	47	30	22	46	45	40	25	40	40	42	46	38	33	22	28	29	30	52	34.3	
LITTLE ROCK WB AP	MAX 66	56	50	55	51	48	43	48	59	74	70	68	74	73	64	66	58	70	63	52	50	52	61	63	53	50	57	64	71	73	64	60.2	
	MIN 42	43	39	39	43	43	30	26	34	37	54	47	39	49	40	37	48	50	43	40	44	44	42	47	40	38	33	44	43	46	54	41.9	
MAGNOLIA 3 N	MAX 67	61	52	64	55	55	53	49	65	74	70	70	78	77	72	70	70	70	68	63	61	69	64	57	52	53	64	61	71	71	70	64.4	
	MIN 39	37	45	44	44	44	38	22	32	41	61	48	42	57	32	51	52	42	43	44	43	49	45	41	39	32	42	35	43	53	42.7		
MALVERN	MAX 68	67	53	55	53	52	48	50	63	75	71	72	77	76	66	71	67	69	67	64	52	60	59	62	56	57	60	66	69	71	66	63.3	
	MIN 32	37	40	41	43	44	37	21	27	35	61	44	34	50	36	30	47	46	40	40	42	45	41	45	39	38	29	42	34	39	53	39.7	
MAMMOTH SPRING	MAX 63	56	54	56	49	50	44	48	56	65	71	69	74	74	59	66	57	67	51	68	50	46	54	61	56	41	59	66	68	72	65	59.2	
	MIN 27	28	26	24	38	39	28	19	34	30	54	32	29	51	30	24	47	46	40	26	39	36	41	49	38	34	24	35	35	39	49	35.2	
MARIANNA 2 S	MAX 64	63	50	58	56	53	48	44	53	66	69	68	74	76	69	67	65	63	62	55	52	51	69	68	63	49	59	65	69	72	67	61.5	
	MIN 30	42	38	35	43	43	33	25	32	33	53	45	41	57	37	34	46	47	41	33	42	42	40	55	43	38	28	44	39	42	52	40.4	
MARKEO TREE	MAX 61	60	49	55	54	52	50	44	50	65	70	66	72	75	63	68	66	60	60	54	52	46	65	67	58	52	58	64	70	74	68	60.3	
	MIN 30	37	34	31	40	43	33	25	35	33	54	45	39	55	38	35	48	48	41	34	41	40	41	54	42	38	30	41	41	45	52	40.2	
MARSHALL	MAX 63	59	55	54	51	48	40	47	56	65	73	69	71	70	61	66	58	70	66	60	50	43	58	60	56	46	58	66	71	70	65	59.5	
	MIN 33	36	33	34	38	38	30	16	31	39	59	38	38	55	30	25	45	45	40	28	39	42	42	50	40	28	30	33	34	42	50	37.5	
MENA	MAX 68	60	54	55	50	51	45	52	64	70	75	70	75	66	63	67	61	67	62	56	49	65	58	53	48	53	56	63	69	69	68	60.7	
	MIN 36	43	40	39	39	38	30	20	31	38	61	43	39	52	31	30	47	46	36	40	41	43	42	37	38	32	30	34	45	44	52	39.4	
MONTECELLO 3 S	MAX 67	65	49	60	65	55	49	48	61	74	73	67	72	79	66	68	64	72	65	60	64	64	65	64	63	50	62	62	72	74	68	64.1	
	MIN 35	37	45	45	46	45	36	24	31	40	61	47	47	59	37	33	48	48	42	40	43	46	44	50	44	39	32	42	35	43	54	42.6	
MORRILTON	MAX 65	56	51	55	53	52	45	47	58	69	73	70	75	74	69	65	65	66	62	61	49	52	59	62	56	51	58	64	72	71	66	61.0	
	MIN 40	40	40	37	40	44	33	25	34	35	60	43	37	50	35	33	47	47	41	34	43	43	40	48	42	39	29	40	40	43	53	40.5	
MOUNT IOA	MAX 69	58	56	55	56	50	42	52	65	69	70	69	73	68	65	68	60	66	70	58	52	61	57	56	52	57	65	69	69	67	61	62	59.2
	MIN 31	33	36	37	40	41	32	19	26	35	70	37	30	46	29	27	39	45	40	39	41	44	42	39	40	35	26	36	31	36	42	35.8	
MOUNT MAGAZINE	MAX 55	54	45	44	46	37	36	35	55	57	66	65	66	60	58	59	45	59	50	45	45	44	48	34	34	30	29	47	55	61	57	52	50.7
	MIN 33	40	34	33	34	35	20	13	27	32	52	43	40	48	28	34	34	41	32	33	41	36	34	34	33	24	32	33	43	43	46	40	34.7
MOUNTAIN HOME	MAX 61	60	52	54	50	46	45	47	64	72	68	73	72	68	56	68	55	65	52	56	51	50	60	63	59	50	56	64	67	69	72	59.2	
	MIN 39	35	28	28	39	38	26	20	31	54	38	40	53	32	34	34	46	35	29	37	36	40	40	41	34	27	37	40	40	44	44	36.5	
MOUNTAIN HOME C OF ENG	MAX 59	61	53	52	54	48	46	38	48	53	65	73	69	74	72	56	68	54	66	48	55	43	46	56	63	53	42	57	65	67	72	57.3	
	MIN 26	37	29	29	32	39	28	19	22	32	38	33	34	35	29	26	31	46	40	27	33	37	37	41	41	34	23	29	34	43	48	33.3	
NARROWS OAM	MAX 69	70	54	59	60	55	55	44	51	68	72	70	73	75	70	68	70	57	69	68	59	62	67	56	56	48	57	68	68	71	69	62.5	
	MIN 29	31	44	43	43	42	37	19	21	32	44	40	33	42	30	30	38	48	36	41	43	42	44	35	37	37	29	39	34	37	47	37.0	
NASHVILLE PEACH SUBSTA	MAX 65	68	52	56	56	53	55	44	50	65	71	70	70	73	68	66	68	55	65	68	55	54	65	55	50	46	55	57	65	68	68	60.5	
	MIN 31	36	43	43	43	41	35	21	21	34	45	44	41	45	30	34	45	47	38	38	42	38	43	37	39	36	34	37	38	39	48	38.3	
NEWPORT	MAX 66	57	52	57	51	48	47	50	56	64	72	68	75	74	65	69	63	68	63	57	53	49	62	66	63	52	60	65	74	75	68	61.6	
	MIN 34	39	35	32	41	42	35	25	36	35	57	45	38	57	45	35	49	48	44	35	42	41	40	54	46	39	30	40	43	46	53	41.1	
NIMROO OAM	MAX 65	67	50	55	57	45	48	42	49	62	71	73	72	75	73	64	71	58	67	63	55	48	55	58	60	53	52	61	65	71	71	60.5	
	MIN 32	37	36	38	40	40	34	22	24	32	49	38	40	47	30	28	34	45	40	32	35	42	38	43	38	35	26	30	35	38	52	36.5	
OKAY	MAX 70	68	56	58	60	56	53	50	68	74	73	71	76	74	67	71	69	65	68	68	57	70	66	56	52	56	62	68	71	70	71	65.0	
	MIN 34	40	44	45	47	44	38	21	33	43	61	46	40	53	34	36	49	48	41	44	45	43	48	42	40	39	34	44	49	43	55	42.4	
OZARK	MAX 67	58	57	56	51	52	49	46	62	69	76	72	75	68	64	67	59	62	64	54	49	56	54	54	53	55	56	65	71	71	65	60.5	
	MIN 35	41	42	42	45	44	31	20	30	38	59	42	42	53	32	38	52	48	39	39	43	42	44	44	42	36	33	31	36	43	53	40.6	
PARAGOULO	MAX 61	59	54	52	52	52	49	44	51	63	70	67	70	70	59	65	63	60	59	52	48	50	60	64	59								

DAILY TEMPERATURES

ARKANSAS
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Table 5 - Continued

Station	Day Of Month																															Average			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
STUTT GART 9 ESE	MAX MIN	55 34	63 39	59 40	49 38	58 39	51 42	46 35	38 25	45 25	53 33	68 38	68 45	65 41	73 43	75 36	60 35	66 36	60 36	66 42	60 38	54 37	51 42	53 40	64 43	62 43	54 29	45 29	58 32	62 39	67 41	71 49	58.7 37.8		
SUBIACO	MAX MIN	65 40	57 42	58 41	58 39	50 40	50 43	46 30	46 22	60 34	71 40	77 60	73 43	76 41	70 52	62 36	70 36	59 46	61 45	59 40	54 37	48 41	55 44	53 40	60 44	52 40	51 36	57 29	64 35	72 38	72 44	67 52	60.4 40.3		
TEXARKANA WB AP	MAX MIN	67 41	55 44	56 47	56 45	60 46	56 44	47 30	49 23	64 37	74 47	72 55	71 50	76 46	68 46	64 37	70 39	59 49	64 49	65 42	59 46	58 45	69 44	57 48	55 44	55 48	47 41	54 39	62 37	65 45	70 42	70 51	71 57	62.3 43.7	
TURNPIKE	MAX MIN	60 34	55 42	50 31	48 33	45 35	43 35	38 25	39 16	55 30	58 37	71 56	65 43	67 45	63 50	57 31	61 40	58 42	57 35	50 31	43 36	44 37	44 37	51 37	44 35	44 29	50 31	61 35	65 44	65 50	59 47	54.0 37.0			
WALORON	MAX MIN	66 30	63 40	57 40	54 37	49 40	50 42	48 31	50 21	59 30	69 35	78 63	72 40	75 35	71 51	61 28	69 34	63 44	62 42	64 44	50 40	51 42	60 45	57 42	54 37	50 40	51 35	57 28	63 36	70 34	69 39	67 53	60.6 38.5		
WALNUT RIOGE CAA AP	MAX MIN	64 32	56 36	50 30	53 30	44 38	49 42	44 29	47 24	54 34	63 33	71 51	67 42	72 37	74 45	60 33	66 30	63 48	63 44	52 34	55 40	48 31	60 38	66 46	66 42	56 37	44 30	44 30	56 39	69 44	73 48	69 52	58.7 38.2		
WARREN	MAX MIN	68 36	64 43	49 45	64 42	65 45	54 45	48 37	50 24	64 34	75 38	71 60	69 48	71 46	82 59	69 39	68 34	63 49	74 49	69 44	60 40	64 42	67 45	64 44	61 43	56 42	51 40	64 31	65 44	73 36	74 41	69 55	64.7 42.5		
WHITE ROCK	MAX MIN	61 40	57 41	52 35	47 34	45 34	45 34	40 21	39 16	56 28	61 40	67 54	63 44	68 44	67 49	57 30	61 40	53 41	57 41	54 32	52 34	43 35	45 37	47 36	51 35	44 33	46 26	48 32	58 33	63 43	66 48	60 47	54.0 36.7		
WILSON	MAX MIN																																		
WYNNE	MAX MIN	62 29	55 38	50 36	56 34	55 40	49 42	48 32	45 26	51 33	66 36	70 56	66 42	73 41	73 58	66 35	66 37	64 49	63 43	63 40	52 30	51 41	47 40	65 40	68 49	57 43	50 38	57 28	62 41	69 42	73 44	68 54	60.0 39.9		

EVAPORATION AND WIND

Table 6

Station	Day of month																															Total Evap Avg		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
BLAKELY MOUNTAIN DAM	EVAP WIND	.08 28	.10 24	.01 19	.11 30	.05 39	.06 42	.10 60	.04 109	.10 23	.08 53	.07 44	.10 12	.12 24	.16 80	.13 30	.14 26	- 37	.10 55	.13 35	.01 47	.04 27	.08 141	* 42	.12 35	.02 48	* 35	.12 32	.14 25	.12 18	.08 39	2.508 1179		
HOPE 3 NE	EVAP WIND	.12 25	.10 3	* 87	.15 61	.09 65	.01 33	.08 68	* 71	.19 49	.13 24	.07 68	.06 44	.13 24	.14 24	* 69	.41 30	* 45	.24 46	.07 24	.20 65	- 106	- *	.29 73	.05 71	.14 74	.03 79	* *	.23 102	.13 29	.19 13	.07 24	3.558 1496	
MOUNTAIN HOME C OF ENG	EVAP WIND	- 28	- 23	- 26	- 27	- 54	- 44	- 57	- 79	- 47	- 25	- 105	- 60	- 12	- 80	- 103	- 34	- 48	- 34	- 68	- 35	- 48	- 50	.02 31	.04 88	.08 53	.17 69	.08 37	* 19	.13 20	.13 27	.13 27	.21 48	1479
NARROWS DAM	EVAP WIND	.14 20	.12 29	.03 29	.06 33	.10 39	.05 42	.06 30	* 96	* 31	.32 23	.08 107	.11 46	.12 33	.12 41	.16 61	.21 37	.15 43	- 40	.18 28	.12 37	.09 47	.00 29	.15 29	.03 33	.16 74	.03 59	.11 38	.05 44	.10 32	.14 35	- 45	3.208 1321	
NIMROD DAM	EVAP WIND	.13 41	.19 23	.00 4	.05 4	.07 24	.01 32	.01 18	* 72	.14 44	.13 30	.05 62	- 47	.13 15	.14 35	- 125	.15 10	.13 42	.07 20	.13 78	.14 39	.10 16	.00 2	.03 11	.05 48	.15 36	.07 136	.10 57	.08 22	.11 24	.15 36	.12 33	2.818 1186	
STUTT GART 9 ESE	EVAP WIND	.07 19	.08 11	.04 12	.05 46	.08 28	.00 18	.00 18	* 50	* 49	.19 20	.13 134	.05 96	.09 1	.12 39	.17 110	.11 13	.14 18	.02 31	.08 18	.14 20	.04 38	.01 17	.05 15	.02 50	.18 65	.08 140	* 47	.12 7	.09 0	.12 9	.10 35	2.37 1174	

SNOWFALL AND SNOW ON GROUND

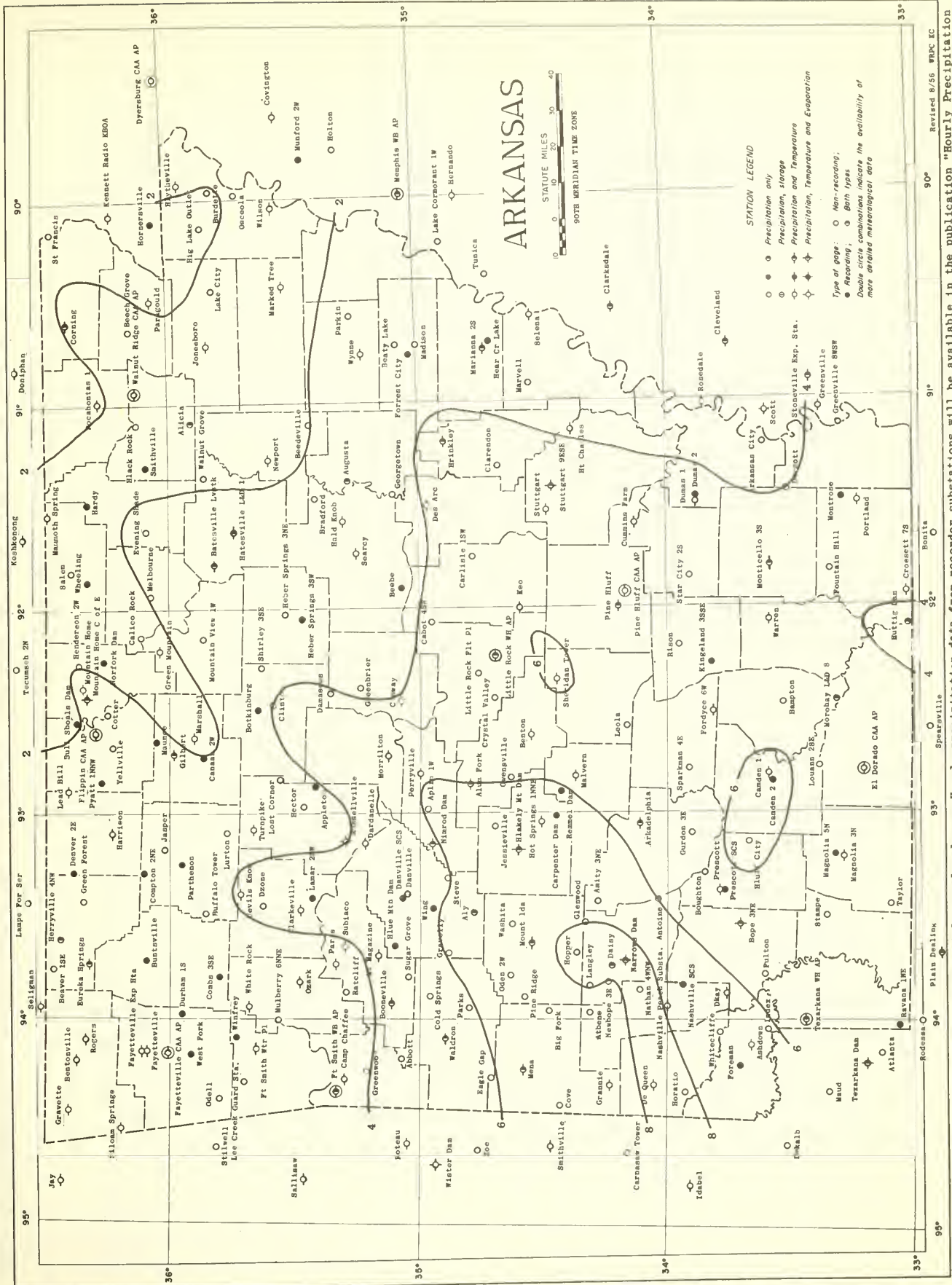
ARKANSAS
MARCH 1957

Table 7

Station	Day of month																																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31								
BATESVILLE L & O 1							T	T																															
BRINKLEY								T																															
CONWAY							T																																
DEVILS KNOB							.2 T																																
OUMAS 1								T																															
EUREKA SPRINGS							T																									T							
FAYETTEVILLE CAA AP			T																																				
FLIPPIN CAA AP							T T																									T							
FORT SMITH WB AP							T																																
GILBERT							T	T																						T									
GRAVETTE							T																									T							
JONESBORO							T																																
LITTLE ROCK WB AP							T																									T							
MAMMOTH SPRING							T T																																
MARIANNA 2 S							T	T																															
MARKEO TREE							T																																
MOUNT IOA							T																									T							
NEWPORT							T																																
PINE BLUFF CAA AP							T																																
ROGERS			T					T	T																														
SEARCY							T																																
WALNUT RIDGE CAA AP							T																																

TOTAL PRECIPITATION

MARCH 1957

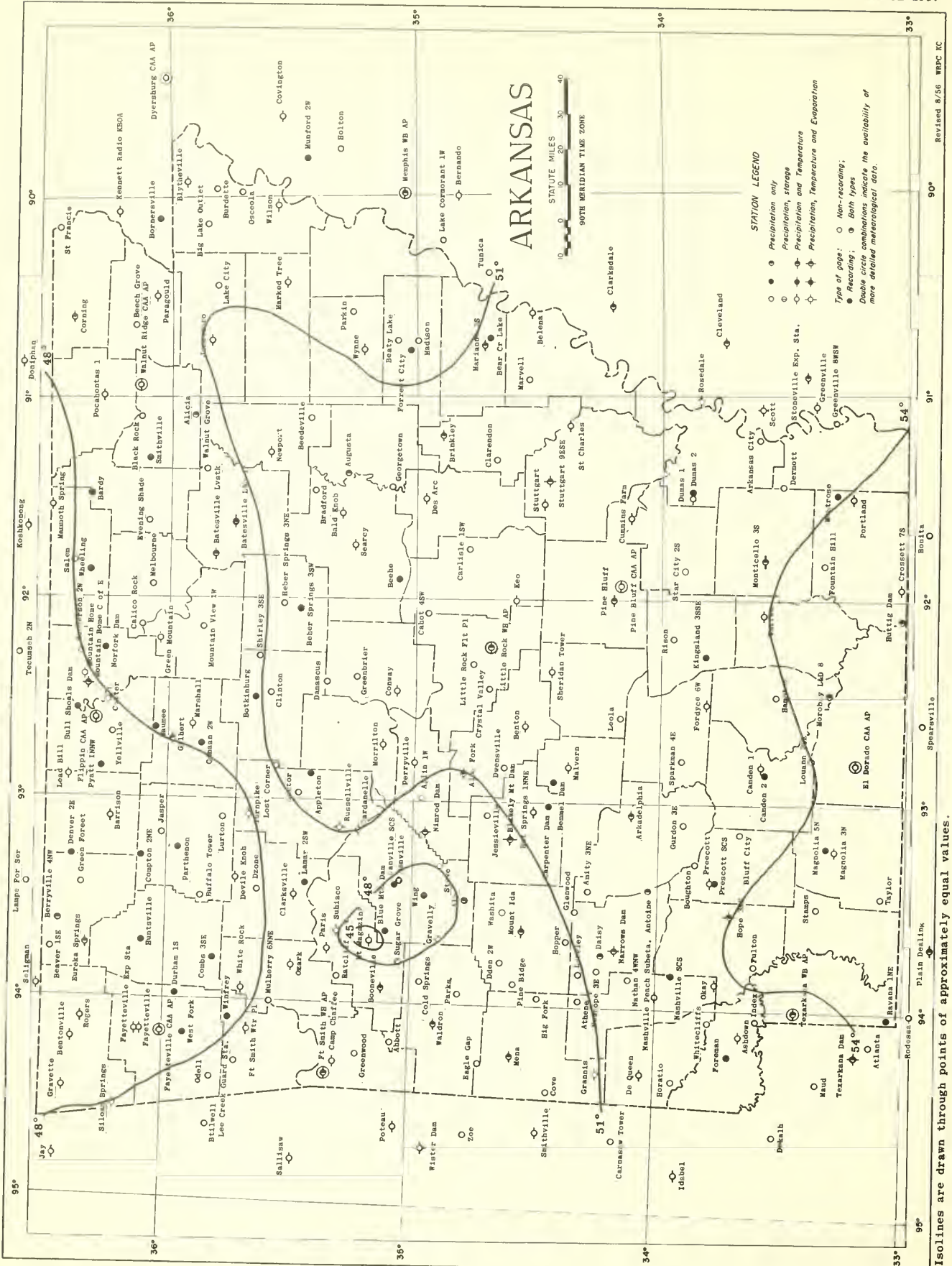


Revised 8/56 RNC IC

Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

MARCH 1957



Isolines are drawn through points of approximately equal values.

STATION INDEX

ARKANSAS
MARCH 1957

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables				
							Temp.	Precip.										Temp.	Precip.						
Abbeville	0006	Scott	1	35 04	94 12	624			7A	Jane V. Williams	3														
Alicia	0064	Lawrence	1	34 54	94 12	754			7A	Bobby D. Owens	3														
Alum Fork	0130	Saline	1	34 48	92 52	755	SP		5P	L. R. Water Works	2 3 5	C													
Alyon	0136	Tell	1	34 47	92 52	854			7A	Reba V. Swain	3														
Aesty 3 NE	0200	Clark	1	34 17	92 25	754			7A	Alta F. Garner	3														
Antoine	0178	Pike	1	34 02	93 25	285			8A	Drew A. Lamb	3														
Apple 1 W	0188	Perry	1	34 08	90 00	400			7A	Robert W. Tate	3														
Appleton	0196	Pike	1	35 25	93 53	522			MID	John A. Jones	3														
Arkadelphia	0220	Clark	1	34 07	93 03	200			7A	Tillman E. Lawrence	2 3 5	C													
Arkansas City	0234	Desha	1	33 37	91 12	145			8A	John W. Trammell	3														
Ashdow	0286	Little River	4	33 40	94 08	329	7P		7P	Southwestern G & E	2 3 5														
Athens	0300	Howard	4	34 19	93 08	960			7A	Arza D. Parker	3														
Augusta	0326	Woodruff	7	35 17	91 22	218			7A	Honor W. Chaney	3														
Auld Knob	0350	White	7	35 18	91 24	230	6P		6P	Univ. of Arkansas	2 3 5														
Bateville Livestock	0458	Independence	7	35 48	91 47	571	9A		9A	Univ. of Arkansas	2 3 5	C													
Bateville L & D 1	0460	Independence	7	35 45	91 38	277	5P		7A	James J. Mitchum	2 3 5	7	C												
Bear Creek Lake	0496	Lee	7	34 43	90 42	220			MID	U.S. Forest Service	3														
Beaty Lake	0512	St. Francis	5	35 05	90 43	400			5P	L. G. Adams	3														
Beaver 1 SE	0518	Carroll	7	36 28	93 46	930			8A	Mrs. Etta C. Burks	2 3 5														
Bebe	0530	White	7	35 04	91 53	250			MID	Lowell E. Perkins	3														
Beech Grove	0534	Greene	7	36 09	90 38	298			8A	B. M. Hammond	3														
Beehive	0536	Jackson	7	35 26	91 06	221			8A	P. M. Breckinridge	3														
Benton	0582	Saline	1	36 24	92 37	285	6P		6P	Mrs. W. McKeyney	2 3 5														
Bentonville	0616	Carroll	1	36 22	93 11	1295	6P		7A	Earle L. Browne	2 3 5														
Berryville 4 NW	0616	Carroll	1	36 26	93 37	1150			7A	David L. Stidham	3														
Big Fork	0664	Polk	3	34 29	93 58	1100			7A	Anna M. Liles	3														
Big Lake Outlet	0676	Mississippi	5	35 51	90 08	228			6P	N. W. Gouglas	3														
Big Lake	0747	Greene	7	36 07	91 06	235			8A	Lee W. McKeyney	2 3 5														
Blakely Mountain Dam	0764	Garland	1	34 36	93 11	426	8A		8A	Corps of Engineers	2 3 5	C													
Blue Mountain Dam	0798	Vell	1	35 06	93 39	455			MID	Corps of Engineers	3														
Bluff City 3 S	0800	Nevada	3	33 41	93 09	360			7A	Paul M. Adams	2 3 5	7													
Bluffville	0806	Mississippi	5	35 56	89 55	252	6P		7A	Ivy W. Crawford	2 3 5	7													
Boonville	0820	Logan	1	35 03	92 35	311	7P		7A	Cleo E. Vandell	2 3 5	C													
Botkinburg	0842	Van Buren	7	35 39	92 30	1200			MID	Thomas M. Pearson	3														
Boughton	0848	Nevada	3	33 52	92 20	235			7A	Iris Elmore Wicker	3														
Bradford	0872	White	7	35 25	91 28	240			7A	Marshall Johnson	2 3 5	7													
Brinkley	0938	Monroe	10	35 52	93 00	205	5P		5P	Robert D. Defferer	2 3 5	7													
Buffalo Tower	1010	Newton	7	36 22	93 34	460			7A	Beulah P. Fowler	3														
Bull Shoals Dam	1020	Baxter	7	36 22	93 34	460			MID	Corps of Engineers	3														
Burdette	1052	Mississippi	5	35 49	89 57	240			6P	G. A. Hale	3														
Cabot 4 SW	1102	Pulaski	7	34 57	92 04	289			5P	B. M. Walker	3														
Calico Rock	1122	Isard	7	36 02	92 08	316			8A	John L. Harris	3														
Caddean	1152	Ouchitza	3	33 36	92 49	116	7A		7A	Leonard B. Dillworth	2 3 5	7													
Caddean 2	1154	Ouchitza	3	33 35	92 51	155			MID	Edith Z. Lehman	2 3 5	C													
Camp Chaffee	1172	Sebastian	1	35 18	94 18	419	8A		8A	U. S. Army	2 3 5	C													
Cananda 2 W	1188	Searcy	7	35 52	92 44				MID	CLOSED	10/29/56														
Cananda 1 SW	1224	Lonoke	1	34 47	91 45	235			8A	John L. Harris	3														
Carner Dam	1238	Garland	1	34 27	93 01				MID	Ark. Pwr. & Lgt. Co.	3														
Clarendon	1442	Monroe	7	34 41	91 18	172			7A	F. W. Northern	2 3 5														
Clarksville	1435	Johnson	9	35 28	93 28	66	6P		6P	Dr. Irving E. Beach	2 3 5														
Clinton	1492	Van Buren	7	35 35	92 28	510			7A	Earl B. Riddick	3														
Cold Springs	1520	Scott	3	34 58	93 54	1250			7A	Margaret Zornes	3														
Cobs 3 SE	1542	Madison	7	35 48	93 48	1400			MID	Ward C. Brashers	3														
Compton 2 NE	1582	Newton	7	36 03	92 38	210			5P	Mr. Clarence S. Williams	2 3 5	7													
Conaway	1586	Newton	7	36 03	92 38	210			7A	Mrs. Laura Polk	2 3 5	7													
Corning	1632	Jackson	7	36 24	90 35	293	7A		7A	CLOSED	3/15/57														
Cove	1666	Baxter	7	36 17	92 31	440			7A	Joe C. Allen	3														
Cottler	1710	Searcy	7	34 26	92 55	1050			7A	U.S. Forest Service	2 3 5	7													
Crossett 7 S	1730	Searcy	7	34 26	92 55	1050			7A	U.S. Forest Service	2 3 5	7													
Crystal Valley	1750	Pulaski	1	34 42	92 26	350			7A	Virna Byrd	3														
Cummins Farm	1768	Lincoln	1	34 08	91 35	176	6P		6P	Cummins Prison Farm	2 3 5	C													
Daisy	1814	Pike	1	34 02	94 05	629			7A	Fern Jones Tedder	3														
Damascus	1829	Faulkner	1	35 22	92 25	705			7A	William A. Brown	3														
Dardanelle	1834	Tell	1	35 03	93 24	310			7A	J. A. Mowdy	2 3 5	7													
Dardanelle SCS	1835	Vell	1	35 04	93 24	310			MID	Soil Conserv. Serv.	3														
Dardanelle	1838	Vell	1	35 13	93 09	330	6P		7A	Gretchen Goodier	2 3 5														
De Queen	1948	Sevier	4	34 02	94 21	420																			

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground. Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in local standard time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
- + And also on a later date or dates. ‡
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

NWRC, Asheville, N. C. -- 5-7-57 -- 1000



U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary

WEATHER BUREAU

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CLIMATOLOGICAL DATA

ARKANSAS

APRIL 1957

Volume LXII No. 4



ASHEVILLE: 1957

WEATHER SUMMARY

Frequent heavy rains delayed farm work. Hay and pastures grew rapidly but seed bed preparation and planting lagged. Like in the neighboring States, the first half of April averaged chilly and the last half seasonally mild.

Temperatures on the first few days of April were slightly above seasonal. Numerous stations from Fort Smith to Portland and in the general vicinity of Texarkana registered their highest temperatures for the month on the 2d. Cool weather prevailed from the 4th to 15th. Frost occurred over much of the State on the 9th. Sub-freezing temperatures were general over all but a few southwestern counties on the 13th. The coldest temperature for the State, 12°, occurred at Lead Hill on that date. Temperatures were generally above seasonal from the 16th to the end of the month. Most stations registered their highest temperatures for the month during the period, 19th to 24th, or on the last two days. Monthly maximums mostly were in the 80s over the entire State. The highest temperature for the State, 89°, occurred at Eureka Springs on the 22d, at El Dorado Airport on the 29th, and at Grannis on the 30th. Monthly mean temperatures ranged from 53.9° at Mount Magazine to 65.5° at Crossett 7S. In general, monthly mean temperatures were below the long-term means over the northwest and southwest and above the long-term means over the central and northeast. Temperature departures ranged from -2.6° at Prescott to +3.4° at Marked Tree.

Light to locally heavy rains fell on many days during the first half of April and on every day during the last half. The heaviest rains fell on the 3d. Many stations received more than three inches of rain on that date. Several stations received more than four inches and a few stations received more than five inches on the 3d. Monthly totals ranged from 4.56 inches at Monticello to 19.07 inches at Sparkman 4E. A few stations in the southeast, the extreme northeast, and the extreme northwest received less than 10 inches of rain during April. Amounts exceeding 10 inches were common over the rest of the State. Several stations in south cen-

tral Arkansas and a few scattered stations received more than 15 inches. Precipitation at all stations exceeded the long-term April averages and at most stations the rainfall was two to three times the long-term means. A few stations received more than three times their long-term means.

Many fields of winter grain made excellent growth. Some lowland fields drowned out and some fields were yellow due to continued wet weather. A number of fields were heading. A limited acreage of corn and cotton was planted. Stands were generally good although some fields required replanting. Native hay, alfalfa, grasses, and clovers made rapid growth. The freezing temperatures on the 12th and 13th damaged fruits and vegetables in some areas. The cold temperatures delayed the harvest of strawberries but it was expected that the production would not be reduced. Rains halted the spinach harvest. Peaches were in excellent condition except where the crop was ruined by the mid-April freeze. The rains delayed the spraying and dusting schedules.

FLOODS AND STORMS

The heavy rains on the 3d and 4th caused considerable eroding of uplands and extensive flooding of lowlands. All rivers in the Little Rock River District flooded during the month. Numerous windstorms, hail storms, and heavy thundershowers, and a few tornadoes caused damage to crops, buildings, television antennas, and automobiles during April. One of the damaging hail and rain storms occurred in Conway County on the 18th. Hail damaged more than 500 roofs. The hail also broke windows and damaged automobiles. On the 25th, a tornado damaged roofs, signs, and utility poles and one building. For more details regarding the severe storms that occurred in Arkansas during April, the reader is referred to Climatological Data, National Summary.

Lucius W. Dye
Climatologist
Weather Records Processing Center
Kansas City, Missouri

SUPPLEMENTAL DATA

ARKANSAS
APRIL 1957

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	01-09	10-49	50-99	100-199	200 and over			Total
FORT SMITH WB AIRPORT	ENE	25	9.3	42	NW	7	84	88	67	65	2	4	10	3	2	1	22	25	8.5
LITTLE ROCK WB AIRPORT	SSE	11	10.3	36	E	3+	80	84	61	68	4	4	7	4	2	1	22	43	7.6
TEXARKANA WB AIRPORT	SE	13	9.7	-	-	-	-	88	-	-	3	6	5	3	1	2	20	-	-

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature										Precipitation													
	Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet			No. of Days			
										90° or Above	32° or Below	Ft. or Below	0° or Below					Total	Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
NORTHWEST DIVISION																								
BENTONVILLE	67.9	47.3	57.6	-	82	30	16	13	252	0	0	6	0	9.42				1.5	2	13	17	8	3	
EUREKA SPRINGS	69.2	47.5	58.4	- 1.2	89	22	18	13	228	0	0	5	0	8.61	4.16	2.20	3	3.0						
FAYETTEVILLE	68.7	48.2	58.5		82	30	22	13	226	0	0	5	0	10.16				2.1	2	12	13	6	1	
FAYETTEVILLE CAA AP	66.7	46.3	56.5		81	30	19	13	271	0	0	7	0	11.47				1.0	1	13	16	6	2	
FAYETTEVILLE EXP STA	68.0	46.4	57.2	- 1.7	80	30	18	13	247	0	0	6	0	11.24	6.52	4.61	3	1.3						
GRAVETTE	68.1	46.1	57.1	- 1.3	82	30	16	13	257	0	0	6	0	7.07	2.34	2.55	3	4.0	2	12	11	9	5	
HARRISON	70.1	46.3	58.2	- 0.6	83	30	20	13	233	0	0	7	0	14.01				2.0						
LEAO HILL	70.3	47.1	58.7	- 0.3	85	30	12	13	230	0	0	7	0	9.41	5.48	2.15	4	3.5						
ROGERS	68.4	48.1	58.3	- 0.9	84	30	19	13	230	0	0	4	0	9.81	5.30	3.93	3	2.0	2	12	12	6	2	
SILOAM SPRINGS	68.1	48.1	58.1		80	24	20	13	232	0	0	5	0	9.69				1.3	1	13	16	7	1	
DIVISION																								
			57.9	- 1.0									10.09	5.45			2.2							
NORTH CENTRAL DIVISION																								
FLIPPIN CAA AP	70.1	48.8	59.5		85	30	22	13	216	0	0	4	0	9.74				3.0	3	13	13	6	1	
GILBERT	73.3	48.1	60.7		85	24	21	13	173	0	0	7	0	9.44				1.0	0					
WAMMOOT SPRING	71.1M	48.5	59.8M	0.5	84	24+	26	13	209	0	0	5	0	13.78				T	0			17	8	6
MARSHALL	71.5	49.4	60.5		82	24+	22	13	172	0	0	4	0	10.75				1.0				13	8	4
MOUNTAIN HOME	71.8	49.4	60.6	1.3	84	22+	22	13	177	0	0	3	0	10.75	6.59	3.65	3					13	7	2
MOUNTAIN HOME C OF ENG AM	68.7	47.8	58.3		84	23+	19	13	238	0	1	5	0	11.77				2	13	14	7	4		
DIVISION																								
			59.9	0.8									11.04	6.81			1.3							
NORTHEAST DIVISION																								
8ALO KNOB	73.2	50.8	62.0		83	21	30	13	157	0	0	3	0	12.01				2.43	28			14	8	5
BATESVILLE LIVESTOCK AM	70.1	48.7	59.4		84	23	25	13	215	0	0	5	0	11.48				3.29	4			13	7	4
BATESVILLE L AND O NO 1	73.7	49.5M	61.6M		84	22+	26	13	170	0	0	5	0	10.63	6.24	2.78	4	T	0			12	6	5
BLYTHEVILLE	74.9	52.3	63.6	2.4	86	19+	30	12+	154	0	0	2	0	8.04	4.15	3.84	4	T	0			11	5	1
CORNING	73.5	51.6	62.6	2.2	85	19	28	13	154	0	0	2	0	10.19	6.01	3.40	4	0.0	0			14	7	1
JONESBORO	74.6	53.5	64.1	2.9	86	19+	30	13	130	0	0	2	0	8.92	4.85	3.10	4	T	0			13	6	2
MARKED TREE	74.5	52.7	63.6	3.4	85	30	31	12+	143	0	0	2	0	9.69	4.76	4.50	4	T	0			13	5	1
NEWPORT	75.2	52.7	64.0	2.0	87	21	31	12+	133	0	0	2	0	11.95	7.34	4.38	4	T	0			14	6	4
PARAGOULO	72.4	50.6	61.5		84	19	29	12+	180	0	0	3	0	9.21				2.54	4			12	6	2
POCAHONTAS 1	73.2	50.9	62.1	1.7	82	19+	29	13	160	0	0	2	0	14.09	9.64	3.87	4	0.0	0			14	11	5
SEARCY	74.0	52.4	63.2	1.5	84	20+	30	13	137	0	0	1	0	12.89	8.19	2.30	4	0.0	0			14	11	5
WALNUT RIDGE CAA AP	71.4	52.1	61.8		84	19+	27	13	184	0	0	2	0	12.71	3.68	3	1.5	2	12	15	6	4		
WILSON	75.6	53.4	64.5		87	30	31	13	129	0	0	1	0	8.01	4.40	4	0.0	0				11	3	1
DIVISION																								
			62.6	1.8									10.76	6.39			2							
WEST CENTRAL DIVISION																								
80ONEVILLE	73.3	51.1	62.2	- 0.1	85	24+	27	13	147	0	0	4	0	13.61	9.07	2.97	27	T	0			15	10	5
CAMP CHAFFEE AM	68.9	49.8	59.4		84	3	29	13+	209	0	0	3	0	11.29				T	0			17	9	4
CLARKSVILLE	72.6	49.7	61.2		85	30	27	13	170	0	0	4	0	12.55				T	0			17	7	2
OSARONELLE	73.3	51.5	62.4	- 0.8	86	24	30	13	145	0	0	2	0	13.15	8.41	4.31	3	0.0	0			15	8	3
DEVILS KNOB	65.7	46.5	56.1		80	30	20	13	265	0	0	5	0	16.17				3.5	0			16	12	6
FORT SMITH WB AP	70.1	50.8	60.5	- 2.1	85	2	30	13	181	0	0	2	0	10.32	5.83	3.35	3	T	0			16	6	3
FT SMITH WATER PLANT	70.9	48.6	59.8		80	2	23	13	192	0	0	6	0	11.69				2.15	3			10	4	4
GRANNIS	71.4	49.6	60.4	- 0.5	89	30	27	13	169	0	0	2	0	11.53	5.86	1.83	27	0.0	0			14	9	5
MENA	71.4	50.1	60.8	- 1.2	81	2+	27	13	159	0	0	1	0	13.58	8.16	2.28	23	0.0	0			14	12	6
MOUNT MAGAZINE	62.1	45.7	53.9		73	24+	21	13	327	0	0	6	0	14.34				3.70	3			10	6	6
OZARK	71.9	51.2	61.6	- 0.1	82	30	28	13	154	0	0	2	0	12.08	7.53	2.69	4	T	0			15	8	3
PARIS	72.4	50.1	61.3		84	2	28	13	157	0	0	4	0	13.27				4.25	3			14	8	3
RUSSELLVILLE	72.9	51.2	62.1		86	30	30	13	147	0	0	3	0	12.45				5.47	3			15	7	3
SUBIACO	71.8	50.5	61.2	- 1.2	85	30	28	13	163	0	0	3	0	14.63	9.98	3.85	3	0.0	0			15	7	3
TURNPIKE	66.1	47.5	56.8		77	30	23	12+	247	0	0	4	0	11.98				4.18	3	1.0	12	14	6	4
WALORON	73.6	50.3	62.0		85	2	29	13	149	0	0	4	0	12.85				3.13	3			14	8	5
WHITE ROCK	65.1	47.1	56.1		77	30	21	13	260	0	0	5	0	12.11				2.00	3	3.0	1	13	18	8
DIVISION																								
			59.9	- 1.3									12.80	7.59			3							
CENTRAL DIVISION																								
ALUM FORK	73.5	50.3	61.9		87	29	28	13	148	0	0	3	0	11.34				2.00	3			14	9	4
8ENTON	73.5	50.4	62.0		85	2	30	13	149	0	0	3	0	13.75				2.35	4			15	9	6
BLAKELY MOUNTAIN OAM AM	70.5	49.0	59.8		84	30	31	13	197	0	0	3	0	16.15				3.54	3	0.0	0	15	10	5
CONWAY	73.6	51.9	62.8	- 0.2	84	30	29	13	142	0	0	3	0	11.86				6.43	3	T	0	14	9	4
HOT SPRINGS 1 NNE	73.7	52.3	63.0	- 1.2	85																			

CLIMATOLOGICAL DATA

ARKANSAS
APRIL 1957

TABLE 2 - CONTINUED

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days			Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet		No. of Days				
										Max.	Min.	0° or Below					Total	Max. Depth on Ground	Date	10 or More	.50 or More		
																						90° or Above	32° or Below
EAST CENTRAL DIVISION																							
BRINKLEY	74.2M	49.7M	62.0M	- 0.4				30	13	167	0	0	1	0	11.29	6.74	2.82	3	.0	0	15	6	3
DES ARC	71.5	53.0	62.3		84	22+	31	13	171	0	0	1	0	12.81		3.63	4	.0	0	17	7	3	
HELENA	76.1	53.5	64.8	2.2	88	29+	32	13	121	0	0	1	0	8.78	3.82	2.87	4	.0	0	9	4	3	
KEO	74.1	51.6	62.9		86	30	30	13	144	0	0	3	0	12.70		2.75	3	T	0	18	7	3	
MARIANNA 2 S	74.6	52.1	63.4	1.4	85	29	30	13	142	0	0	3	0	9.40	5.05	2.81	4	T	0	15	5	3	
SAINT CHARLES	74.1	54.2	64.2		85	19+	32	13	136	0	0	1	0	9.07		2.88	4	T	0	12	7	2	
STUTTART	76.9	53.0	65.0	2.1	87	18+	32	13	115	0	0	1	0	12.94	8.23	4.70	4	.0	0	15	6	4	
STUTTART 9 ESE	71.3	52.9M	62.1M		82	19+	28	9	161	0	0	1	0	11.04		4.50	4	.0	0	13	5	3	
WYNNE	74.5	51.7	63.1		84	30	29	13	137	0	0	3	0	9.93		2.39	4	.0	0	14	7	4	
DIVISION			63.3	1.0									10.88	6.15			T						
SOUTHWEST DIVISION																							
ASHDOWN	74.4	51.9	63.2		84	2+	33	9+	126	0	0	0	0	14.83		3.25	3	.0	0	13	10	6	
DE QUEEN	73.8	51.2	62.5		85	19+	30	13	136	0	0	2	0	13.24		2.11	4	.0	0	14	10	5	
HOPE 3 NE	72.4	52.4	62.4	- 0.6	86	3	32	13	149	0	0	1	0	13.92	8.55	4.85	4	.0	0	12	6	4	
MOUNT IDA	72.7M	48.5M	60.6M	0.2	84	2+	27	13	150	0	0	6	0	11.18	5.66	2.15	27	T	0	13	10	4	
NARROWS DAM	71.3	49.8	60.6		85	3	31	6+	178	0	0	4	0	10.55		2.36	27	.0	0	12	7	4	
NASHVILLE PEACH SUBSTA	70.0	51.0	60.5		82	3	31	13+	179	0	0	2	0	14.18		3.24	23	T	0	14	6	5	
OKAY	75.3	53.3	64.3	- 0.3	85	2+	33	13	109	0	0	0	0	12.62	7.78	3.15	3	.0	0	11	9	5	
TEXARKANA WB AP	73.5	54.5	64.0	- 1.0	84	2+	33	13	110	0	0	0	0	10.64	5.34	3.10	3	.0	0	11	6	3	
DIVISION			62.3	- 0.5									12.65	7.16			T						
SOUTH CENTRAL DIVISION																							
ARKADELPHIA	74.9	52.4	63.7		86	2	31	13	116	0	0	1	0	15.38	9.94	5.55	3	.0	0	14	7	4	
CAMDEN 1	73.8	52.8	63.3	- 0.8	85	21+	33	13	129	0	0	0	0	12.04	7.21	3.61	27	.0	0	14	6	4	
EL DORADO CAA AP	75.3	53.1	64.2	- 0.8	89	29	33	9+	132	0	0	0	0	11.01	6.02	2.85	26	.0	0	14	8	3	
FORDYCE 6 W	75.3	52.6	64.0		86	2+	32	13	123	0	0	1	0	12.79		3.20	3	.0	0	17	9	3	
MAGNOLIA 3 N	75.1	53.3	64.2	- 1.0	85	18	33	9+	109	0	0	0	0	14.69	9.78	2.98	27	.0	0	13	7	5	
PRESCOTT	72.1	51.4	61.8	- 2.6	86	21	32	13	167	0	0	1	0	12.78	7.66	3.96	4	.0	0	12	6	5	
WARREN	76.4	53.5	65.0	0.2	85	2+	33	13	117	0	0	0	0	8.84		1.06	1+	.0	0	17	7	4	
DIVISION			63.7	- 0.2									12.50	7.51			.0						
SOUTHEAST DIVISION																							
CROSSETT 7 S	77.7	53.3	65.5	1.7	87	29	31	9	105	0	0	1	0	7.72	2.85	2.69	4	.0	0	10	5	2	
CUMMINS FARM	75.1	51.3	63.2		84	30	30	13	131	0	0	1	0	8.09		1.92	4	.0	0	13	5	2	
DUMAS 1	75.7M	53.7	64.7M	0.8	86	21	32	13	121	0	0	1	0	9.57	4.72	1.28	22	.0	0	15	6	4	
MONTICELLO 3 S	75.8	52.8	64.3		85	2+	32	9	122	0	0	1	0	4.56		.91	4	.0	0	11	4	0	
PINE BLUFF	76.1	53.6	64.9	0.4	87	21	32	13	115	0	0	1	0	12.82	7.62	2.36	4	.0	0	15	8	6	
PINE BLUFF CAA AP	74.8	53.1	64.0		86	30	33	12+	133	0	0	0	0	11.56		2.85	3	.0	0	17	8	5	
PORTLAND	74.2	52.8	63.5	- 0.6	86	3	36	13+	149	0	0	0	0	6.05	1.32	2.00	4	.0	0	9	5	2	
DIVISION			64.3	0.4									8.62	3.66			.0						

DAILY PRECIPITATION

ARKANSAS
APRIL 1997

Table 3—Continued

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MELBOURNE	14.21	.32	.05	2.72	3.38				.33			.51			T	.10			.07		1.02	1.10	.61	.19	.87		1.56	1.19	.18	.01		
MENA	13.58	.27	.82	1.42					.53				.61			.03	T	T	.10	1.09	.65	.05	2.28	1.01	.97	.53	2.01	.04	.05	1.12		
MONTICELLO 3 5	4.56	.65	.67	.91	.14								.01			.36					.26	T	T		.89	.12	.16	.10				
MOROBAY L AND O NO 8	9.60	1.19	.06	1.40	.06				.02				.17			.01	.30		.08		.83	.02	.25	.68	.51	T	.74	1.49	1.76	.03		
MORRILTON	13.38	.63	.03	1.80	3.39	.11	T		.35				.66			T	.10	T		.92		.19	1.05	.69	.16	.76	.08	1.38	.70	.38		
MOUNT IDA	11.18	.60	.16	1.99					.68								.08				.79	.04	1.03	.68	.70	.17	2.15	1.07	.22	.02		
MOUNT MAGAZINE	14.34		3.70	.10									.49			.15			.52		.52	1.00	1.25	.05	1.50	2.55	1.83	.30	.22			
MOUNTAIN HOME	10.75	.09	3.65	.55	T				.49				.40			.05			.56		.36	.99	.05	1.71	.73	.63	.11	.20	.13			
MOUNTAIN HOME C OF ENG	11.77	.18	.08	1.57	2.89	.09	T		.50				.55			.04			T	.31	.05	.46	.60	.34	.08	2.02	T	1.04	.48	.17	.28	
MOUNTAIN VIEW 1 E	14.67	.22	.11	3.40	3.57	.06	T		.50				.50								1.22	1.21	.37	.38	.76	1.20	1.10	.17				
MULBERRY 6 NNE	11.07	.05	1.00	2.67					.19							.25	.10			.43	.14	.42	1.20	.40	.57	1.90	.53	.10	.15	.22		
NARROWS DAM	10.55	.42	.17	1.99					.13				.30							.02	.11	.81	.05	3.24	1.83	1.04	.43	2.22	.18	.19	.43	
NASHVILLE PEACH SUBSTA	14.18	.46	.10	2.59					.05				.42			.02	T			.03	.11	.81	.64	2.57	1.11	.42	2.19	.30	.12	.03		
NATHAN 4 WNW	11.00	.40	.13	2.12					.06				.45			T	T			.03	.08	.80	.64	2.57	1.11	.42	2.19	.30	.12	.03		
NEWHOPE 3 E	16.03	.90	2.00	2.40									.45							.28	.98	1.02	2.00	.30	1.60	1.00	1.50	.50	1.00	1.00		
NEWPORT	11.95	.65	.05	.49	3.38	.05	T		.21				.30			T	.48			.06		.01	1.30	.37	.23	1.37	.15	.87	.41	1.33	.05	
NIMROD DAM	14.13	.65	.60	3.20	.33				.30				.45			T	.02			.08		.96	1.00	.25	.17	.90	1.56	.36	.55	2.75		
GOELL	12.56		4.58	.92					.50				.42			.74	.08	.28		.74	.08	.28	1.48	.32	.22	.71	.26	.31	.39			
OEEN 2 W	12.86	.53	.62	2.38					1.16				.77			.12				.12		.90	.76	.82	1.16	1.32	2.53	1.4	.38	.47		
OKAY	12.62	.79	T	3.15		T							.65		.05	T	.47	.54			.47	.54	.54	1.43	.02	1.58	1.32	1.75	.05	.07	.16	
OSCEOLA	7.46	.36	.15	1.0	3.75	.30			.75				.27			.03	.61			.14		.20	1.10	.03	.37				.30			
OWENSVILLE	11.07	.27	.68	2.20	.06	.01			1.25				.72			.01	.25			.10	.22	.48	.62	.50	.62	.10	1.90	.94	.10	.04		
OZARK	12.08	.07	1.93	2.69	T	T			.44				.89			.08	.07			.18	.64	.38	.89	.39	.52	1.19	.85	.31	1.17	.37		
OZONE	17.29	.40	4.22	2.84	T								.89			.22	.57	1.08		.22	.57	1.08	.33	1.08	.52	.75	1.07	1.60	1.50	.64	1.04	
PARAGOULO	9.21	.85	1.48	2.54	.29				.56				.37			.21	.36	.09			.04	.81	.19	.06	.46	.09	.79	.02				
PARIS	13.27		4.25	.05			T		.35				.90			.21	T	.48			.58	.37	.70	.73	.20	.70	1.38	2.24	.24	.28	.09	
PARKIN 2 W	10.19	.68	.16	4.65	.30				.34				.15			.73	.01			1.27		.42	.42	.20	.61	.05	.04	.07	.09			
PARKS	13.32	.11	1.42	1.10	.22				.22				.82			.12				1.21	.47		1.12	.73	.82	1.22	3.20	.22	.11	.55		
PERRYVILLE	12.49	.61	3.72	.51					.31				.31			T	.20	T	.82	.05	1.72	.31	.28	.69	.49	1.15	.72	.30				
PINE BLUFF	12.82	1.65	.02	2.36	.32				.30				.62			T	.32			1.36		.21	.18	.21	.39	.92	.09	1.11	1.50	1.26	T	
PINE BLUFF CAA AP	11.56	1.09	2.85	.17					.36				.56			T	.24	T	1.45		.38	.22	.21	1.70	1.03	.10	3.00	1.06	.56	T	.26	
PINE RIDGE	13.43	.48	.77	2.43					1.66				.87			T	T			.10	.32	.85	.55	.78	1.00	.48	2.50	.13	.34	.22		
POCAHONTAS 1	14.09	1.30	T	1.00	3.87	.13		.80					.40			*	.55			.05		1.26	.20	.05	1.25	.76	2.25	.09				
PORTLAND	6.05	1.35		2.00	.10				.10				.05			T	.35					.80	T	.50	.15	.65	T					
PRESCOTT	12.78	1.50	.04	3.96	.33				.03				.35			.04	.14			.03		.14	.02	.33	.40	1.33	.05	2.43	1.15	.51	T	
RATCLIFF	11.42			4.46									.47			.24	T	.17	.47			.38		.87	.31	*	2.03	.67	.42	.93		
RISON	10.40	1.27	.05	3.66	.09				.15				.18			1.02				1.02		.12	.27	.35	.45	.63	T	.80	1.25	.11	T	
ROGERS	9.81	T		3.90	.04	T			.70				.71		.31	.22	.49			.22	.49	.08	.52	.28	.04	.58	.11	1.31	.07			
RUSSELLVILLE	12.45	.25	5.47	.11	.11				.13				.64									1.12	.32	.17	.80	1.00	.98	.48	.06	.12		
SAINT CHARLES	9.07	1.38	.02	2.88	.21				.06				.56			T	.34			.58		.09	.54	.85	.05	.57	.40	.12	.36			
SAINT FRANCIS	8.00	.38	.49	3.32	.23				.56				.20			.20	.69					.81	.08	.03	.45	.23	.12	.21				
SALEM	12.70	.34	.75	2.00	3.78	.05			.43				.31			.05	.18			.05	.28	1.21	.15	.06	.25	.74	1.46	.55	.06			
SEARCY	12.89	.57	.11	2.30					.69				.32			.05	.53			.78		.05	1.42	.61	.22	.62	.04	1.90	1.32	1.30	.06	
SHERIDAN TOWER	13.93	.99	4.14		.05				.94			.55				.51		.14		.45	.99	.07	.76	.33	1.89	2.05	.07					
SHIRLEY 3 SE	14.10	.27	1.73	3.54	.07				.25				.43			.64		.19	.26	.40		1.19	1.26	.40	.76	.11	.90	1.42	.02			
SILSAM SPRINGS	9.69	T	3.70	.97	T				.80				.03	.53		.23	.22			.64	.23	.29	.10	.72	.20	.11	.67	.12	T			
SPARKMAN 4 E	19.07	.79	.10	5.00									.29			.20				.20		.60	.49	2.50	.90	.90	4.90	.50	.23			
STAMPS	15.05	1.00	T	4.45	.30				.12						.12	.35	.20			.80		.56	.30	.45	1.80	2.00	2.94	2.27	.19			
STAR CITY 2 5	9.05	.75		3.36	.46				.19				.18			.21				.80		.62	.62	.42	.75	2.16	.72	.63				
STEVE	10.13	.55	.70	2.36									.60									.62	.62	.42	.75	2.16	.72	.63				
STUTTIGART	12.94	1.20	.07	4.70	.44				.15				.52			T	.40			1.72	T	.20	.16	.42	.35	.64	.04	.45	1.00	.48	T	
STUTTIGART 9 ESE	11.04	1.37	.09	4.50	.32	T			.13	.02			.50			.03	.43	T		1.43	T	.23	.03	.34	.26	.57	.04	.30	.35	.03	.07	
SUBIACO	14.63		3.85	.03					.80				.86			*	.10			.16	.34	.49	.38	.67	.21	.87	1.61	3.40	.30	.32	.24	
TAYLOR	13.72	1.30		2.44	.09				.04				.24			.13	.10			1.18	T	.45	.44	1.26	.01	2.06	3.34	.33	.06			
TEXARKANA WB AP	10.64	.05	.06	3.10	T				.01				.03	.17		.06	T			.35	.55	.40	.88	1.32	.01	2.14	.93	.14	.44			
TURNPIKE	11.98	.02	4.18	.38	T				.43				.45			.03	.02	.18		.02	.79	.24	.15	.02	1.27	1.04	.90	.34	1.39	.16		
WALORON	12.85	.04	3.13						.31				.81			T				.23	.36	1.03	1.26	1.61	.58	2.02	.11	.21	.91			
WALNUT GROVE	13.09	.75	2.44	1.92	T				.18				.65	T		.28	.12			.38	.20	.15	T	.68	.18	2.16	.80	.10				
WALNUT RIDGE CAA AP	12.71	1.53	3.68	.20	.06			.13	.28				.81			T	.42	.01	.57		1.45	.34	.26	.36	.47	.23	1.90	T	.01			
WARREN	8.84																															

DAILY TEMPERATURES

ARKANSAS
APRIL 1957

Table 5

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	
ALUM FORK	72	81	80	72	69	74	73	70	66	70	75	72	52	61	62	62	74	80	79	82	81	79	70	82	79	77	69	72	87	84	73.5	
	51	45	50	49	40	36	56	43	32	37	46	31	28	33	34	56	56	60	60	63	60	58	58	59	60	63	60	61	61	63	50.3	
ARKAOELPHIA	76	86	77	77	62	77	74	70	67	74	78	69	55	64	69	60	80	84	83	83	84	80	78	83	78	79	68	72	78	82	74.9	
	54	51	59	52	53	38	55	48	35	38	49	36	31	34	37	50	56	61	60	62	63	59	61	59	62	61	62	63	62	62	52.4	
ASHMOON	73	84	78	73	66	76	77	74	66	71	77	76	50	63	65	66	79	82	82	79	75	76	74	78	82	81	68	74	83	84	74.4	
	54	54	58	47	48	39	36	47	33	39	46	39	33	35	39	51	58	63	66	63	62	60	59	57	61	61	62	63	63	62	51.9	
BALO KNOB	72	79	75	74	73	73	72	68	64	68	72	68	50	57	62	61	74	80	80	81	83	80	77	82	80	81	72	76	80	82	73.2	
	52	42	52	56	44	34	57	45	34	37	45	32	30	32	33	47	51	56	60	65	63	61	63	63	61	63	62	61	62	62	50.8	
BATESVILLE LIVESTOCK	62	75	79	59	73	64	72	70	53	68	70	74	41	52	61	59	61	76	80	83	81	81	84	72	72	75	82	67	76	82	70.1	
	51	48	46	53	41	35	40	47	30	32	44	35	25	30	32	37	55	57	61	64	60	58	60	59	58	61	58	60	60	63	48.7	
BATESVILLE L AND O NO 1	71	80	76	73	70	73	72	69	67	70	75	71	52	59	60	60	76	80	83	82	82	84	72	82	79	83	68	77	82	84	73.7	
	53	44	53	56	38	33	57	43	29	36	44	31	26	28	30	52	52	57	62	65	61	57	60	63	59	60	67	61	65	65	49.5	
BENTON	75	85	76	76	60	75	72	71	66	70	75	66	53	60	62	64	79	82	81	82	82	78	70	82	76	78	69	76	80	83	73.5	
	53	45	55	49	40	33	45	46	33	35	45	32	30	31	37	58	56	59	63	58	62	59	60	59	61	66	61	60	60	60	50.4	
BENTONVILLE	63	81	70	57	48	72	65	56	65	70	73	47	44	58	55	62	70	78	76	73	75	78	68	81	78	71	70	75	77	82	67.9	
	50	41	55	44	30	31	55	35	32	35	41	25	16	24	38	48	55	58	69	64	60	59	50	60	55	59	58	54	59	59	47.3	
BLAKELY MOUNTAIN OAM	64	75	83	70	75	55	77	72	56	67	71	77	43	53	63	64	61	74	81	80	76	81	78	72	80	72	76	67	68	84	70.5	
	53	45	48	49	40	32	45	46	33	35	42	43	31	32	33	44	55	60	63	60	59	58	59	62	60	62	60	62	60	62	49.0	
BLYTHEVILLE	68	78	81	74	64	68	73	68	63	70	73	63	50	56	64	60	78	82	86	83	86	86	83	85	80	85	85	85	85	85	74.9	
	55	50	58	52	43	40	54	43	35	40	47	30	30	36	37	51	54	55	60	60	65	64	63	68	62	65	63	61	65	63	52.3	
BOONEVILLE	70	84	78	66	68	73	73	64	67	73	77	68	53	62	62	69	75	78	83	75	76	75	80	85	82	70	77	73	78	85	73.3	
	52	47	57	49	37	39	59	42	31	36	51	32	27	30	44	51	59	64	66	64	63	58	57	58	58	60	60	61	61	61	51.1	
BRINKLEY	72	80	80	75	75	73	73	65	63	67	71	70	51	58	63	65	77	83	83	82	83	83	82	77	77	83	81	79	83	85	74.2	
	52	49	55	55	44	41	42	45	35	40	50	33	30	34	35	49	51	55	57	61	65	63	63	63	63	63	63	63	64	64	49.7	
CAMOEN 1	65	76	81	78	81	58	78	77	59	65	72	74	54	52	65	68	65	81	84	83	85	83	79	77	85	81	79	67	79	84	72.8	
	55	50	52	54	44	43	45	52	38	42	47	48	33	35	39	47	55	60	62	62	61	60	64	61	62	64	61	63	62	64	52.8	
CAMP CHAFFEE	66	66	84	60	60	54	76	72	55	67	71	75	43	52	61	61	69	75	80	82	71	72	76	68	78	80	69	72	75	77	68.9	
	49	45	57	48	39	33	45	43	30	34	45	38	29	29	40	46	52	62	63	65	62	57	59	58	57	62	62	62	63	61	49.8	
CLARKSVILLE	70	80	77	65	59	77	70	68	66	69	75	72	53	60	64	64	75	75	81	80	78	77	67	84	77	67	78	75	81	85	72.6	
	52	45	55	49	35	33	52	39	30	36	51	32	27	29	38	50	57	61	63	63	61	57	59	60	58	57	60	59	61	61	49.7	
CONWAY	72	80	79	75	66	75	74	70	66	68	74	74	53	60	60	60	75	82	81	83	83	79	71	83	78	79	71	71	82	84	73.6	
	53	46	58	53	43	37	58	46	35	39	46	32	29	32	36	51	58	61	62	65	62	59	61	62	62	61	62	62	59	67	51.9	
CORNING	69	73	73	73	68	66	70	67	65	70	75	68	53	60	61	58	75	79	85	83	83	84	84	84	78	82	77	80	80	83	73.5	
	53	50	51	56	40	40	56	42	34	42	45	30	28	34	40	55	54	57	57	56	65	53	64	67	62	65	62	63	64	63	51.6	
CROSSETT 7 S	75	86	84	78	76	77	75	72	66	73	73	71	54	64	71	68	85	86	83	86	84	82	81	83	83	83	81	78	87	86	77.7	
	57	50	60	53	47	36	49	51	31	35	49	45	34	41	33	54	57	58	63	59	64	62	67	67	63	63	64	63	60	63	53.3	
CUMMINS FARM	74	81	77	79	69	75	74	73	65	68	72	71	52	59	68	65	77	82	61	82	83	81	80	83	80	80	79	76	82	84	75.1	
	53	49	56	55	44	40	48	46	37	37	47	35	30	34	35	51	50	56	59	60	62	61	63	64	60	61	62	61	60	62	51.3	
DAROEANELLE	71	81	75	71	58	77	73	68	68	70	76	72	54	61	60	64	75	79	81	80	80	78	70	86	85	79	70	72	80	84	73.3	
	53	47	57	51	40	37	57	45	33	39	39	32	30	34	41	51	58	61	63	65	63	58	60	61	60	61	62	61	63	64	51.5	
DE QUEEN	75	84	69	72	61	77	74	65	69	72	79	70	53	66	64	67	79	83	85	77	77	74	67	81	84	77	72	77	79	85	73.8	
	50	52	61	45	39	33	55	44	31	36	43	46	30	37	41	51	59	62	64	63	60	58	58	59	58	62	59	60	61	58	51.2	
OES ARC	65	73	82	73	75	51	69	72	54	64	68	73	44	51	58	64	61	75	82	83	82	84	82	80	84	75	82	76	79	81	71.5	
	54	50	57	57	44	38	46	51	36	41	48	41	31	37	40	45	55	59	60	66	62	62	64	65	63	65	63	62	63	65	53.0	
OEVILS KNOB	66	74	70	60	52	71	66	59	61	64	72	65	45	58	53	55	65	70	69	70	73	75	62	75	64	66	63	70	72	80	65.7	
	47	50	50	43	28	36	46	42	36	44	49	23	20	30	36	46	51	56	56	59	57	57	53	56	59	56	56	52	56	57	46.5	
OUMAS 1	75	84	79	79	65	77	76	72	64	71	74	68	53	60	70	65	78	85	82	82	86	84	82	83	81	80	80	80	81	85	75.7	
	56	52	60	57	46	41	50	49	35	40	48	38	32	35	36	54	55	58	60	62	66	64	64	67	64	65	65	65	64	63	53.7	
EL OORADO CAA AP	75	85	78	80	57	76	76	73	66	72	74	57	51	62	69	69	81	86	83	86	83	78	82	80	80	80	69	80	89	83	75.3	
	55	54	61	54	42	36	53	40	33	38	52	35	33	40	35	53	58	63	63	64	63	61	62	63	64	67	63	62	63	62	53.1	
EUREKA SPRINGS																																

DAILY TEMPERATURES

Table 5 - Continued

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HOT SPRINGS 1 NNE	MAX	75	85	77	73	66	76	71	71	67	71	77	76	55	65	65	60	76	82	79	83	82	77	67	81	73	77	68	68	84	85	
	MIN	52	51	56	51	42	43	56	44	38	44	51	32	28	35	40	52	58	61	62	63	61	60	59	61	61	63	60	61	61	64	
JONESBORO	MAX	68	76	76	75	70	71	71	69	65	70	75	69	51	60	65	59	75	81	86	83	85	86	83	85	79	83	78	81	81	83	
	MIN	54	49	57	58	46	42	55	49	36	42	49	31	30	40	38	52	55	52	60	64	66	63	64	67	62	66	65	64	64	65	
KEO	MAX	75	82	74	77	61	77	73	71	66	69	73	68	52	60	65	62	76	83	81	83	84	80	76	82	76	80	72	78	84	86	
	MIN	54	49	57	56	43	38	49	46	34	38	46	32	30	32	34	49	54	58	61	62	62	60	63	65	62	63	63	62	61	65	
LEAD HILL	MAX	70	80	72	68	51	74	68	61	67	70	75	58	50	58	56	63	73	70	79	78	81	83	69	82	78	76	65	72	78	85	
	MIN	51	41	51	50	34	32	54	41	27	31	39	22	12	25	30	48	55	55	62	63	61	55	59	62	55	61	56	61	62	58	
LITTLE ROCK W8 AP	MAX	74	81	74	78	53	76	72	72	64	69	72	56	52	60	64	60	72	81	82	83	84	79	70	82	74	79	70	76	82	83	
	MIN	54	53	57	52	45	41	58	42	38	43	52	32	32	38	38	52	58	60	63	64	64	61	63	63	61	65	62	62	62	67	
MAGNOLIA 3 N	MAX	75	83	80	80	66	76	77	77	65	71	74	72	50	62	66	67	78	85	83	80	83	78	76	82	80	80	69	75	83	81	
	MIN	55	55	63	53	43	39	51	49	33	40	49	49	33	39	36	50	55	64	64	64	63	60	61	61	60	61	61	62	61	62	
HALVERN	MAX	76	86	82	76	64	76	75	72	66	73	76	75	54	61	67	60	78	82	83	84	84	80	74	83	76	80	70	76	82	85	
	MIN	53	50	59	53	41	35	58	47	34	37	46	29	27	34	35	49	57	60	63	64	64	58	62	58	62	67	62	64	62	65	
MAMMOTH SPRING	MAX	68	75	66	71	56	67	63	60	67	70	74	59	53	61	58	60	74	76	82	81	81	83	78	84	75	74	64	75	82	84	
	MIN	51	43	50	55	41	34	40	42	27	34	40	29	26	29	30	49	55	59	63	61	61	60	60	65	57	61	60	62	60	60	
MARIANNA 2 S	MAX	71	80	79	72	67	71	73	72	62	67	71	69	51	58	66	67	77	84	82	80	82	83	82	83	77	80	82	81	85	84	
	MIN	55	49	57	57	45	39	50	46	32	38	48	32	30	35	36	50	51	56	59	62	69	61	63	64	61	63	62	63	64	65	
MARKED TREE	MAX	68	80	76	75	70	70	71	70	63	68	74	69	50	57	64	64	76	80	83	81	83	84	81	83	80	82	81	83	83	85	
	MIN	56	50	58	57	43	37	51	44	35	40	48	31	31	37	38	51	54	56	61	63	65	63	64	66	62	64	63	64	63	65	
MARSHALL	MAX	70	79	75	70	65	73	73	70	67	68	75	67	49	60	57	64	72	74	79	78	78	80	70	82	75	76	69	70	79	82	
	MIN	52	48	53	51	38	36	54	40	29	45	50	27	22	27	38	45	50	60	61	61	60	57	58	62	58	60	59	59	59	62	
MENA	MAX	74	81	75	69	56	74	68	67	68	70	79	73	49	62	60	66	72	80	81	72	73	71	69	77	76	74	73	73	79	81	
	MIN	49	49	56	44	37	39	55	39	34	40	45	33	27	33	40	52	57	62	64	62	61	56	56	59	56	60	59	59	60	59	
MONTICELLO 3 S	MAX	74	85	80	77	60	75	75	75	66	70	74	67	53	61	68	65	80	84	83	85	84	83	80	83	81	80	78	80	84	83	
	MIN	54	55	59	57	44	37	53	49	32	37	49	42	33	36	42	51	51	59	61	62	64	60	62	64	61	63	63	61	61	63	
MORRILTON	MAX	71	80	74	74	60	75	72	69	67	69	74	67	52	60	60	60	75	80	80	80	82	79	69	83	77	80	69	71	81	84	
	MIN	53	47	50	53	43	36	56	45	36	38	49	32	30	37	34	51	58	60	63	65	64	59	60	61	60	65	62	62	62	65	
MOUNT IOA	MAX	70	84		72			71			70	67		52	62	62	64	75	80	82		78	78	68	82	75	75	70	68	82	84	
	MIN	52	50		46	40	31	42	29		32	42	33	27	29	32	44	57	61	64	60	58	58	67	60	58	61	57	60	57	59	
MOUNT MAGAZINE	MAX	55	70	64	60	52	68	63	58	58	56	71	61	41	49	50	54	65	65	71	72	66	65	69	61	73	63	66	61	65	73	
	MIN	39	52	50	40	28	32	50	31	35	42	48	25	21	31	37	45	52	54	57	54	50	58	54	53	54	54	55	54	56	59	
MOUNTAIN HOME	MAX	71	78	67	70	60	74	71	65	66	70	71	69	55	59	56	62	74	77	80	79	79	84	79	84	80	79	67	71	79	84	
	MIN	51	47	52	52	35	36	55	38	33	41	46	28	22	32	37	49	55	57	57	63	59	59	61	61	58	61	58	60	61	61	
MOUNTAIN HOME C OF ENG	MAX	59	72	77	58	73	47	73	72	51	68	69	75	32	53	59	56	63	75	75	81	80	79	84	70	84	78	80	68	72	79	
	MIN	52	44	50	53	40	34	42	40	28	35	42	30	19	30	32	43	51	55	57	63	60	58	59	60	57	61	57	61	61	62	
NARROWS DAM	MAX	69	75	85	70	73	58	75	73	57	67	72	78	48	54	65	63	63	79	82	82	75	79	75	74	71	78	72	69	77	82	
	MIN	55	48	57	50	36	31	37	46	32	35	42	47	31	32	35	47	55	57	64	58	60	56	59	58	57	62	61	60	62	65	
NASHVILLE PEACH SUBSTA	MAX	69	72	82	70	72	57	73	72	57	64	70	76	46	51	64	62	65	78	81	81	73	75	73	64	78	80	74	68	73	81	
	MIN	53	53	60	47	41	34	41	45	34	39	46	46	31	31	41	45	53	59	63	65	62	59	57	57	59	62	60	61	62	63	
NEWPORT	MAX	73	81	74	76	68	72	70	67	66	70	76	70	51	59	63	64	75	82	83	82	87	86	83	85	78	83	82	79	84	86	
	MIN	44	50	57	56	44	42	56	45	37	42	49	31	31	38	38	51	54	58	59	66	64	61	64	65	61	64	62	64	63	65	
NIMROD DAM	MAX	65	73	84	71	73	62	77	72	55	68	73	78	50	54	63	63	63	77	80	81	77	80	78	69	84	75	69	66	82		
	MIN	51	45	50	49	40	33	58	44	32	35	43	41	29	30	32	41	57	59	64	67	61	55	58	58	58	61	60	59	61	60	
OKAY	MAX	74	85	78	74	66	77	73	75	67	73	78	76	51	63	62	66	82	82	83	79	76	77	73	80	82	82	79	77	80	85	
	MIN	55	52	59	50	45	38	57	48	36	41	48	40	33	37	42	52	52	65	67	64	62	62	59	60	62	62	64	62	62	63	
OZARK	MAX	70	81	76	64	55	75	71	68	66	70	75	72	54	60	57	67	75	77	80	78	76	77	72	80	78	74	72	76	80	82	
	MIN	53	46	60	49	39	35	55	44	33	37	52	31	28	33	42	50	58	63	64	65	63	57	59	61	57	58	61	61	63	60	
PARAGOULD	MAX	68	73	74	72	71	67	67	66	64	66	72	70	51	59	62	58	68	76	84	80	81	82	79	82	78	80	78	81	81	82	
	MIN	48	51	53	52	39	35	51	43	32	39	44	29	29	35	36	50	51	55	58	63	63	63	63	66	62	63	57	61	64	64	
PARIS	MAX	68	84	75	64	58	76	72	69	67	72	75	73	53	61	61	67	76	78	82	79	78	77	71	82	79	75	70	73	78	79	
	MIN	52	44	57	49	41	35	54	43	32	36	48	32	28	30	35	49	57	59	60	65	63	55	59	60	57	62	61	59	62	5	

DAILY TEMPERATURES

ARKANSAS
APRIL 1957

Table 5 - Continued

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
STUTT GART 9 ESE	MAX	65	72	81	73	74	53	72	70	57	62	68	71	47	51	58	65	65	75	82	80	81	82	81	80	81	76	79	78	78	82	71.3
	MIN	51	52	55	56	45		46	55	28	39	44	42	33	35	38	43	54	58	61	63	63	63	64	66	61	64	63	63	64	65	52.9
SUBIACO	MAX	68	83	73	65	53	72	70	68	67	73	75	69	52	61	58	67	76	77	82	78	77	80	70	82	80	72	71	73	78	85	71.8
	MIN	52	47	56	48	36	39	56	43	39	37	50	31	28	34	29	49	57	61	64	68	60	57	58	59	57	60	60	59	60	60	50.5
TEXARKANA W8 AP	MAX	73	84	74	73	59	77	77	73	65	72	77	63	50	63	63	68	76	82	82	81	76	77	70	80	83	76	67	75	84	84	73.5
	MIN	56	57	57	50	44	45	56	46	38	47	52	35	33	41	45	54	59	65	66	65	62	63	60	58	63	62	63	63	66	65	54.5
TURNPIKE	MAX	65	75	68	63	53	69	64	61	63	64	71	63	43	55	57	58	66	68	71	73	74	75	62	76	72	70	67	65	74	77	66.1
	MIN	47	47	51	43	30	38	52	34	37	44	50	23	23	32	38	47	52	57	58	60	54	58	55	57	56	57	55	57	57	57	47.5
WALORON	MAX	73	85	78	67	64	77	71	68	68	73	75	70	55	62	62	67	75	79	82	81	75	74	72	80	80	80	79	73	80	84	73.6
	MIN	51	45	57	48	41	32	59	41	30	35	45	34	29	30	38	52	60	64	66	64	60	56	58	60	56	61	60	58	60	59	50.3
WALNUT RIOGE CAA AP	MAX	68	75	73	72	54	69	69	67	64	68	73	44	51	58	59	59	74	78	84	81	83	84	79	83	74	82	75	78	81	82	71.4
	MIN	54	50	54	54	38	39	55	39	36	42	42	30	27	35	39	52	53	57	59	64	64	63	65	68	62	64	62	64	66	66	52.1
WARREN	MAX	75	85	80	79	65	67	73	73	67	72	74	68	55	63	69	65	82	85	83	85	85	85	83	85	82	82	75	81	85	85	76.4
	MIN	55	51	59	55	49	42	40	50	35	38	51	41	33	39	36	54	56	60	63	63	62	64	66	66	62	65	63	62	63	62	53.5
WHITE ROCK	MAX	60	76	70	57	53	69	65	58	60	66	71	66	44	57	53	56	67	72	70	69	70	73	64	72	69	68	62	72	68	77	65.1
	MIN	48	49	50	40	28	37	51	32	36	42	50	23	21	32	41	44	52	55	59	60	58	58	53	57	54	57	55	57	57	58	47.1
WILSON	MAX	75	79	80	72	70	70	70	70	64	71	72	68	51	57	65	63	76	83	86	84	85	84	83	85	81	83	86	84	84	87	75.6
	MIN	53	48	59	59	46	40	54	46	35	42	53	38	31	39	36	52	52	53	61	65	64	63	64	68	63	65	62	63	63	65	53.4
WYNNE	MAX	70	79	75	75	70	72	72	71	63	75	72	74	50	56	63	66	76	82	83	82	82	79	82	83	78	81	79	81	81	84	74.5
	MIN	54	43	58	54	41	39	54	46	33	40	53	32	29	32	35	55	54	54	63	65	64	60	59	63	62	62	62	62	61	51.7	

EVAPORATION AND WIND

Table 6

Station	Day of month																															Total or Avg.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BLAKELY MOUNTAIN OAM	EVAP	.07	.17	-	-	.15	.07	.21	.09	.17	.10	.18	.15	.02	.10	.15	.07	.00	.07	.06	.14	.00	.14	.08	.00	.14	.05	-	.03	.03	.09	2.818
	WIND	37	27	69	33	63	40	62	51	67	22	18	29	52	31	23	34	18	15	33	40	23	16	23	18	34	12	27	11	14	30	972
HOPE 3 NE	EVAP	-	.14	.23	-	.24	.19	.24	.09	.19	.15	.14	.15	.16	.08	.19	.07	.01	.09	.11	.14	.12	.14	.04	.04	-	.07	-	.30	.05	.12	4.038
	WIND	71	43	55	52	51	72	69	58	70	10	14	32	113	53	32	17	26	9	61	*	23	11	11	35	13	11	23	20	12	34	1101
MOUNTAIN HOME C OF ENG	EVAP	.05	.13	.36	.31	.23	.09	.27	.18	.09	.14	.20	.22	*	*	.18	.06	.02	.07	.06	.19	.13	.13	.24	.04	-	.12	.21	.02	.05	.12	4.048
	WIND	45	33	88	47	84	80	97	66	60	23	31	71	33	33	21	51	34	27	22	92	39	21	39	47	44	44	36	13	21	35	1377
NARROWS OAM	EVAP	.12	.11	.22	-	.21	.17	.28	.10	.16	.16	.18	.16	.07	.10	.18	.09	.02	.05	.12	.15	.07	.07	.14	.06	.07	.03	-	.02	.06	.20	3.618
	WIND	60	61	94	40	71	88	105	105	67	32	41	37	41	30	31	41	36	21	59	79	28	35	37	13	43	29	43	26	25	71	1489
NIMROO OAM	EVAP	-	.12	.18	-	-	.08	.22	.11	.11	.18	.18	.27	*	.03	.15	.07	.02	.07	.11	.17	.17	.18	-	.01	.26	.04	-	.01	-	3.578	
	WIND	21	52	48	49	112	153	67	88	60	31	18	11	15	10	15	20	4	27	23	74	20	10	27	6	56	5	27	6	25	1085	
STUTT GART 9 ESE	EVAP	-	.09	.16	-	.17	.16	.21	.03	.15	.10	.14	.14	.07	.11	.12	.14	*	.06	.15	.19	.16	.17	.06	.16	.19	.04	.14	.07	.07	.15	3.648
	WIND	55	42	41	84	71	138	70	96	83	6	17	39	66	21	15	29	22	6	75	80	66	49	28	41	42	13	41	28	3	2	1369

SNOWFALL AND SNOW ON GROUND

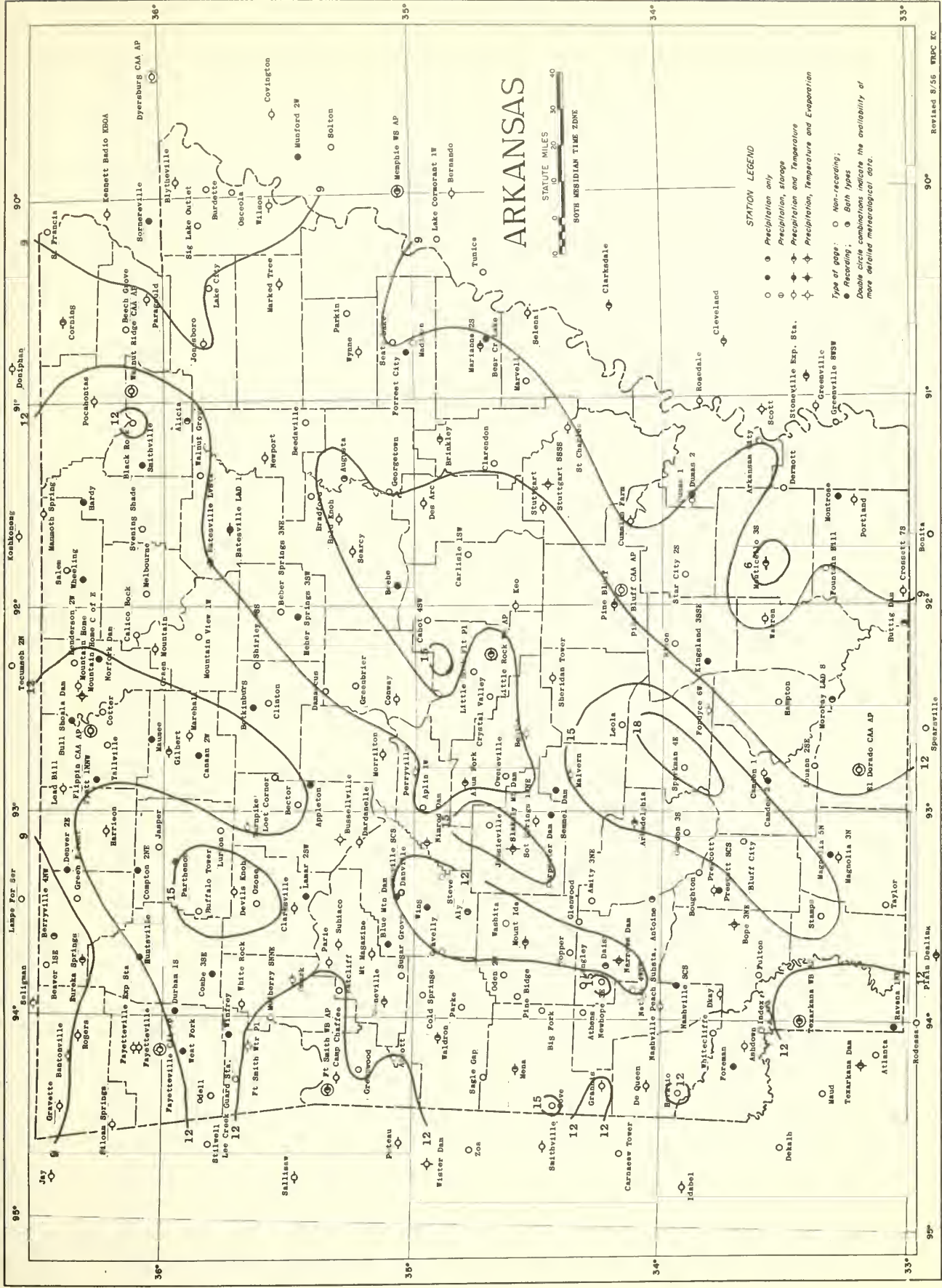
ARKANSAS
APRIL 1957

Table 7

Station	Day of month																																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
BATESVILLE L & D 1						T																															
BLYTHEVILLE												T																									
CONWAY												T	T																								
DEVILS KNOB						.5																															
EUREKA SPRINGS					T												*	3.0																			
FAYETTEVILLE CAA AP												1.0	1																								
FLIPPEN CAA AP					T												3.0	3																			
FORT SMITH WB AP					T												T																				
GILBERT						T												1.0																			
GRAVETTE					T												4.0	-																			
HOT SPRINGS 1 NNE												T																									
JONESBORO												T																									
LITTLE ROCK WB AP												T																									
MAMMOTH SPRING						T												T																			
MARIANNA 2 S												T																									
MARKED TREE												T																									
MOUNT IDA												T																									
NEWPORT												T																									
OZARK						T												T																			
ROGERS					T												2.0	2	1	T																	
WALNUT RIDGE CAA AP					T												1.5	2																			

TOTAL PRECIPITATION

APRIL 1957

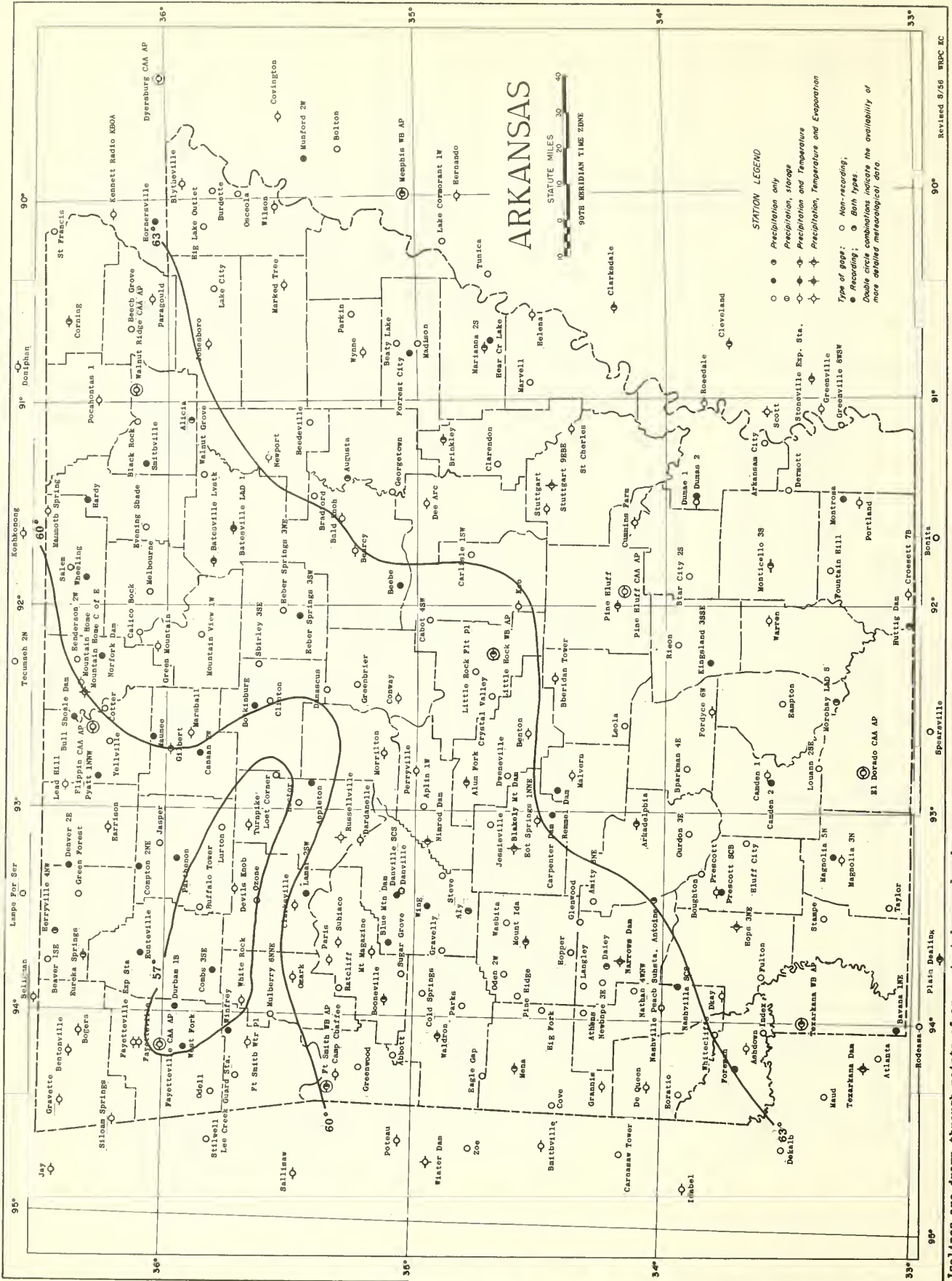


Revised 8/56 NRC IC

Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

APRIL 1957



Isolines are drawn through points of approximately equal values.

STATION INDEX

ARKANSAS
APRIL 1957

Table with columns: Station, Index No., County, Drainage, Latitude, Longitude, Elevation, Temp, Precip, Observer, Refer to tables. The table lists numerous weather stations across Arkansas, organized by county and drainage area, with corresponding index numbers and observer names.

NEW STATIONS

Table listing new stations with columns: Station, Index No., County, Drainage, Latitude, Longitude, Elevation, Temp, Precip, Observer, Refer to tables. It includes stations like Lake Maumelle and Hamburg.

1. Arkansas 2. Mississippi 3. Ouachita 4. Red 5. Saint Francis 6. Saline 7. White

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground. Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall tables, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

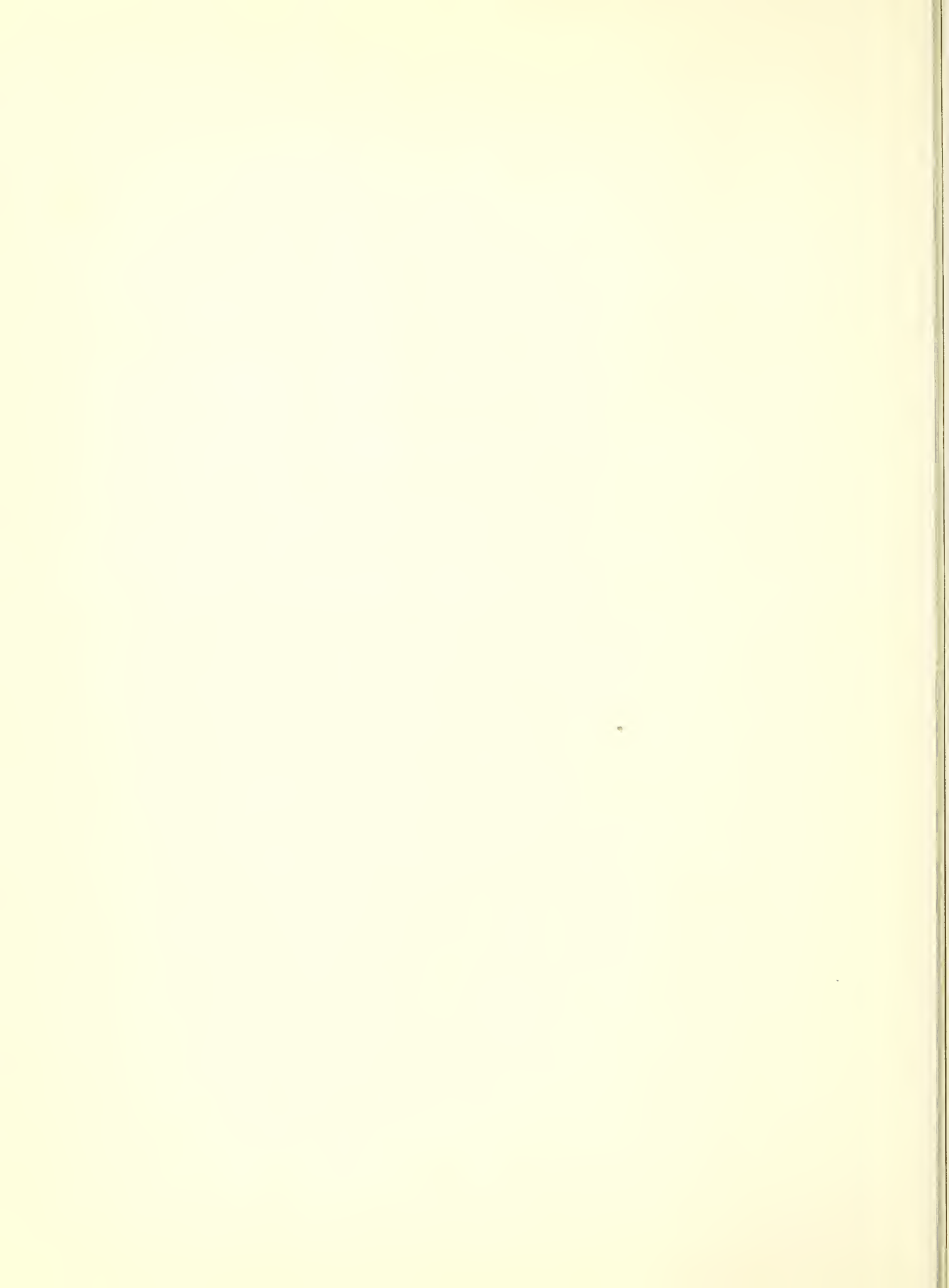
Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

Subscription Prices: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

NWRC, Asheville, N. C. -- 6-5-57 -- 1500



21 18/51
U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

AGRICULTURAL RESEARCH DEPARTMENT
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CLIMATOLOGICAL DATA

ARKANSAS

MAY 1957

Volume LXII No. 5



WEATHER SUMMARY

Rainy weather and wet soils delayed land preparation and other field work during much of the month. Field work was possible and progressed rapidly on a few days on the well drained uplands. Rivers and bayous flooded thousands of acres of lowlands. Hay crops, pastures, early-planted vegetables, and weeds grew rapidly. Temperatures averaged slightly above seasonal.

The first few days of May were mild. Northerly winds began bringing in cool air near the middle of the first week. Most stations registered their lowest temperatures for the month on the 5th. Early morning temperatures on that date were mostly in the upper 30's over the northwestern and north central counties and in the 40's at most stations in other parts of the State. The lowest temperature for the State, 34 degrees, occurred at Harrison and Lead Hill on the 5th. Southerly winds brought warmer weather shortly after the end of the first week and mild weather continued to the end of the third week. The warmest days at most stations were the 15th to 17th. Afternoon temperatures during that period were mostly in the 80's and lower 90's. The highest temperature for the State, 93 degrees, occurred at Stuttgart on the 17th, at Dumas 1 on the 22d, and at Hope 3NE on the 23d. Temperatures during the last week of May averaged near seasonal. Monthly mean temperatures ranged from 64.7 degrees at Mount Magazine to 73.8 degrees at Pine Bluff. Monthly mean temperatures were above the long-term means at all stations except Fayetteville Experiment Station. Temperature departures ranged from -0.2 degree at Fayetteville Experiment Station to +3.4 degrees at Perryville.

Light scattered showers occurred on the first two days of May. The next several days were mostly fair with no important precipitation. Generous rains fell on many days from the 11th to 26th and a few light scattered showers fell during the last few days of May. The heaviest daily precipitation amounts fell on the 13th, 14th, and from the 21st to 24th. Numerous stations received three inches or more of rain on one or more days. Many stations recorded an inch or more on several days. Monthly totals ranged from 3.39 inches at Warren to 15.45 inches at Ft. Smith Water Plant. Several counties in southeastern Arkansas and a few scattered stations received less than six inches of rain during May. Many western, central, and northeastern counties received more than nine inches. Several stations, mostly in the northwestern part of the State, received more than 12 inches. The rainfall totals at three stations--Ft. Smith Water Plant, Lake Maumelle, and Odell--exceeded 15 inches. Monthly totals exceeded the long-term May averages at all but a few stations. Many stations received more than twice their long-term means and some stations received more than three times their long-term means. Rainfall over some parts of Arkansas during the first five months of 1957 was greater than was received during the entire year 1956.

At the end of May, storage in all the reservoirs in the State was considerably above average. Streamflow throughout the State was unusually high. The generous rains and the abundant soil and surface moisture supplies were very encouraging in contrast to the unhappy feelings of the previous drought years.

Most of the cotton acreage was planted and much of the crop was up to good stands. Considerable acreage was under water. It was estimated that one-fifth of the acreage would have to be replanted. Many fields were ready for chopping which, along with other field work, was prevented by unfavorable weather. Early corn made good growth and the drier fields were being cultivated. Sorghum progressed. Lespedeza and other hay crops made fine growth. Some hay was made between rains but some was damaged by rains after cutting. Grain harvest was completed in some areas and was well underway in many counties. Floods, excessive rain, and disease caused heavy losses of small grain acreage. Cattle continued in excellent condition on abundant pasture.

STORMS

During the late forenoon of May 11, a tornado damaged a barn one mile south of the Prairie View community. The storm then went aloft but dropped down one-fourth mile northeast where it damaged several buildings and destroyed a number of fruit trees.

Several tornadoes and other windstorms occurred on the 13th. One of the most severe tornadoes on the 13th damaged several houses along a path from Friendship to Malvern and a large brick plant at Malvern. Another tornado on the 13th followed a path from Conway to Guy. In Conway, it destroyed 13 residences, caused extensive damage to 12 others and lesser damage to 35 more. It damaged 21 business buildings and 20 farm buildings. Eighteen persons were injured and one was killed at Conway. This storm touched the ground again at Guy where it caused slight damage to property. Other tornadoes on the 13th caused moderate property damage at the Ashdown, Mineral Springs, Unity, Blackland, and Delight communities and in Izard County southwest of Oxford. Strong winds caused property damage in several communities in Pope, Hempstead, Clark, Cleburne, and Van Buren Counties.

On the 18th, strong winds destroyed a crop-dusting airplane, damaged two others, and damaged several roofs.

Several severe thunderstorms occurred on the afternoon and evening of the 21st and the night of the 21st and 22d. One of the most severe of these thunderstorms caused widespread damage in Faulkner, Lonoke, White, and Jackson Counties. Included in the damage was the destruction of an airplane and hangar near Cabot. Another severe thunderstorm on the 21st caused extensive damage on the campus of the Arkansas State College at Jonesboro, and considerable damage to residential property in Jonesboro. Strong winds and heavy rain caused moderate damage to crops and other property in Mississippi County. Lesser damage occurred in Poinsett, Greene, Clay, Sevier, Benton, and Washington Counties.

Tornadoes and severe thunderstorms caused property damage in Washington County on the 22d and in Columbia, Howard, Drew, and Faulkner Counties on the 23d. Funnels were seen in Sebastian and Garland Counties on the 25th but damage was slight. Several persons were injured in Drew County on the 25th when the wind broke a large plate glass window. The wind caused considerable other local property damage in the El Dorado vicinity.

For more details regarding the storms that occurred over Arkansas during May, the reader is referred to Climatological Data, National Summary.

FLOODS

Heavy thunderstorms over Oklahoma, southern Kansas, and Arkansas during the latter half of May caused severe flooding throughout the course of the Arkansas River in the State of Arkansas. The river was above flood stage from the 21st to the end of the month. Crest stages were the highest since April 1945. The White River was above flood stage from Newport downstream at the beginning of the month and continued above flood stage for several days. Heavy rains over the watershed from the 22d to 24th again sent the stream above flood stage from Calico Rock to Newport. The stream was above flood stage at Newport from the 25th to the end of the month. The Black River was above flood stage throughout the month. Other streams to go above flood stage at times were the Little Red, the Ouachita, and the Saline Rivers.

Lucius W. Dye
Climatologist
Weather Records Processing Center
Kansas City, Missouri

SUPPLEMENTAL DATA

ARKANSAS
MAY 1957

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation								
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
Fort Smith WB Airport	ENE	22	8.3	42	W	17	83	90	59	64	5	2	4	2	4	1	18	47	7.1
Little Rock WB Airport	S	15	9.1	47	N	23	80	83	56	60	3	3	5	3	3	1	18	58	6.5
Texarkana WB Airport	SE	15	8.8	-	-	-	-	89	-	-	1	2	3	1	2	1	10	-	-

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet			No. of Days	
										90° or Above	32° or Below	0° or Below	0° or Below	0° or Below					Total	Max. Depth on Ground	Date	10 or More	50 or More
NORTHWEST DIVISION																							
BENTONVILLE	77.6	55.2	66.4		89	15	35	5	41	0	0	0	0	12.27		2.74	21		0	0	11	7	5
EUREKA SPRINGS	77.7	56.1	66.9	0.4	87	15	36	5	41	0	0	0	0	11.20	4.89	2.04	25		0	0	12	9	3
FAYETTEVILLE	78.3	57.1	67.7		88	15	39	5	29	0	0	0	0	13.36		2.77	17		0	0	11	10	4
FAYETTEVILLE CAA AP	77.2	55.9	66.6		86	15	38	5	44	0	0	0	0	13.39		3.93	22		0	0	12	9	3
FAYETTEVILLE EXP STA	76.9	54.7	65.8	-0.2	84	31	37	5	42	0	0	0	0	11.64	5.85	2.67	25		0	0	11	6	4
GRAVETTE	77.1	54.7	65.9	0.1	86	15	36	5	48	0	0	0	0	12.65	6.98	4.23	21		0	0	11	7	4
HARRISON	79.3	55.2	67.3	1.0	89	15	34	5	45	0	0	0	0	9.58		2.50	23		0	0	11	6	3
LEAO HILL	80.2	56.7	68.5	2.7	90	15	34	5	36	1	0	0	0	8.77	3.77	2.68	23		0	0	10	6	3
ROGERS	76.8	56.9	66.9	0.9	87	15	40	5	32	0	0	0	0	9.17	3.19	2.56	21		0	0	12	6	3
SILOAM SPRINGS	77.1	57.1	67.1		85	15	37	5	33	0	0	0	0	13.12		2.55	25		0	0	11	8	6
DIVISION																							
66.9 0.9 11.52 5.58 0																							
NORTH CENTRAL DIVISION																							
FLIPPIN CAA AP	79.5	57.3	68.4		90	15	40	5+	31	1	0	0	0	9.17		2.65	22		0	0	14	6	2
GILBERT	80.9	56.2	68.6		90	15	35	5	26	1	0	0	0	9.91		3.05	23		0	0	14	7	3
MAMMOTH SPRING	79.7	56.3	68.0	1.4	90	15	38	5+	41	1	0	0	0	10.93		4.00	23		0	0	12	7	3
MARSHALL	79.5	58.7	69.1		90	11	36	5	35	1	0	0	0	8.25		1.73	23		0	0	11	7	3
MOUNTAIN HOME	79.9	58.2	69.1	2.2	89	15	40	5	25	0	0	0	0	10.01	5.08	2.42	23		0	0	13	8	3
MOUNTAIN HOME C OF ENG AM	78.7	57.7	68.2		85	16	40	6	39	0	0	0	0	10.05		2.54	23		0	0	11	6	4
DIVISION																							
68.6 2.1 9.72 4.54 0																							
NORTHEAST DIVISION																							
BALO KNOB	81.2	60.0	70.6		89	17	42	6	29	0	0	0	0	9.51		1.84	23		0	0	11	9	3
BATESVILLE LIVESTOCK AM	81.0	56.8	68.9		90	16	38	5+	35	1	0	0	0	6.97		1.66	23		0	0	11	7	2
BATESVILLE L AND O NO 1	81.5	58.2	69.9		89	15	39	5+	34	0	0	0	0	6.88	1.95	1.98	23		0	0	9	6	2
BLYTHEVILLE	80.9	59.6	70.3	0.2	89	15	41	5	27	0	0	0	0	12.47	8.68	3.61	14		0	0	10	8	3
CORNING	80.7	59.1	69.9	1.2	90	15	40	5	30	1	0	0	0	8.39	3.46	2.87	23		0	0	8	3	3
JONESBORO	81.8	60.7	71.3	1.9	90	15	43	5	25	1	0	0	0	9.88	5.80	4.04	14		0	0	11	7	2
MARKED TREE	82.0	60.5	71.3	2.1	90	15+	43	5	25	2	0	0	0	8.99	4.65	1.90	11		0	0	10	7	5
NEWPORT	83.0	61.8	72.4	2.3	91	15	47	5	17	4	0	0	0	13.81	9.14	2.50	24		0	0	11	10	2
PARAGUOLO	80.6	58.5	69.6		88	15	41	5	33	0	0	0	0	9.01		3.09	13		0	0	9	8	2
POCAHONTAS 1	81.0	58.9	70.0	1.7	90	12	41	5	28	1	0	0	0	7.85	3.11	2.82	23		0	0	8	5	3
SEARCY	82.4	61.0	71.7	2.2	89	12+	43	6	25	0	0	0	0	11.76	6.65	4.27	24		0	0	11	9	4
WALNUT RIDGE CAA AP	79.6	60.2	69.9		89	15	42	5	32	0	0	0	0	6.59		1.58	13		0	0	10	5	3
WILSON	82.3	61.5	71.9		90	16	45	4	21	1	0	0	0	8.98					0	0			
DIVISION																							
70.6 1.5 9.31 4.76 0																							
WEST CENTRAL DIVISION																							
BOONEVILLE	82.8	60.6	71.7	2.2	90	20	42	6	17	1	0	0	0	9.43	4.08	1.87	23		0	0	12	7	3
CAMP CHAFFEE AM	81.0	60.4	70.7		88	16+	43	5	19	0	0	0	0	8.18		2.60	23		0	0	10	5	4
CLARKSVILLE	82.3	59.6	71.0		89	15+	42	6	18	0	0	0	0	8.44		2.21	28		0	0	14	6	3
OAROANELLE	81.4	61.9	71.7	1.1	88	16	45	5+	19	0	0	0	0	10.85	5.46	2.85	23		0	0	13	8	4
DEVILS KNOB 1 SE	75.5	57.0	66.3		83	15	37	5	37	0	0	0	0	11.96		2.52	23+		0	0	14	7	5
FORT SMITH WB AP	81.4	61.1	71.3	1.7	90	15+	44	5	16	3	0	0	0	12.09	7.03	3.58	22		0	0	11	7	5
FT SMITH WATER PLANT	80.3	57.7	69.0		86	14+	38	5	22	0	0	0	0	15.45		3.71	23		0	0	12	7	7
GRANNIS																							
MENA	80.6	59.8	70.2	1.4	86	17	43	5	21	0	0	0	0	8.83	2.46	2.09	23		0	0	13	7	3
MOUNT MAGAZINE	72.4	57.0	64.7		80	14	40	4	51	0	0	0	0	11.09		3.75	23		0	0	13	8	5
OZARK	81.7	61.0	71.4	2.4	87	12+	43	5	13	0	0	0	0	8.06	2.52	2.05	25		0	0	8	6	3
PARIS	82.5	59.5	71.0		90	22	40	5	19	1	0	0	0	9.04		2.07	13		0	0	13	6	4
RUSSELLVILLE	82.9	60.9	71.9		89	14	42	5+	19	0	0	0	0	11.34		2.60	23		0	0	11	7	4
SUBIACO	82.1	60.8	71.5	1.7	89	10+	43	5	17	0	0	0	0	10.09	4.96	2.85	23		0	0	15	7	2
TURNPIKE	74.6	58.1	66.4		83	15	40	5	38	0	0	0	0	9.99		1.76	13		0	0	14	8	4
WALORON	83.0	59.3	71.2		89	15+	40	5	18	0	0	0	0	10.06		2.63	23		0	0	12	7	3
WHITE ROCK	74.5	57.8	66.2		83	15	41	5	36	0	0	0	0	13.83		3.80	23		0	0	14	7	5
DIVISION																							
69.8 1.3 10.55 4.81 0																							
CENTRAL DIVISION																							
ALUM FORK	81.5	59.4	70.5		88	15	41	6	26	0	0	0	0	9.67		2.25	23		0	0	13	8	4
BENTON	81.9	58.6	70.3		88	15+	40	6	38	0	0	0	0	10.15		2.30	26		0	0	13	8	5
BLAKELY MOUNTAIN OAM AM	82.2	58.3	70.3		90	18	39	6	30	1	0	0	0	9.55		2.00	23		0	0	9	8	5
CONWAY	81.9	61.0	71.5	1.3	88	15+	41	5	23	0	0	0	0	10.68	4.95	2.82	23		0	0	11	8	5
HOT SPRINGS 1 NNE	83.1	61.9	72.5	1.4	90	17	42	5	15	1	0	0	0	11.92	5.89	2.41	22		0	0	12	8	6
LITTLE ROCK WB AP	82.0	62.8	72.4	2.6	91	17	46	5	22	3	0	0	0	11.58	6.73	4.54	23		0	0	12	7	4
MALVERN	83.6	61.5	72.6		90	15+	41	7	19	4	0	0	0	7.63		1.28	23		0	0	9	7	4
MORRILTON	81.6	61.4	71.5	2.1	88	15+	41	7	24	0	0	0	0	13.13	8.02	4.12							

CLIMATOLOGICAL DATA

ARKANSAS
MAY 1957

TABLE 2 - CONTINUED

Station	Temperature											Precipitation									
	Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest Date	Lowest Date	Degree Days	No. of Days				Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet			No. of Days		
								90° or Above	32° or Below	32° or Below	32° or Below					Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
EAST CENTRAL DIVISION																					
BRINKLEY	82.7M	59.4M	71.1M	1.0		40	5	29	0	0	0	0	6.56	1.88	1.95	24	+0	0	10	7	1
OES ARC	80.8	62.5	71.7		90	18	48	6	24	1	0	0	14.01		3.28	24	+0	0	12	9	5
HELENA	83.3	61.6	72.5	2.0	92	16	43	6	22	7	0	0	3.90	.22	1.43	19	+0	0	8	3	1
KEO	82.7	60.4	71.6		91	17	41	5	27	6	0	0	6.02		1.36	23	+0	0	8	5	3
MARIANNA 2 S	82.0	60.3M	71.2M	0.9	91	17	41	5	29	2	0	0	5.99	1.88	1.51	14	+0	0	12	5	1
SAINT CHARLES	82.3	62.6	72.5		91	17+	46	6	24	4	0	0	4.16		1.18	24	+0	0	8	4	1
STUTT GART	84.0	62.1	73.1	2.5	93	17	44	5	20	7	0	0	4.96	.11	1.95	14	+0	0	7	3	2
STUTT GART 9 ESE	80.3M	61.9M	71.1M		90	23	45	6	31	1	0	0	5.83		1.62	14	+0	0	8	6	1
WYNNE	80.6	59.6	70.1		89	17	38	7	38	0	0	0	10.23		2.32	22	+0	0	11	7	4
DIVISION			71.7	1.5									6.85	2.37			+0				
SOUTHWEST DIVISION																					
ASHOOWN	83.7	61.7	72.7		88	12+	43	6	15	0	0	0	7.82		1.91	13	+0	0	8	6	3
OE QUEEN	84.1	59.8	72.0		89	14+	41	6	16	0	0	0	10.84		2.77	23	+0	0	11	7	4
HOPE 3 NE	82.6	61.3	72.0	1.5	93	24	41	5	26	1	0	0	8.52	3.32	2.32	24	+0	0	12	5	4
MOUNT IOA	82.3M	57.9M	70.1M	2.6	89	17	37	6	33	0	0	0	11.11	5.19	2.45	23	+0	0	14	8	5
NARROWS OAM	82.9	58.2	70.6		92	12	38	6	28	1	0	0	9.50		1.62	26	+0	0	12	8	4
NASHVILLE PEACH SUBSTA	81.2	59.6	70.4		87	13+	43	5+	25	0	0	0	9.83		2.44	23	+0	0	10	6	4
OKAY	84.2	62.8	73.5	2.3	90	22	45	5+	15	1	0	0	7.00	1.53	1.47	23	+0	0	10	5	3
TEXARKANA WB AP	83.1	63.6	73.4	1.5	90	21	46	5	16	1	0	0	6.91	1.78	2.62	23	+0	0	7	4	3
DIVISION			71.6	1.8									9.23	3.31			+0				
SOUTH CENTRAL DIVISION																					
ARKAOLPHIA	83.0	61.7	72.4		90	16+	43	6	21	3	0	0	7.44	2.38	1.75	25	+0	0	11	5	5
CAMOEN 1	83.2	62.6	72.9	1.4	91	22+	46	5+	19	4	0	0	5.89	1.40	1.68	25	+0	0	10	4	3
EL OORAOO CAA AP	83.3	61.9	72.6	0.5	92	15	43	5+	26	5	0	0	4.47	.31	1.10	31	+0	0	10	3	1
FOROYCE 6 W	83.3	62.0	72.7		90	17+	42	5	23	3	0	0	5.13		1.34	24	+0	0	6	5	2
MAGNOLIA 3 N	83.2	61.1	72.2	0.1	91	22	40	6	24	2	0	0	6.42	1.60	2.01	26	+0	0	8	6	2
PRESCOTT	82.9	60.8	71.9	0.1	90	16+	43	6+	27	3	0	0	7.44	2.25	1.55	24	+0	0	11	6	2
WARREN	83.8	62.1	73.0	0.9	91	15+	43	5+	17	6	0	0	3.39		.87	24	+0	0	9	2	0
DIVISION			72.5	1.3									5.74	.70			+0				
SOUTHEAST DIVISION																					
CROSSETT 7 S	83.8	60.5	72.2	1.2	92	22	40	6	24	2	0	0	6.85	2.62	3.32	24	+0	0	11	3	1
CUMMINS FARM	82.7	59.6	71.2		92	22	42	3+	28	6	0	0	4.86		2.58	24	+0	0	7	3	1
OUMAS 1	83.8	61.9	72.9	1.1	93	22	43	6	27	9	0	0	4.84	.52	1.37	24	+0	0	7	4	1
MONTICELLO 3 S	82.6	59.6	71.1		91	31	38	5+	32	2	0	0	6.48		2.63	24	+0	0	9	4	2
PINE BLUFF	84.1	63.4	73.8	2.1	92	17+	45	6	17	7	0	0	5.49	.54	1.86	24	+0	0	7	4	1
PINE BLUFF CAA AP	82.6	62.3	72.5		91	17+	46	6	25	3	0	0	5.11		2.22	23	+0	0	6	4	1
PORTLAND	81.7	61.5	71.6	0.1	90	23	47	5+	23	1	0	0	4.00	.19	1.20	24	+0	0	10	3	1
DIVISION			72.2	0.9									5.38	.84			+0				

Ø DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION MEANS.

DAILY TEMPERATURES

ARKANSAS
MAY 1957

Table 5 - Continued

Station	Day Of Month																															Average		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
HOT SPRINGS 1 NNE	MAX MIN	79 63	82 65	81 63	75 48	73 42	77 45	78 50	79 58	82 65	85 67	87 66	87 65	84 62	85 64	89 66	87 69	90 69	83 64	82 60	87 61	88 74	87 65	84 64	78 63	81 65	82 64	83 58	83 63	84 62	86 64	88 66	83.1 61.9	
JONESBORO	MAX MIN	80 64	79 63	76 59	66 45	67 43	75 44	80 48	81 52	82 61	85 64	86 65	89 69	84 64	84 64	90 67	86 64	89 66	86 66	76 62	84 56	86 69	86 65	83 63	79 65	80 65	80 68	80 75	76 65	82 55	87 60	89 68	81.8 60.7	
KEO	MAX MIN	79 64	80 62	74 63	70 48	65 41	73 44	78 46	80 52	82 61	85 65	88 63	89 65	83 64	86 63	89 66	90 63	91 68	87 66	87 63	89 59	85 67	76 63	83 65	88 65	87 66	80 68	78 65	80 65	83 61	85 60	90 60	82.7 60.4	
LEAD HILL	MAX MIN	83 58	76 61	78 66	66 45	70 34	75 38	78 45	78 46	81 53	86 65	81 46	85 60	81 63	73 65	85 66	89 56	80 60	87 63	83 56	76 60	83 59	85 64	88 62	78 59	83 62	80 64	80 64	80 59	79 49	87 58	87 60	87 63	80.2 56.7
LITTLE ROCK WB AP	MAX MIN	78 66	79 66	75 59	65 45	67 46	73 47	76 50	79 57	80 65	85 65	86 68	88 67	79 64	86 65	90 65	88 68	91 69	88 64	86 61	86 68	89 67	83 64	81 66	86 66	80 66	81 66	81 66	83 66	85 66	89 69	82.0 62.8		
MAGNOLIA 3 N	MAX MIN	80 64	79 62	76 62	73 52	66 42	72 40	78 48	80 56	81 64	86 65	87 64	89 64	83 65	86 65	88 65	88 67	89 64	89 65	87 60	87 58	90 69	91 66	88 74	88 65	87 63	86 64	83 57	82 64	87 57	86 63	83.2 61.1		
MALVERN	MAX MIN	82 65	79 65	78 63	75 56	68 41	76 41	79 45	80 52	81 64	86 67	88 62	88 64	87 65	86 64	90 63	90 69	86 67	81 66	87 63	89 66	89 74	80 66	86 65	82 63	81 63	84 66	81 66	82 66	87 65	89 72	83.6 61.5		
MAMMOTH SPRING	MAX MIN	83 60	78 60	76 59	66 41	69 38	75 38	79 38	79 50	79 55	84 57	87 60	88 64	80 64	84 54	90 60	78 63	86 58	78 63	79 58	84 69	84 69	81 62	81 60	81 61	83 63	79 63	81 46	79 55	81 56	84 64	84 65	79.7 56.3	
MARIANNA 2 S	MAX MIN	82 65	79 64	74 63	71 47	67 41	73 42	77 45	80 54	82 63	81 62	85 66	88 68	85 63	80 63	88 64	89 66	91 66	86 64	87 57	83 69	87 69	80 66	88 64	83 64	86 64	80 64	81 55	80 64	85 58	89 63	82.0 60.3		
MARKEO TREE	MAX MIN	82 65	80 66	74 60	67 45	68 43	75 45	80 45	80 52	82 60	84 63	87 66	85 66	83 66	90 64	85 67	90 66	88 66	88 66	82 65	84 66	88 65	86 65	87 65	80 65	87 65	80 65	77 64	77 64	80 65	88 65	82.0 60.5		
MARSHALL	MAX MIN	79 58	78 63	74 58	65 45	67 36	71 39	75 58	77 59	84 60	85 65	90 65	85 65	79 62	84 63	88 59	80 64	87 61	81 61	84 55	80 70	81 63	84 60	80 63	78 63	78 60	78 63	81 65	80 51	85 68	87 64	79.5 58.7		
MENA	MAX MIN	77 62	81 63	77 62	73 50	67 43	75 45	77 46	78 53	83 63	84 65	84 65	85 63	80 61	85 61	88 60	86 63	86 63	82 65	84 58	85 73	85 65	80 63	80 63	80 63	85 63	80 63	75 64	78 64	83 65	83 62	80.6 59.8		
MONTICELLO 3 S	MAX MIN	81 64	76 62	75 60	69 48	65 38	75 38	78 42	80 55	89 66	85 65	85 67	88 67	84 63	82 62	89 62	88 67	88 62	86 57	83 62	89 68	90 68	86 74	87 63	86 61	86 61	82 62	86 61	80 51	83 51	84 51	81 55	82.6 59.6	
MORRILTON	MAX MIN	80 63	80 65	78 64	71 48	70 45	73 44	77 41	77 52	80 62	85 67	82 64	87 66	80 65	88 60	88 60	88 67	88 72	83 65	85 63	86 70	85 63	86 63	85 64	87 64	80 66	81 66	81 66	86 65	86 65	86 65	81.6 61.4		
MOUNT IDA	MAX MIN	79 61	80 63	78 61	66 50	69 38	75 37	76 48	78 48	82 60	85 64	83 62	86 62	80 62	86 59	88 68	87 63	89 68	87 63	84 59	85 68	87 68	80 65	85 63	80 63	80 63	82 63	80 63	85 63	84 59	86 59	86 60	82.3 57.9	
MOUNT MAGAZINE	MAX MIN	65 58	75 58	72 58	62 44	65 44	66 44	65 44	65 44	65 44	65 44	65 44	65 44	65 44	65 44	65 44	65 44	65 44	65 44	65 44	65 44	65 44	65 44	65 44	65 44	65 44	65 44	65 44	65 44	65 44	65 44	65 44	72.4 57.0	
MOUNTAIN HOME	MAX MIN	81 60	76 61	77 61	74 60	69 44	75 44	78 48	76 52	79 61	85 63	85 63	86 63	80 58	85 58	89 63	81 62	85 68	81 68	81 68	81 68	85 68	82 68	82 68	85 68	82 68	79 63	79 63	76 56	81 59	80 59	81 65	85 65	79.9 58.2
MOUNTAIN HOME C OF ENG	MAX MIN	83 63	80 62	78 62	76 44	64 41	69 40	75 43	77 48	77 58	81 64	83 63	86 63	86 58	86 55	86 63	89 60	85 63	81 63	82 57	85 60	87 63	85 63	83 63	83 63	85 63	79 63	79 63	78 63	80 63	80 63	81 63	81.6 57.7	
NARROWS OAM	MAX MIN	87 63	80 64	82 61	81 52	70 41	70 38	75 43	77 49	78 56	83 60	83 60	92 64	88 63	87 58	86 63	88 65	87 62	87 65	85 66	85 66	86 65	85 62	86 65	87 62	81 62	84 64	84 64	87 62	84 56	85 58	84 65	82.9 58.2	
NASHVILLE PEACH SUBSTA	MAX MIN	83 63	78 62	82 62	80 51	69 43	70 43	73 47	75 49	78 58	82 61	82 63	86 66	87 62	86 62	85 63	85 66	84 66	85 66	82 66	84 66	85 66	82 66	84 66	84 66	87 66	84 66	84 66	82 66	83 66	83 66	85 66	81.2 59.6	
NEWPORT	MAX MIN	80 64	81 65	78 65	68 48	69 47	75 48	80 50	83 54	83 64	87 65	90 66	85 66	82 65	91 67	88 67	89 66	85 66	86 66	85 66	89 66	89 69	85 69	88 69	82 65	85 65	82 65	89 65	80 61	82 61	82 60	89 68	83.0 61.8	
NIMROO OAM	MAX MIN	85 62	78 63	85 62	80 47	70 41	70 46	76 49	79 58	79 59	82 61	87 63	87 63	88 64	87 57	87 60	90 68	87 68	89 68	85 68	85 68	87 68	87 68	82 68	82 68	82 68	81 68	81 68	84 68	85 68	86 68	81 60	82.3 58.8	
OKAY	MAX MIN	85 64	81 63	80 64	75 52	70 45	70 45	77 49	81 56	85 65	88 67	88 70	88 67	85 67	88 67	88 67	88 69	88 69	85 69	83 69	87 69	87 74	83 66	87 66	80 66	87 66	87 66	85 66	85 66	87 66	86 66	86 66	84.2 62.8	
OZARK	MAX MIN	78 62	82 65	82 64	76 52	72 43	79 45	78 48	78 58	82 65	86 65	84 65	87 66	82 58	86 58	87 63	84 66	84 66	82 66	80 66	85 66	87 66	87 66	80 66	85 66	87 66	80 66	75 66	83 66	81 66	84 66	87 66	81.7 61.0	
PARAGOULO	MAX MIN	82 62	81 64	74 64	66 44	67 41	74 42	77 44	80 58	82 62	84 61	85 64	88 63	84 59	82 63	88 63	85 62	86 61	81 61	80 61	84 61	81 61	82 61	82 61	80 61	82 61	84 61	84 61	84 61	82 61	80 61	86 61	86 61	80.6 58.5
PARIS	MAX MIN	79 61	82 64	80 63	75 57	70 40	73 43	80 49	80 59	85 64	88 61	88 64	87 63	83 56	89 63	86 65	85 65	82 65	88 60	87 55	87 60	89 65	80 63	83 63	80 63	79 63	82 63	84 63	83 63	83 63	83 63	87 63	82.5 59.5	
PERRYVILLE	MAX MIN	81 64	81 63	78 63	73 41	74 46	75 47	79 43	79 49	81 58	87 66	86 62	88 64	80 64	88 59	91 66	88 68	89 65	84 65	79 65	87 73	89 63	89 63	84 63	81 63	84 63	84 63	84 63	81 63	84 63	89 63	88 63	83.4 60.0	
PINE BLUFF	MAX MIN	79 65	80 65	75 65	68 51	67 46	76 45	81 49	82 56	85 66	87 67	89 65	90 68	84 66	87 65	91 65	91 71	92 71	88 70	89 66	88 74	89 66	88 66	83 66	83 66	81 66	81 66	81 66	84 66	81 66	82 66	84.1 63.4		
PINE BLUFF CAA AP	MAX MIN	79 62	80 65	74 59	62 45	65 47	73 47	78 47	80 54	81 65	85 67	86 68	88 65	82 65	86 64	89 65	91 69	88 69	88 69	86 73	86 73	89 69	87 69	81 69	85 69	87 69	80 69	83 69	79 69	82 69	86 69	91 69	82.6 62.3	
POCAHONTAS 1	MAX MIN	83 63	80 64	79 63	69 43	74 41	79 44	78 44	75 64	85 64	84 63	89 62	80 63	84 63	83 67	83 61	89 63	83 63	85 63	74 63	84 68	81 68	81 68	81 68	81 68	81 68	84 68	79 68	76 68	80 68	86 68	81.0 58.9		
PORTLAND	MAX MIN	85 64	81 63	78 63	76 52	65 47	65 47	75 48	78 48	81 60	79 63	83 67	84 64	86 64	87 64	87 64	88 68	87 68	87 68	80 68	85 68	87 68	87 68	80 68	85 68	87 68	80 68	80 68	81 68	83 68	86 68	86 68	81.7 61.5	
PRESCOTT	MAX MIN	82 64	80 64	81 63	76 51	66 44	68 43	75 43	79 49	80 61</																								

DAILY TEMPERATURES

ARKANSAS
MAY 1957

Table 5 - Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
STUTT GART 9 ESE	MAX	83	77	77	72	62	65	72	76	79	80	83	85	87	83	81	87	87	88	85	74		87	90	85	81	86	76	80	77	80	84	
	MIN	65	64	65	49	47	45	48	54	59	65	65	67	71	64	65	68	67	67	67	59		70		65	69	66	59	61	59	61	63	
SUBIACO	MAX	77	82	81	72	71	75	80	78	84	89	80	87	78	87	89	85	85	84	78	87	89	89	82	73	79	82	83	85	85	82	86	
	MIN	62	66	67	49	43	45	49	55	64	64	64	64	62	58	57	68	63	64	59	58	76	64	64	63	63	63	58	64	63	62	64	
TEXARKANA WB AP	MAX	79	80	79	68	70	74	77	80	84	84	87	87	81	88	88	88	87	86	81	87	90	89	81	88	86	82	84	82	85	86	86	
	MIN	64	62	64	52	46	48	52	61	65	66	67	69	64	64	67	70	68	67	59	65	74	76	63	63	63	68	65	62	67	61	65	68
TURNPIKE	MAX	73	73	74	65	62	71	70	70	73	79	75	80	77	80	83	78	81		76	78	78	73	75	70	71	73	75	77	72	76	80	
	MIN	59	59	57	41	40	47	56	56	60	61	60	60	58	58	63	65	59		51	59	68	62	58	59	60	64	58	61	59	61	63	
WALDRON	MAX	80	82	79	77	69	77	80	81	85	87	84	88	85	88	89	88	85	83	78	89	88	88	83	75	79	80	85	84	85	85	87	
	MIN	64	63	63	52	40	41	45	50	62	64	63	63	62	57	55	66	63	63	59	55	75	65	63	60	63	65	54	63	60	59	62	
WALNUT RIDGE CAA AP	MAX	81	80	72	62	68	73	77	78	79	82	84	87	77	82	89	79	87	81	70	81	86	86	81	79	84	77	79	77	80	84	87	
	MIN	63	66	53	45	42	44	48	52	62	62	59	64	64	63	66	64	67	67	58	55	70	64	64	64	71	62	56	59	63	60	69	
WARREN	MAX	82	77	78	73	67	76	79	81	80	87	89	88	85	85	91	90	91	89	83	87	90	91	87	85	85	78	84	80	83	87	91	
	MIN	65	63	65	55	43	43	48	57	66	65	63	68	65	64	62	68	68	70	65	58	73	76	66	65	65	65	56	65	54	61	61	
WHITE ROCK	MAX	73	70	76	70	64	70	72	73	76	80	76	74	74	80	83	78	76	75	73	80	79	74	73	67	68	74	68	77	70	77	74	
	MIN	61	59	58	43	41	50	51	55	59	61	58	59	57	57	63	66	60	61	49	59	67	62	59	60	59	58	60	60	60	57	63	
WILSON	MAX	83	80	75	72	68	74	77	83	84	84	84	88	86	83	89	90	89	88	77	82	83	86	85	83	82	83	79	77	81	87	89	
	MIN	63	66	63	45	46	46	48	59	61	66	63	66	67	66	68	68	68	66	65	57	69	67	63	63	63	67	57	57	59	60	65	
WYNNE	MAX	79	79	72	61	65	72	82	79	80	82	85	87	83	81	88	87	89	86	72	83	86	88	84	80	86	77	76	77	80	85	87	
	MIN	61	60	64	44	40	40	38	53	65	65	65	66	67	64	65	65	67	66	61	58	68	60	62	65	68	64	53	53	56	54	68	

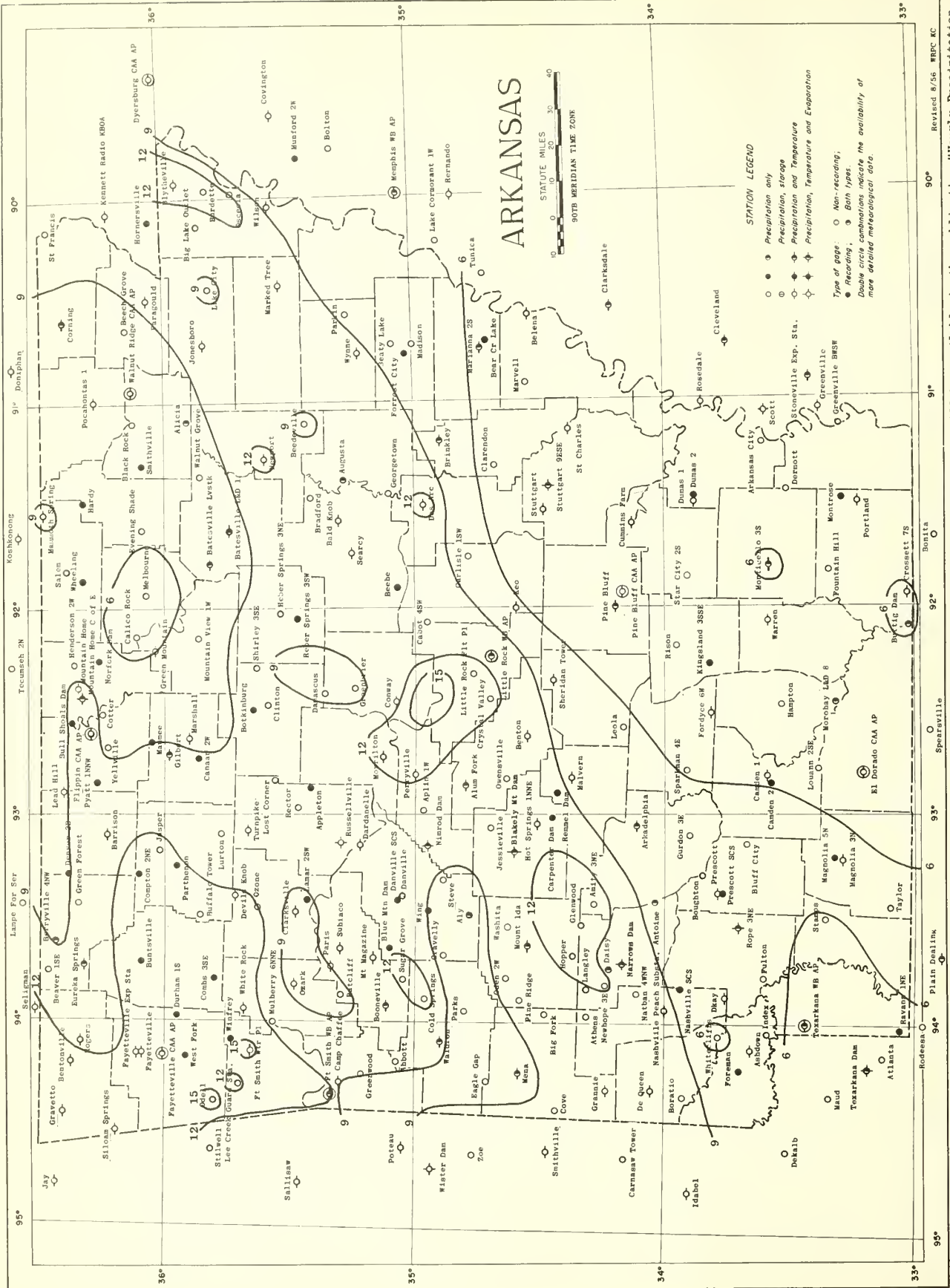
EVAPORATION AND WIND

Table 6

Station		Day of month																															Total or Avg
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BLAKELY MOUNTAIN DAM	EVAP	.24	.09	.13	.24	.22	.22	.17	.18	.12	.09	.20	.10	-	.02	.20	.20	.16	.25	.15	.16	.24	.20	.25	.22	.09	.11	.12	.19	.21	.20	.19	
	WIND	43	29	23	58	46	30	16	19	19	27	19	21	26	18	19	12	20	21	48	24	53	39	57	21	22	30	21	11	4	15	15	
HOPE 3 NE	EVAP	.19	.11	.15	.22	.28	.22	.19	.20	.19	.18	.16	.18	.17	.06	.22	.19	.22	*	.40	.21	.04	.35	.28	-	-	*	-	.20	.25	.21	*	
	WIND	52	36	39	92	86	36	16	12	17	19	9	13	19	17	5	0	10	-	-	19	30	49	25	16	*	41	15	*	68	8188		
MOUNTAIN HOME C OF ENG	EVAP	.26	.14	.11	.35	.22	.20	.20	.24	.15	.15	.22	.13	.28	.16	.25	.23	.21	.19	.31	.14	.24	-	-	.14	.08	.15	.22	.19	.18	.12	.17	
	WIND	46	42	42	94	62	33	14	32	36	57	47	21	45	30	44	15	49	35	44	30	74	54	54	46	45	49	37	18	16	13	14	
NARROWS OAM	EVAP	-	.06	.17	.24	.21	.23	.19	.18	.14	.16	.16	.11	.20	.08	.23	.21	.24	.24	.18	.22	.28	.15	.25	.16	.17	-	.24	.18	.22	.22	.26	
	WIND	48	35	32	41	38	41	26	26	27	43	20	34	42	33	21	24	38	27	35	18	76	58	78	20	27	38	15	18	19	14		
NIMROD DAM	EVAP	.14	.05	.22	.20	.21	.21	.22	.22	.09	.13	.06	.18	-	-	.20	.23	.19	.24	.19	.19	.17	.29	.35	-	.17	.11	.22	.23	.22	.21	.18	
	WIND	2	4	8	12	19	20	77	25	23	45	20	10	25	30	25	20	37	9	50	28	62	48	54	4	22	33	24	9	7	8	7	
STUTT GART 9 ESE	EVAP	.17	.05	.08	.27	.18	.15	.17	.17	.19	.06	.12	.18	.17	*	.08	.18	.17	.21	.16	.12	*	.42	.28	.22	.13	.19	.08	.21	.15	.18	.22	
	WIND	14	3	5	66	73	15	2	7	22	23	2	5	36	55	34	4	12	4	6	15	*	171	40	105	32	63	-	-	-	-	-	

TOTAL PRECIPITATION

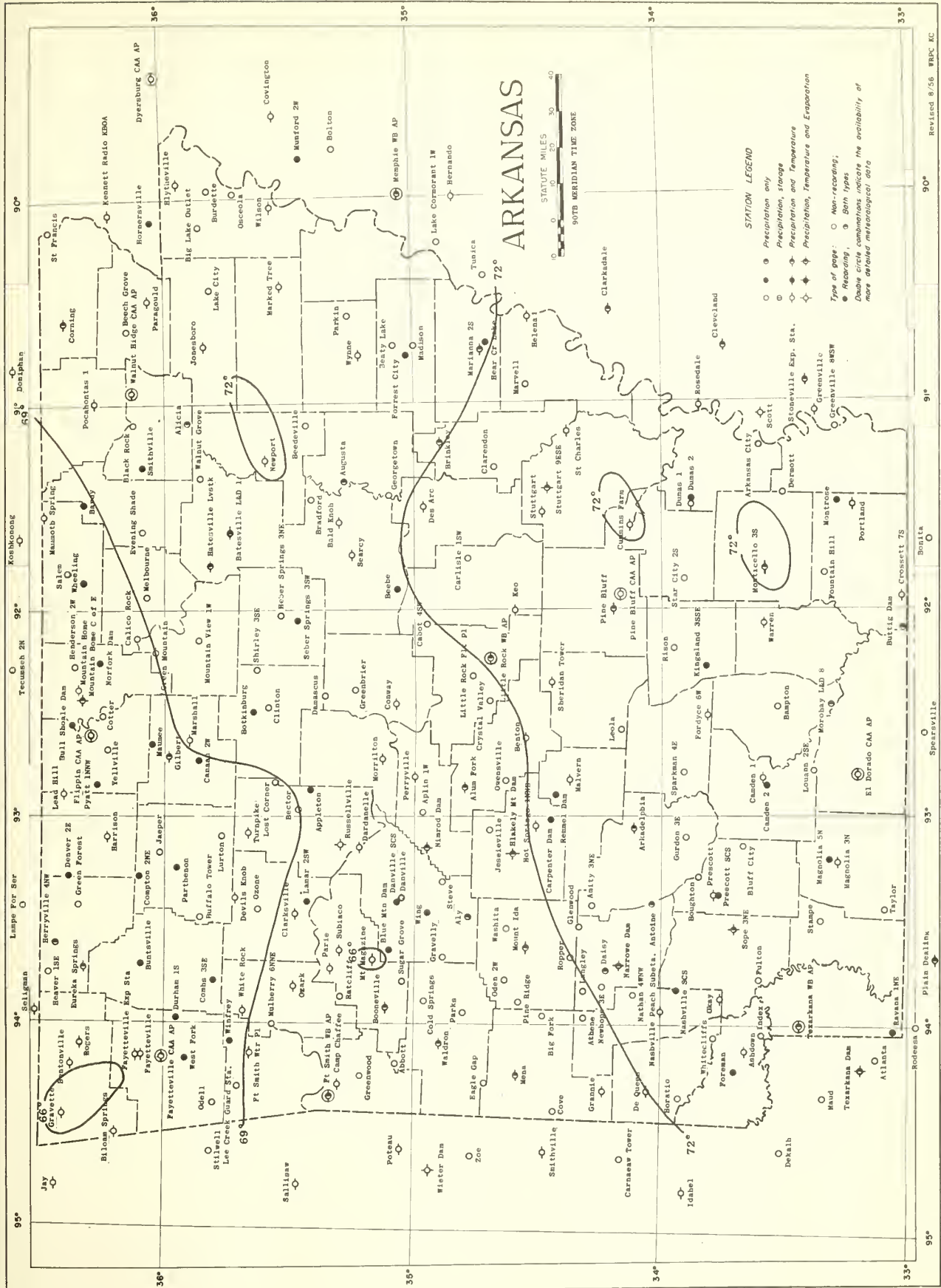
MAY 1957



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

MAY 1957



Isotherms are drawn through points of approximately equal values.

Revised 8/56 FWS KC

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground. Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

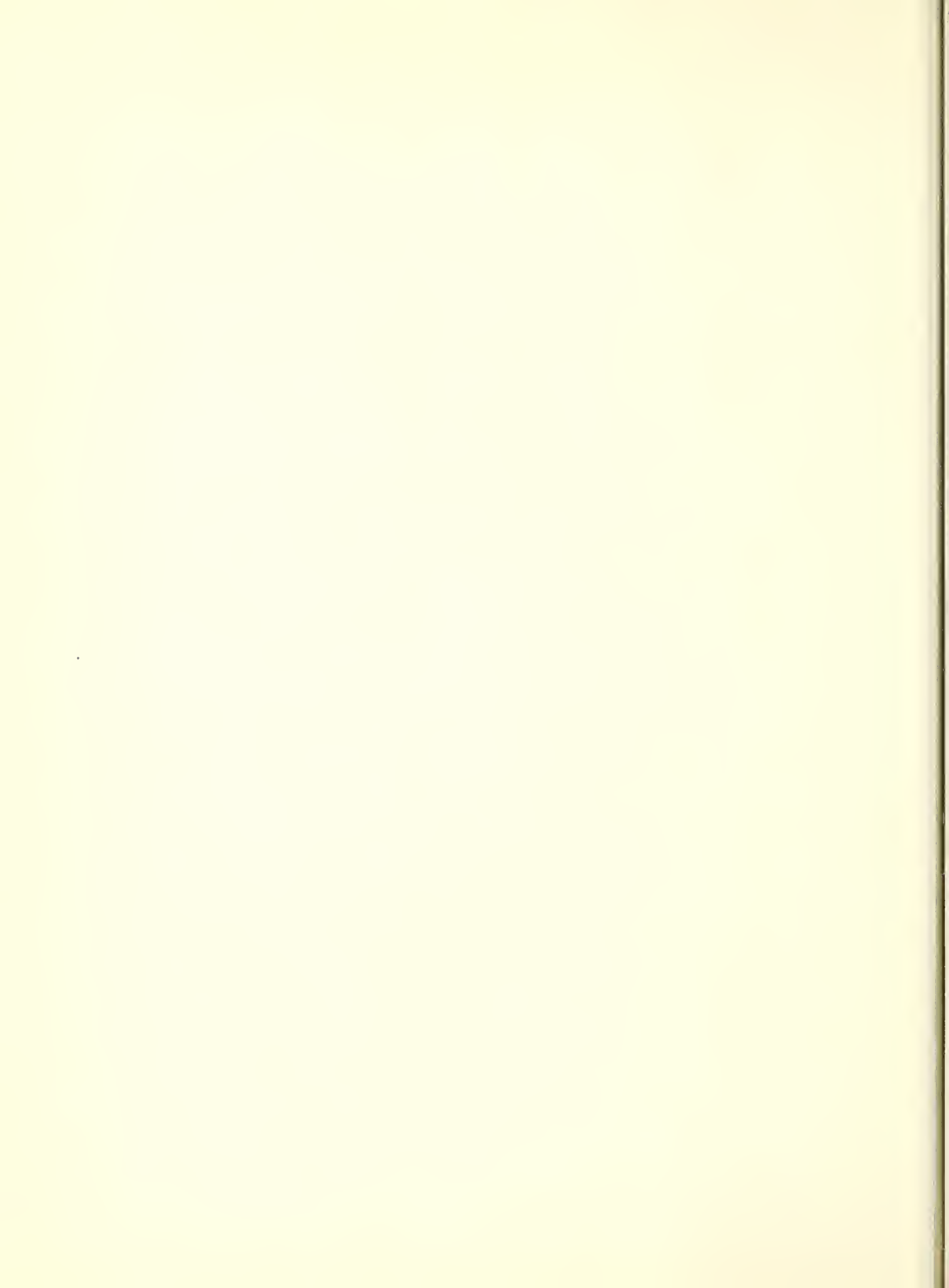
- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

NWRC, Asheville, N. C. -- 6-25-57 -- 1500





38 175
U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

AGRICULTURAL REFERENCE DEPARTMENT
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AUG 16 1957

CLIMATOLOGICAL DATA

ARKANSAS

JUNE 1957
Volume LXII No. 6



WEATHER SUMMARY

Temperatures averaged slightly below seasonal. The frequent showers and wet fields delayed farm operations during the first week but field work moved ahead during the latter part of June. Small grains, pastures, and weeds made rank growth.

Temperatures remained close to seasonal during the entire month. In general, they averaged slightly below seasonal during the first and fourth weeks and slightly above seasonal in the second and third weeks. Many stations registered their highest temperatures for the month during the warm period from the 16th to 19th, or during the last few days. Monthly maximums were in the 90's at all but a few stations. The highest temperature for the State, 98°, occurred at Ashdown on the 30th. Most stations registered their lowest temperatures for the month on the 24th or 25th. Monthly minimums were mostly in the 50's. The lowest temperature for the State, 49°, occurred at Gravette on the 24th. Monthly mean temperatures ranged from 70.3° at Mt. Magazine to 79.9° at Pine Bluff and Stuttgart. Monthly mean temperatures were slightly below the long-term means at all but a few stations. Temperature departures ranged from -3.0° at Gravette to +0.7° at Stuttgart.

General showers fell over much of Arkansas on the first five days of June. Numerous northern stations received generous showers on the 9th and 10th. Scattered thunder-showers dropped substantial amounts at scattered stations on the 22d and 23d. Hurricane Audrey produced light to locally moderate rains on the 27th and 28th. Some northeastern stations received an inch or more of rain on the 30th. Monthly rainfall totals ranged from 1.86 inches at Augusta to 13.54 inches at Nashville Peach Substation. Rainfall was very unevenly distributed over the State. Most counties received more than three inches. A number of north central stations and a few scattered stations received less than three inches. Several counties in each corner of the State received more than six inches of rain during June. A few scattered stations received more than nine inches. Precipitation at most stations exceeded the

long-term means. In general, the largest monthly rainfall totals and the largest precipitation departures from the long-term means were in the northwestern and southwestern counties.

Frequent showers hampered field work during the early part of June but a substantial amount of planting, cultivating, and harvesting was accomplished after the first week. The weather and moisture conditions were generally favorable for crop growth. The cotton crop, though late, made satisfactory progress. Some fields were chopped and cultivated. Some fields were grassy. Early cotton was putting on squares and blooms. Late plantings were coming up to good stands. Corn looked promising except on some lowlands. Sorghum planting continued. The early planted fields showed good prospects. The second crop of alfalfa was cut. The small grain harvest was about complete. Yields were small. Vegetables moved in volume in southern Arkansas and sizable quantities were being harvested in other areas.

STORMS

Most of the storm damage during June was caused by hail. On June 4, hailstones as large as baseballs destroyed 600 acres of cotton four miles east of Rector. The strong winds damaged or destroyed several buildings. On the 14th, hailstones up to 11 inches in circumference caused extensive damage to windows, roofs, automobiles, and trees in Benton County. Rain, going through the punctured roofs, caused considerable damage. Hail damaged crops and wind damaged buildings during a thunderstorm 10 miles southwest of Piggott, Clay County, at about noon on the 17th. Winds associated with Hurricane Audrey caused minor roof damage in El Dorado, Union County, on the afternoon of June 27.

Lucius W. Dye
Climatologist
Weather Records Processing Center
Kansas City, Missouri

CLIMATOLOGICAL DATA

ARKANSAS
JUNE 1957

TABLE 2 - CONTINUED

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max Depth on Ground	Date	.10 or More	.50 or More	
										90° or Above	80° or Above	70° or Above	60° or Above										32° or Below
EAST CENTRAL DIVISION																							
BRINKLEY	89.1M	66.4M	77.8M	- 0.9	94	17+	55	25	0	0	0	0	0	2.84	- .52	1.50	3	.0	0		7	1	1
DES ARC	88.5	69.3	78.9		95	18	61	25	0	14	0	0	0	4.52		1.80	5	.0	0		8	3	1
HELENA	88.4	69.6	79.0	0.2	96	17	60	25	0	13	0	0	0	5.17	2.17	1.58	3	.0	0		10	3	1
KEO	88.0	67.7	77.9		93	21+	56	25	0	12	0	0	0	3.20		1.50	4	.0	0		7	1	1
MARIANNA 2 S	88.7	68.1	78.4	- 0.4	96	17	58	25	0	12	0	0	0	3.07	.08	.98	28	.0	0		7	2	0
SAINTE CHARLES	88.2	70.1	79.2		95	18	63	25	0	14	0	0	0	5.23		1.77	5	.0	0		10	3	1
STUTT GART	89.5	70.2	79.9	0.7	96	17	63	25	0	19	0	0	0	5.85	2.47	1.82	23	.0	0		7	3	3
STUTT GART 9 ESE	86.7	69.6	78.2		93	19	63	25+	0	8	0	0	0	6.90		2.68	23	.0	0		8	4	3
WYNNIE	87.0	68.0	77.5		95	17	57	25	0	10	0	0	0	5.56		1.02	5	.0	0		11	5	1
DIVISION			78.5	- 0.2										4.70	1.47			.0					
SOUTHWEST DIVISION																							
ASHDOWN	88.7	68.4	78.6		98	30	60	25	0	16	0	0	0	10.83		2.59	4	.0	0		7	5	5
DE QUEEN	89.7	66.4	78.1		96	28	57	25	0	19	0	0	0	4.49		1.90	3	.0	0		7	3	2
HOPE 3 NE	87.0	68.4	77.7	- 1.4	93	18+	60	25	0	12	0	0	0	4.24	.97	1.72	23	.0	0		7	3	1
MOUNT IDA	86.8	65.8	76.3	- 0.2	92	17+	54	25	0	8	0	0	0	4.70	1.22	1.48	10	.0	0		7	3	2
NARROWS DAM	88.7	65.2	77.0		96	21	56	25	0	17	0	0	0	6.55		1.43	24	.0	0		11	5	3
NASHVILLE PEACH SUBSTA	86.5	67.0	76.8		92	29	61	25+	0	7	0	0	0	13.54		2.75	24	.0	0		10	7	6
OKAY	89.0	69.6	79.3	0.0	94	28+	62	25	0	17	0	0	0	11.40	8.24	4.08	3	.0	0		8	5	5
TEXARKANA WB AP	87.8	70.0	78.9	- 1.0	94	28	64	4+	0	13	0	0	0	6.84	2.99	1.44	2	.0	0		9	6	3
DIVISION			77.8	- 0.4										7.82	4.56			.0					
SOUTH CENTRAL DIVISION																							
ARKAOLPHIA	86.7	68.4	77.6		91	16+	60	24	0	9	0	0	0	7.87	4.33	1.95	23	.0	0		10	5	3
CAMDEN 1	88.3	68.4	78.4	- 1.2	95	29	62	25	0	14	0	0	0	6.74	3.81	3.37	3	.0	0		8	4	1
EL OORADO CAA AP	87.9	69.3	78.6	- 1.7	94	9	60	25	0	15	0	0	0	3.65	.85	1.68	23	.0	0		8	2	1
FOROYCE 6 W	88.3	68.6	78.5		93	17+	60	25	0	16	0	0	0	3.96		1.04	23	.0	0		8	3	1
MAGNOLIA 3 N	87.8	68.4	78.1	- 1.9	93	11	59	25	0	13	0	0	0	5.21	2.27	1.13	10	.0	0		8	5	2
PRESCOTT	88.5	68.3	78.4	- 1.8	94	18+	60	25	0	16	0	0	0	6.21	2.91	1.66	2	.0	0		11	6	1
WARREN	89.2	69.2	79.2	- 1.0	95	18	61	26	0	16	0	0	0	6.49		1.42	18	.0	0		10	5	2
DIVISION			78.4	- 1.1										5.73	2.55			.0					
SOUTHEAST DIVISION																							
CROSSETT 7 S	88.3	68.5	78.4	- 0.5	93	16+	58	25	0	15	0	0	0	7.72	4.49	1.30	28	.0	0		13	6	4
CUMMINS FARM	88.7	66.8	77.8		94	16+	59	25+	0	14	0	0	0	3.01		1.18	8	.0	0		7	2	1
DUMAS 1	89.4	69.9	79.7	- 0.7	95	17+	60	25	0	17	0	0	0	5.63	2.47	1.10	22	.0	0		13	4	1
MONTICELLO 3 S	87.5	67.2	77.4		92	18	57	25+	0	13	0	0	0	9.44		1.57	8	.0	0		11	9	5
PINE BLUFF	89.2	70.5	79.9	- 0.2	95	17	61	25	0	17	0	0	0	4.54	1.53	1.59	10	.0	0		8	3	1
PINE BLUFF CAA AP	88.7	69.3	79.0		95	18	62	25+	0	15	0	0	0	3.97		.77	22	.0	0		10	2	0
PORTLANO	86.6	68.5	77.6	- 1.8	97	17	61	5	0	8	0	0	0	6.25	3.18	1.68	28	.0	0		9	5	2
DIVISION			78.5	- 1.1										5.79	2.66			.0					

MONTHLY AND SEASONAL SNOWFALL

Season of 1956-1957

ARKANSAS

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
ABBOTT													+0
ALICIA					T		T	T		T			T
ALUM FORK													+0
ALY													+0
AMITY 3 NE						T	T			T			T
ANTOINE													+0
APLIN 1 W													+0
ARKADELPHIA													+0
ARKANSAS CITY										T			T
ASHDDWN													+0
ATHENS							T						-
AUGUSTA							T				-	-	-
BALO KNDB													T
BATESVILLE LIVESTOCK							+5		T	+5			+0
BATESVILLE L ANO 0 ND 1					T		T		T	T			1+0
BEATY LAKE													T
BEAVER 1 SE					T		T	T	T	T			T
BEECH GROVE							+4		T	-			-
BEEDEVILLE							T	T	T	T			T
BENTON							T		T	T			+3
BENTONVILLE													-
BERRYVILLE 4 NW					-				T	1+5			1+5
BIG FDRK									T	2+5			-
BIG LAKE DUTLET					T		+5	T	+1	T			+0
BLACK ROCK					T		+2		T	-			+6
BLAKELY MOUNTAIN DAM													-
BLUFF CITY 3 SW													+0
BLITHEVILLE								T		T			T
BOONEVILLE									T	T			T
BOUGHTON									T	T			+0
BRADFDRD									T	T			T
BRINKLEY									T				T
BUFFALO TDWER					T	T	T		+5	1+0			1+5
BURDETTE													+0
CABDT 4 SW							T		T	T			T
CALICO RDCK					T		T		T	-			-
CAMDEN 1													+0
CAMP CHAFFEE							T		T	T			T
CARLISLE 1 SW													+0
CLARENDON							T			T			T
CLARKSVILLE							T			T			T
CLINTON													-
COLD SPRINGS GUARO STA			-						T	T			+0
CDNWAY							T		T	T			T
CDRNING													+0
COTTER	-	-	-	-	-	-	-	-	-	-	-	-	-
COVE													+0
CROSSETT 7 S							T						T
CRYSTAL VALLEY									T	-			-
CUMMINS FARM													+0
DAISY													+0
DAMASCUS					T				T	T			T
DANVILLE													+0
DARDANELLE													+0
DE DUEEN													+0
DERMOTT													+0
DES ARC													+0
DEVILS KNDB 1 SE							1+0		+2	+5			1+7
OWAS 1							T		T				T
EL DDRADD CAA AP					T		T						T
EUREKA SPRINGS					T	T	T		T	3+0			3+0
EVENING SHADE							T						T
FAYETTEVILLE					T	T	T		+1	2+1			2+2
FAYETTEVILLE CAA AP							T		T	1+0			1+0
FAYETTEVILLE EXP STA					T	T	+2		T	1+3			1+5
FLIPPIN CAA AP							2+5		T	3+0			5+5
FDRDYCE 6 W							-						-
FDRT SMITH WB AP							T		T	T			T
FT SMITH WATER PLANT													T
FDUNTAIN HILL	-	-	-	-	-	-	-	-	-	-	-	-	-
FULTON													+0
GEORGETDWN													+0
GILBERT					T		T		T	1+0			1+0
GLENWDD													+0
GRANNIS													-
GRAVELLY 2 ESE									T				T
GRAVETTE					T		+2		T	4+0			4+2
GREEN FDRST						-	-	-	-	2+5			-
GREEN HDUNTAIN													-
GREENBRIER	-	-	-	-	-	-	-	-	-	-	-	-	-
GREENWDD													+0
GURDON 3 E													+0
HAMBURG													-
HAMPTON								T					+0
HARRISDN							1+0			2+0			3+0
HEBER SPRINGS 3 NE					T				T				T
HECTOR							T			T			+0
HELENA					T		T		T				T
HENDERSDN 2 W									T				T
HDPE 3 NE							T						T
HOPPER													+0
HD RAT 10													+0
HDT SPRINGS 1 NNE										T			T
HUTTIG OAM													+0
INDEX													+0

See reference notes following Station Index.

MONTHLY AND SEASONAL SNOWFALL

Season of 1956-1957

ARKANSA

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
JASPER					T		-		T	-			-
JESSIEVILLE					T		T		T	T			T
JDNESBDRO					T		T		T	T			T
KEO					T		T		T	T			T
LAKE CITY					T		T		T	T			T
LAKE MAUMELLE	-	-	-	-	-	-	T			T			-
LANGLEY							-			3.5			.0
LEAO HILL									T	.5			.5
LEE CREEK GUARO STA										T			T
LEOLA										T			T
LITTLE ROCK WB AP							T		T	T			T
LITTLE ROCK FILTER PL													.0
LDST CORNER				-	-	-	-	-	-	-	-	-	-
LOUANN 2 SE							T		.5	-		-	-
LURTON							T						T
MADISON					T				T				T
MAGNOLIA 3 N													.0
MALVERN													.0
MAMMOTH SPRING							1.0		T	T			1.0
MARIANNA 2 S					T		T		T	T			T
MARKED TREE					T		T		T	T			T
MARSHALL										1.0			1.0
MARVELL				-	-	-	-	-	-	-			-
MELBOURNE													.0
MENA							T						T
MONTICELLO 3 S													.0
MOROBAY L AND D NO 8													.0
MORRILTON										T			T
MDUNT IDA									T	T			T
MOUNT MAGAZINE													.0
MOUNTAIN HOME							T						-
MOUNTAIN HOME C OF ENG							.1	T	T	-			-
MOUNTAIN VIEW 1 E													.0
MULBERRY 6 NNE										T			T
NARROWS OAM													.0
NASHVILLE PEACH SUBSTA							T		T	T			T
NATHAN 4 NW													.0
NEWHOPE 3 E													.0
NEWPORT					-		.6		T	T			-
NIMROD DAM							T			T			T
ODELL													.0
ODEN 2 W													.0
OKAY													.0
OSCEDLA										T			-
OWENSVILLE							T						T
DZARK										T			T
DZDNE							T		T	T			T
PARAGOULD					T								T
PARIS							T		T				T
PARKIN 2 W													.0
PARKS													.0
PERRYVILLE													.0
PINE BLUFF							T		T	T			T
PINE BLUFF CAA AP							T		T				T
PINE RIDGE													.0
POCAHONTAS 1					T		.2	T					.2
PORTLAND									T				T
PRESCDTT							T						T
RATCLIFF													.0
RISON													.0
ROGERS						T	T		T	2.0			2.0
RUSSELLVILLE													.0
SAINT CHARLES							T		T	T			T
SAINT FRANCIS													.0
SALEM							1.0						1.0
SEARCY										T			T
SHERIOAN TOWER													.0
SHIRLEY 3 SE					T		T		T	T			T
SILDAM SPRINGS							T		T	1.3			1.3
SPARKMAN 4 E													.0
STAMPS									T				T
STAR CITY 2 S													.0
STEVE													.0
STUTTART													.0
STUTTART 9 ESE													.0
SUBIACO													.0
SUGAR GROVE				-	-	-	-	-	-	-	-	-	-
TAYLOR													.0
TEXARKANA WB AP							T						T
TURNPIKE							1.0			1.0			2.0
WALORON							T						T
WALNUT GROVE					T		T		T	T			T
WALNUT RIDGE CAA AP							.5			1.5			2.0
WARREN							T						T
WASHITA													.0
WHITE ROCK							T	T		T	3.0		3.0
WHITECLIFFS													-
WILSON													-
WYNNE										T			T
YELLVILLE					T		T		T	T			-

DAILY TEMPERATURES

ARKANSAS
JUNE 1957

Table 5- Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HOT SPRINGS 1 NNE	MAX	75	78	78	83	86	88	89	90	87	87	91	90	87	90	91	92	93	91	89	90	90	84	85	84	86	88	84	95	92	89		
	MIN	66	67	64	67	64	67	68	71	70	65	74	73	65	76	74	73	73	72	67	65	69	69	68	66	60	64	70	73	78			
JONESBORO	MAX	85	69	77	81	83	90	91	94	90	89	91	92	87	90	93	94	96	92	87	89	93	88	91	81	86	88	91	91	95	87		
	MIN	68	65	63	69	66	66	70	72	68	68	73	73	66	75	73	73	74	71	67	62	63	73	70	64	60	61	71	72	69	70		
KEO	MAX	82	79	80	86	83	89	90	90	91	88	91	91	87	91	92	92	88	92	86	88	93	87	88	81	84	89	87	93	89			
	MIN	68	68	65	64	64	67	68	69	67	66	72	67	67	75	74	70	70	70	68	63	66	67	68	67	56	60	70	70	75			
LEAO MILL	MAX	76	75	69	82	88	90	90	90	80	88	94	90	85	84	89	90	92	85	82	86	89	84	88	81	83	85	88	89	94	89		
	MIN	65	56	54	62	62	61	62	65	67	67	67	67	64	69	73	67	67	65	56	55	60	65	60	58	52	69	62	63	62	67		
LITTLE ROCK W8 AP	MAX	77	77	78	85	83	90	90	90	88	89	92	92	88	92	92	93	92	91	87	88	91	84	87	84	85	89	87	92	92	87		
	MIN	69	66	65	66	65	69	69	72	68	67	75	69	66	77	76	75	75	75	71	68	71	69	70	67	61	64	71	72	74	75		
MAGNOLIA 3 N	MAX	76	80	84	84	86	89	88	87	86	92	93	90	91	91	92	92	92	90	85	88	90	86	89	87	83	87	82	92	91	92		
	MIN	67	65	66	67	67	63	66	67	68	70	69	72	66	76	68	73	70	69	70	68	69	69	70	68	59	62	70	70	75	75		
HALVERN	MAX	77	82	80	85	86	90	90	89	91	89	91	91	88	91	92	93	91	89	89	89	91	85	89	83	85	88	86	93	91	91		
	MIN	67	68	60	65	63	66	66	69	70	65	71	70	65	77	78	79	70	70	68	65	66	65	67	66	57	66	63	68	70	76		
MAMMOTH SPRING	MAX	78	72	79	80	84	90	90	89	82	88	92	90	84	89	90	90	93	89	84	85	90	81	87	80	84	83	88	89	93	83		
	MIN	64	54	60	65	66	60	64	64	68	70	69	70	65	70	76	70	70	66	57	56	56	67	63	62	50	56	63	68	61	68		
MARIANNA 2 5	MAX	85	79	81	85	84	87	90	87	90	89	91	93	91	90	92	94	96	95	87	88	95	91	86	82	85	90	89	90	91	89		
	MIN	66	66	66	68	66	65	68	69	68	68	70	70	68	73	73	73	71	71	71	63	67	70	69	66	58	59	70	70	70	71		
MARKED TREE	MAX	85	69	77	82	82	88	90	91	90	92	94	89	89	90	93	93	95	95	85	93	92	88	88	82	85	87	89	96	88			
	MIN	69	59	62	62	68	66	68	69	69	69	72	74	66	73	73	74	76	72	69	64	64	72	70	65	61	61	71	72	68	68		
MARSHALL	MAX	82	76	78	80	82	89	87	87	81	85	89	87	84	86	86	88	90	85	83	85	87	83	85	76	82	85	85	87	92	87		
	MIN	61	59	59	63	60	59	64	66	65	62	73	70	62	72	71	73	72	68	58	56	64	64	60	58	51	56	63	63	61	67		
MENA	MAX	74	79	72	80	80	86	88	89	89	86	89	85	87	88	87	88	90	85	84	85	86	81	82	79	85	83	85	91	89	90		
	MIN	64	63	63	62	63	61	64	67	69	62	73	71	67	75	73	73	73	70	66	63	67	62	65	61	55	61	65	69	71	76		
MONTICELLO 3 S	MAX	88	85	80	85	82	86	89	84	90	89	91	90	89	91	91	91	91	92	87	90	90	85	86	79	84	88	80	91	90	90		
	MIN	67	62	65	65	63	68	65	68	62	66	70	72	67	72	72	67	72	67	68	67	68	71	68	66	57	57	68	69	73	73		
MORRILTON	MAX	80	75	75	87	84	89	89	89	84	86	91	90	86	89	89	90	92	90	88	87	89	84	88	83	83	85	87	91	92	89		
	MIN	68	67	63	68	65	66	67	70	70	65	73	71	66	77	76	74	72	72	66	62	65	67	66	65	60	62	67	70	69	73		
MOUNT IOA	MAX	75	79	75	82	85	90	89	90	89	88	90	89	88	89	90	90	92	90	86	88	88	86	87	82	85	86	86	92	88	89		
	MIN	66	66	59	64	64	61	62	66	67	64	68	74	65	68	73	75	69	68	64	60	65	75	65	63	54	57	62	67	67	75		
MOUNT MAGAZINE	MAX	70	65	65	75	76	81	80	83	80	80	83	78	77	80	79	81	83	81	75	78	79	74	74	74	74	74	74	74	74	74		
	MIN	60	60	58	62	58	60	65	65	64	59	65	68	69	72	68	66	68	63	60	64	63	58	59									
MOUNTAIN MOMIE	MAX	79	71	72	81	80	87	88	78	86	90	87	84	88	90	92	90	92	90	85	86	90	86	87	78	83	84	86	86	92	84		
	MIN	65	55	59	65	62	62	64	67	66	66	69	70	64	72	76	70	70	69	57	59	61	64	62	58	54	59	64	67	64	67		
MOUNTAIN MOMIE C OF ENG	MAX	84	72	67	73	80	80	88	89	90	79	87	92	89	84	88	88	89	91	84	83	84	88	84	87	79	82	83	85	87	92		
	MIN	65	59	59	60	64	62	63	66	68	67	68	69	64	66	76	69	68	67	60	57	60	69	62	60	53	59	64	67	62	69		
NARROWS OAM	MAX	84	80	81	81	82	85	93	89	90	92	90	93	91	90	93	91	92	93	90	89	96	90	81	90	87	86	88	89	95	92		
	MIN	62	60	64	64	62	60	62	67	66	65	67	65	65	70	68	68	67	69	60	64	66	70	66	60	56	58	67	69	69	70		
NASMVILLE PEACH SUBSTA	MAX	83	72	82	81	83	85	86	88	88	90	88	90	89	88	89	89	90	91	90	88	89	88	80	87	84	84	86	84	92	90		
	MIN	66	64	65	63	62	62	64	68	68	66	69	69	66	70	70	72	72	72	69	68	68	70	63	62	61	61	66	69	70	74		
NEWPORT	MAX	84	79	77	80	84	91	92	93	86	88	93	92	88	91	93	95	96	92	91	89	93	89	91	87	87	88	90	90	95	85		
	MIN	71	65	57	68	63	68	70	72	69	66	77	74	67	75	76	72	74	72	68	62	65	72	69	67	60	62	70	71	68	77		
NIMROO OAM	MAX	87	77	74	74	80	85	90	91	88	88	92	91	88	90	90	90	93	91	87	92	89	79	89	84	88	88	87	90	93			
	MIN	65	66	62	63	62	63	64	68	62	66	69	64	65	72	69	68	68	63	58	62	72	64	64	55	58	64	70	66	73			
OKAY	MAX	77	84	80	85	85	88	89	90	92	91	93	93	91	91	92	92	93	91	90	90	90	86	88	85	87	88	87	94	93	94		
	MIN	66	65	67	65	64	65	69	72	69	70	73	73	68	78	73	75	72	73	71	68	69	67	70	64	62	64	70	71	76	78		
OZARK	MAX	86	75	72	87	84	92	88	90	88	87	92	88	85	89	89	90	92	89	85	88	88	83	87	84	84	85	88	92	94	90		
	MIN	67	67	59	67	63	64	66	69	71	65	71	71	65	74	75	73	73	73	63	63	70	73	65	60	57	64	69	70	68	74		
PARAGOULO	MAX	85	73	76	79	82	84	89	92	89	86	89	89	86	88	91	88	95	91	88	87	90	84	88	81	83	85	85	89	95	90		
	MIN	66	52	58	68	65	65	67	69	69	69	73	73	66	73	76	72	71	70	66	59	59	69	69	63	52	60	69	71	68	68		
PARIS	MAX	78	73	75	90	91	92	88	92	88	90	94	90	89	91	91	92	94	90	85	90	90	86	88	84	86	85	89	92	94	92		
	MIN	67	66	65	63	65	69	70	69	70	65	70	70	65	78	77	72	73	71	63	63	65	76	64</									

Table 5-Continued

DAILY TEMPERATURES

ARKANSAS
JUNE 1957

Station		Day Of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
STUTT GART 9 ESE	MAX	89	78	82	80	84	83	88	87	88	90	86	88	89	87	89	90	90	91	93	88	88	90	83	86	79	83	86	85	91	90	
	MIN	67	68	67	68	65	68	70	72	69	67	71	72	67	71	74	73	73	72	71	66	70	73	70	69	63	63	71	70	73	76	
SUBIACO	MAX	79	72	72	85	85	89	89	91	87	89	94	90	89	90	90	91	94	89	85	88	90	81	86	83	86	85	88	91	94	90	
	MIN	66	65	62	65	64	64	65	69	68	64	73	71	63	76	77	79	72	71	64	61	67	65	64	61	55	63	67	69	68	73	
TEXARKANA WB AP	MAX	76	81	83	84	84	87	87	87	92	90	91	91	90	91	91	92	92	89	88	90	89	83	86	84	85	88	82	94	93	93	
	MIN	66	67	66	64	65	65	70	73	71	71	74	68	71	78	73	75	73	73	72	70	70	67	68	64	64	67	72	70	76	77	
TURNPIKE	MAX	74	68	64	78	75	81	81	83	75	71	84	82	75	80	80	82	85	78	82	79	82	73	81	73	78	79	80	83	85	80	
	MIN	59	59	57	62	59	64	65	67	63	60	69	69	60	70	70	69	70	66	59	62	66	60	63	55	60	61	67	66	70	65	
WALDRON	MAX	83	80	72	84	84	90	92	92	92	91	94	91	91	91	92	92	95	90	88	90	91	87	88	82	87	88	89	92	94	93	
	MIN	66	66	63	65	63	63	64	67	67	64	74	72	67	78	74	74	70	70	62	61	66	65	63	62	54	68	64	69	67	77	
WALNUT RIDGE CAA AP	MAX	81	68	78	78	81	88	89	90	84	86	91	91	87	89	91	91	94	89	84	87	92	84	88	80	83	85	89	88	94	83	
	MIN	68	57	62	68	66	65	69	71	68	70	74	74	67	75	76	75	73	71	66	63	64	70	69	65	59	64	71	72	69	71	
WARREN	MAX	87	87	81	87	84	88	90	91	92	91	93	92	85	93	92	92	93	95	87	92	91	87	89	82	86	89	83	93	93	92	
	MIN	68	68	66	65	65	69	70	70	66	66	71	73	65	75	73	72	71	71	87	92	91	71	70	67	63	61	70	71	73	75	
WHITE ROCK	MAX	73	66	65	78	75	81	82	83	79	80	85	81	77	80	82	83	84	82	79	81	81	78	81	74	77	79	80	83	86	83	
	MIN	61	60	58	61	58	65	66	67	67	60	69	69	58	70	70	68	69	67	60	63	66	60	61	54	60	67	67	67	68	66	
WILSON	MAX	84	80	79	83	86	89	91	88	85	92	92	93	87	92	94	96	94	92	86	86	87	87	85	87	89	90	90	91	92		
	MIN	69	66	66	67	67	65	67	71	69	67	72	72	67	75	76	72	71	72	67	60	68	72	70	59	61	70	71	70	71	72	
WYNN	MAX	84	73	79	82	81	88	90	90	89	87	89	90	83	89	92	93	95	93	84	86	91	85	87	82	83	86	88	90	93	87	
	MIN	66	65	64	66	64	68	66	71	68	67	74	65	68	74	75	75	72	73	68	62	67	72	70	64	57	62	70	72	65	69	

Table 6

EVAPORATION AND WIND

Station		Day of month																														Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
BLAKELY MOUNTAIN OAM	EVAP	.13	.04	.14	.00	.09	.16	.22	.21	.18	.14	.14	.22	.26	.10	.20	.19	.20	.25	.20	.22	.24	.16	.06	.12	.24	.21	.20	.20	.29	.19	
	WIND	11	9	44	25	12	16	19	14	16	18	26	26	36	23	32	24	20	15	35	19	10	21	20	35	25	15	17	44	26	30	
HOPE 3 NE	EVAP	.16	.12	-	.13	.15	.16	.22	.17	.15	.22	.22	.24	.23	.19	.26	.24	.24	.27	.27	.27	.25	.19	.15	.02	.32	.23	.24	.04	.20	.24	
	WIND	*	*	25	2	25	28	8	4	1	9	17	21	22	34	30	2	*	*	48	45	21	20	18	16	36	9	13	77	*	50	
MOUNTAIN HOME C OF ENG	EVAP	.17	.11	.06	.03	.16	.14	.22	.25	.22	.15	.23	.28	.32	.17	.29	.25	.30	.25	.22	.25	.28	.24	.15	.37	.25	.27	.13	.15	.29	.20	
	WIND	18	29	59	22	25	7	15	19	23	19	27	43	45	40	66	38	41	23	33	27	22	30	32	46	20	25	23	35	31		
NARROWS OAM	EVAP	.13	.03	.10	.08	.12	.21	.21	.24	.17	.28	.17	.24	.30	.16	.24	.20	.25	.25	.37	.26	.24	.32	-	-	.24	.26	.22	.19	.28	.21	
	WIND	15	10	42	34	21	25	15	26	24	35	39	37	62	58	50	58	43	25	29	25	20	40	13	32	22	21	23	42	27	44	
NIMROD OAM	EVAP	.18	.07	-	.19	.22	.19	*	.53	.31	.22	.18	.22	.31	.19	.12	.38	.28	.22	.24	.27	.26	.24	.23	.08	.17	.29	.25	.21	.19	.26	.26
	WIND	7	1	4	1	6	7	30	16	10	26	22	33	36	46	34	23	5	15	3	5	22	12	41	5	10	9	26	38	25		
RUSSELLVILLE	EVAP	-	-	-	.14	.16	.12	.30	.33	.20	.15	.24	.20	.18	.21	.27	.28	.27	.21	.28	.30	.25	.15	.13	.21	.28	.24	.20	.26	.20	.14	
	WIND	-	-	11	6	7	6	4	7	7	13	9	10	12	12	15	11	7	11	9	10	11	5	7	7	8	7	18	24	9	4	
STUTT GART 9 ESE	EVAP	.22	.04	.15	.07	.13	.15	.20	.22	.10	.20	.18	.25	.23	.09	.22	.26	.23	.18	.24	.25	.23	.23	-	.13	.16	.19	.25	.16	.18	.26	
	WIND	3	3	6	1	6	0	2	5	3	20	30	40	24	49	56	27	10	0	7	4	1	13	10	12	3	2	14	65	50	77	

See reference notes following Station Index.

MONTHLY AND SEASONAL HEATING DEGREE DAYS

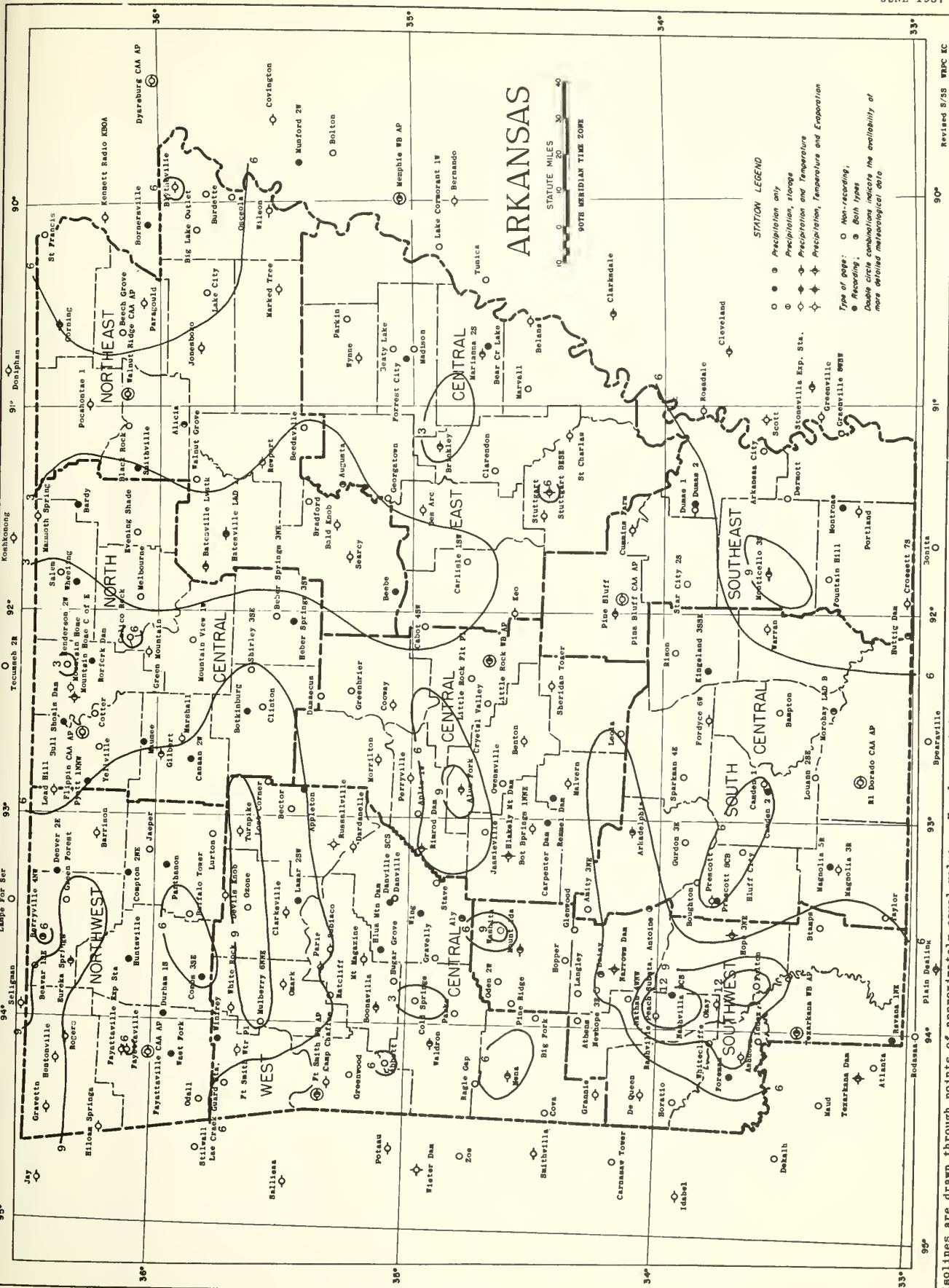
Season of 1956-1957

ARKANSAS

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	NORMAL JULY-JUNE	
ALUM FORK	0	0	0	39	418	486	769	411	460	148	26	0	2757		
ARKAOELPMIA	0	0	0	36	399	468	679	341	375	116	21	0	2435		
ASMOON	0	0	0	41	411	447	676	287	382	126	15	0	2385		
BALO KNOB	0	0	2	68	470	553	816	449	443	157	29	0	2987		
BATESVILLE LIVESTOCK	AM	0	2	9	96	584	670	987	624	547	215	35	1	3770	
BATESVILLE L AND O NO 1	0	0	8	61	461	541	859	494	482	170	34	0	3110		
BENTON	0	0	2	74	470	523	750	414	437	149	38	0	2857		
BENTONVILLE	0	4	33	102	607	691	972	524	593	252	41	4	3823		
BLAKELY MOUNTAIN DAM	AM	0	0	2	56	457	527	797	441	482	197	30	0		
BLYTHEVILLE	0	0	20	58	439	562	846	491	467	154	27	0	3064		
BOONEVILLE	0	0	3	37	463	552	758	394	461	147	17	0	2832		
BRINKLEY	0	0	3	63	460	501	793	417	427	167	29	0	2860		
CAMDEN 1	AM	0	0	35	444	455	714	356	384	129	19	0	2536		
CAMP CMAFFEE	AM	0	1	8	49	502	656	844	461	510	209	19	0	3259	
CLARKSVILLE	0	0	2	38	486	590	781	410	465	170	18	0	2960		
CONWAY	0	0	4	48	440	513	762	414	431	142	23	0	2777		
CORNING	0	0	9	69	473	597	920	542	495	154	30	2	3291		
CROSSETT 7 S	0	0	0	30	349	360	592	301	304	105	24	0	2065		
CUMMINS FARM	0	0	2	47	406	429	737	384	413	131	28	0	2577		
DAROANELLE	0	0	0	45	456	529	756	386	430	145	19	0	2766		
DE QUEEN	0	0	0	44	419	494	704	321	410	136	16	0	2544		
OES ARC	AM	0	4	1	43	468	547	817	454	171	24	0	3004		
DEVILS KNOB 1 SE	0	0	13	69	557	616	934	537	598	265	37	6			
DOMAS 1	0	0	0	39	385	387	664	345	374	121	27	0	2342		
EL DORADO CAA AP	0	0	0	44	412	408	649	294	357	132	26	0	2322		
EUREKA SPRINGS	0	4	17	53	532	616	921	471	572	228	41	10	3465		
FAYETTEVILLE	0	1	13	75	558	632	900	486	557	226	29	3	3480		
FAYETTEVILLE CAA AP	0	5	26	110	603	657	921	522	614	271	44	2	3775		
FAYETTEVILLE EXP STA	0	4	19	80	568	640	915	501	593	247	42	7	3616		
FLIPPIN CAA AP	0	0	20	72	538	620	936	509	554	216	31	2	3498		
FORDOYCE 6 W	0	0	0	28	371	391		329	363	123	23	0			
FORT SMITH WB AP	0	0	0	42	499	599	818	423	479	181	16	0	3057	3188	
FT SMITH WATER PLANT	0	1	14	62	525	617	825	423	503	192	22	0	3184		
GILBERT	0	0	20	83	494	587	855	473	536	173	36	0	3257		
GRANNIS	0	0	0	43	440	500	727	343	458	169					
GRAVETTE	0	2	14	80	591	700	980	534	594	257	48	7	3807		
GREEN MOUNTAIN	AM	0	3	22	93	571	643	922	532	550	233	45	4	3618	
MARRISON	0	0	0	26	381	438	727	362	394	121	22	0	2471		
MELENA	AM	0	0	49	424	479	754	369	420	149	26	0	2670		
MOPE 3 NE	0	0	0	23	389	413	723	364	393	121	15	0	2441		
MOT SPRINGS 1 NNE	0	0	0	23	389	413	723	364	393	121	15	0	2441		
JONESBORO	0	0	0	23	406	522	817	468	457	130	25	0	2828		
KEO	0	3	3	62	442	501	755	421	427	144	27	0	2782		
LEAD HILL	0	1	27	86	559	648	916	534	563	230	36	3	3603		
LITTLE ROCK WB AP	0	0	0	32	433	492	773	409	427	140	22	0	2728	2982	
MAGNOLIA 3 N	0	0	0	41	366	386	622	272	353	109	24	0	2173		
MALVERN	0	0	0	34	409	486	709	374	412	133	19	0	2576		
MAHMOOTH SPRING	0	0	13	64	468	602	936	523	543	209	41	2	3401		
MARIANNA 2 S	0	0	3	43	408	489	765	398	427	142	29	0	2704		
MARKED TREE	0	0	4	47	444	542	827	453	450	143	25	1	2936		
MARSMALL	0	2			515	640	885	494	505	172	35	0			
MENA	0	0	0	45	464	502	765	387	461	159	21	0	2804		
MONTICELLO 3 S	0	0	1	36	364	386	631	304	360	122	32	0			
MORRILTON	0	0	0	42	424	501	761	409	438	148	24	0	2747		
MOUNT 10A	0	0	7	76	445	540	769	416	507	150	33	0	2943		
MOUNT MAGAZINE	0	4	11	80	622	672	982	534	686	327	51	7	3976		
MOUNTAIN HOME	0	0	4	57	490	575	925	499	523	177	25	2	3277		
MOUNTAIN HOME C OF ENG	AM	0	4	22	76	579	658	958	571	603	238	39	2	3750	
NARROWS DAM	AM	0	0	0	51	453	536	750	398	465	178	28	0	2859	
NASHVILLE PEACH SUBSTA	AM	0	0	0	48	433	501	750	385	477	179	25	0	2798	
NEWPORT	0	0	2	39		505	805	453	416	133	17	0			
NIMROD DAM	AM	0	2	4	57	457	545	807	455	504	188	23	0	3042	
OKAY	0	0	0	30	359	403	633	273	346	109	15	0	2168		
OZARK	0	0	1	29	449	573	762	364	442	154	13	0	2787		
PARAGOULO	0	0	8	74	483	576	898	532	505	180	33	2	3291		
PARIS	0	0	1	39	454	559	767	409	468	157	19	0	2873		
PERRYVILLE	0	0	6	63		569	767	425	438	143	24	0			
PINE BLUFF	0	0	0	32	383	408	688	366	373	115	17	0	2382		
PINE BLUFF CAA AP	0	0	0	54	431	447	733	377	405	133	25	0	2605		
POCAHONTAS 1	0	0	0	42	475	576	891	521	496	160	28	0	3189		
PORTLAND	AM	0	0	0	46	401	426	697	334	396	149	23	0	2472	
PRESCOTT	AM	0	1	0	61	477	526	789	407	462	167	27	0	2917	
ROGERS	0	0	7	54	543	651	932	494	572	230	32	8	3523		
RUSSELLVILLE	0	0	2	39	440	539	759	388	431	147	19	0	2764		
SAINT CHARLES	AM	0	0	2	35	427	480	776	384	420	136	24	0	2684	
SEARCY	0	0	0	37	415	496	782	423	421	137	25	0	2736		
SHERIDAN TOWER	0	0	0	9		449	390	390	418	124	16	0			
SILDOM SPRINGS	0	2	11	89	562	663	923	502	556	232	33	3	3576		
STUTTART	0	0	0	26	393	444	709	376	397	115	20	0	2480		
STUTTART 9 ESE	AM	0	1	10	56	493	547	829	460	508	161	31	0	3096	
SUBIACO	0	0	1	27	447	546	762	390	449	163	17	0	2802		
TEXARKANA WB AP	0	0	0	29	377	390	665	283	363	110	16	0	2233	2362	
TURNPIKE	0	7	11	74	546	618	942	532	595	247	38	6	3616		
WALDRON	0	0	13	489	532	727	777	377	476	149	18	0			
WALNUT RIDGE CAA AP	0	0	3	59	492	588	936	529	505	184	32	2	3330		
WARREN	0	0	0	29	389	380	647	308	351	117	17	0	2238		
WHITE ROCK	0	4	4	72	577	620	937	521	602	260	36	6	3639		
WILSON	0	0	0	42	413		796	430		129	21	0			
WYNNE	0	0	3	42	444	517	830	457	459	137	38	0	2927		

TOTAL PRECIPITATION

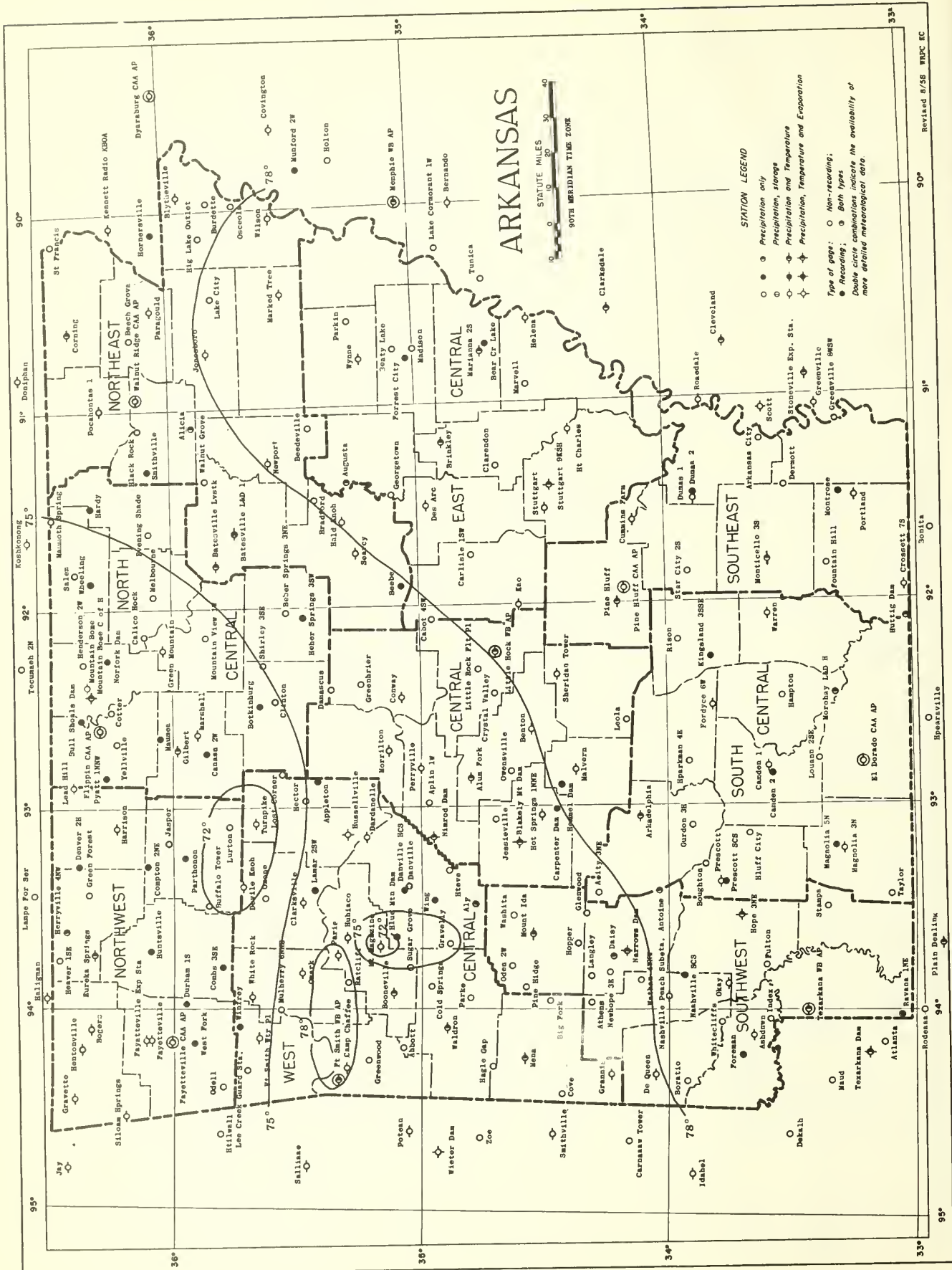
JUNE 1957



Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

JUNE 1957



STATION LEGEND

- ○ Precipitation only
- ○ Precipitation, Storage
- ○ Precipitation and Temperature
- ○ Precipitation, Temperature and Evaporation

Type of page: ○ Non-recording;
 ● Recording; ○ Both types
 Double circle combinations indicate the availability of more detailed meteorological data.

Isotherms are drawn through points of approximately equal values.

REFERENCE NOTES

Additional information regarding the climates of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sum of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground. Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Traces, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

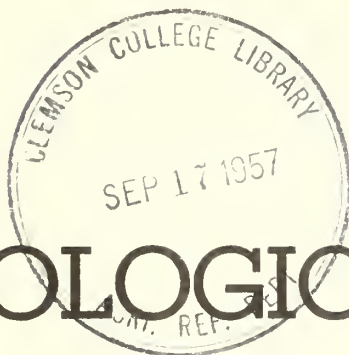
Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposures, etc., of substations through 1955 may be found in the publication "Station History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

NWRC, ASHEVILLE, N. C. -- 7-30-57 -- 1500

7c 18/5

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief



CLIMATOLOGICAL DATA

ARKANSAS

JULY 1957

Volume LXII No. 7



WEATHER SUMMARY

Heavy showers improved crop prospects but hampered field work. Hay yields were generally satisfactory although the rains caused some losses. Early-planted crops made good to excellent progress. With continued favorable weather and a late frost, the late-planted crops were expected to produce good yields. For the State as a whole, temperatures averaged near seasonal.

Several long hot spells were separated by very brief periods with temperatures below seasonal. Most stations registered their highest temperatures for the month near the middle of July or during the last few days. Monthly maximums were in the upper 90's at most stations but exceeded 100° at a few places. The highest temperature for the State, 105°, occurred at Ozark on the 29th. Afternoon temperatures reached 90° or higher on 20 days or more at most stations and on almost every day at a few stations. The coolest mornings were the 6th, 12th, and 25th. Most stations registered their lowest temperatures for the month on those dates. Monthly minimum temperatures were mostly in the upper 50's and the lower 60's. The lowest temperature for the State, 52°, occurred at Batesville Livestock on the 6th. Monthly mean temperatures ranged from 77.3° at Turnpike to 84.8° at Fort Smith Weather Bureau Airport Station. Temperatures averaged slightly above the long-term means over the western sections and over central Arkansas and slightly below the 25-year averages over the northeastern and southeastern counties.

Thundershowers were general over northern and eastern Arkansas on July 1 and 2. A number of stations received substantial amounts from the storms. Fair weather prevailed from the 3d to 15th with no important general precipitation during the period. However, a few isolated thundershowers dumped some generous amounts at widely separated localities on the 10th. Rogers received 2.40 inches during a thunderstorm on that date. Thundershowers occurred frequently from the 16th to 24th. Little rain of importance fell from the 25th to 28th. A few heavy thundershowers occurred on the 29th and many stations registered their greatest daily totals on the 30th. Several stations received more than two inches on July 30 and a few stations received more than four inches on that date. Monthly totals ranged from 0.67 inch at El Dorado Airport to 9.98 inches at Searcy. Precipitation was quite unevenly distributed over the State. Areas centered around El Dorado, Prescott, and Ft. Smith received light rains. Heaviest rains fell over the Searcy, Eureka Springs, Malvern, Stamps, and Arkansas City vicinities. Most counties over the western half of the State received less than average rainfall for July. Several counties in the southwest and a few stations in the extreme west central part of Arkansas received less than half their long-term means. Several stations, mostly from Searcy to the northeast corner of the State, received more than twice their 25-year averages.

Heavy rains over much of the eastern third of Arkansas during the first two days of July hampered field work. Elsewhere, the weather was favorable for outdoor work and for crop growth except in some parts of the west central counties where some flooded fields were too wet to till. The few isolated showers which fell during the second week of July were of little consequence. Farmers made much progress in cultivating row crops, harvesting hay, and planting late corn, sorghums, millet and sudan. The hot weather was favorable for crop growth but many areas needed showers because the surface moisture was getting low and some crops were beginning to suffer. The hot weather continued during the third week and the drying winds further depleted the surface mois-

ture. Widely scattered showers fell over many counties but, in general, the weather was favorable for cultivating row crops and harvesting hay, peaches, and vegetables. Showers during the last week of July interfered with haying and cultivating late row crops in some areas but the rains were needed. They improved the crops prospects. Scattered areas received no rain but the drought damage, if any, was mostly light.

Cotton made satisfactory progress during July. Most fields fruited heavily and prospects were fair to good. Early fields had large bolls. There was a large acreage of very late cotton, especially in northeast Arkansas. Some fields which did not get enough rain were irrigated but the acreage being watered was limited. Insect pests increased and considerable poisoning was done in some areas but insect outbreaks were not considered serious. Rice made good progress in all areas and prospects were favorable.

Early corn made good progress. Some late fields needed rain. Fall army worms and ear worms were prevalent in many counties throughout the State and many farmers were attempting to poison the pests. Sorghums did well, in general, but some areas needed rain. Much excellent quality lespedeza hay was baled; also a considerable tonnage of grass hay. Late fields of lespedeza in some parts needed rain. Land preparation for seeding winter grain was getting under way. Most pastures continued to furnish grazing; many pastures needed rain. Drying pastures and hot weather slowed the gains in some herds of cattle.

Tomato harvest was completed in southern Arkansas. A good crop was in prospect in the northern counties although more rain was needed. Cucumber harvest was completed. Harvest of cantaloups, melons, and peaches was under way.

STORMS

Damaging thunderstorms occurred on several days in July. On the early morning of the 1st, thunderstorms, accompanied by strong winds and heavy rains, occurred in Benton, Carroll, Crawford, Sebastian and Washington Counties. The winds damaged power lines, roofs, trees, and television antennas. The rains caused local flooding and property damage in Fort Smith. Several hundred young turkeys were killed in the storms. During the afternoon of July 1, strong winds damaged three airplanes and destroyed a hangar three miles west of Conway. Heavy rain accompanied the storm. On the evening of July 1, thunderstorms caused extensive damage to houses, other buildings, and trees, in Howard and Pike Counties. Some hail fell in the Antoine area.

On the 18th, in the early afternoon, lightning destroyed a house in Independence County. Lightning destroyed a lumber yard and lumber processing plant in Malvern on the evening of July 19. Thunderstorm activity was widespread over many counties on the 29th and 30th. Strong winds on those dates damaged houses, other buildings, signs, television antennas, and trees in Pulaski, Lonoke, Jefferson, Prairie, White, Jackson, and Clay Counties. Lightning caused scattered damage. Hail fell in Clay County.

Lucius W. Dye
Climatologist
Weather Records Processing Center
Kansas City, Missouri

CLIMATOLOGICAL DATA

ARKANSAS
JULY 195

TABLE 2 - CONTINUED

Station	Temperature											Precipitation															
	Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet			No. of Days						
										Max.		Min.						Total	Departure from Long-Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00
										32° or Below	32° or Below	32° or Below	32° or Below														
EAST CENTRAL DIVISION																											
BRINKLEY	92.1M	66.4M	79.3M	- 2.2	98	15+	58	12	0	0	0	0	0	6.14	2.41	2.00	30	.0	0		5	4	0				
OES ARC	91.4	70.2	80.8		99	17	64	12	0	23	0	0	0	9.15		4.62	30	.0	0		9	3	0				
HELENA	91.5	70.5	81.0	- 0.5	97	9+	63	6+	0	23	0	0	0	3.02	-.84	1.30	1	.0	0		6	2	0				
KEO	92.4	69.0	80.7		99	15	61	6	0	25	0	0	0	3.98		1.60	30	.0	0		6	3	0				
MARIANNA 2 S	91.3	68.6M	80.0M	- 1.1	97	15+	58	12	0	19	0	0	0	2.86	-.70	.89	1	.0	0		4	4	0				
SAINT CHARLES	91.5	70.9	81.2		97	16	64	9	0	22	0	0	0	7.63		2.22	3	.0	0		9	4	0				
STUTT GART	93.4	71.9	82.7	0.4	99	15+	65	12	0	26	0	0	0	7.39	3.13	2.63	30	.0	0		6	5	0				
STUTT GART 9 ESE	90.4	71.4	80.9		96	16	64	12	0	17	0	0	0	4.47		1.67	30	.0	0		8	3	0				
WYNNE	90.3	68.4	79.4		96	15+	60	12	0	17	0	0	0	4.43		2.20	30	.0	0		5	2	0				
DIVISION			80.7	- 0.8										5.45	1.68			.0									
SOUTHWEST DIVISION																											
ASHOOWN	95.8	71.0	83.4		101	3+	63	6	0	30	0	0	0	3.55		2.18	24	.0	0		5	2	1				
OF QUEEN	95.9	70.3	83.1		103	29	60	6	0	29	0	0	0	2.53		1.45	25	.0	0		6	2	1				
HOPE 3 NE	93.0	71.1	82.1	0.0	100	19	65	6	0	22	0	0	0	1.80	- 2.77	1.33	25	.0	0		3	1	1				
MOUNT IOA	94.8	69.1M	81.8M	1.6					0	28	0	0	0	2.30	- 2.13	1.06	3	.0	0		5	2	1				
NARROWS OAM	94.5M	68.2	81.5		101	19	60	6	0	29	0	0	0	1.46		.39	3	.0	0		5	0	0				
NASHVILLE PEACH SUBSTA	92.9	70.4	81.7		99	19+	64	6+	0	27	0	0	0	1.70		.52	25	.0	0		4	1	0				
OKAY	95.1	71.6	83.4	0.8	100	18+	64	6	0	30	0	0	0	3.40	-.69	1.26	3	.0	0		5	3	1				
TEXARKANA WB AP	R// 93.4	73.1	83.3	0.4	99	29	68	6	0	28	0	0	0	1.95	- 1.99	1.01	21	.0	0		4	1	1				
DIVISION			82.6	1.0										2.34	- 1.85			.0									
SOUTH CENTRAL DIVISION																											
ARKADELPHIA	93.1	70.9	82.0		99	18	65	26+	0	26	0	0	0	1.90	- 1.98	.70	3	.0	0		5	1	0				
CAMDEN 1	93.0	71.3	82.2	- 0.2	98	16	63	6	0	25	0	0	0	2.65	- 1.99	1.50	22	.0	0		4	1	1				
EL OORADO CAA AP	92.9	70.4	81.7	- 1.2	100	14	62	6	0	23	0	0	0	.67	- 3.81	.42	24	.0	0		2	0	0				
FOROYCE 6 W	93.9M	71.1M	82.5M		100	18	63	6	0	0	0	0	0	4.15		2.24	30	.0	0		4	2	2				
MAGNOLIA 3 N	93.4	69.5	81.5	- 1.2	99	16	60	6	0	26	0	0	0	2.88	- 1.40	1.05	23	.0	0		5	3	1				
PRESCOTT	94.6	70.4	82.5	- 0.7	101	30	64	6	0	27	0	0	0	.81	- 3.94	.55	20	.0	0		1	1	0				
WARREN	94.0	70.9	82.5	- 0.4	99	10+	63	6+	0	28	0	0	0	3.90		1.69	30	.0	0		6	3	1				
DIVISION			82.1	- 0.4										2.42	- 1.73			.0									
SOUTHEAST DIVISION																											
CROSSETT 7 S	92.9	69.2	81.1	- 0.3	97	16	60	6+	0	27	0	0	0	3.67	- 1.55	2.17	30	.0	0		6	2	1				
CUMMINS FARM	92.4	M	M		98	15	59	12		24	0	0	0	4.08		1.66	30	.0	0		4	3	2				
QUMAS 1	93.2	70.9	82.1	- 1.1	100	15	64	6+	0	24	0	0	0	5.03	.39	1.68	30	.0	0		5	4	4				
MONTICELLO 3 S	92.3	68.5	80.4		97	9+	59	6	0	25	0	0	0	4.27		1.81	30	.0	0		4	3	2				
PINE BLUFF	93.9	72.6	83.3	0.1	99	15+	65	8	0	27	0	0	0	4.52	.49	2.53	30	.0	0		3	3	2				
PINE BLUFF CAA AP	92.2	69.9	81.1		96	4+	63	6+	0	22	0	0	0	4.53		1.26	30	.0	0		7	3	2				
PORTLAND	90.8	70.7	80.8	- 1.0	98	10	65	3+	0	18	0	0	0	4.94	.85	1.16	3	.0	0		8	5	2				
DIVISION			81.5	- 0.6										4.43	.02			.0									

Ø DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION MEANS.

DAILY PRECIPITATION

ARKANSAS
JULY 1957

Table 3

Table with columns for Station, Day of month (1-31), and Precipitation (inches). Rows list various stations such as ARBOTT, ALICIA, ALUM FORK, etc., with their respective precipitation values for each day.

DAILY TEMPERATURES

Table 5 - Continued

ARKANSAS
JULY 1957

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
STUTTGART 9 ESE	MAX	89	84	88	88	93	86	87	89	92	95	93	92	92	94	95	96	94	95	93	94	88	89	85	89	85	87	90	91	93	94	82	
	MIN	75	70	70	73	75	65	65	70	71	75	71	64	70	72	72	74	73	72	72	74	75	74	74	74	68	68	72	73	74	68	70	
SUBIACO	MAX	88	96	97	98	93	94	97	97	98	94	96	97	100	100	100	100	99	104	99	96	95	93	94	88	90	93	98	102	103	94	95	
	MIN	69	77	71	75	68	60	66	67	68	73	67	72	73	72	72	71	71	70	69	73	73	72	71	70	64	63	68	72	71	71	69	
TEXARKANA WR AP	MAX	88	93	96	95	90	91	91	94	95	96	95	95	96	96	96	96	97	98	96	93	90	92	88	87	90	91	93	96	99	91	91	
	MIN	75	69	72	76	72	68	70	70	75	75	74	76	73	73	74	76	74	75	73	71	73	72	72	76	74	70	72	74	77	73	73	
TURNPIKE	MAX	78	86	85	88	82	83	86	85	88	83	85	88	90	90	90	91	89	92	87	86	85	85	81	77	79	83	87	92	89	86	85	
	MIN	64	69	69	73	64	66	68	67	71	68	66	70	72	73	74	73	73	73	69	68	69	69	69	66	60	63	68	72	69	68	68	
WALDRON	MAX	92	99	99	101	99	96	98	98	100	99	98	100	99	99	99	100	102	100	97	93	91	92	92	91	89	94	97	100	104	102	95	
	MIN	70	69	69	72	70	58	63	65	64	69	67	70	71	68	68	69	70	70	70	70	73	72	72	71	68	63	67	72	68	75	68	
WALNUT RIOGE CAA AP	MAX	86	80	89	96	88	91	92	94	92	87	92	95	95	97	101	96	99	96	91	89	92	92	93	87	88	92	92	85	86	89	89	
	MIN	68	70	66	74	67	60	66	68	70	70	65	62	68	74	73	71	70	73	70	73	73	75	73	66	62	65	70	73	70	70	76	
WARREN	MAX	89	94	95	97	91	90	92	96	98	99	93	93	97	98	99	98	98	98	96	92	89	90	90	88	90	92	95	96	97	90	93	
	MIN	75	74	70	74	76	63	63	66	72	76	64	66	68	69	68	75	76	74	70	71	73	73	74	74	68	67	74	73	74	68	71	
WHITE ROCK	MAX	79	90	88	91	86	84	88	87	90	88	88	88	91	91	91	92	93	93	91	86	80	81	80	79	83	84	89	93	95	88	86	
	MIN	65	70	69	73	65	66	69	67	71	74	69	71	72	74	74	71	72	74	71	69	69	69	68	62	65	69	73	74	71	70	70	
WILSON	MAX	86	86	90	91	88	86	91	96	97	92	91	93	96	96	97	93	97	91	90	91	91	90	90	85	88	89	92	86	87	87	90	
	MIN	69	70	70	71	70	64	65	67	71	67	67	69	70	71	69	69	73	71	71	72	73	74	74	74	62	65	73	73	68	68	70	
WYNNE	MAX	89	86	89	94	86	88	90	91	93	89	89	92	93	94	96	94	96	92	93	87	88	90	89	84	85	91	92	90	89	91	89	
	MIN	70	65	66	72	66	61	62	67	64	71	64	60	65	73	72	70	71	72	67	72	70	72	74	70	61	64	72	74	74	73	67	

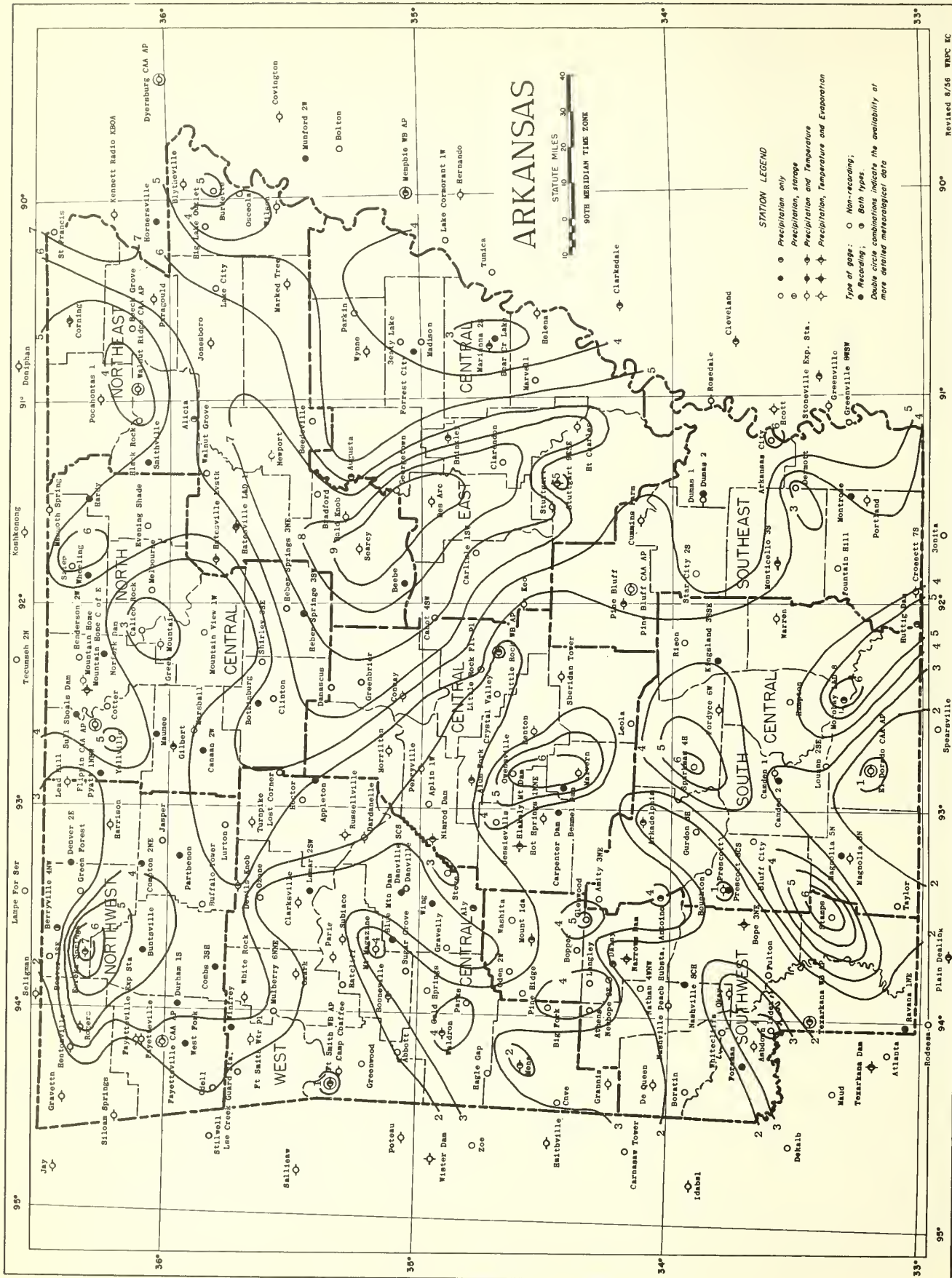
EVAPORATION AND WIND

Table 6

Station		Day of month																															Total Evap in Inch
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BLAKELY MDUNTAIN DAM	EVAP	.07	.14	.15	.25	.32	.33	.30	.20	.30	.35	.27	.23	.28	.29	.38	.21	.21	.18	.18	.25	.11	.08	.12	.12	.14	.25	.19	.23	.21	.31	.13	
	WIND	16	18	24	16	34	29	19	25	25	21	26	16	10	23	24	21	21	24	21	21	21	12	11	16	19	22	11	18	25	33	15	
HDPE 3 NE	EVAP	.17	.13	.28	.21	.30	.32	.26	.27	.22	.29	.24	.30	.27	.26	.27	.31	.25	.32	.28	.13	.18	.08	.13	.21	.17	.23	.25	.31	.19	.19		
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MDUNTAIN HDME C OF ENG	EVAP	.27	-	.15	.20	.35	.28	.24	.18	.35	.28	.15	.23	.25	.26	.27	.25	.20	.24	.29	.22	.21	.26	.23	.26	.24	.25	.24	.23	.27	.32	.13	
	WIND	38	11	23	23	49	23	16	21	18	22	15	13	16	21	10	19	12	9	14	18	24	24	15	17	23	12	10	15	19	30	7	
NARROWS DAM	EVAP	.08	.15	.31	.23	.33	.32	.26	.31	.32	.29	.26	.29	.25	.32	.28	.29	.25	.23	.31	.31	.03	.15	.11	.05	.17	.23	.23	.26	.22	.32	.20	
	WIND	26	23	39	17	24	24	20	27	27	23	19	19	25	22	21	23	16	20	30	23	16	18	15	11	15	17	14	19	36	34	25	
NIMROO OAM	EVAP	-	.14	-	.24	.35	.30	.26	.30	.29	.28	.29	.23	.28	.29	.30	.30	.30	.21	.27	.23	.22	.13	.15	.15	.15	.19	.33	.29	.25	.29	.17	
	WIND	10	28	12	10	32	11	7	18	17	10	12	5	17	17	20	21	7	23	5	12	16	10	11	8	20	13	11	17	62	2	3	
RUSSELLVILLE	EVAP	.18	-	.25	.28	.40	*	.58	.28	.31	.33	.28	.28	.32	.27	.26	.29	.35	.15	.16	.39	.16	.07	.24	.16	.29	.25	.28	.30	.29	.26	.18	
	WIND	8	14	10	11	7	*	17	6	5	11	10	8	8	4	4	6	5	5	9	16	10	3	2	10	7	7	4	8	4	13	7	
STUTTGART 9 ESE	EVAP	.14	.08	.14	.17	.26	.26	.22	.23	.24	.28	.23	.22	.24	.29	.23	.18	.06	-	.06	.24	.17	.04	.06	.17	.11	.19	.19	.22	.19	.31	.06	
	WIND	58	19	38	3	22	9	1	5	14	4	1	0	1	3	9	7	10	2	5	2	2	3	9	16	7	2	3	6	3	57	1	

TOTAL PRECIPITATION

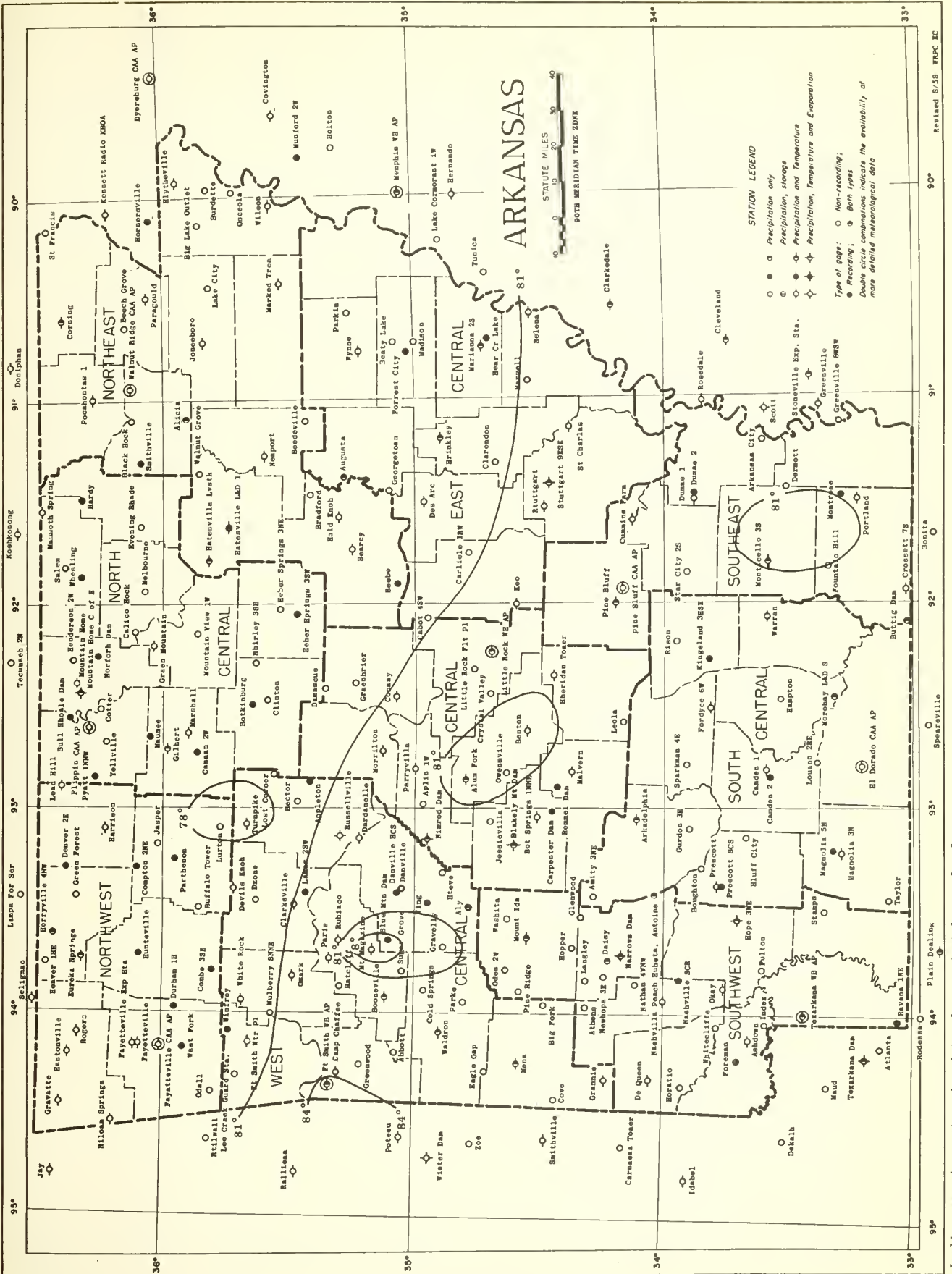
JULY 1957



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

JULY 1957



Isotherms are drawn through points of approximately equal values.

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1319, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground. Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

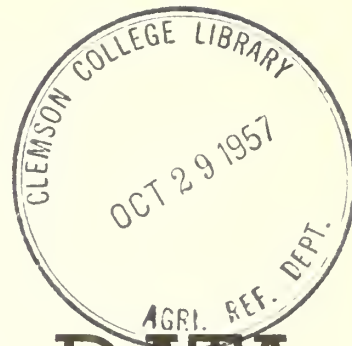
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

NWRC, Asheville, N. C. -- 8-30-57 -- 1000





30 12/51
U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief



CLIMATOLOGICAL DATA

ARKANSAS

AUGUST 1957
Volume LXII No. 8



WEATHER SUMMARY

The weather during August was favorable for crops. Soil moisture supplies were ample over most of the State and crops, especially cotton and rice, developed rapidly.

Afternoon temperatures rose to the 90's on most afternoons. The highest temperatures generally occurred on the 2d, 3d, 14th, or during the last few days. Monthly maximums were mostly in the 90's but temperatures reached 100° or higher at a few stations. The highest temperature for the State, 104°, occurred at Siloam Springs on the 14th. A cold front crossed the State on the 4th and cold continental air spread over the State for several days. Most stations registered their lowest temperatures for the month on the 6th or 7th. Monthly minimum temperatures ranged, in general, from the lower 50's over the upland counties to the upper 50's over the delta area. The lowest temperature for the State, 47°, occurred at Fayetteville Experiment Station on the 7th. Monthly mean temperatures ranged from 73.1° at Mount Magazine to 81.8° at Okay. Monthly mean temperatures were below the long-term averages at all stations. Temperature departures ranged from -0.3° at Okay to -4.0° at Conway. In general, the largest departures were over the central counties.

A few northern stations received beneficial rains on the 3d and 4th. Heavy showers fell over many north central counties from the 12th to 18th. Little rain of importance fell on other dates. The rains were very unevenly distributed over the State. Most stations in the southern sections and a few stations in the extreme north received less than two inches of rain during the month. A few stations in those areas received less than one inch. The least amount, 0.05 inch, fell at Huttig Dam. Many north central counties received more than five inches. Vicinities centered around Fort Smith, Damascus, Perryville and Paragould received more than ten inches. The greatest monthly total, 17.52 inches fell at Damascus. Monthly totals were generally less than the long-term means over the southern third of the State and along the northern boundary. Rainfall exceeded the long-term means over the wide belt between those areas. Several stations from Fort Smith on the west, eastward to Georgetown and Newport, received more than twice their long-term means and a few stations in the general vicinity of Perryville received more than three times their averages for the month of August.

At the beginning of August, soil moisture supplies were adequate to excessive over the eastern half of the State. In some areas, the ground was too wet to cultivate. The northwest and west central counties were beginning to get too dry. Needed rains fell on the 3d and 4th over some of the dry areas and crops improved accordingly.

During the second week, when little rain of importance fell, growing conditions remained ideal over the delta counties but some parts of the northwest were too dry. Some southern counties began to become dry during the third week of August. Heavy rains over some north central counties interrupted farm work but stimulated crop growth. Late feed crops, cotton, rice, soybeans, and pastures made good growth in the areas that received rain. The heaviest rains caused some flood damage. The weather during the last part of August was generally favorable for crop growth and for field work. The floods caused some crop losses in the northeast and central sections. Cool nighttime temperatures and adequate moisture benefited soybeans, hay crops, and pastures. Insects increased. At the end of August the soil moisture supplies over most sections were ample. Cotton and rice were making especially good development. In the dry southwest, however, crops deteriorated.

STORMS

Lightning destroyed a house in Franklin County on the night of the 3d and one in Conway County early the following morning. On the evening of August 5, lightning, rain, and wind caused light damage in Prairie County. One person was injured in the storm. Trees and television antennas were blown down. Fields were flooded. Strong winds caused slight damage in Mississippi County early on the 12th. Several persons saw a funnel cloud. Heavy rains on August 12 and 13 caused flash floods over a wide area. The rains occurred over Yell, Logan, Johnson, Pope, Newton, Perry, Conway, Van Buren, Searcy, Faulkner, Scott, Cleburne, Stone, and White Counties. The floods caused extensive damage to roads and bridges. Many streets and business buildings in Clarksville, Russellville, and Clinton were flooded. Two persons were drowned in Conway County where Cypress Creek overflowed. Heavy rains in eastern Greene County on the 13th and 14th caused extensive flood damage to roads. Many fields were flooded. A freight train was derailed when it attempted to move over the flooded track. Severe thunderstorms occurred in Craighead and Poinsett Counties on the afternoon of the 14th. Lightning destroyed one house and damaged another. The lightning also damaged the State Police Radio Station at Harrisburg. The wind damaged several trees and hail caused slight damage.

Lucius W. Dye
Climatologist
Weather Records Processing Center
Kansas City, Missouri

CLIMATOLOGICAL DATA

ARKANSAS
AUGUST 1957

TABLE 2 - CONTINUED

Station		Temperature											Precipitation											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days		Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days				
											Max.	Min.					Total	Max. Depth on Ground	Date	10 or More	50 or More	1.00 or More		
																							50° or Above	32° or Above
EAST CENTRAL DIVISION																								
BRINKLEY		89.0M	68.1M	78.6M		96	4	60	6	0	18	0	0	0	6.53		2.25	25	.0	0	7	4	2	
OES ARC	AM	91.8	68.2	80.0	- 1.0	97	2+	60	21	0	23	0	0	0	.56	- 2.37	.24	15	.0	0	3	0	0	
HELENA		88.9	67.2	78.1		97	3	57	6	0	14	0	0	0	4.36		1.46	13	.0	0	6	4	2	
KEO		89.6	66.2	77.9	- 2.4	95	2+	55	6	0	16	0	0	0	2.29	- .66	.72	15	.0	0	6	2	0	
MARIANNA 2 S		89.8	69.3	79.6		96	4+	60	6	0	19	0	0	0	.97		.27	25	.0	0	5	0	0	
SAIN'T CHARLES	AM	90.3	69.3	79.8	- 2.1	97	2+	60	6	0	19	0	0	0	5.98	2.87	1.40	15	.0	0	9	4	3	
STUTT GART		88.4	69.0	78.7		94	3+	61	6	0	15	0	0	0	3.51		.76	12	.0	0	8	3	0	
STUTT GART 9 ESE	AM	87.8	66.0	76.9		94	3+	55	6	0	16	0	0	0	4.59		1.60	3	.0	0	6	4	1	
WYNNE																								
				78.7	- 2.1									3.18	.22			.0						
SOUTHWEST DIVISION																								
ASHOOWN		94.1	68.3	81.2		99	2+	56	7	0	28	0	0	0	.68		.32	11	.0	0	3	0	0	
OE QUEEN		93.8	68.1	81.0		100	3	56	7	0	27	0	0	0	2.74		1.67	12	.0	0	4	2	1	
HOPE 3 NE	AM	93.5	67.0	80.3	- 1.9	100	27	59	6+	0	26	0	0	0	.41	- 2.80	.21	5	.0	0	2	0	0	
MOUNT IOA		91.4	65.2	78.3	- 1.4	99	2	52	7	0	20	0	0	0	3.34	- .24	1.63	12	.0	0	4	2	2	
NARROWS OAM	AM	93.1	66.2	79.7		98	4	55	7	0	28	0	0	0	6.25		4.67	12	.0	0	3	2	2	
NASHVILLE PEACH SUBSTA	AM	91.8	68.7	80.3		97	3+	60	7	0	21	0	0	0	5.65		4.65	12	.0	0	2	2	1	
OKAY		94.5	69.0	81.8	- 0.3	101	26	57	7	0	30	0	0	0	.91	- 1.94	.66	12	.0	0	2	1	0	
TEXARKANA W8 AP	R//	92.4	70.9	81.7	- 1.0	97	26+	61	7	0	24	0	0	0	2.10	- .78	1.36	4	.0	0	3	2	1	
				80.5	- 0.8									2.76	-.30			.0						
SOUTH CENTRAL DIVISION																								
ARKAOELPHIA		92.6	69.3	81.0		99	3	60	6+	0	21	0	0	0	2.08	- .73	1.30	17	.0	0	4	1	1	
CAMOEN 1	AM	92.1	68.5	80.3	- 1.8	97	4+	58	6	0	23	0	0	0	3.72	- 1.13	2.40	16	.0	0	4	2	1	
EL OORADO CAA AP		91.8	68.9	80.4	- 2.4	97	1+	60	6+	0	23	0	0	0	1.57	- 1.45	1.37	4	.0	0	2	1	1	
FORDYCE 6 W		91.5M	68.9M	80.2M		98	28	62	24	0	0	0	0	0	1.81		.62	16	.0	0	5	1	0	
MAGNOLIA 3 N		93.0	68.8	80.9	- 1.8	99	26	58	6+	0	25	0	0	0	.77	- 1.62	.31	16	.0	0	3	0	0	
PRESCOTT	AM	93.9	68.5	81.2	- 1.8	101	3	58	6	0	27	0	0	0	.80	- 2.00	.48	12	.0	0	2	0	0	
WARREN		92.0	69.6	80.8	- 1.8	98	2	59	6	0	22	0	0	0	3.11		1.24	16	.0	0	5	3	1	
				80.7	- 1.5									1.98	-.78			.0						
SOUTHEAST DIVISION																								
CROSSETT 7 S		91.6	68.1	79.9	- 1.5	97	28	60	6+	0	23	0	0	0	.65	- 2.50	.50	5	.0	0	2	1	0	
CUMMINS FARM		90.0	68.5M	79.3M		96	2+			0	20	0	0	0	2.23		.54	16	.0	0	6	1	0	
OMAS 1		90.5	69.1	79.8	- 2.8	96	28+	59	6	0	20	0	0	0	3.68		.61	1.39	16	.0	0	7	2	1
MONTICELLO 3 S		90.3	68.7	79.5		97	1+	59	6	0	19	0	0	0	1.23		.89	5	.0	0	2	1	0	
PINE BLUFF		91.9	70.5	81.2	- 2.1	98	3+	61	6+	0	22	0	0	0	2.66		.16	1.88	5	.0	0	3	1	1
PINE BLUFF CAA AP		90.2	68.9	79.6		97	3	60	6	0	20	0	0	0	2.44		1.44	4	.0	0	4	1	1	
PORTLAND	AM	89.9	68.1	79.0	- 2.3	95	3+	60	6+	0	17	0	0	0	1.95	- .64	1.75	16	.0	0	2	1	1	
				79.8	- 2.1									2.12	-.74			.0						

0 DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AVERAGES.

Table 5 - Continued

DAILY TEMPERATURES

ARKANSAS
AUGUST 1957

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
STUTT GART 9 ESE	MAX	90	93	94	94	88	82	91	90	92	93	90	87	84	91	91	88	83	84	86	85	85	86	89	76	89	90	89	93	92	93	88.4	
	MIN	74	75	77	75	67	61	65	67	69	71	73	73	72	71	71	71	71	70	65	66	65	65	65	68	66	66	63	66	68	71	71	69.0
SUBIACO	MAX	99	101	102	88	87	86	92	93	95	97	89	78	95	98	91	85	87	85	88	89	89	87	89	90	91	92	93	91	94	95	92	91.2
	MIN	72	72	74	73	65	58	55	69	66	69	72	68	69	73	69	72	69	70	62	64	65	64	60	69	66	65	68	64	64	69	71	67.3
TEXARKANA WB AP	MAX	95	96	96	93	87	85	88	92	94	94	90	91	93	96	93	95	87	88	89	91	90	91	91	92	96	97	96	97	96	95	89	92.4
	MIN	74	76	77	72	69	62	61	72	70	72	74	75	77	76	74	76	73	72	66	67	67	66	64	70	72	72	71	66	68	73	74	70.9
TURNPIKE	MAX	86	90	92	86	75	75	79	79	81	83	81	79	80	84	82	77	77	77	77	77	77	75	75	75	65	65	65	62	65	62	65	65.6
	MIN	69	72	74	68	59	53	59	69	68	70	65	65	67	72	66	65	65	62	65	62	60	62	62	60	62	62	65	68	65	67	69	69
WALDRON	MAX	95	100	102	97	87	84	92	93	97	98	90	84	97	101	97	93	91	85	89	90	90	88	90	91	93	96	94	95	95	94	89	92.8
	MIN	70	70	71	73	69	54	49	63	61	64	70	69	73	72	70	72	69	69	60	61	62	60	58	65	63	62	65	58	60	64	68	65.0
WALNUT RIDGE CAA AP	MAX	92	94	95	86	80	81	89	91	92	93	91	89	79	93	87	92	76	84	86	85	83	86	87	74	87	90	90	92	94	94	90	87.8
	MIN	69	72	74	68	62	57	59	68	66	70	73	75	73	74	72	75	69	64	65	65	63	62	60	65	62	64	67	64	67	68	70	67.5
WARREN	MAX	97	98	97	92	86	85	91	91	95	95	93	92	93	96	92	93	89	89	89	89	88	90	87	84	94	96	94	95	95	95	91	92.0
	MIN	75	75	76	76	68	59	63	69	71	72	74	75	76	76	71	70	71	71	64	67	64	63	66	67	68	71	63	68	67	72	70	69.6
WHITE ROCK	MAX	87	90	91	87	79	80	83	86	89	92	86	74	87	90	83	80	80	78	81	83	81	79	81	83	85	86	86	85	86	85	84	84.1
	MIN	70	73	74	69	62	57	59	69	69	70	68	67	67	72	66	67	66	64	66	64	63	64	63	67	66	71	69	66	70	70	71	67.1
WILSON	MAX																																
	MIN																																
WYNNE	MAX	91	93	94	88	79	80	91	90	93	93	92	90	82	91	89	91	80	81	84	83	83	84	89	75	87	89	90	93	92	94	91	87.8
	MIN	72	70	73	68	62	55	65	67	67	67	67	75	72	71	69	72	70	69	59	60	59	59	61	69	61	60	64	65	65	65	67	66.0

Table 6

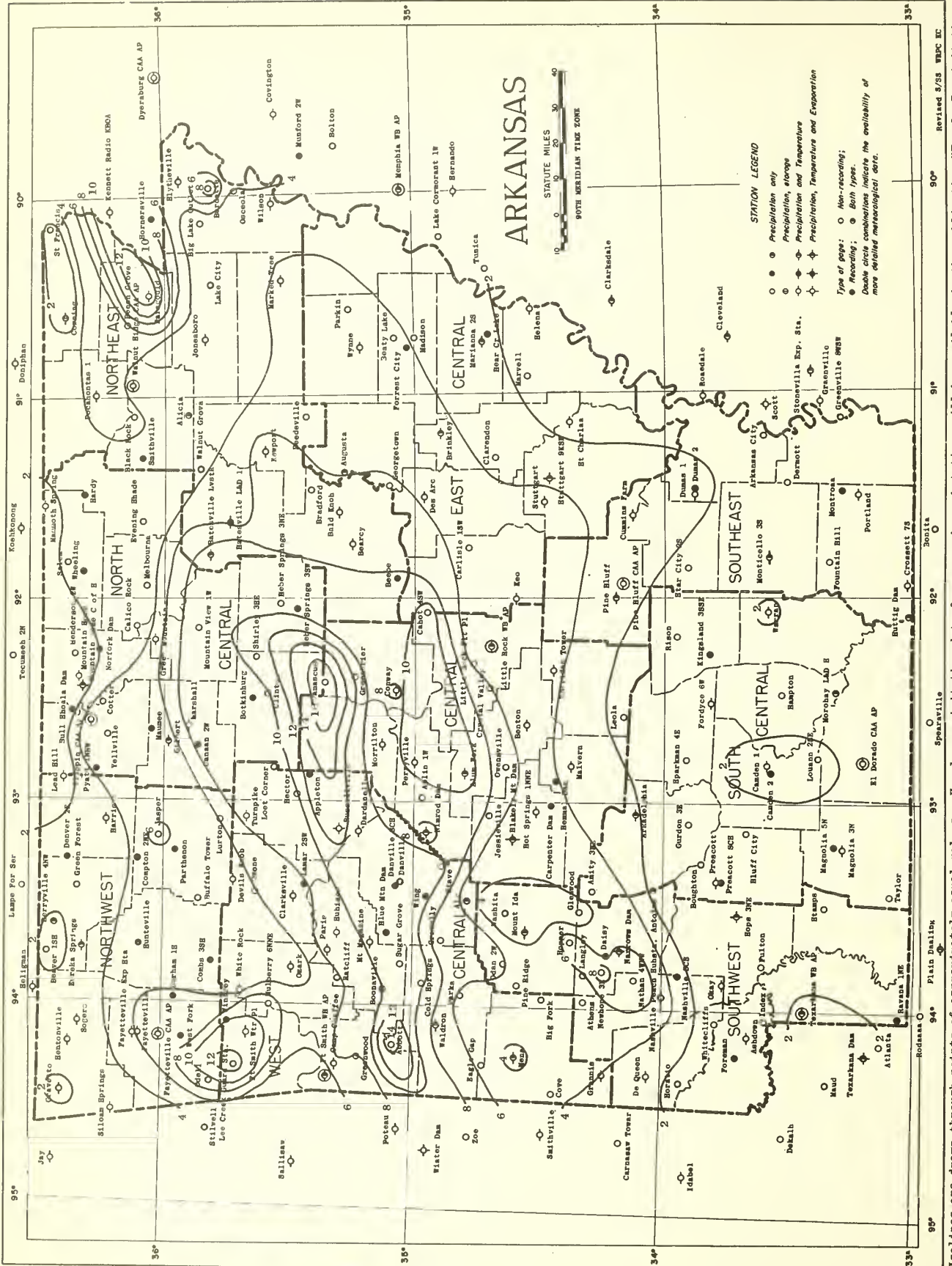
EVAPORATION AND WIND

Station		Day of month																															Total or Avg.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
BLAKELY MOUNTAIN DAM	EVAP	.20	.18	.22	.16	.24	.28	.27	.17	.27	.25	.29	-	.03	.11	.24	.11	.17	.08	.06	.15	.20	.20	.16	.18	.11	.20	.16	.20	.18	.20	.18	.20	5.658
	WIND	11	10	15	18	38	32	28	19	27	19	40	35	8	15	24	12	22	19	23	20	11	12	20	11	12	12	10	13	11	11	13	571	
HOPE 3 NE	EVAP	-	-	-	-	.31	.30	-	-	-	-	-	-	-	-	-	-	-	-	-	.27	.24	.30	.31	.24	.20	.23	.27	.34	.30	.26	.26	-	
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNTAIN HOME C OF ENG	EVAP	.22	.25	.26	.24	.21	.25	.29	.21	.27	.27	.27	.27	.17	.12	.22	.11	.20	.09	.23	.17	.20	.10	.24	.25	.10	.22	.20	.29	.22	.26	.24	6.64	
	WIND	17	9	11	16	31	24	21	13	21	11	12	28	40	13	14	5	21	24	22	7	8	9	19	16	14	9	12	24	19	22	20	532	
NARROWS DAM	EVAP	.22	.18	.30	.29	.24	.30	.31	.23	.30	.22	.29	-	.13	.14	.29	.18	.20	.34	.20	.25	.21	.21	-	.18	.15	.22	.24	.26	.25	.18	.22	7.198	
	WIND	16	12	26	32	40	29	32	29	42	26	45	50	32	23	30	20	24	24	23	20	13	16	22	12	15	14	18	17	22	15	18	757	
NIMROD DAM	EVAP	.17	.20	.21	.28	.11	.24	.24	.19	.21	.21	.25	.14	-	.13	.29	.10	.19	.10	.20	.21	.20	.23	.19	.20	.14	.22	.17	.21	-	.21	.19	6.028	
	WIND	2	6	7	25	10	23	11	19	13	28	22	27	30	25	26	6	16	16	9	11	8	11	14	13	10	8	6	8	7	7	5	429	
RUSSELLVILLE	EVAP	.25	.30	.26	.17	.30	.20	.27	.29	.24	.37	.21	-	.20	-	.05	-	.20	.18	.20	.30	.22	.19	.18	.20	.18	.25	.21	.24	.21	.11	6.878		
	WIND	9	19	1	2	12	17	12	21	6	23	24	14	13	5	13	6	10	6	4	4	12	4	6	16	7	5	12	8	9	11	16	327	
STUTT GART 9 ESE	EVAP	.14	.20	.21	.23	.13	.22	.21	.19	.22	.18	-	.34	.10	.06	.14	.10	.11	.06	.19	.18	.20	.20	.20	.18	.04	.14	.19	.21	.19	.18	.20	5.318	
	WIND	3	1	0	14	7	17	6	7	5	1	14	34	35	31	31	10	14	26	7	13	4	5	10	8	18	2	2	2	4	7	3	341	

See reference notes following Station Index.

TOTAL PRECIPITATION

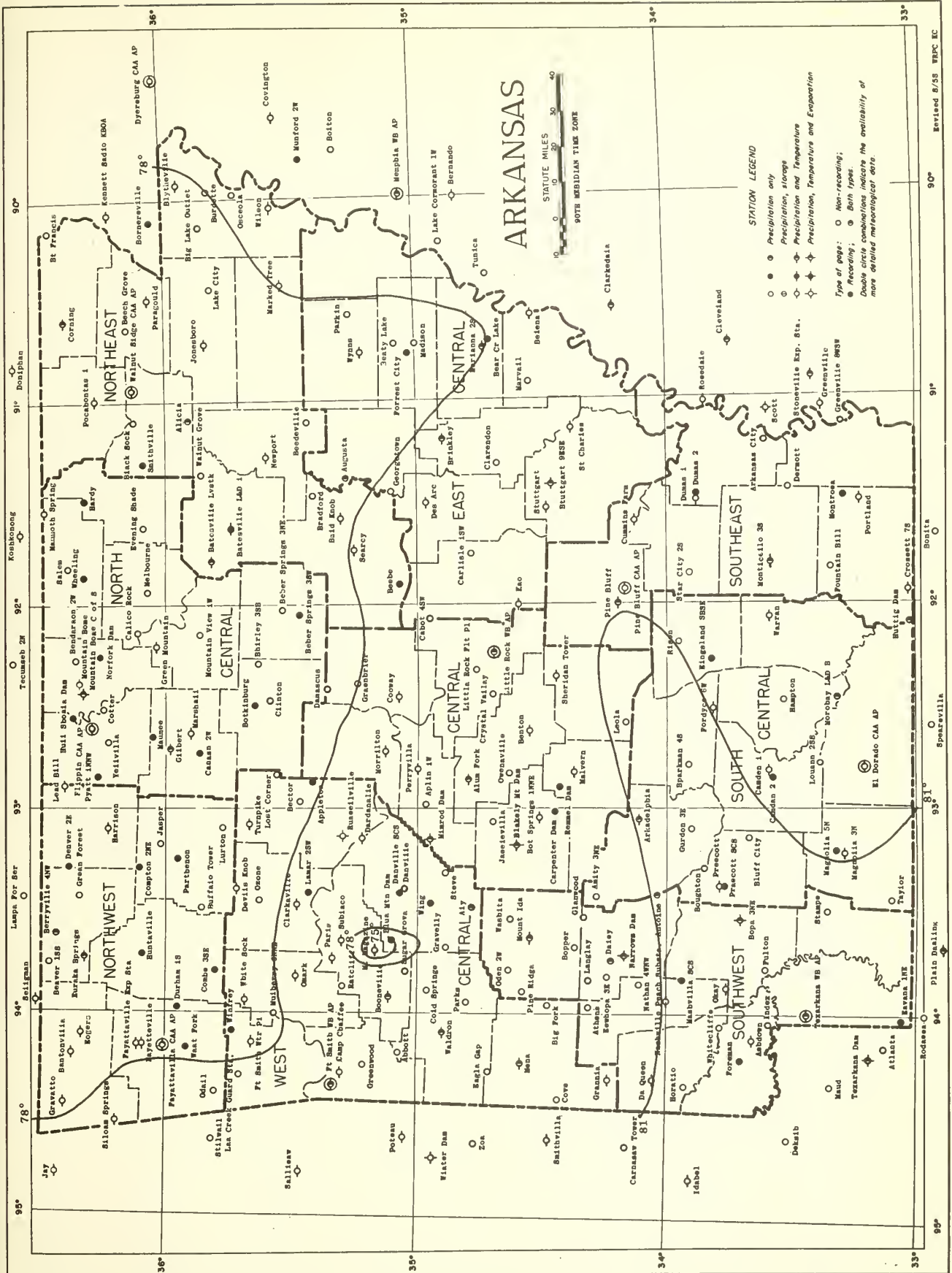
AUGUST 1957



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

AUGUST 1957



Isolines are drawn through points of approximately equal values.

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground. Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 20 cents per copy, monthly and annual: \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

NWRC, Asheville, N. C. -- 10-9-57 -- 1000





30-18/57
U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief



CLIMATOLOGICAL DATA

ARKANSAS

SEPTEMBER 1957

Volume LXII No. 9



WEATHER SUMMARY

The cool humid weather delayed the maturity of fall-harvested crops and slowed the harvest of cotton, rice, soybeans, corn, sorghums, and other crops. The planting of fall-sown small grains continued. The early seedings made excellent growth and furnished some grazing for livestock.

Most days were cool. In general, there were only two brief periods when the temperatures averaged near or above seasonal. These were the first few days and a brief period centered about the 20th. Almost all stations registered the highest temperatures during the first four days or on the 20th. Monthly maximums ranged, in general, from near 90° over the northern counties to the upper 90's over the southwest. The highest temperature for the State, 100°, occurred at Hope 3NE on the 4th. Temperatures averaged several degrees below seasonal from the 7th to 10th and from the 22d to the end of the month. Most stations registered their coldest temperatures for the month on the 24th, 29th, or 30th. Monthly minimum temperatures ranged from near 40° over the extreme northwest to the lower 50's over the Delta counties. The coldest temperature for the State, 36°, occurred at Fayetteville Experimental Station on the 29th. Monthly mean temperatures ranged from 65.6° at Fayetteville Experimental Station to 74.1° at Texarkana Airport. Monthly mean temperatures were below the long-term means at all stations. Monthly temperature departures ranged from -1.5° at Jonesboro to -5.9° at Fayetteville Experimental Station. The temperature departures exceeded -4.0° at several stations in the extreme northwest.

A few stations received generous rains on the first few days of September. Frontal activities

brought the heaviest rains to most stations on the 15th, 21st, and 22d. Light scattered showers fell on a few other dates during the first three weeks of September but little rain of importance fell after the 22d. Monthly totals ranged from 0.93 inch at Corning to 10.96 inches at Big Fork. The precipitation was quite unevenly distributed over the State. Some areas which received more than six inches of rain during September were centered around Eureka Springs, Boughton, and Monticello. A few scattered stations also received more than six inches in September. A few central and northeastern stations and Gravette in the extreme northwest received less than their long-term means. Elsewhere, precipitation averaged more than seasonal. Several scattered stations received more than twice their long-term averages.

The generous rains benefited pastures and early-sown winter grains but interfered with seeding. The cool rainy weather slowed the opening and picking of cotton and the maturing of rice and soybeans. A period of mild, sunny weather was needed to push cotton, rice, soybeans, corn, and sorghum to maturity. This was especially true over the Delta counties. Some of the late-planted crops were vulnerable to damage from early frosts. Soil moisture supplies were adequate to excessive over most of the State. A few localities needed additional moisture for small grain seeding.

Lucius W. Dye
Climatologist
Weather Records Processing Center
Kansas City, Missouri

Much of the data presented in this publication comes from observations taken by volunteer cooperative observers. These observations are mailed after the close of the month to a Weather Records Processing Center, where they are checked for accuracy and completeness and placed on punch cards. These cards are used to prepare copy for the various tables. Printing and mailing is done at the National Weather Records Center at Asheville, North Carolina.

The various steps all take time. Records for any state cannot be checked by machine until nearly all of them for that state have been received. Printing cannot be done until all the tables and the text for an issue are completed and assembled.

Constant effort is made to speed up publication and still maintain high quality of the data. A realistic deadline for mailing the printed Climatological Data has been set as the 15th of the second following month (45 days after the end of the month for which data are published). If any recipient's copy is unduly delayed, the Director, National Weather Records Center, Asheville, North Carolina, should be advised.

CLIMATOLOGICAL DATA

ARKANSAS
SEPTEMBER 1957

TABLE 2 - CONTINUED

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										90° or Above	32° or Below	32° or Below	32° or Below	0° or Below					Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
EAST CENTRAL DIVISION																								
BRINKLEY																								
OES ARC	AM	82.5	61.9	72.2		92	3+	53	29	5	5	0	0	0	3.16		1.03	2	.0	0		5	3	1
HELENA		82.0	62.5	72.3	- 2.8	92	4	52	24	4	3	0	0	0	5.92	3.35	3.89	22	.0	0		7	2	1
KEO		81.8	60.1	71.0		92	2	49	24+	7	2	0	0	0	3.03		.92	21	.0	0		6	3	0
MARIANNA 2 S		81.1	61.0	71.1	- 2.9	90	4	50	24	8	1	0	0	0	7.85	5.40	3.00	2	.0	0		8	3	3
SAINTE CHARLES	AM	82.6	63.6	73.1		92	1	53	24	1	3	0	0	0	6.00		3.25	22	.0	0		7	3	1
STUTTART		81.9	63.4	72.7	- 2.9	92	2	53	24+	1	3	0	0	0	5.55	2.77	2.45	3	.0	0		5	3	2
STUTTART 9 ESE	AM	80.5	62.6	71.6		89	1+	53	24+	5	0	0	0	0	4.27		1.84	22	.0	0		7	2	1
WYNNE		81.1	59.6	70.4		89	2+	50	23+	11	0	0	0	0	3.09		1.46	15	.0	0		4	2	2
DIVISION				71.8	- 2.5										4.86	2.21			.0					
SOUTHWEST DIVISION																								
ASHDOWN		85.8	60.6	73.2		97	4	49	24+	2	9	0	0	0	4.08		2.00	22	.0	0		6	3	1
DE QUEEN		85.1	60.1	72.6		99	4	47	29	3	7	0	0	0	7.57		3.93	22	.0	0		6	4	2
HOPE 3 NE	AM	85.3	61.6	73.5	- 2.2	100	5	51	24	3	10	0	0	0	5.71	2.99	4.33	22	.0	0		6	2	3
MOUNT IDA		82.6	57.8	70.2	- 2.4	92	1+	43	30	14	4	0	0	0	5.90	2.11	2.72	22	.0	0		6	4	3
NARROWS OAM	AM	84.7	59.9	72.3		96	5	48	30	4	7	0	0	0	7.56		4.85	22	.0	0		5	3	2
NASHVILLE PEACH SUBSTA	AM	83.7	61.6	72.7		96	5	52	24+	3	6	0	0	0	6.62		3.86	22	.0	0		6	2	2
OKAY		86.1	61.7	73.9	- 2.3	98	4	50	24+	0	9	0	0	0	4.00	.70	1.84	22	.0	0		6	2	1
TEXARKANA WB AP	R//	84.8	63.4	74.1	- 3.1	97	4	53	24	0	9	0	0	0	4.18	1.39	1.65	22	.0	0		5	3	2
DIVISION				72.8	- 1.9										5.70	2.29			.0					
SOUTH CENTRAL DIVISION																								
ARKADELPHIA		83.5	61.8	72.7		96	1	51	24	1	6	0	0	0	6.45	3.62	1.95	8	.0	0		6	4	3
CAMDEN 1	AM	84.2	61.7	73.0	- 2.6	95	3+	51	24	2	8	0	0	0	7.97	5.34	2.80	16	.0	0		7	5	3
EL DORADO CAA AP		82.8	62.9	72.9	- 4.0	95	4	51	24	1	6	0	0	0	3.96	1.55	1.30	15	.0	0		6	4	1
FOROYCE 6 W		83.8M	62.8M	73.3M		99	21	52	29	1	5	0	0	0	5.93		1.70	15	.0	0		8	5	2
MAGNOLIA 3 N		83.6	62.7	73.2	- 3.9	99	4	49	24	5	7	0	0	0	4.88	2.71	2.30	22	.0	0		5	3	3
PRESCOTT	AM	84.0	61.1	72.6	- 4.0	97	2	51	24	6	9	0	0	0	8.48	5.67	2.85	22	.0	0		8	2	2
WARREN		83.9	62.9	73.4	- 3.1	95	4	53	24+	0	6	0	0	0	7.40		2.04	22	.0	0		8	6	3
DIVISION				73.0	- 3.0										6.44	3.75			.0					
SOUTHEAST DIVISION																								
CROSSETT 7 S		82.8	63.1	73.0	- 3.0	93	4	50	24	1	3	0	0	0	10.31	8.03	4.44	3	.0	0		8	4	3
CUMMINS FARM		81.9	62.5	72.2		91	4	55	9+	0	2	0	0	0	7.57		3.12	22	.0	0		8	5	2
OUMAS 1		83.3	63.5	73.4	- 2.7	94	5	53	24	0	7	0	0	0	5.77	3.01	1.54	22	.0	0		7	4	3
MONTICELLO 3 S		82.0	62.5	72.3		93	4	50	24	1	4	0	0	0	10.01		3.20	1	.0	0		6	4	4
PINE BLUFF		83.0	63.9	73.5	- 3.7	94	2	53	24	0	6	0	0	0	5.19	2.35	2.37	22	.0	0		8	2	1
PINE BLUFF CAA AP		81.6	61.8	71.7		92	2+	51	24	0	3	0	0	0	5.34		2.03	21	.0	0		6	4	2
PORTLAND	AM	80.3	63.1	71.7	- 3.8	91	3	56	24+	1	3	0	0	0	7.00	4.68	2.10	4	.0	0		7	5	4
DIVISION				72.5	- 3.3										7.31	4.74			.0					

A survey has indicated that the comprehensive narrative weather story carried in each issue of Climatological Data is of value to only a small number of recipients. This story will be discontinued, therefore, with the January 1958 issue. A table of extremes will be carried each month and a text will be carried whenever unusual and outstanding weather events have occurred. General weather conditions in the United States for each month are described in the publications MONTHLY WEATHER REVIEW and the MONTHLY CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
STUTT GART 9 ESE	MAX	89	80	88	85	89	84	81	70	75	79	85	85	73	84	85	85	80	80	83	77	88	83	74	75	81	78	77	79	70	74	80.5	
	MIN	71	69	70	68	65	64	63	57	58	59	61	68	65	65	66	63	61	63	69	69	71	67	56	53	56	60	58	55	53	55	62.6	
SUBIACO	MAX	92	84	91	91	87	79	75	76	80	84	88	80	85	85	76	81	81	86	89	92	80	69	79	82	82	81	79	77	76	78	82.2	
	MIN	70	68	66	68	62	64	61	54	52	56	61	64	62	63	61	57	53	62	65	64	64	57	48	52	52	56	56	53	48	47	58.9	
TEXARKANA WB AP	MAX	95	92	93	97	94	86	73	79	82	85	90	81	87	88	86	84	85	86	90	93	94	70	76	82	80	83	81	78	77	78	84.8	
	MIN	73	71	70	66	66	68	64	61	59	60	64	65	68	65	66	62	62	67	65	69	68	63	57	53	59	61	60	59	55	55	63.4	
TURNPIKE	MAX																																
	MIN	65	65	63	60	59	60	56	51	52			57	58	61	63	56	56	53				50	53	50				49	49	50	56.2	
WALORON	MAX	93	88	94	92	91	86	79	76	80	85	88	85	86	86	85	82	83	87	89	91	83	70	77	85	80	81	79	78	76	77	83.7	
	MIN	68	67	67	62	59	61	58	51	49	52	56	66	62	60	63	60	51	58	62	61	66	61	47	48	52	54	54	51	46	46	57.3	
WALNUT RIDGE CAA AP	MAX	81	80	87	87	80	80	69	71	77	83	87	80	83	85	85	79	77	86	84	89	79	70	79	81	81	83	80	74	77	79	80.4	
	MIN	71	71	67	64	60	59	57	55	56	59	60	70	67	64	67	57	54	66	68	68	69	55	50	50	51	58	56	50	49	50	59.9	
WARREN	MAX	90	93	89	95	90	86	78	80	81	85	86	79	84	89	85	85	84	82	82	91	91	82	79	83	82	83	79	74	76	73	83.9	
	MIN	70	67	69	67	64	64	65	56	56	57	67	68	67	62	63	62	60	66	70	70	73	67	58	53	54	62	59	58	53	61	62.9	
WHITE ROCK	MAX	83	78	85	84	81	73	68	70	77	75	72	79	79	69	75	74	79	81	79	76	63	72	75	73	73	73	72	72	73	75.3		
	MIN	66	68	65	67	62	59	53	54	56	61	59	63	63	57	57	56	62	62	66	60	53	53	58	60	57	58	52	52	54	59.1		
WILSON	MAX																																
	MIN																																
WYNNE	MAX	83	89	89	89	81	81	76	73	72	83	87	84	85	83	85	78	81	84	89	89	84	72	77	80	82	80	77	70	75	75	81.1	
	MIN	69	70	69	65	59	57	58	54	53	53	63	62	64	61	63	61	60	66	65	67	69	63	50	50	57	53	54	53	51	50	59.6	

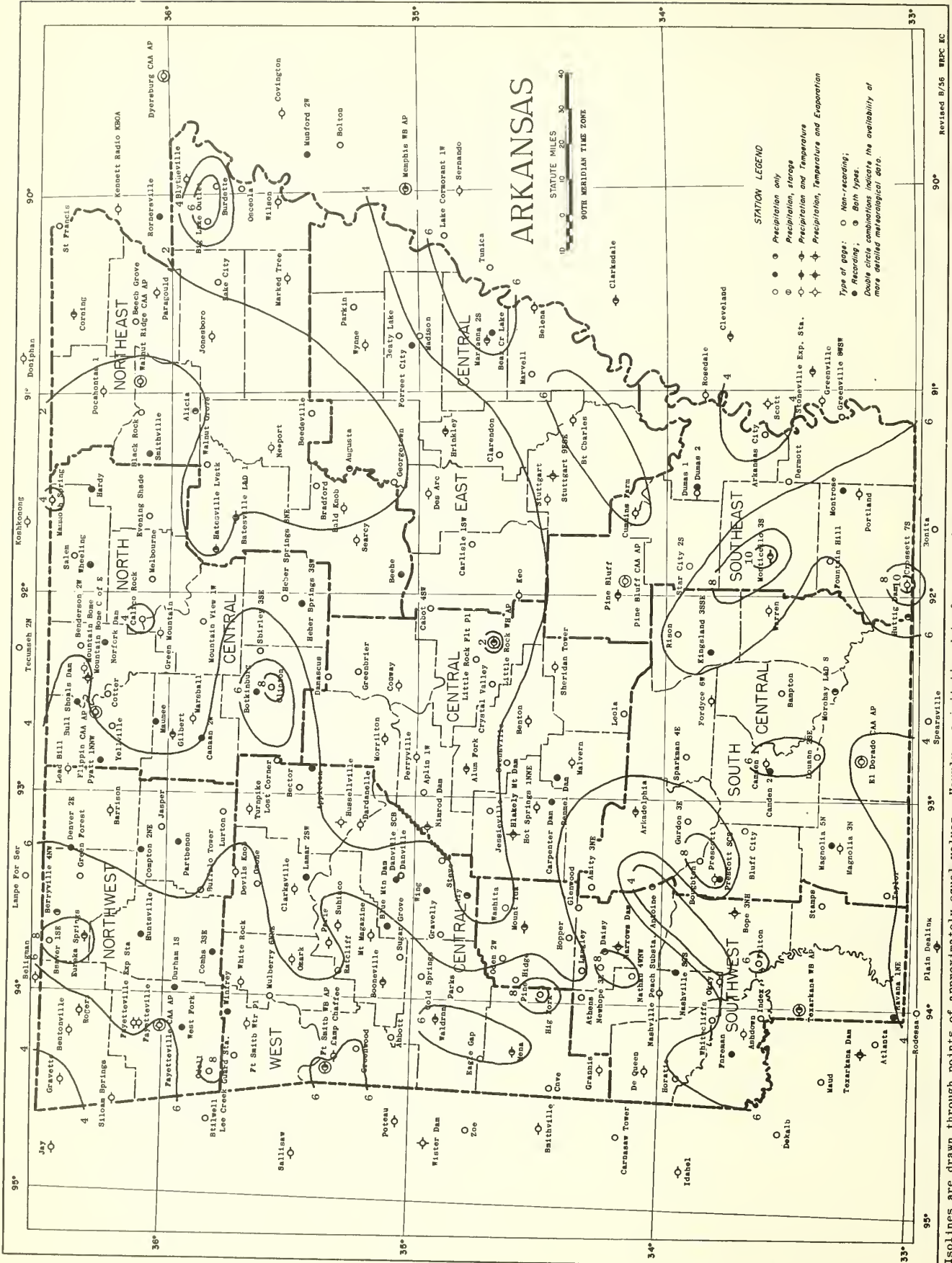
EVAPORATION AND WIND

Table 6

Station		Day of month																															Total or Avg
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BLAKELY MOUNTAIN OAM	EVAP	.14	.11	.07	.19	.20	.18	.07	.06	.15	.12	.17	.13	.08	.17	.10	.17	.07	.13	.11	.12	.14	-	.09	.12	.13	.05	.11	.17	.15	.12	3.748	
	WIND	15	17	16	10	23	14	18	21	27	13	16	17	10	11	20	24	29	18	20	17	18	22	21	18	18	4	18	46	31	29	581	
HOPE 3 NE	EVAP	.21	.07	.33	.22	.22	.31	.07	.05	-	.12	.21	.22	.07	-	.17	.20	-	.23	.15	.20	.22	-	.03	.12	.15	.14	.27	.20	.25	.15	5.288	
	WIND	30	39	7	36	53	23	33	62	46	29	31	40	17	24	32	45	64	47	49	26	34	56	33	38	16	25	59	63	75	54	1186	
MOUNTAIN HOME C OF E	EVAP	.20	.17	.06	.21	.25	.15	.08	.09	.13	.14	.17	.13	.13	.12	.17	.11	.20	.17	.16	.05	.21	.06	.08	.15	.15	.11	.18	.18	.18	.14	4.33	
	WIND	18	11	15	16	33	19	22	32	31	15	19	20	13	10	29	32	31	23	27	8	24	21	14	18	14	9	23	49	27	22	645	
NARROWS DAM	EVAP	.19	.22	.09	.21	.24	.25	.10	.05	.15	.17	.17	.21	.07	.14	.15	.22	.19	.24	.16	.14	.15	-	.09	.15	.14	.12	.17	.15	.18	.15	4.828	
	WIND	17	20	19	17	21	18	18	20	23	15	20	33	12	13	24	24	33	20	21	17	30	39	24	23	21	25	29	37	37	31	701	
NIMROD OAM	EVAP	.19	.12	.19	.10	.19	.20	.07	.04	.15	.13	.08	-	-	.17	.13	.13	.15	.14	.13	.10	.22	-	.08	.13	.14	.08	.15	.14	.14	.13	4.028	
	WIND	12	12	12	8	10	11	8	3	8	7	4	23	4	12	11	7	10	12	19	6	25	7	12	10	9	5	10	10	13	14	314	
RUSSELLVILLE	EVAP	.27	.06	.17	.23	.24	.15	.08	.11	.13	.17	.15	.10	.14	.14	.08	.11	.19	.15	.11	.14	.11	.02	.13	.15	.13	.10	.16	.17	.16	.12	4.17	
	WIND	21	5	8	9	13	10	8	11	6	10	8	5	8	7	11	9	10	14	12	10	10	5	8	5	6	8	14	11	9	11	282	
STUTT GART 9 ESE	EVAP	.11	.04	.14	.14	.15	.16	.11	.05	.12	.12	.13	.10	.01	.12	.17	.15	.14	.09	.08	.04	.16	-	.03	.09	.11	.09	.09	.11	.13	.20	3.298	
	WIND	16	12	33	25	5	4	3	4	15	1	4	67	30	8	21	12	21	20	27	7	44	55	17	10	4	1	7	45	43	28	589	

TOTAL PRECIPITATION

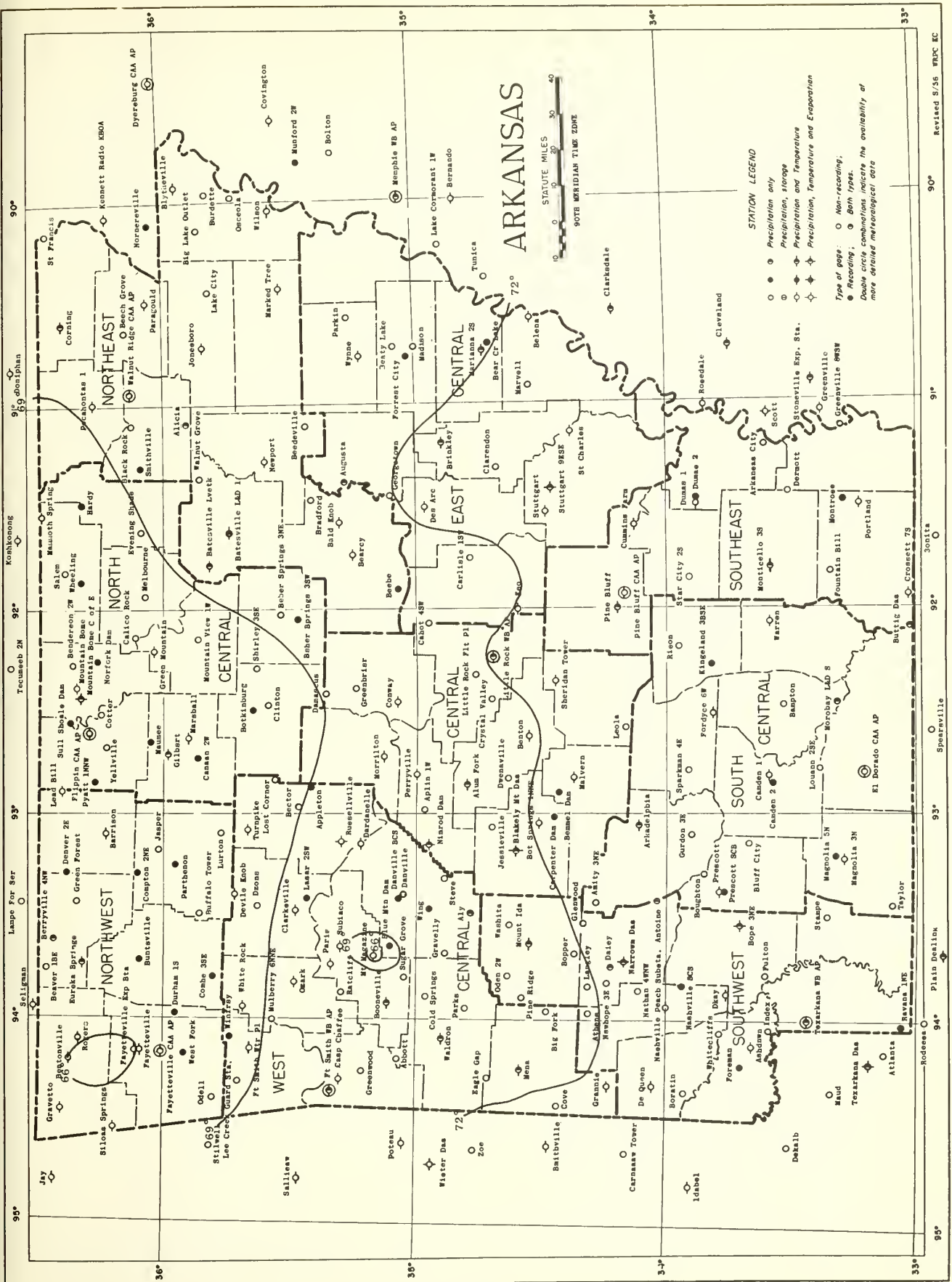
SEPTEMBER 1957



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

SEPTEMBER 1957



Isotherms are drawn through points of approximately equal values.

STATION INDEX

ARKANSAS
SEPTEMBER 1957

Table with columns: Station, Index No., County, Drainage, Latitude, Longitude, Elevation, Temp., Precip., Observer, Refer to tables. The table lists meteorological stations across Arkansas with their respective coordinates and observers.

1. DRAINAGE CODE: 1. Arkansas 2. Mississippi 3. Ouachita 4. Red 5. Saint Francis 6. Saline 7. White

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground. Entries of snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

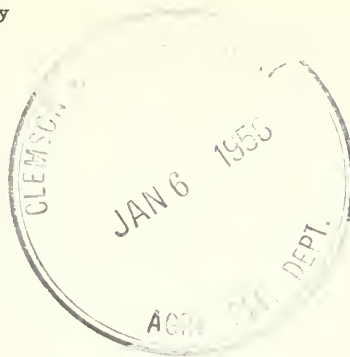
NWRC, Asheville, N. C. -- 11-5-57 -- 950





230 18/51

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief



CLIMATOLOGICAL DATA

ARKANSAS

OCTOBER 1957
Volume LXII No. 10



WEATHER SUMMARY

The unseasonably cool, wet weather slowed the maturity of fall harvested crops and the first general freezes on the 27th and 28th damaged late cotton bolls and other late crops. The rains benefited pastures and fall-seeded small grains but interrupted field work.

Temperatures averaged near seasonal during the first few days of October. All but a few stations registered their highest temperatures for the month during the first three days. Monthly maximums were mostly in the lower 80's. The highest temperature for the State, 87°, occurred at De Queen and Malvern on the 3d and at Okay on the 3d and 4th. Other mild days came at the end of the second and third weeks and at the end of the month. The brief mild periods were separated by longer cold spells. The period 24th to 29th was especially cold. All stations registered freezing temperatures on at least one morning and freezing temperatures occurred at some stations on several mornings during the cold spell. All stations except one registered their monthly minimum temperatures on the 26th, 27th, or 28th. The monthly minimums were mostly in the 20's. The coldest temperature for the State, 17°, occurred at Lead Hill on the 28th. Monthly mean temperatures ranged from 54.6° at Fayetteville Experiment Station to 62.1° at Okay and Texarkana Airport. The monthly mean temperatures were below the long-term averages for October at all stations. The temperature departures ranged from -1.9° at Perryville to -7.4° at Magnolia 3N. Temperature departures were less than -4.0° at many stations from Little Rock northeastward but were greater than -4.0° over the western and southern sections of the State. At many stations, it was one of the coldest Octobers of record.

A few scattered sprinkles fell on the 2d, 3d, 8th, 9th, 29th, and 30th but the most important amounts fell from the 13th to 16th and from the 21st to 26th. The precipitation was unevenly distributed over the State. Monthly totals ranged from 0.60 inch at Greenwood to 11.11 inches at Leola. Most upland counties received

less than five inches of rain. Most delta counties received more than five inches. The precipitation was especially heavy in the Marianna Leola, and Prescott vicinities. Several stations in those areas received more than nine inches. At the other extreme, several counties in the northwest and west central sections received less than two inches.

The rainfall totals at some of the west central and northwestern stations were less than half the long-term means. Many upland counties received less than their October averages. A few stations in the extreme southwest and several in the east central part of Arkansas received more than twice their long-term averages for October.

The weather during the first two weeks of October was mostly favorable for field work. Farmers made good progress with the harvest of corn, cotton, rice, sorghum, and soybeans, and planting winter grains. Except in a few localities, the soil moisture was adequate for the growth of winter grains and pastures. Rainy weather for several days near the middle of the month caused some interruptions of field work but benefited pastures and fall-seeded small grains. The rains promoted quick germination of the grain that had been seeded in dry soil. They promoted the growth of the early-planted fields. They furnished ample moisture for additional seeding. The strong winds which accompanied the rains caused some lodging of corn, sorghums, and soybeans in the southwestern counties. Harvest was expected to resume as soon as the weather permitted.

Freezing temperatures on the mornings of the 27th and 28th damaged late sorghum which had been planted as a "catch" crop.

Lucius W. Dye
Climatologist
Weather Records Processing Center
Kansas City, Missouri

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CLIMATOLOGICAL DATA

ARKANSAS
OCTOBER 1957

TABLE 2 - CONTINUED

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Dole	Lowest	Dole	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days			
										31° or Above	32° or Below	32° or Below	32° or Below					Total	Max Depth on Ground	Date	.10 or More	50 or More	1.00 or More	
																								Max
EAST CENTRAL DIVISION																								
BRINKLEY																								
OES ARC	AM	70.2	48.1	59.2		81	3+	28	28	197	0	0	2	0	4.75		2.60	23	.0	0		5	3	2
HELENA		70.9	51.5	61.2	- 3.8	82	2	31	28	155	0	0	1	0	4.86	2.16	1.80	16	.0	0		5	3	3
KEO		70.6	47.3	59.0		81	2+	27	28	203	0	0	3	0	9.71		3.91	23	.0	0		4	3	3
MARIANNA 2 S		70.4	48.6	59.5	- 4.1	80	2	27	28	193	0	0	2	0	8.29	5.34	4.22	16	.0	0		6	4	3
SAINT CHARLES	AM	70.5	50.4	60.5		83	3	30	28	174	0	0	1	0	7.63		3.68	16	.0	0		5	3	2
STUTTART		70.9	51.1	61.0	- 4.0	82	2	30	28	161	0	0	1	0	3.61	.66	1.23	23	.0	0		5	3	1
STUTTART 9 ESE	AM	69.2	49.0	59.1		81	3	30	28	200	0	0	1	0	5.10		2.20	23	.0	0		5	3	2
WYNNE		70.1	47.4	58.8		81	2	26	28	208	0	0	2	0	7.17		3.24	16	.0	0		5	3	2
DIVISION				59.8	- 4.1										6.39	3.46		.0						
SOUTHWEST DIVISION																								
ASHOON		73.2	49.0	61.1		85	3+	26	28	147	0	0	3	0	6.09		3.34	15	.0	0		4	3	2
OE QUEEN		73.1	48.7	60.9		87	3	26	27+	157	0	0	3	0	4.86		1.53	15	.0	0		5	4	2
HOPE 3 NE	AM	71.7	49.2	60.5	- 4.6	85	4	28	28	163	0	0	2	0	6.17	3.04	2.10	23	.0	0		5	3	3
MOUNT IOA		71.6	45.0	58.3	- 3.8	84	3	22	28	211	0	0	4	0	4.56	.98	1.90	15	.0	0		3	3	3
NARROWS OAM	AM	73.3	47.5	60.4		85	3+	27	27	160	0	0	3	0	9.01		2.93	16	.0	0		6	4	3
NASHVILLE PEACH SUBSTA	AM	71.4	50.1	60.8		85	4	27	27+	166	0	0	3	0	8.44		3.15	16	.0	0		6	4	3
OKAY		74.0	50.1	62.1	- 4.0	87	3+	27	28	129	0	0	2	0	9.17	5.85			.0	0		6	4	3
TEXARKANA WB AP	R//	72.2	51.9	62.1	- 4.9	84	3+	30	27	132	0	0	2	0	7.88	4.50	4.43	14	.0	0		5	3	3
DIVISION				60.8	- 3.7										7.02	3.55		.0						
SOUTH CENTRAL DIVISION																								
ARKAOLPHIA		72.1	50.3	61.2		84	3	29	28	152	0	0	3	0	7.85	4.41	3.10	15	.0	0				
CAMOEN 1	AM	72.2	47.8	60.0	- 5.0	84	4	28	28	177	0	0	3	0	6.86	3.90	1.93	16	.0	0		6	4	3
EL OORAO CAA AP		71.2	49.5	60.4	- 6.2	82	3	26	28	173	0	0	3	0	7.19	4.32	4.70	22	.0	0		5	2	2
FOROYCE 6 W		70.9	50.1	60.5		82	3	30	27	165	0	0	2	0	6.11		3.24	22	.0	0		4	3	2
MAGNOLIA 3 N		70.1	49.4	59.8	- 7.4	83	3	27	28	175	0	0	2	0	6.58	3.96	2.15	23	.0	0		5	4	3
PRESCOTT	AM	70.9	47.9	59.4	- 7.0	85	4	28	28+	195	0	0	3	0	9.33	6.05	5.70	23	.0	0		6	4	3
WARREN		72.1	50.4	61.3	- 5.0	83	3	27	28	153	0	0	2	0	7.25		3.64	22	.0	0		4	3	3
DIVISION				60.4	- 5.5										7.31	4.35		.0						
SOUTHEAST DIVISION																								
CROSSETT 7 S		72.7	50.2	61.5	- 4.2	82	3	26	28	148	0	0	3	0	5.41	2.75	3.49	22	.0	0		4	3	2
CUMMINS FARM		70.6	51.2	60.9		81	2	30	28	160	0	0	1	0	5.15		4.02	22	.0	0		4	2	1
OUMAS 1		71.1	50.1	60.6	- 4.8	82	2	28	28	171	0	0	2	0	4.50	1.92	1.98	22	.0	0		4	3	2
MONTICELLO 3 S		71.5	49.7	60.6		81	3	26	28	170	0	0	2	0	5.47		2.35	22	.0	0		5	2	2
PINE BLUFF		70.6	51.4	61.0	- 5.6	82	3	31	28	157	0	0	1	0	3.99	.84	1.49	23	.0	0		3	3	3
PINE BLUFF CAA AP		70.5	49.6	60.1		82	3	29	28	177	0	0	2	0	4.57		2.47	22	.0	0		4	3	2
PORTLAND	AM	69.8	49.8	59.8	- 5.5	80	4	30	28+	186	0	0	3	0	4.89	2.19	2.05	23	.0	0		5	4	2
DIVISION				60.6	- 4.8										4.85	2.14		.0						

DAILY TEMPERATURES

ARKANSAS
OCTOBER 1957

Table 5 - Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
STUTTERT 9 ESE	MAX	69	77	81	80	76	77	75	75	78	74	72	70	71	66	74	70	76	74	63	61	65	72	71	75	58	52	48	51	58	63	72	
	MIN	58	60	60	57	56	49	52	48	49	57	49	46	46	50	61	65	57	46	39	41	43	52	60	57	47	37	33	30	33	37	44	
SUBIACD	MAX	82	82	83	82	82	84	78	76	80	73	70	70	69	66	76	77	74	67	64	67	73	67	72	63	56	51	53	62	69	75	78	
	MIN	53	50	54	52	56	56	50	47	60	52	47	43	45	54	60	56	54	45	38	38	47	58	57	51	41	29	27	26	39	44	42	
TEXARKANA WB AP	MAX	81	82	84	84	82	79	79	78	76	76	73	75	76	68	67	76	77	67	65	67	74	74	74	62	55	51	54	60	66	76	81	
	MIN	55	57	60	58	58	55	56	52	60	55	55	48	51	61	62	62	58	48	44	41	53	62	62	55	41	36	30	32	41	52	49	
TURNPIKE	MAX																																
	MIN																																
WALORDN	MAX	82	84	84	85	84	82	79	79	78	71	69	74	70	69	76	79	73	73	62	67	77	71	72	66	56	49	53	63	65	77	79	
	MIN	44	46	50	49	50	51	51	47	60	57	49	41	46	55	63	59	53	40	34	33	43	60	60	53	40	31	24	22	33	43	38	
WALNUT RIDGE CAA AP	MAX	83	81	81	79	76	74	75	79	75	72	70	70	73	70	68	74	74	66	62	68	72	66	77	62	49	48	52	58	62	72	72	
	MIN	55	53	56	54	47	44	43	43	50	48	43	40	41	60	62	64	52	42	38	38	46	58	62	47	39	37	30	27	34	47	43	
WARREN	MAX	74	81	83	82	81	79	78	79	76	76	75	76	66	73	73	76	78	67	65	69	69	69	76	72	56	53	55	61	65	73	79	
	MIN	57	68	60	57	57	50	46	47	53	55	51	44	45	55	65	65	57	46	40	38	48	61	65	55	49	39	37	28	36	44	46	
WHITE RDCK	MAX	78	78	76	75	74	72	70	72	70	61	61	65	61	60	66	69	60	57	61	65	60	65	55	45	43	47	52	58	70	70		
	MIN	59	62	66	56	58	52	53	52	57	49	49	42	49	50	54	49	41	43	45	47	55	53	44	33	23	24	32	43	47	55		
WILSDN	MAX	81	82	81	78	76	74	71	79	72	71	70	70	74	77	72	71	72	63	63	69	69	65	75	72	55	49	51	58	65	66	72	
	MIN	57	58	58	56	54	49	41	43	51	53	48	46	41	59	59	63	57	40	41	42	49	59	60	45	42	34	28	36	36	41		
WYNNE	MAX	79	81	80	77	76	75	75	78	77	73	69	70	72	74	68	74	71	74	61	66	72	65	75	71	55	50	49	59	64	71	73	
	MIN	56	56	56	59	46	43	40	43	53	53	42	43	45	59	62	64	53	40	37	39	46	58	63	54	40	37	30	26	37	49	41	

EVAPORATION AND WIND

Table 6

Station		Day of month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BLAKELY MOUNTAIN OAM	EVAP	.14	.12	.12	.11	.13	.08	.10	.12	.06	.08	.10	.10	.11	.02	.04	.02	.08	.19	.17	.12	.05	.05	-	.22	.08	.10	.10	.08	.08	.04	.07	
	WIND	23	20	24	19	13	8	9	13	11	25	25	12	16	32	38	14	35	45	26	26	19	17	28	82	62	77	55	22	16	14	15	
HOPE 3 NE	EVAP	.25	.14	.14	.20	.08	.23	.16	.19	.13	.12	.15	.15	.17	-	-	-	.13	.16	.03	.13	-	-	.20	.10	.08	.10	.08	.07	.05	.09		
	WIND	34	18	5	36	13	20	12	18	21	30	51	-	-	-	10	60	12	69	39	63	40	28	3	135	87	98	52	21	10	31	10	
MOUNTAIN HOME C OF ENG	EVAP	.16	.12	.15	.15	.16	.17	.14	.15	.13	.17	.11	.11	.15	.13	.04	.04	.10	.17	.14	.11	.13	.10	.03	.21	.06	-	-	-	-	-		
	WIND	16	8	12	18	18	12	16	16	11	34	21	16	22	48	54	25	21	36	37	29	27	41	49	106	50	54	35	19	13	31	25	
NARROWS OAM	EVAP	.19	.15	.13	.14	.15	.10	.14	.13	.10	.12	.13	.14	.13	.10	-	-	.08	.15	.15	.11	.14	.06	-	.27	.10	-	-	-	.11	.04	.10	
	WIND	27	19	20	20	21	15	11	16	15	25	29	14	18	37	44	21	11	36	31	36	20	32	64	90	36	67	43	23	21	21	17	
NIMROO OAM	EVAP	.04	.23	.11	.13	.11	.13	.14	.10	.10	.09	.06	.11	.11	.04	.07	.06	.04	.12	.12	.08	.11	.09	.03	.24	.06	.03	.05	.07	.09	.08	.11	
	WIND	18	11	10	11	10	12	10	13	7	12	9	11	13	22	39	10	3	13	16	12	15	20	33	140	14	16	36	15	19	21	20	
RUSSELLVILLE	EVAP	.12	.14	.12	.13	.13	.13	.12	.11	.10	.10	.05	.13	.10	.00	.02	.06	.08	.12	.10	.12	.06	.02	.15	.10	.06	.08	.07	.05	.08	.05	.10	
	WIND	7	4	6	5	7	8	11	5	5	6	7	15	22	25	40	5	9	12	11	19	13	32	39	48	12	21	15	10	12	10	7	
STUTTERT 9 ESE	EVAP	-	.10	.06	.13	.08	.12	.10	.09	.08	.07	.11	.12	.10	.02	.08	-	.07	.13	.10	.09	.09	.01	-	.16	.06	.06	.04	*	.11	.09	.08	
	WIND	25	6	13	12	14	12	11	8	4	8	23	23	23	78	49	57	6	18	18	27	42	22	72	157	150	37	38	13	16	12	60	

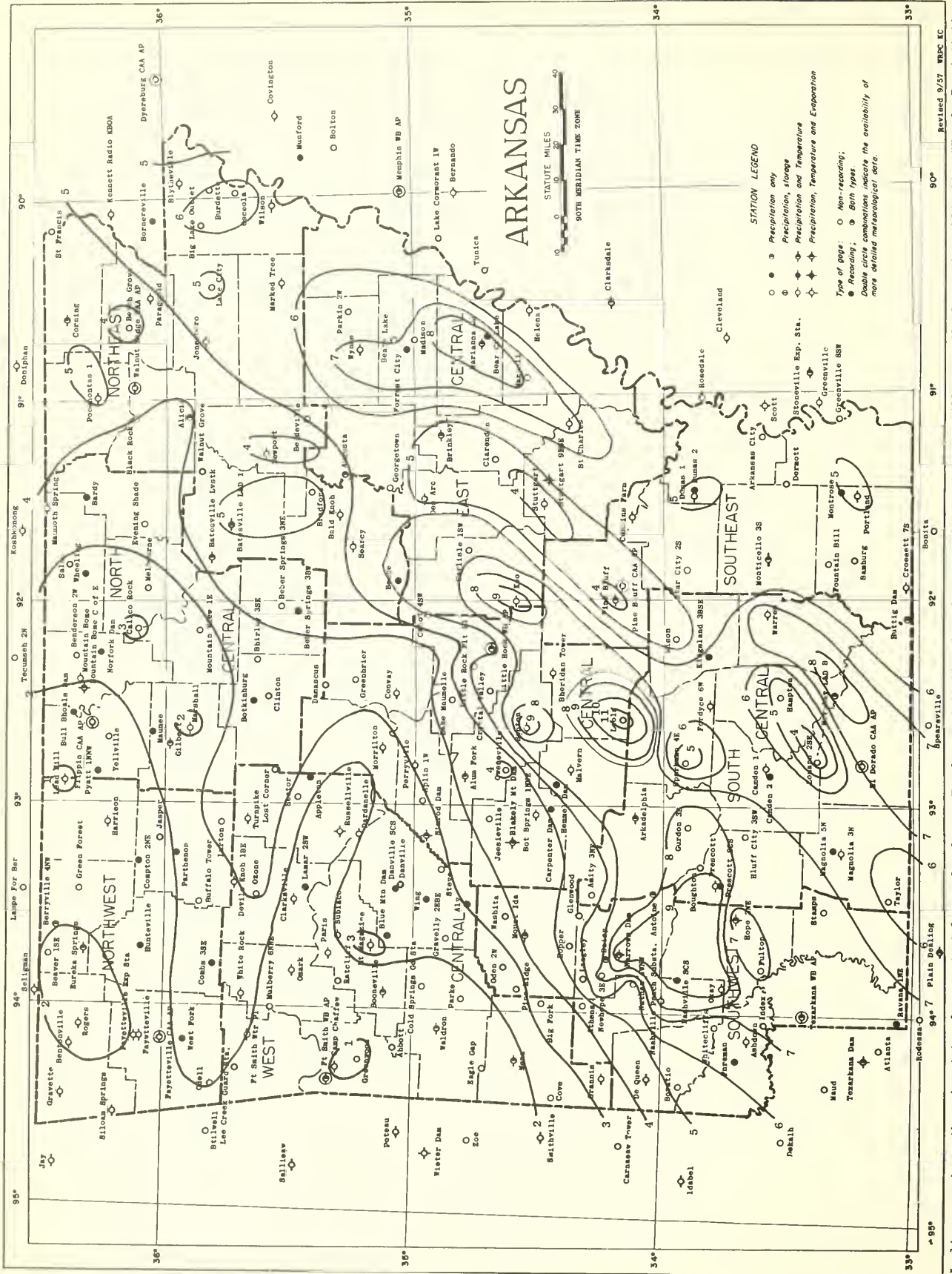
SNOWFALL AND SNOW ON GROUND

Table 7

Station		Day of month																																					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31							
DEVILS KNOB	SNOWFALL SN ON GND																																					T	T
EUREKA SPRINGS	SNOWFALL SN ON GND																																						T
FAYETTEVILLE CAA AP	SNOWFALL SN ON GND																																						T
FLIPPIN CAA AP	SNOWFALL SN ON GND																																						T
OZARK	SNOWFALL SN ON GND																																						T
ROGERS	SNOWFALL SN ON GND																																						T

TOTAL PRECIPITATION

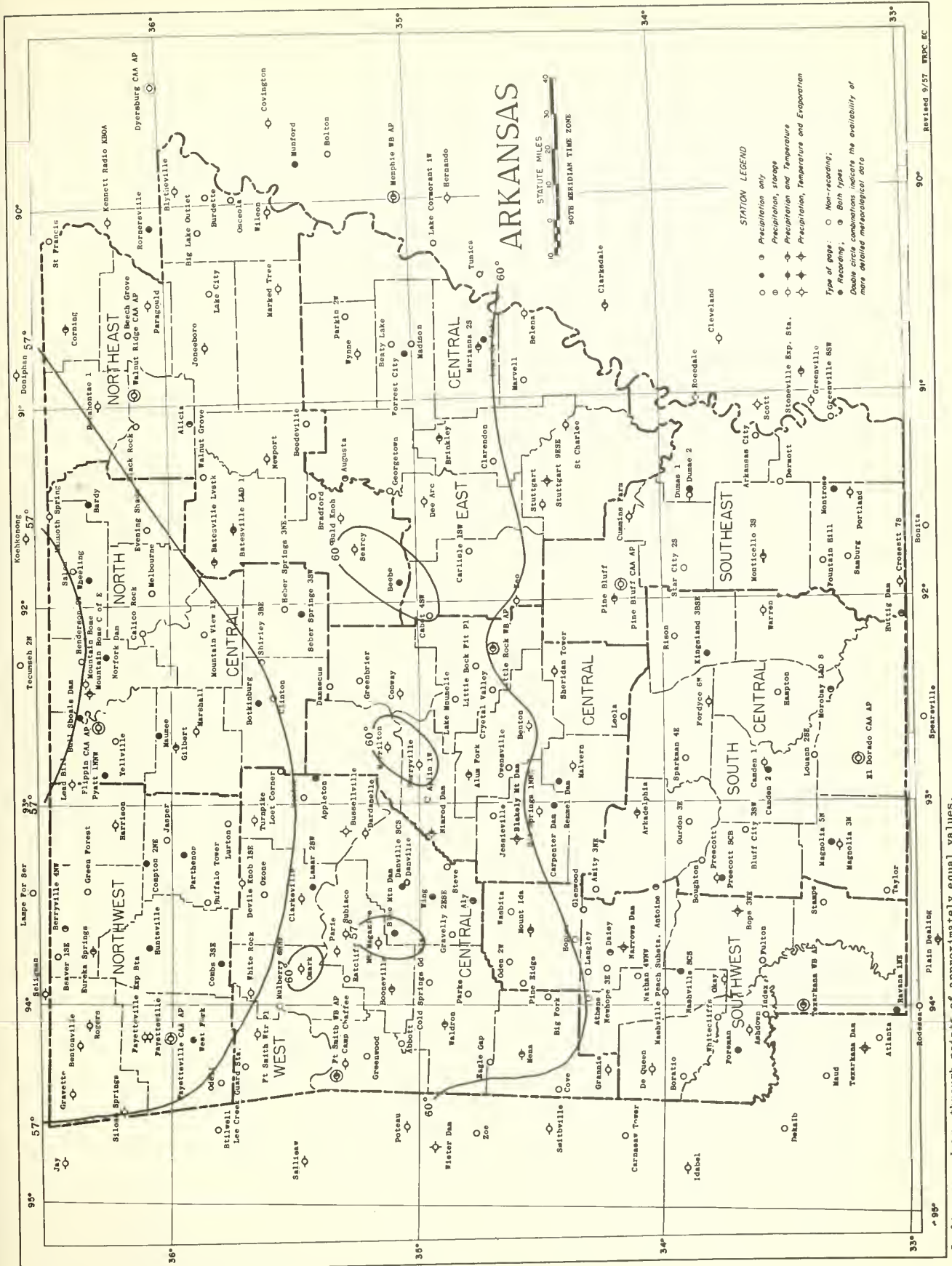
OCTOBER 1957



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

OCTOBER 1957



Isolines are drawn through points of approximately equal values.

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground. Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Show on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.





18/5:

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief



CLIMATOLOGICAL DATA

ARKANSAS

NOVEMBER 1957
Volume LXII No. 11



WEATHER SUMMARY

Most of November was cloudy and rainy. The rains flooded many fields. The rainy weather and wet fields prevented farmers from completing the harvest of their crops.

There were three mild periods in November when afternoon temperatures climbed into the upper 60's and 70's and, in a few places, into the 80's. These periods were the first few days, the 15th to 18th, and the 26th and 27th. Most stations over the State registered their highest temperatures for the month on the 1st or 2d. A few stations in the southwest registered their highest temperatures on the 17th. Monthly maximum temperatures ranged, in general, from the lower and middle 70's over the northern counties to the lower 80's at many central and southern stations. The highest temperature for the State, 85°, occurred at Perryville on the 2d. The especially cool periods were the 8th to 12th, 19th to 24th, and the last two days of November. All stations registered their lowest temperatures for the month during those periods. Monthly minimum temperatures ranged from below 20° over the northwestern counties to slightly below freezing at many southern and southeastern stations. The lowest temperature for the State, 13°, occurred at Gravette on November 23. Sub-freezing temperatures occurred on only a few days at the southern stations. The northern stations registered sub-freezing temperatures on from 10 to 14 days.

Monthly mean temperatures ranged from 44.3° at Mt. Magazine to 54.9° at Crossett 7S. Monthly mean temperatures were near the long-term means at most stations. Temperature departures ranged from -3.8° at Fayetteville Experiment Station to +2.0° at Searcy.

Light to heavy precipitation fell on many days in November. The first heavy rains of the month came on November 7. Additional heavy rains fell on November 12, 13, 17, and 18. Numerous stations received three-inch totals on some of those dates. Lighter rains fell at other times in November. Monthly totals ranged from 3.48 inches at Gravette to 15.47 inches at Hamburg.

The rainfall pattern was irregular over the State. In general, the most upland counties received from four to eight inches and most delta counties received from eight to fifteen inches. Many stations received more than fourteen inches of rain in November. The monthly totals exceeded the long-term means at all stations. Most delta stations received more than twice their long-term means. Precipitation over several northeastern counties and at two stations in the southeast exceeded three times the average amounts for November. At most stations it was one of the rainiest Novembers of record. Some stations received more rain in November 1946 than in November 1957.

Many central and southern stations received light snow flurries on November 22. Light snow occurred at some northern stations on the 29th. Monthly snowfall totals were mostly unimportant. The greatest amount, 3.0 inches, fell at Alum Fork and Jessieville.

Most days during the first three and one-half weeks of November were unfavorable for outdoor activities. Little harvesting was possible. Cotton picking was slowed. Some bolls rotted. The rains halted the soybean harvest. The rice harvest was delayed. Considerable corn remained in

the fields. The fall-seeded oats made good growth but the fields were too wet to be pastured. Plowing was impossible. Most fields to be plowed were too wet. Some cotton fields were flooded. The cotton lost grade, as did the sorghum and soybeans. Much of the alfalfa was lost due to the continued wet weather.

With field work impossible, farmers turned to sports duck shooting and deer hunting.

The farmers took advantage of the few rainless days at the end of the month to continue the harvest of cotton and soybeans. Many fields were too muddy but it was necessary to complete the harvest if possible. Some corn and rice were harvested. The livestock were in fair condition but tramped the soft, wet pastures badly.

STORMS

Heavy rains and scattered thunderstorms occurred over Arkansas on November 7. Lightning struck a beam supporting the roof of the auditorium of the high school building at Sheridan. The roof collapsed causing extensive damage to the building and equipment.

Numerous thunderstorms occurred on the 17th and 18th. They resulted in scattered damage from hail and strong winds. Some of the hailstones in Sevier County were as large as tennis balls and some of the hailstones in Montgomery County were from nine to ten inches in circumference.

FLOODS

The following information was extracted from a report furnished by Walter C. Hickmon, Meteorologist in Charge Weather Bureau Airport Station, Little Rock:

A series of severe thunderstorms on November 12 and 13 produced storm totals of from four to six inches over the Ouachita, Middle and Lower Arkansas River watershed and from one to three inches over the Arkansas and Upper White River watersheds. The rains caused rapid rises of the streams. Flooding occurred along the Lower Black Little Red, Ouachita, and Saline Rivers. A second series of thunderstorms on the 17th and 18th produced from two to five inches of rain over the Lower White, Black, and Little Red River watersheds and from one-half to one and three-quarters inches over the Ouachita River watershed. A locally heavy thunderstorm dumped nearly three inches over the Petit Jean watershed. These rains, with those of the 12th and 13th, caused flooding on the Black River at Pocahontas and the White River at Augusta and below and a second rise to above flood stage on the Little Red River. The locally heavy rains caused a brief rise to above flood stage on the Petit Jean at Danville.

Lucius W. Dye
Climatologist
Weather Records Processing Center
Kansas City, Missouri

A survey has indicated that the comprehensive narrative weather story carried in each issue of Climatological Data is of value to only a small number of recipients. This story will be discontinued, therefore, with the January 1958 issue. A table of extremes will be carried each month and a text will be carried whenever unusual and outstanding weather events have occurred. General weather conditions in the United States for each month are described in the publications MONTHLY WEATHER REVIEW and the MONTHLY CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

CLIMATOLOGICAL DATA

ARKANSAS
NOVEMBER 1955

TABLE 2 - CONTINUED

Station	Temperature													Precipitation										
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days			
										Max		Min						Total	Max Depth on Ground	Date	.10 or More	.50 or More	1.00 or More	
										91° or Above	82° or Below	82° or Below	73° or Below											
EAST CENTRAL DIVISION																								
BRINKLEY	AM	62.3M	41.2	51.8M	- 0.2	79	3	30	10+	389	0	0	4	0	11.57		2.55	13	.0	0		10	5	4
DES ARC		61.5	42.9M	52.2M		77	2	30	30	383	0	0	0	0	9.26	4.70	2.24	14	T	0		12	5	3
HELENA		61.6	41.3	51.5		79	1	28	10+	402	0	0	10	0	9.19		3.65	13	.5	0		9	5	3
KEO		61.7	41.8	51.8	0.7	77	1	29	9+	389	0	0	5	0	8.99	5.09	1.70	8	T	0		12	6	4
MARIANNA 2 S		62.2	43.6	52.9		78	2	32	9+	360	0	0	2	0	9.04		2.82	8	T	0		10	3	3
SAINT CHARLES	AM	61.9	43.5	52.7	0.5	77	1	29	30	364	0	0	2	0	8.63	4.23	2.98	18	.0	0		9	4	3
STUTTGART		60.8	43.0	51.9		76	2	31	30	385	0	0	1	0	7.98		2.33	18	T	0		11	4	3
STUTTGART 9 ESE	AM	59.6	39.9M	49.8M		75	1	27	10	460	0	0	8	0	12.39		2.46	17	.0	0		9	7	6
DIVISION				51.8	0.7									9.63	5.47			.1						
SOUTHWEST DIVISION																								
ASHDOWN		62.4M	42.2M	52.3M		80	1	28	29	385	0	0	7	0	9.24		2.02	5	.0	0		11	6	4
DE QUEEN		62.4	39.0	50.7		81	1	23	30	432	0	0	10	0	8.49		2.57	13	.0	0		10	5	3
HOPE 3 NE	AM	62.2M	42.1	52.2M	0.2	82	18	29	10+	390	0	0	7	0	8.86	4.14	3.82	13	T	0		11	6	2
MOUNT IDA		62.6M	36.9M	49.8M	0.5	83	2	23	29	485	0	0	11	0	7.75	3.46	3.10	13	.0	0		10	3	3
NARROWS DAM	AM	63.5M	38.9	51.2M		79	1+	27	10+	406	0	0	11	0	8.60		2.83	13	.0	0		8	6	3
NASHVILLE PEACH SUBSTA	AM	61.1	40.3	50.7		79	2	27	30	423	0	0	10	0	8.77		3.15	13	T	0		9	5	3
OKAY		64.2	43.6	53.9	- 0.3	81	1	30	29+	337	0	0	3	0	9.74	5.43	2.58	5	T	0		11	6	3
TEXARKANA WB AP	R//	62.7	44.7	53.7	- 1.1	82	17	30	30	348	0	0	3	0	9.65	5.32	2.20	12	1.5	1	22	8	7	4
DIVISION				51.8	0.2									8.89	4.75			.2						
SOUTH CENTRAL DIVISION																								
ARKADELPHIA		62.3	42.8	52.6		79	1+	27	30	374	0	0	6	0	11.60	7.23	6.60	13	2.0	0		11	6	2
CAMDEN 1	AM	64.6	42.4	53.5	- 0.9	83	18	29	10+	350	0	0	4	0	9.28	4.09	1.90	14	.0	0		14	8	2
EL DORADO CAA AP		62.9	44.4	53.7	- 0.7	81	17	28	10	354	0	0	5	0	11.03	6.33	3.33	13	T	0		10	6	3
FORDYCE 6 W		62.0M	42.6M	52.3M		80	1	30	30	385	0	0	3	0	9.64		1.86	13	T	0		15	8	3
MAGNOLIA 3 N		62.2	44.1	53.2	- 1.6	81	17	29	10+	365	0	0	5	0	8.47	3.72	2.44	18	.0	0		12	6	3
PRESCOTT	AM	63.1M	40.6	51.9M	- 1.3	81	18	29	30	391	0	0	6	0	10.78	6.33	5.23	13	1.5	2	23	9	5	2
WARREN		63.6M	44.7	54.2M	0.2	81	1+	28	10	346	0	0	3	0	12.94		2.75	13	T	0		16	9	5
DIVISION				53.1	0.0									10.53	5.96			.5						
SOUTHEAST DIVISION																								
CROSSETT 7 S		64.4	45.3	54.9	1.3	84	1	29	10	319	0	0	3	0	12.42	8.37	1.42	17	.0	0		17	10	7
CUMMINS FARM		62.5	43.8	53.2		80	17	29	30	360	0	0	2	0	10.28		2.29	13	T	0		14	6	4
DUMAS 1		63.9	42.5M	53.2M	0.2	80	1+	29	30	361	0	0	3	0	9.53	5.10	2.40	8	T	0		14	6	3
MONTICELLO 3 S		63.0M	42.3M	52.7M		81	1	29	9+	382	0	0	3	0	9.89		3.60	8	.0	0		12	8	2
PINE BLUFF		62.2	44.2	53.2	- 0.5	77	1	29	30	351	0	0	2	0	10.73	6.23	3.65	14	T	0		11	4	3
PINE BLUFF CAA AP		61.6	43.2	52.4		79	1+	28	30	373	0	0	3	0	10.16		3.53	13	T	0		10	6	4
PORTLAND	AM	64.5M	43.9	54.2M	0.5	81	2	31	10	322	0	0	2	0	13.98	9.82	3.30	16	T	0		15	10	5
DIVISION				53.4	0.2									11.00	6.77			T						

See reference notes following Station Index.

DAILY TEMPERATURES

ARKANSAS
NOVEMBER 1957

Table with columns: Station, Day, Of Month (1-31), and Average. Rows include stations like HOT SPRINGS 1 NNE, JONESBORO, KEO, etc., with temperature ranges for each day.

DAILY TEMPERATURES

ARKANSAS
NOVEMBER 1957

Table 5 - Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
STUTT GART 9 ESE	MAX	75	76	75	67	60	60	63	66	58	54	57	56	60	63	61	70	68	70	64	50	62	54	38	45	45	57	67	61	61	61	60.8	
	MIN	48	54	46	49	50	49	49	53	33	33	35	35	43	51	49	53	56	58	36	35	40	33	33	38	35	38	42	47	39	31	43.0	
SUBIACO	MAX	80	79	67	61	56	56	58	58	58	58	58	49	57	60	73	72	69	60	53	61	54	49	53	49	63	75	68	63	57	47	60.7	
	MIN	51	58	45	45	48	46	49	35	30	30	36	38	44	47	49	48	55	38	30	32	36	32	27	35	31	34	48	44	25	27	39.8	
TEXARKANA W8 AP	MAX	81	76	64	58	54	56	67	60	58	55	60	65	65	65	75	74	82	75	55	61	59	48	46	46	61	72	71	59	61	51	62.7	
	MIN	58	59	50	52	51	53	53	42	36	35	44	42	54	50	54	53	66	40	32	40	38	32	36	40	34	44	48	40	35	30	44.7	
TURNPIKE	MAX																																
	MIN																																
WALDRON	MAX	79	80	68	62	55	54	62	58	58	57	59	54	60	64	72	73	65	70	55	62	57	52	52	50	65	73	67	63	58	49	61.8	
	MIN	46	60	48	48	50	49	51	42	25	26	35	43	47	47	46	40	58	38	29	28	33	31	28	31	27	30	51	45	23	30	39.5	
WALNUT RIDGE CAA AP	MAX	73	71	61	59	58	58	58	56	52	51	53	53	60	61	66	68	57	63	49	60	54	40	45	55	56	69	62	58	54	40	57.3	
	MIN	40	50	46	48	44	41	47	38	30	26	30	37	52	49	48	48	50	40	34	37	34	34	29	33	31	37	48	37	29	25	39.1	
WARREN	MAX	81	79	75	65	55	63	69	65	58	57	59	52	62	68	70	76	81	75	54	61	60	50	47	45	59	72	63	62	66	58	63.6	
	MIN	57	64	50	51	51	50	56	51	32	28	37	35	52	50	48	63	64	48	38	36	38	34	34	40	36	40	44	52	34	29	44.7	
WHITE ROCK	MAX	70	70	57	51	50	49	54	51	51	50	48	46	55	54	65	67	60	60	45	53	46	40	49	50	54	65	60	53	45	42	53.7	
	MIN	55	51	41	42	42	41	42	33	31	35	34	38	42	43	45	47	49	29	24	36	31	27	25	35	35	47	43	35	30	19	37.6	
WILSON	MAX	76	76	67	58	61	62	61	58	51	49	54	54	59	71	72	69	69	69	50		50	43	43	45	52	67	63	60	49	46	58.8	
	MIN	40	57	50	48	49	49	51	51	35	26	30	32	44	48	43	51	50		35	35	34	32	33	33	31	39	46	41	32	21	40.2	
WYNNE	MAX	75	72	73	60	59	61	64	63	53	51	48	50	62	62	70	70	64	70	50	61	53	45	43	50	56	68	63	62	57	52	59.6	
	MIN	43		40	42	47	43	47	46	29	27	32	32	50	52	52	49	54	48	37	35	33	33	31	32	31	39	47	45	33	28	39.9	

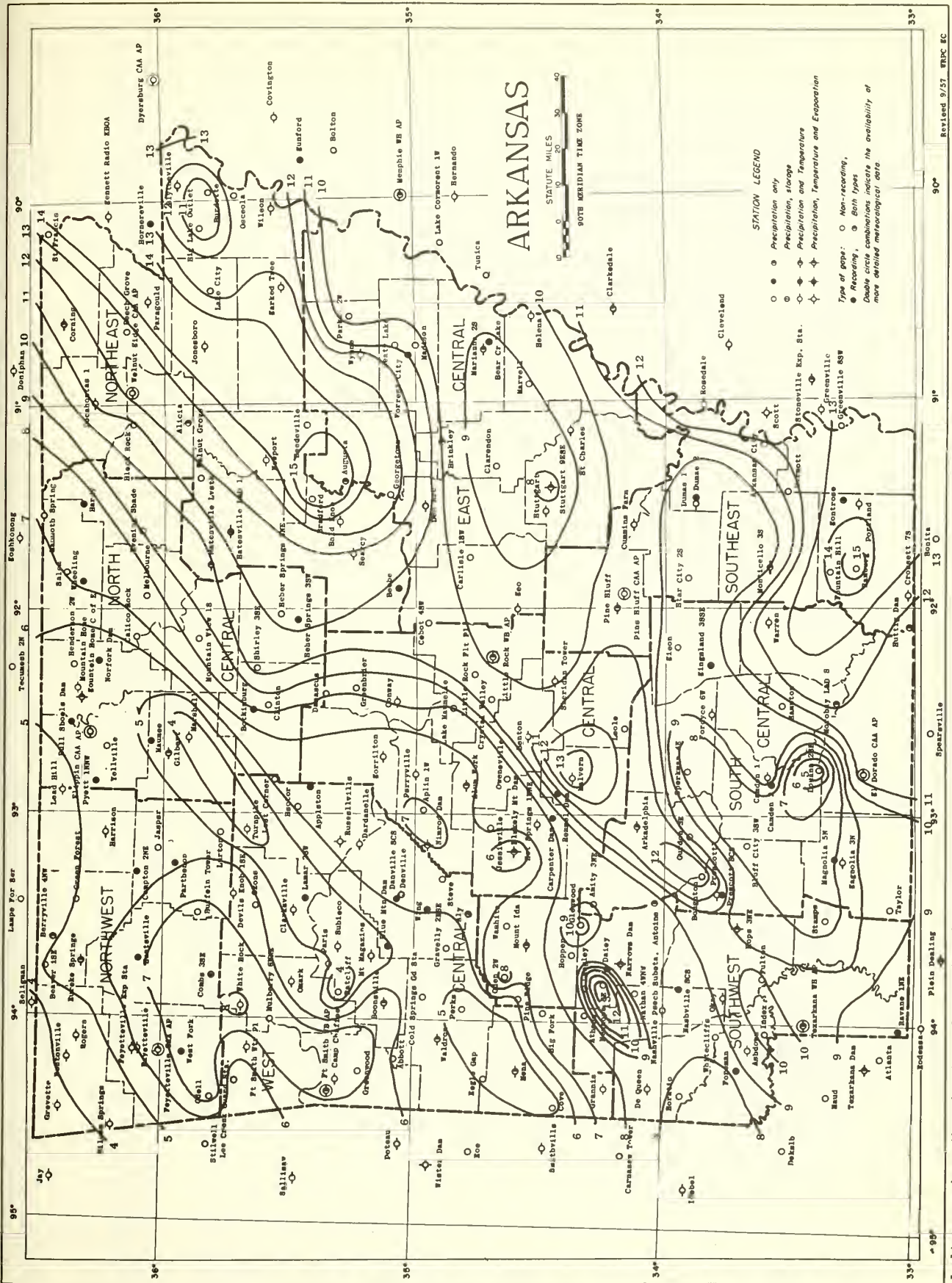
EVAPORATION AND WIND

Table 6

Station		Day of month																															Total for	Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
BLAKELY MOUNTAIN DAM	EVAP	.06	.02	.10	.12	.05	.06	.00	.04	.13	.07	.08	.07	-	.01	.04	.00	.06	.01	.06	.04	.04	.04	-	.04	-	.04	.06	.07	.04	.13	1.648		
	WIND	8	14	49	26	17	17	27	40	55	17	20	23	36	27	14	12	20	35	64	21	16	50	31	19	38	16	14	44	34	94	898		
HOPE 3 NE	EVAP	.12	-	.09	.10	-	-	-	-	.19	.07	.12	-	-	-	.04	-	.06	-	-	.08	.06	-	-	-	.03	.06	.09	.12	-	-	-		
	WIND	30	10	51	40	51	70	24	31	53	28	53	37	44	26	22	27	57	52	24	50	39	98	64	19	53	18	32	35	46	88	1272		
NARROWS DAM	EVAP	.10	.05	.07	.07	.01	.05	.00	-	.13	.07	.08	.20	-	.00	.08	.01	.02	.02	.11	.12	.02	.09	.04	.04	.03	.03	.07	.08	.09	.06	1.868		
	WIND	19	21	29	24	12	17	16	60	41	21	17	24	31	18	19	27	26	56	90	22	22	39	35	20	33	13	21	52	26	88	939		
NIMROD DAM	EVAP	.07	.07	.12	.13	.00	.09	.02	.07	.14	.09	.07	.08	-	-	-	.08	-	.05	.08	.05	.12	.03	.04	.05	.04	.09	.11	-	-	-	2.208		
	WIND	10	20	59	13	4	3	8	62	65	23	19	5	16	45	27	25	10	33	175	43	5	16	3	15	35	8	49	54	44	96	990		
RUSSELLVILLE	EVAP	.08	.08	.10	.04	.02	.08	-	.10	.06	.08	.07	.02	-	.03	.03	.07	.05	-	.05	.06	.06	.06	.04	.02	.03	.05	.04	.06	.06	.06	1.678		
	WIND	16	18	16	2	6	22	13	57	15	19	19	26	12	38	17	14	18	56	59	10	9	13	4	9	-	-	-	-	-	-	6108		
STUTT GART 9 ESE	EVAP	.08	.10	.04	.07	.04	.13	.01	*	.07	*	.13	.07	-	-	.04	.04	.06	-	.11	.06	.04	.06	.04	.04	.03	.00	.04	.06	.03	.06	1.638		
	WIND	11	43	34	19	10	43	39	154	71	19	33	26	123	112	45	67	25	117	212	53	21	61	95	12	23	32	59	109	42	93	1803		

TOTAL PRECIPITATION

NOVEMBER 1957

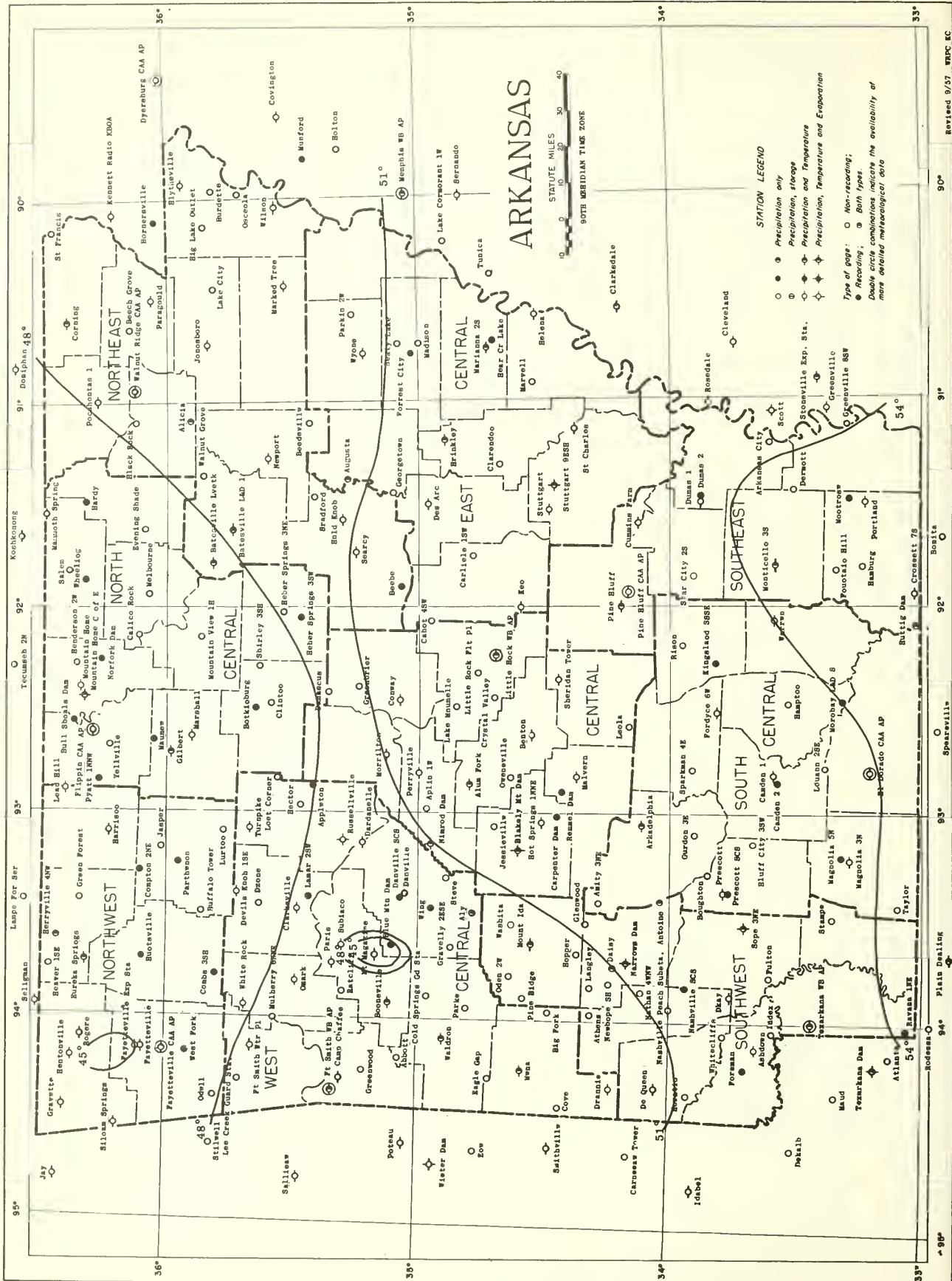


Revised 9/57 WPC EC

Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

NOVEMBER 1957



Isolines are drawn through points of approximately equal values

Revised 9/57 WPC EC

STATION INDEX

ARKANSAS
NOVEMBER 1957

Table with columns: Station, Index No., County, Drainage, Latitude, Longitude, Elevation, Observ. time, Observer, Refer to tables, Station, Index No., County, Drainage, Latitude, Longitude, Elevation, Observ. time, Observer, Refer to tables.

DRAINAGE CODE: 1. Arkansas 2. Mississippi 3. Ouachita 4. Red 5. Saint Francis 9. Saline 7. White

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground. Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

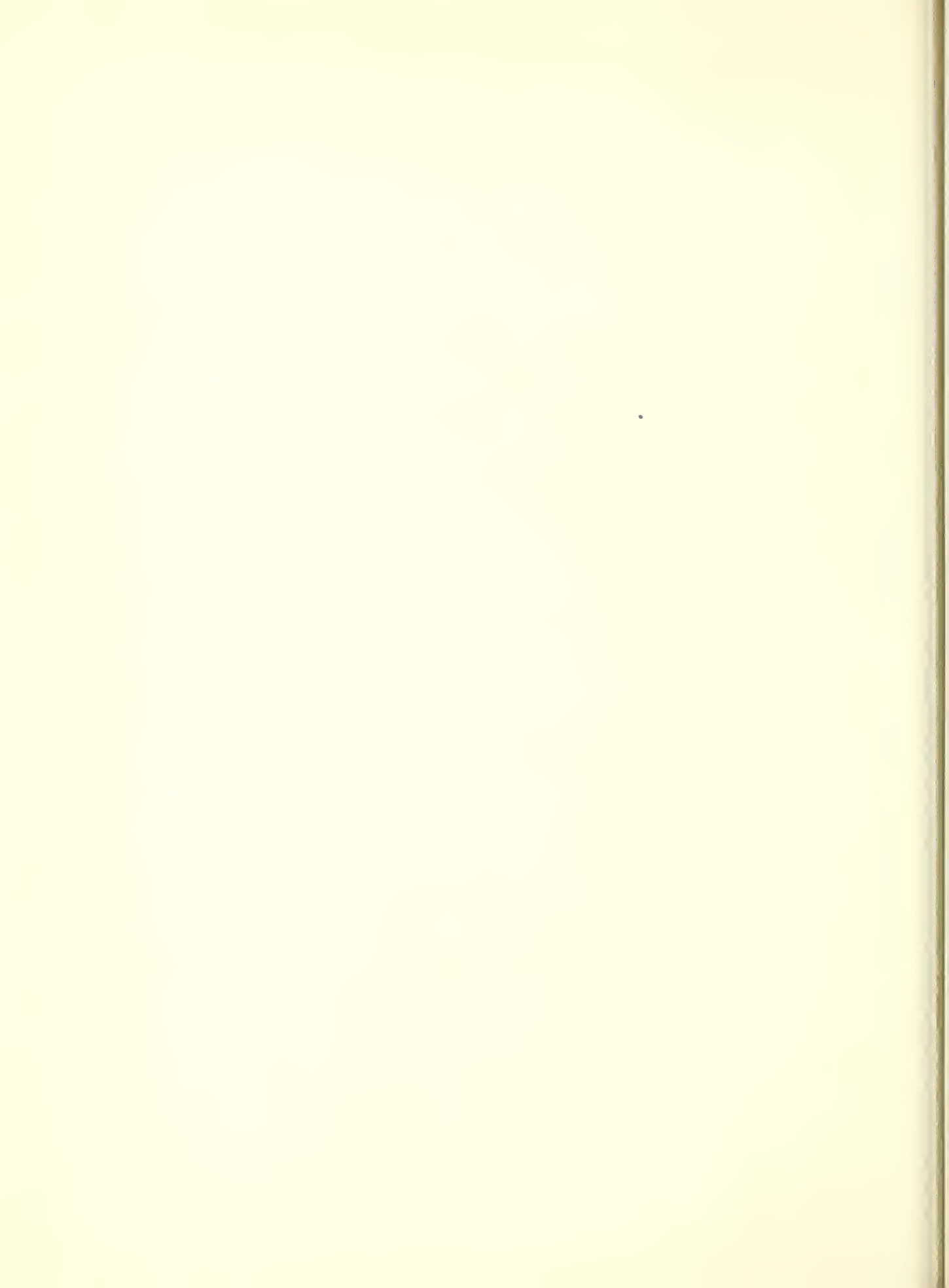
Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

USCOMM-WB-Asheville -- 1-9-58 -- 950



130.18/5
U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief



CLIMATOLOGICAL DATA

ARKANSAS

DECEMBER 1957

Volume LXII No. 12



WEATHER SUMMARY

The mild, sunny weather during the latter half of December enabled the farmers to gather the remnants of corn, cotton, and rice and to do some plowing. Rainfall was less than average for December at most stations. The December totals, added to the heavy amounts of previous months, brought the annual totals for some stations to new high record amounts.

Early morning temperatures at the beginning of December were near freezing and afternoon temperatures were in the lower 60's. Those conditions are about average for December 1. Southerly winds during the latter part of the first week brought the afternoon temperatures into the upper 60's and held nighttime lows in the 50's. Northerly winds and cooler weather spread over the State during the second week. Minimums on the 11th and 12th were mostly between 10° and 20°. Almost all stations registered their lowest temperatures for the month on those dates. The coldest temperature for the State, 4° above zero, occurred at Mount Magazine on the morning of the 11th.

The weather warmed rapidly at the end of the second week. The period, 15th to 19th, was especially mild. Afternoon temperatures on those days were generally in the upper 60's and 70's. Almost all stations registered their highest temperatures for the month during that period. The warmest temperature for the State, 76°, occurred at DeQueen, Magnolia 3N, and Okay on the 18th. Temperatures dropped to near seasonal during the last few days of December.

Monthly mean temperatures ranged from 42.7° at Mount Magazine to 52.1° at Okay. Monthly mean temperatures were above the long-term means at all stations. Temperature departures ranged from +1.5° at Magnolia 3N and Portland to +6.2° at Marked Tree. Monthly mean temperatures at most stations were between four and six degrees above the long-term means.

Light rain fell on many days in December. Most stations in the northwest received their heaviest rains on the 25th. Elsewhere, the most generous amounts fell on the 6th or 7th. Snow flurries fell over numerous northern counties and at a few scattered stations in other sections on the 8th. In most cases, amounts were of little importance. The greatest amount, 3.0 inches, fell at White Rock. Monthly precipitation totals ranged from 0.61 inch at Flippin CAA Airport to 6.53 inches at Sheridan Tower. The monthly totals were generally less than three inches over the northwestern counties but exceeded that amount over other parts of Arkansas. The amounts exceeded the long-term means over the northeastern and east central sections but were less than the long-term means at most stations elsewhere.

Although the December precipitation totals were less than the long-term means at most stations, they were sufficient to bring the annual totals well above the annual means. Thus, 1957 was one of the rainiest years of record at many stations and the annual totals at some stations set new high records.

The first five days of December were bright and sunny. The farmers returned to the fields, combined rice and soybeans, and picked corn and cotton. Other activities included butchering, fencing, clearing brush and cutting wood. The second week of December was favorable for outdoor work. Field work made considerable progress but it was too cold for good germination of recently planted small grains. The grains and cover crops progressed slowly. The third and fourth weeks of December were unseasonably mild and many farmers completed the gathering of remnant cotton and corn. Light rains fell on most days from the 24th to the end of December. The rainy weather and the holiday season brought most farm activities to a standstill. Livestock were in good condition at the end of the year.

STORMS

Shortly after noon on December 19, a tornado damaged or destroyed several dwellings and other buildings along a 15-mile path between Waldo and McNeil. Two persons were killed and nine were injured. About mid-afternoon on the same date, a tornado damaged buildings on several farms in Jefferson County. In the evening, same date, strong winds caused slight damage in a lumber yard near the south edge of Batesville.

FLOODS

Locally heavy thunderstorms on December 17 and 18 sent the Black River above flood stage at Black Rock. The Lower White River continued above flood stage from November to December 15 at Clarendon and to December 18 at St. Charles. Flood damage in December was of little importance. The flooding in previous months had caused considerable damage to fields and crops and left little that could be hurt by the high waters in December.

Lucius W. Dye
Climatologist
Weather Records Processing Center
Kansas City, Missouri

A survey has indicated that the comprehensive narrative weather story carried in each issue of Climatological Data is of value to only a small number of recipients. This story will be discontinued, therefore, with the January 1958 issue. A table of extremes will be carried each month and a text will be carried whenever unusual and outstanding weather events have occurred. General weather conditions in the United States for each month are described in the publications MONTHLY WEATHER REVIEW and the MONTHLY CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

CLIMATOLOGICAL DATA

ARKANSAS
DECEMBER 1957

TABLE 2 - CONTINUED

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days			
										Max		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More	
										80° or Above	Below	32° or Below	0° or Below											
EAST CENTRAL DIVISION																								
BRINKLEY																								
DES ARC	AM	58.1	37.2	47.7		71	16	17	11	529	0	0	8	0	4.82		2.00	7	.0	0		9	2	1
HELENA		58.3	40.7	49.5	4.5	69	16+	18	11+	473	0	0	7	0	4.92	- .01	1.93	7	.0	0		8	3	2
KED		60.3	38.1	49.2		73	15+	16	12	481	0	0	12	0	5.01		1.53	6	.0	0		6	3	2
MARIANNA 2 S		58.8	38.1M	48.5M	4.6	70	16	16	12	506	0	0	11	0	4.61	- .13	1.35	7	.0	0		10	4	1
SAINT CHARLES	AM	58.7	39.5	49.1		70	16	19	12	486	0	1	6	0	4.22		2.03	7	.0	0		7	3	1
STUTTART		60.4	40.5	50.5	5.4	71	15	18	12	445	0	0	6	0	4.80	- .05	2.00	7	.0	0		6	4	1
STUTTART 9 ESE	AM	57.0	38.3	47.7		69	16+	19	12	531	0	1	7	0	4.08		1.64	7	.0	0		5	2	1
WYNNE		57.8	39.4	48.6		68	18	15	12	499	0	0	6	0	4.70		1.21	7	.0	0		9	4	1
DIVISION				48.9		4.9									4.65		.13		.0					
SOUTHWEST DIVISION																								
ASHDDWN		62.3	39.3	50.8		74	18	16	12	439	0	0	11	0	2.84		.96	25	.0	0		6	2	0
DE QUEEN		62.8M	37.9M	50.4M		76	18	14	12	452	0	0	0	0	3.02		1.30	7	.0	0		7	1	1
HDPE 3 NE	AM	60.7	37.3	49.0	3.8	75	19	16	12	490	0	0	10	0	2.74	- 1.87	1.26	7	.0	0		5	2	1
MDUNT IDA		60.3M	36.4M	48.4M	6.0	72	18	9	12	511	0	0	14	0	2.39	- 2.23	.69	7	.0	0		7	1	0
NARRDWS DAM	AM	60.7	31.9	46.3		74	19	12	12	574	0	0	21	0	3.37		1.57	7	.0	0		7	2	1
NASHVILLE PEACH SUBSTA	AM	59.5	35.7	47.6		73	19	14	12	529	0	0	15	0	3.23		1.67	7	.0	0		3	2	1
OKAY		63.8	40.4	52.1	5.1	76	18	16	12	401	0	0	10	0	2.87	- 1.50	.93	6	.0	0		5	2	0
TEXARKANA W8 AP	R//	61.4	41.5	51.5	3.5	75	18	20	11	417	0	0	4	0	2.93	- 1.91	.90	6	.0	0		5	3	0
DIVISION				49.5		4.7									2.92		- 1.18		.0					
SOUTH CENTRAL DIVISION																								
ARKADELPHIA		61.3	39.7M	50.5M		73	18	16	12	447	0	0	12	0	3.35	- 1.29	1.85	7	.0	0		7	1	1
CAMDEN 1	AM	62.3	36.6	49.5	3.6	74	16	18	12	474	0	0	14	0	4.13	- 1.15	2.00	7	.0	0		6	2	1
EL DORADO CAA AP		61.4	39.3	50.4	2.7	75	18	15	12	453	0	0	10	0	4.14	- 1.58	1.70	6	.0	0		5	3	1
FOROYCE 6 W		61.5M	41.4M	51.5M				18	12	415	0	0	4	0	4.98		1.37	7	.0	0		4	2	
MAGNDL IA 3 N	AM	60.5M	39.9M	50.2M	1.5	76	18	16	12	454	0	0	8	0	4.01	- 1.34	1.88	7	.0	0		6	3	2
PRESCDTT	AM	60.5	36.8	48.7	2.6	75	19	15	12	505	0	0	15	0	2.62	- 1.93	1.47	7	T	0		5	1	0
WARREN		61.5	40.4	51.0	3.7	72	18	16	12	436	0	0	7	0	4.09		1.16	7	.0	0		9	3	1
DIVISION				50.3		4.1									3.90		- 1.03		T					
SOUTHEAST DIVISION																								
CROSSSETT 7 S		63.6	40.0	51.8	4.7	72	15+	15	12	407	0	0	10	0	3.24	- 2.73	1.12	7	.0	0		7	3	1
CUMMINS FARM		60.6	41.0M	50.8M		70	15+	19	12	435	0	0	0	0	3.92		1.50	7	.0	0		6	3	1
DUMAS 1		61.6	40.1	50.9	4.6	70	15+	18	12	430	0	0	9	0	4.39	- 1.20	1.10	7	T	0		9	4	1
MONTICELLO 3 S		62.6	39.6	51.1		70	15+	14	12	424	0	0	8	0	4.04		1.39	7	.0	0		8	3	1
PINE BLUFF		61.3	41.4	51.4	5.0	72	15+	19	12	417	0	0	4	0	3.83	- 1.16	2.17	7	.0	0		5	1	1
PINE BLUFF CAA AP		60.1	39.2	49.7		72	15+	17	12	468	0	0	7	0	4.22		2.13	6	.0	0		7	2	1
PORTLANO	AM	61.1	37.5	49.3	1.5	72	16	19	12	482	0	0	11	0	3.00	- 2.24	1.22	7	.0	0		5	3	1
DIVISION				50.7		4.3									3.81		- 1.38		T					

DAILY TEMPERATURES

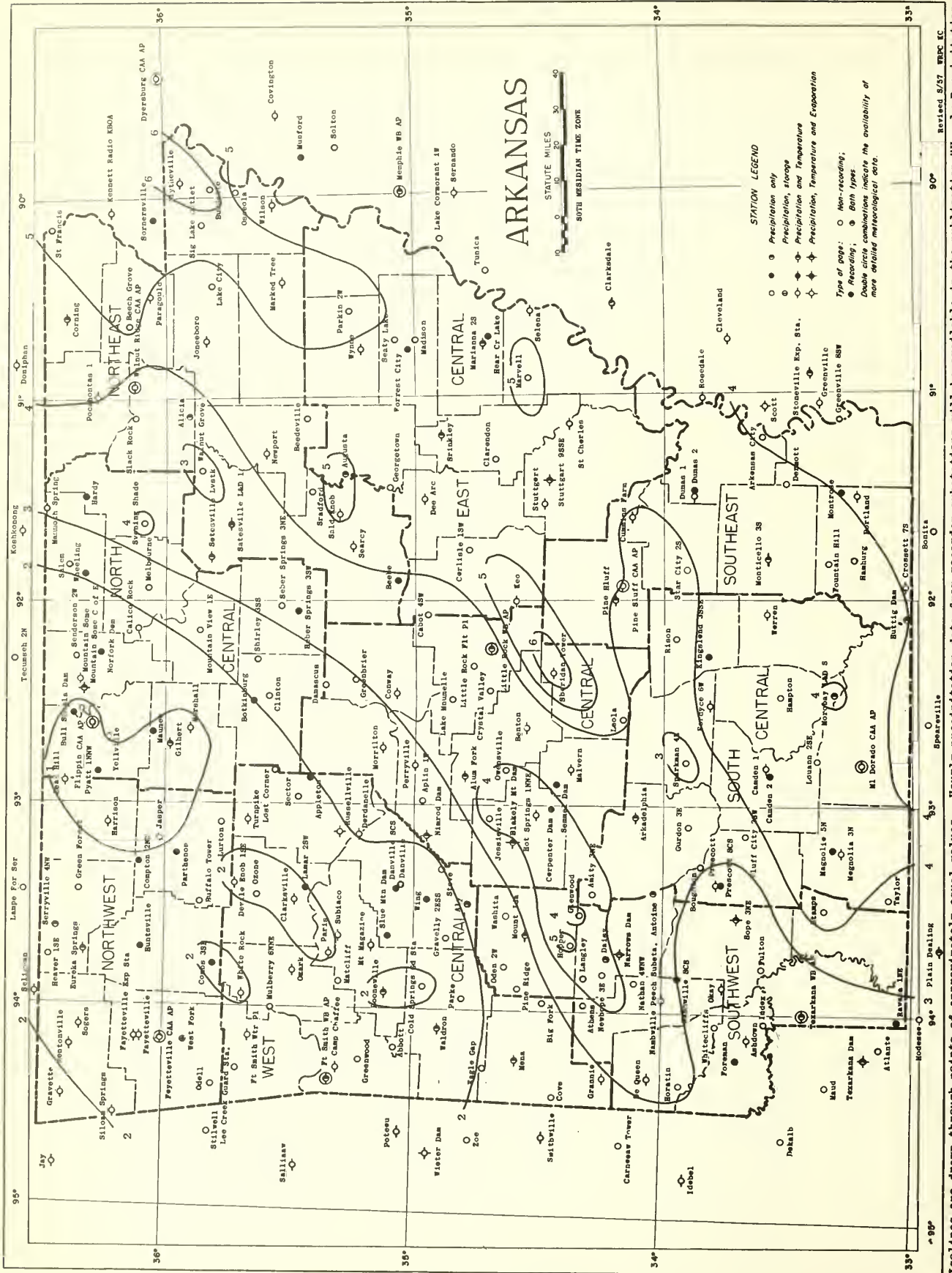
ARKANSAS
DECEMBER 1957

Table 5

Table with columns for Station, Day Of Month (1-31), and Average. Rows list various stations such as LUM FORK, ARKADDELPHIA, LAMSDOWN, etc.

TOTAL PRECIPITATION

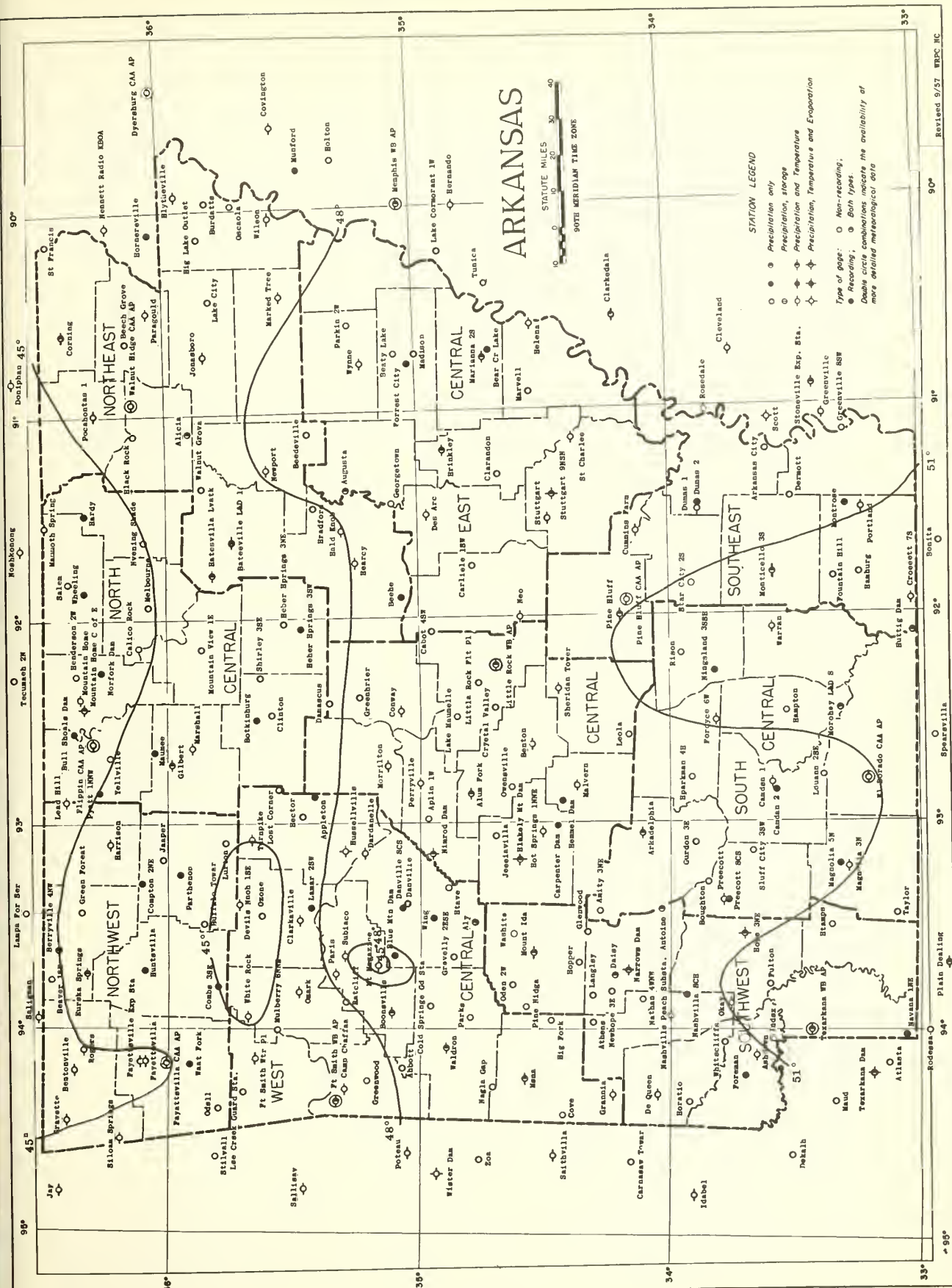
DECEMBER 1957



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AVERAGE TEMPERATURE

DECEMBER 1957



STATION LEGEND

- ○ Precipitation only
- ○ Precipitation, storage
- ○ Precipitation and Temperature
- ○ Precipitation, Temperature and Evaporation

Type of page: ○ Non-recording,
 ● Recording, ○ Both types.
 Double circle combinations indicate the availability of
 more detailed meteorological data

Isotherms are drawn through points of approximately equal values.

STATION INDEX

ARKANSAS
DECEMBER 1957

Main data table with columns: Station, Index No., County, Drainage, Latitude, Longitude, Elevation, Temp., Precip., Observer, Refer to tables, Station, Index No., County, Drainage, Latitude, Longitude, Elevation, Temp., Precip., Observer, Refer to tables.

REFERENCE NOTES

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Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles, Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground. Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

USCOMM-WB-Asheville -- 1-29-58 -- 950

CORRECTIONS

June 1957: Mount Magazine, Table 2, total precipitation should be 5.87, greatest day and date, 2.16 on the 13th, days .10 or more 7, .50 or more 5, and 1.00 or more 1.

Mount Magazine, Table 3, delete dash on 30th and enter total of 5.87.

September 1957: Prescott, Table 2, total precipitation should be 8.78, departure 5.97, days with .10 or more 9, and .50 or more 5.

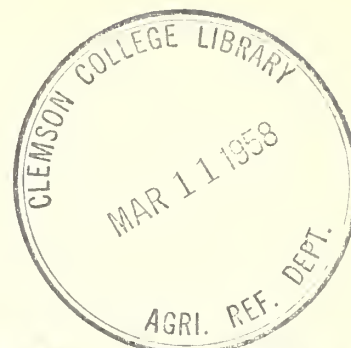
Prescott, Table 3, precipitation on 7th should be .70, 8th .30, and total 8.78.





3 = 14/5.

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

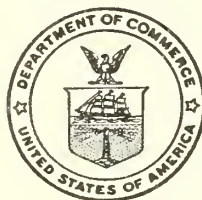


CLIMATOLOGICAL DATA

ARKANSAS

ANNUAL SUMMARY 1957

Volume LXII No. 13



WEATHER SUMMARY

The outstanding feature of the 1957 weather in Arkansas was the exceptionally heavy rain throughout the year. Only two stations received less than 50 inches. One hundred fifty stations out of 170 received more than 60 inches. All stations exceeded their long-term means and most stations exceeded their long-term means by more than 40 percent. The excessive rain delayed field work throughout the year and reduced the yields of harvested crops.

Temperatures in 1957 were about average. January was the coldest month. Almost all stations registered their coldest temperatures for the year on January 16 or 17. Annual minimum temperatures centered around 10°. The coldest temperature for the year, 2° above zero, occurred at Batesville Livestock on January 17. July was the warmest month. 100-degree temperatures occurred in July, August, and September. The highest temperature for the State, 105°, occurred at Ozark on July 29. A warm spell began on December 15 and continued to the 25th. The warm temperatures brought the December averages to several degrees above seasonal for the State as a whole.

Rainfall totals ranged from 48.05 inches at Henderson 2W to 98.55 inches at Newhope 3E. Over half of the stations received more than 70 inches of rain in 1957. Excesses in terms of percentage of the long-term annual means ranged from 21 percent at Lead Hill and Mena to 75 percent at Blytheville. For many stations, 1957 was the rainiest year of record. The rains were especially heavy in April, May, and November when numerous stations received monthly totals exceeding 10 inches. The greatest monthly total, 19.07 inches, fell at Sparkman 4E in April. The greatest daily total, 11.00 inches, fell at Damascus during the 24-hours ending at 7:00 a.m., August 13. Rainfall amounts of 0.10 inch or more occurred on more than 80 days at almost all stations. Many stations registered daily totals exceeding an inch on more than 20 days. Rainfall in Arkansas in 1957 exceeded the normal for any place in the United States except near the ocean in the Pacific northwest.

The frequent rains hampered every phase of agriculture. Excessive spring rains flooded lowlands and eroded uplands. They stopped all field work. When the rains stopped, the fields continued too wet for applying fertilizer, plowing, and planting. Winter grains, hay, pastures, and weeds made rank growth. Some winter grains drowned or turned yellow from standing in water. The freezing temperatures on April 12 and 13 damaged peaches, apples, grapes, and strawberries in the northwest.

The heavy rains in May and June caused further delays in field work. Land preparation progressed when the weather was suitable and where the fields were sufficiently dry for tilling. Planting and replanting corn and cotton continued into June. The early-planted corn needed cultivating badly but the heavy

rains kept the farmers out of the fields. The rains delayed haymaking and lowered the quality of the hay. Rice and soybean planting progressed slowly.

Crops made good growth during the summer but heavy rains frequently interrupted field work. Pastures furnished adequate grazing in most areas. The small grain harvest was completed and by mid-summer, land preparation for fall seeding got underway. A considerable acreage of small grain was seeded for early grazing.

Combining rice and soybeans, cotton picking, and the harvest of corn and sorghums progressed in the fall when the weather permitted. The fall rains interfered with the harvest of fall crops on many days. Rice yields were satisfactory and the quality was good. Much corn and sorghum was too moist for safe storage and drying facilities were not available in some areas. The excessive rains caused considerable boll rot in some late cotton fields and lowered the quality of the lint. The weather in December was mostly favorable for the completion of the harvest.

STORMS

Freezing rain began over the northern half of Arkansas on the evening of January 26 and continued to the early morning of the 28th. The storm caused extensive heavy damage to trees, shrubs, and power and communication lines. The damage was especially severe over the northwestern quarter of the State.

Hail as large as golf balls caused extensive damage to roofs, windows, and signs in Monticello on the afternoon of March 5. The hail was accompanied by strong winds which also caused some damage.

Thunderstorms and tornadoes were numerous on May 13 and from the 21st to 25th. Tornado damage was especially severe in Hot Spring County and Faulkner County on the 13th. Thirteen houses in Conway were destroyed and many were damaged. Many other buildings in Conway and on farms in the vicinity also sustained damage. Thunderstorms caused extensive damage in Faulkner, Lonoke, White, Jackson, and Craighead Counties on the 21st.

For additional information about the storms mentioned above and other storms that occurred in Arkansas in 1957, the reader is referred to the monthly issues of Climatological Data, Arkansas Section, and Climatological Data, National Summary.

Lucius W. Dye
Climatologist
Weather Records Processing Center
Kansas City, Missouri

TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

ARKANSAS 1957

Table with columns for Station, January through December, and Annual. Each month has two sub-columns: Precipitation and Departure. The table lists numerous stations including Little Rock, Magnolia, Nashville, and various regional divisions.

See reference notes following Station Index.

TOTAL EVAPORATION AND WIND MOVEMENT

ARKANSAS
1957

Table 4

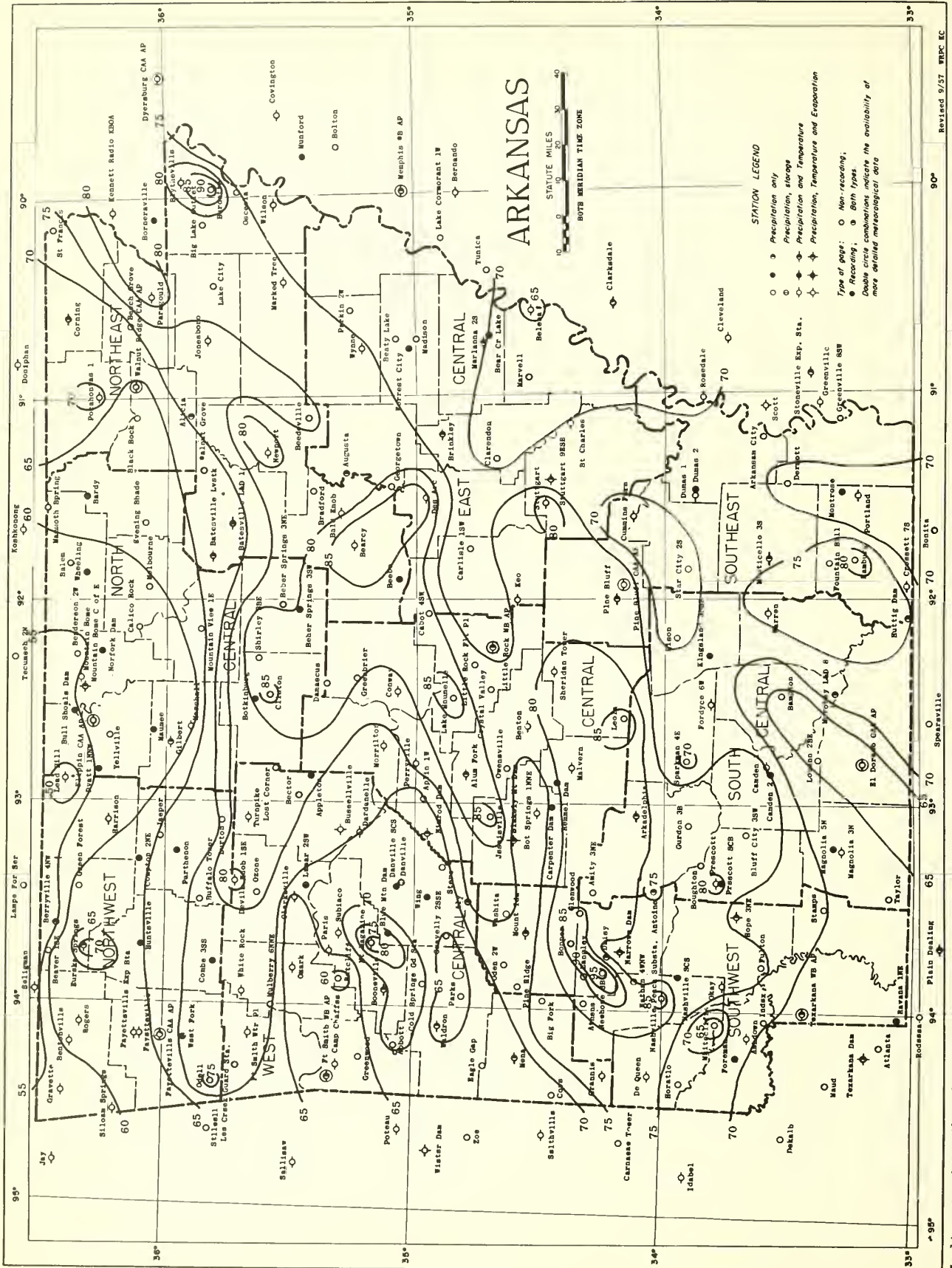
Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
BLAKELY MOUNTAIN DAM	EVAP	1.29B	1.55	2.50B	2.81B	5.33B	5.20	6.76	5.65B	3.74B	2.98B	1.64B	1.38B	40.85
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	1162	787	1179	972	826	683	637	571	581	841	898	928	10065
HDPE 3 NE	EVAP	2.02B	2.36B	3.55B	4.03B	6.05B	5.99B	7.33B	-	5.28B	4.13B	-	2.29B	-
	DEP	-0.52	-0.30	-0.83	-1.51	-0.36	-1.11	-0.72	-	-0.69	-0.55	-	+0.32	-
	WIND	1744	1346	1496	1101	818B	581	-	-	1186	1136B	-	1187	-
MOUNTAIN HOME C OF ENG	EVAP	-	-	-	4.04B	6.02B	6.40	7.54B	6.64	4.33	3.88B	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	1377	1238	908	587	532	645	920	-	-	-
NARROWS DAM	EVAP	-	1.77B	3.20B	3.61B	5.89B	6.40B	7.36	7.19B	4.82B	3.92B	1.86B	2.01B	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	906	1321	1489	1027	957	688	757	701	900	939	1328	-
NIMROD DAM	EVAP	1.48B	1.66B	2.81B	3.57B	5.89B	6.80B	7.68B	6.02B	4.02B	2.95	2.20B	1.72B	46.80
	DEP	-	-	-	-	-0.07	-0.36	-0.19	-1.16	-1.50	-1.29	-0.30	-	-
	WIND	745	407	1186	1085	707	518	467	429	314	611	990	1015	8474
RUSSELLVILLE	EVAP	-	-	-	-	-	6.56B	8.10B	6.87B	4.17	2.80	1.67B	1.55	-
	DEP	-	-	-	-	-	-0.23	+0.27	-0.56	-1.38	-1.26	-0.38	+0.28	-
	WIND	-	-	-	-	-	283B	239	327	282	448	610B	-	-
STUTTIGART 9 E5E	EVAP	1.10	1.51B	2.37	3.64B	4.96	5.59B	5.66B	5.31B	3.29B	2.60B	1.63B	1.33B	38.99
	DEP	-0.17	-0.25	-2.38	-1.11	-0.95	-1.51	-1.76	-1.75	-1.89	-1.08	-0.45	+0.11	-11.86
	WIND	1702	980	1174	1369	971B	543	322	341	589	1074	1803	2451	13319

RELOCATION AND CHANGES OF EQUIPMENT

Augusta	Rain gage moved 0.2 mile SW	January 1
Beebe	Recording gage moved 0.2 mile SSW	August 1
Camp Chaffee	Equipment moved 500 feet E	June 4
Crystal Valley	Rain gage moved 1000 feet NE	April 1
Daisy	Rain gage moved 0.5 mile E	September 1
Danville SCS	Recording gage moved 0.4 mile SSW	January 8
Dermott	Rain gage moved 150 feet SW	August 13
Devils Knob	Equipment moved 300 feet N	October 18
Glenwood	Rain gage moved 1/4 mile ESE	December 6
Grannis	Thermometers removed & gage moved 1/2 mile N	November 20
Lamar 2 SW	Recording gage moved 200 feet N	October 11
Malvern	Equipment moved 0.5 mile WNW	September 12
Mammoth Spring	Equipment moved 75 feet NE	March 1
Marked Tree	Equipment moved 0.5 mile ENE	June 1
Marvell	Rain gage moved 55 feet NE	April 18
Mena	Equipment moved 0.2 mile SW	September 10
Newport	Equipment moved 0.4 mile S	July 20
Nimrod Dam	Equipment moved 1000 feet NE	December 21
Osceola	Rain gage moved 1.5 miles WSW	March 6
Paris	Equipment moved 0.7 mile ESE	January 9
Perryville	Equipment moved 1 block N	January 1
Pocahontas No. 1	Equipment moved 200 feet NE	May 1
Stamps	Rain gage moved 1/4 mile W	August 1
Wynne	Equipment moved 1/4 mile NW	March 5

TOTAL PRECIPITATION

1957



STATION LEGEND

- Precipitation only
- Precipitation, storage
- Precipitation and Temperature
- Precipitation, Temperature and Evaporation

Type of page:

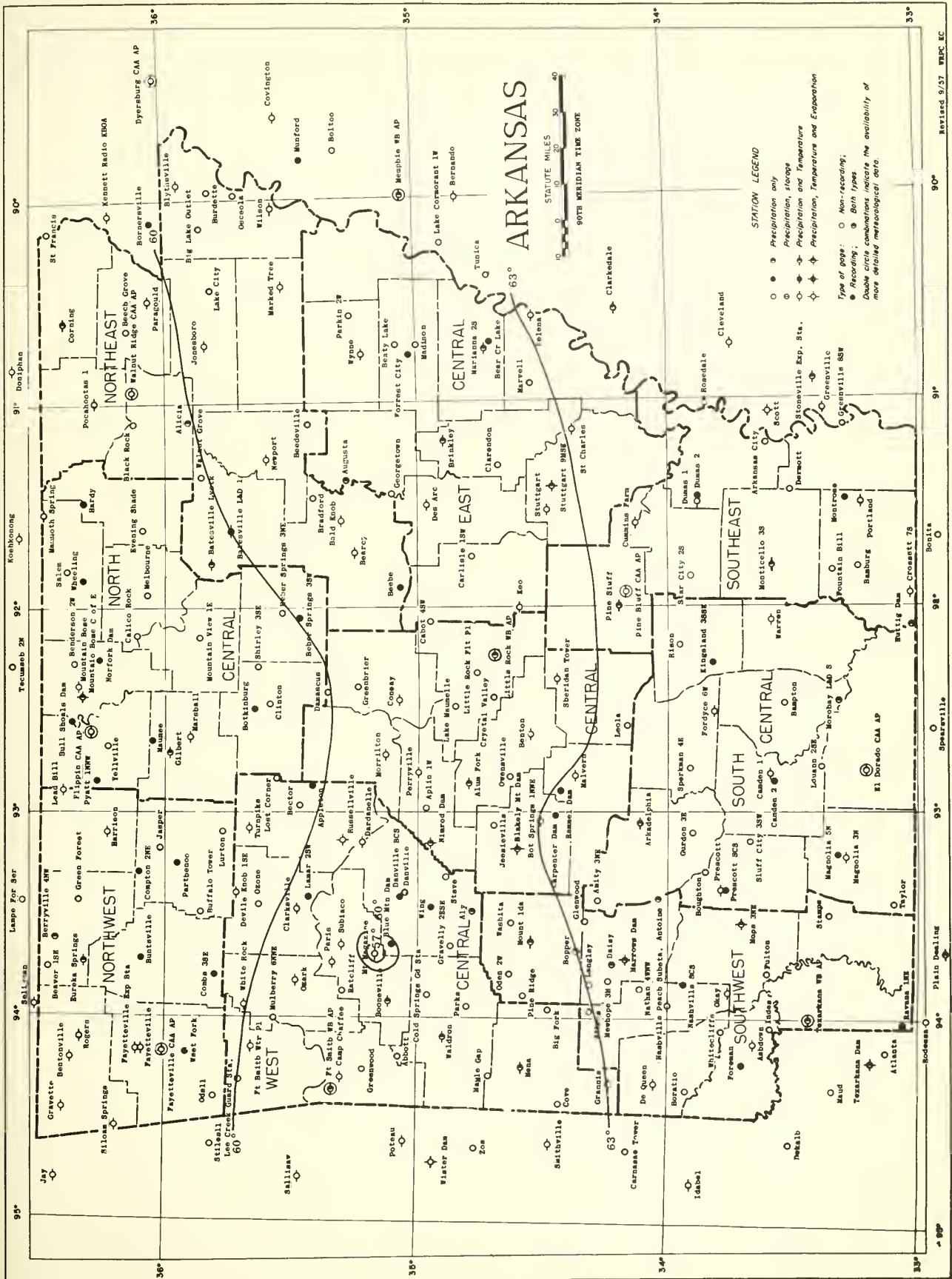
- Non-recording.
- Recording.
- Both types.

Double circle combinations indicate the availability of more detailed meteorological data

Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

1957



Isotherms are drawn through points of approximately equal values.

STATION INDEX

ARKANSAS 1957

Main data table with columns: Station, Index No., County, Drainage, Latitude, Longitude, Elevation, Years of record, Opened or closed during yr., Refer to tables. Includes sub-headers for Temp., Precip., Evap., Month opened, and Month closed.

↑ DRAINAGE CODE: 1. ARKANSAS 2. MISSISSIPPI 5. QUACHITA 4. RED 5. SAINT FRANCIS 6. SALINE 7. WHITE

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Long-term means for full-time stations (those with Weather Bureau, Weather Bureau Airport, or Weather Bureau City in the station name) are based on the period 1921-1950 adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Climatological divisions, outlined on the maps in this bulletin, became effective with data for January 1957.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried in the June and December issues of Climatological Data.

- No record
- + Also later date (dates) or months.
- * Amount included in following measurement.
- v Includes total for previous month. V in annual column means total is for a two-year period.
- // Gage is equipped with a windshield.
- # Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- B Adjusted to full month.
- C Data for recorder stations denoted by "C" in the Refer to Tables column of the Station Index are processed for special purposes and published in "Hourly Precipitation Data". Length of record for recorder-only stations may be found in the annual issue of "Hourly Precipitation Data".
- E Amount is wholly or partially estimated.
- M One or more days' record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
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USCOMM-WB-Asheville -- 2-21-58 -- 1100



30-18/5.

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS



JANUARY 1958
Volume LXIII No. 1



SUPPLEMENTAL DATA

ARKANSAS
JANUARY 1958

Station	Wind direction		Wind speed m. p. h.					Relative humidity average - percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	MIDNIGHT CST	1:00AM CST	NOON CST	4:00PM CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
FORT SMITH WB AIRPORT	ENE	21	7.5	30	W	31	79	82	63	65	3	2	4	0	0	0	9	55	6.0
LITTLE ROCK WB AIRPORT	NNW	9	9.6	40	W	31	71	78	57	57	4	0	4	1	0	1	10	58	5.3
TEXARKANA WB AIRPORT	WNW	11	6.5	-	-	-	-	80	-	-	1	3	1	3	1	0	9	-	-

CLIMATOLOGICAL DATA

Station	Temperature										Precipitation															
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days				
										Max		Min		Total					Max Depth on Ground	Date	10 or More	50 or More	100 or More			
										30° or Above	32° or Above	32° or Below	30° or Below											10 or More	50 or More	100 or More
NORTHWEST DIVISION																										
BENTONVILLE	46.5	24.8	35.7	- 1.8	61	11+	10	22+	904	0	0	25	0	1.16				1.5	2	21	2	1	0			
EUREKA SPRINGS	48.5	25.9	37.2		8		8	853	0	0	25	0	1.07	- 1.87				2.0			2	1	0			
FAYETTEVILLE	47.7	26.4	37.1		60	10	11	8	858	0	0	25	0	1.14				3.3	3	21	3	0	0			
FAYETTEVILLE CAA AP	47.7	23.5	35.6		61	11	7	22	906	0	1	24	0	1.14				2.2	1	31+	4	0	0			
FAYETTEVILLE EXP STA	47.5	24.0	35.8	- 2.7	59	11	7	8	899	0	0	28	0	1.10	- 1.66			.52	2	21	4	1	0			
GRAVETTE	47.7	23.9	35.8	- 1.4	62	11	4	22	895	0	0	28	0	1.11	- 1.37			.49	2	23	4	0	0			
HARRISON	48.8	24.6	36.7	- 1.7	61	10	10	8	867	0	0	26	0	.81				1.0	1	21	3	0	0			
LEAO HILL	48.5	23.0	35.8	- 1.6	62	10	9	8	901	0	0	27	0	1.21	- 1.70			.55	0	0	4	1	0			
ROGERS	48.2	26.0	37.1	- 1.3	62	11	8	8	857	0	0	26	0	.98	- 1.71			.57	2	21	2	1	0			
SILOAM SPRINGS	48.3	24.9	36.6		61	11	5	22	872	0	0	27	0	1.06				.48	2	22	2	0	0			
DIVISION														1.08	- 1.72			1.8								
NORTH CENTRAL DIVISION																										
FLIPPIN CAA AP	49.0	23.4	36.2		69	9	9	8	883	0	1	28	0	1.26				.63	20	.7	0		4	1	0	
GILBERT	52.2	22.1	37.2		67	9	8	8	856	0	0	27	0	1.32				.67	21	.0	0		3	1	0	
MAMMOTH SPRING	48.0	22.9	35.5	- 2.7	67	10	8	8	909	0	0	26	0	1.32				1.02	21	T	0		2	2	1	
MARSHALL	49.5	23.3	36.4		63	9	7	8	877	0	0	26	0	1.18				.66	21	T	0		3	1	0	
MOUNTAIN HOME 1 NNW	49.5	25.2	37.4	- 1.3	67	9	10	8	850	0	0	22	0	1.14	- 1.94			.56	20	T	0		3	1	0	
MOUNTAIN HOME C OF ENG	46.9	22.8	34.9		66	10	9	8	926	0	1	30	0	1.28				.56	20	T	0		2	1	0	
DIVISION														1.36	- 2.10			.1								
NORTHEAST DIVISION																										
BALO KNOB	48.9	26.7	37.8		64	31	13	8	837	0	0	26	0	3.07				2.43	20	.0	0		2	2	1	
BATESVILLE LIVESTOCK	47.8	22.9	35.4		63	11	7	8	913	0	0	29	0	1.69				1.36	20	T	0		2	1	1	
BATESVILLE L AND O NO 1	49.3	24.5	36.9		62	10	10	8	865	0	0	26	0	2.72	- 1.81			1.36	21	T	0		4	2	1	
BLTHTHEVILLE	44.7	28.1	36.4	- 4.1	60	31+	17	8	880	0	1	23	0	4.00	- 1.47			2.51	21	T	0		5	2	1	
CORNING	45.9	26.3	36.1	- 3.1	63	31	10	8	892	0	1	26	0	2.80	- 1.66			1.55	21	.0	0		3	2	1	
JONESBORO	46.5	28.9	37.7	- 3.1	60	31	11	8	840	0	1	21	0	4.04	- 1.07			2.42	21	T	0		4	2	1	
MARKED TREE	46.5	28.0	37.3	- 2.3	65	31	13	8	854	0	1	27	0	4.43	- 1.24			2.82	21	T	0		4	2	1	
NEWPORT	49.0	29.0	39.0	- 2.7	62	31+	13	8	797	0	0	22	0	3.15	- 1.88			1.62	21	.0	0		4	2	1	
PARAGOULO	45.4	25.5	35.5		59	31+	10	8	908	0	0	27	0	4.14				2.34	20	.0	0		4	3	1	
POCAHONTAS 1	46.6	25.6	36.1	- 3.7	60	10	10	8	888	0	0	27	0	2.64	- 1.68			1.54	21	T	0		4	2	1	
SEARCY	50.3	28.4	39.4	- 2.6	64	31+	14	8	788	0	0	22	0	3.35	- 1.86			1.40	21	T	0		3	3	2	
WALNUT RIDGE CAA AP	45.6	27.7	36.7		60	10	13	8	873	0	1	25	0	3.14				2.21	20	1.5	0		4	2	1	
WILSON	46.0	28.1	37.1		62	31	12	8	860	0	1	23	0	3.47				2.55	21	.0	0		3	2	1	
DIVISION														3.28	- 1.69			.1								
WEST CENTRAL DIVISION																										
800NEVILLE	52.1	27.6	39.9	- 2.3	65	9	14	8	772	0	0	22	0	1.81	- 1.84			.57	13	.5	1	21	4	2	0	
CAMP CHAFFEE	49.0	25.7	37.4		62	12	15	9	846	0	0	22	0	1.36				.60	13	.7	1	21	4	2	0	
CLARKSVILLE	51.5	26.5M	39.0M		67	13	15	8	804	0	0	23	0	2.02				.83	20	T	0		4	2	0	
OAROANELLE	50.9	29.3	40.1	- 2.5	62	10	16	8	765	0	0	21	0	2.36	- 2.00			.92	20	.0	0		5	2	0	
OEVLIS KNOB	45.2	26.7	36.0		57	11	7	8	893	0	1	26	0	1.16				.41	21	.0	0		3	0	0	
FORT SMITH WB AP	49.2	28.0	38.6	- 1.4	63	9	16	8	809	0	0	24	0	1.23	- 1.66			.38	20	1.0	1	21	4	0	0	
FT SMITH WATER PLANT	51.4	24.6	38.0		61	10	11	8	830	0	0	24	0	.92				.46	20	T	0		3	0	0	
MENA	52.6	29.6	41.1	- 1.5	63	11+	15	8	732	0	0	20	0	2.48	- 2.32			.85	20	1.0	1	21	4	3	0	
MOUNT MAGAZINE	43.6	25.9	34.8		59	9	7	8	931	0	0	27	0	3.15				1.10	12	2.0	2	21	5	4	1	
OZARK	51.2	28.3	39.8	- 0.9	62	10	15	8	775	0	0	23	0	1.98	- 1.74			.60	13	T	0		1	21	4	3
PARIS	51.4	27.4	39.4		61	11+	15	8	785	0	0	23	0	2.50				.92	12	T	0		5	2	0	
RUSSELLVILLE	51.4	27.5	39.5		63	10+	15	8	785	0	0	24	0	1.76				1.03	20	.0	0		4	1	1	
SUBIACO	50.5	27.3M	38.9M	- 3.0	61	11	14	8	805	0	0	21	0	2.54	- 1.34			.81	12	T	0		5	2	0	
TURNPIKE																										
WALORON	53.1	26.6	39.9		64	11	14	8	770	0	0	23	0	2.54				.79	12	1.0	1	21	5	3	0	
WHITE ROCK	45.1	27.5	36.3		56	10	9	8	884	0	1	26	0	1.31				.55	20	5.0	3	22	3	2	0	
DIVISION														1.94	- 2.11			.9								
CENTRAL DIVISION																										
ALUM FORK	52.2	29.5	40.9		67	10	15	8	744	0	0	21	0	3.70				2.50	20	.0	0		3	2	1	
BENTON	53.1	25.7	39.4		66	31	10	8	785	0	0	25	0	4.11				2.00	20	T	0		4	3	2	
BLAKELY MOUNTAIN OAM	51.6	27.7	39.7		64	12+	18	2	776	0	0	25	0	3.38				1.85	20	.0	0		3	2	2	
CONWAY	51.0	27.9	39.5	- 3.6	65	31	13	8	784	0	0	24	0	2.83	- 2.04											

CLIMATOLOGICAL DATA

ARKANSAS
JANUARY 1958

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No of Days			
										90° or Above	32° or Below	32° or Below	0° or Below					Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More	
																								Max
EAST CENTRAL DIVISION																								
BRINKLEY																								
OES ARC	AM	48.5	27.9	38.2		60	12+	13	8	825	0	0	23	0	3.53		1.68	21	T	0		4	3	1
HELENA		49.0	31.1	40.1	- 3.9	70	31	14	8	764	0	0	21	0	3.11	- 3.29	1.91	21		1	24	4	2	1
KEO		50.3	29.2	39.8		68	31	15	8	774	0	0	21	0	4.07		2.21	20	+0	0		4	2	2
MARIANNA 2 S		49.4	28.7	39.1	- 3.9	70	31	13	8	793	0	0	23	0	3.25	- 2.46	1.77	20	2.5	0		4	3	1
SAINT CHARLES	AM	49.3	30.0	39.7		63	12	16	9+	776	0	0	23	0	3.96		1.80	21	2.1	2	24	5	2	2
STUTTART		50.6	31.3	41.0	- 3.2	70	31	15	8	736	0	0	19	0	4.38	- 1.72	2.00	21	+0	0		4	3	2
STUTTART 9 ESE	AM	47.6	29.5	38.6		61	12	15	8	813	0	0	22	0	3.92		1.70	21	+0	0		4	3	2
WYNNE		47.1	28.5	37.8		64	31	12	8	835	0	1	23	0	2.43		1.13	20	.5	0		3	2	2
DIVISION				39.3	- 3.9										3.58	- 2.24				.7				
SOUTHWEST DIVISION																								
ASHOOWN		54.3	31.0	42.7		64	30	15	8	683	0	0	21	0	4.61		2.59	20	+0	0		4	3	1
OE QUEEN		54.8	29.9	42.4		66	30	17	8	694	0	0	21	0	2.85				+0	0				
HOPE 3 NE	AM	52.4	28.9	40.7	- 3.6	65	31	17	8	748	0	0	25	0	4.25	- 1.19	2.00	20	+0	0		5	3	2
MOUNT IDA		53.4	26.8	40.1	- 1.6	66	10	15	8+	765	0	0	24	0	2.96	- 1.75	1.38	20	+0	0		4	3	1
NARROWS DAM	AM	53.8	28.2M	41.0M		65	31	19	9	722	0	0	21	0	3.68		2.25	20	+0	0		5	3	1
NASHVILLE PEACH SUBSTA	AM	52.0	28.9	40.5		63	31	18	9+	755	0	0	21	0	4.05		2.51	20	T	0		5	3	1
OKAY		56.0	31.5	43.8	- 2.6	65	30	18	8	651	0	0	20	0	4.06	- .66	2.41	20	+0	0		4	3	1
TEXARKANA W8 AP	R//	53.5	33.4	43.5	- 2.4	65	30	19	8	660	0	0	15	0	4.49	- .63	1.79	20	+0	0		5	4	1
DIVISION				41.8	- 2.2										3.87	- .82				T				
SOUTH CENTRAL DIVISION																								
ARKAOELPHIA		53.5	30.4	42.0		68	31	18	8	706	0	0	21	0	3.40	- 2.12	1.60	20	+0	0		3	2	2
CAMOEN 1	AM	54.5	29.1	41.8	- 3.4	67	31	17	9	712	0	0	22	0	4.01	- 1.18	1.49	21	+0	0		4	3	2
EL OORAO CAA AP		53.7	31.4	42.6	- 4.5	68	31+	18	8	690	0	0	17	0	5.36	- .33	1.95	20	+0	0		6	4	2
FORDYCE 6 W	AM	53.4M	31.4M	42.4M				17	8	693	0	0	0	0	3.01		1.37	20	+0	0		4	2	2
MAGNOLIA 3 N		52.9	31.8	42.4	- 5.6	69	31	15	8	693	0	0	18	0	4.07	- .81	1.29	21	+0	0		4	3	3
PRESCOTT	AM	51.6	28.2	39.9	- 5.5	65	11	18	9+	773	0	0	28	0	4.02	- 1.65	1.83	20	+0	0		4	3	2
WARREN		53.9	32.2	43.1	- 3.4	71	31	17	8	675	0	0	17	0	4.16		1.58	20	T	0		4	3	2
DIVISION				42.0	- 3.5										4.00	- 1.33				T				
SOUTHEAST DIVISION																								
CROSSETT 7 S		55.3	31.0	43.2	- 3.5	74	31	17	8	670	0	0	22	0	3.95	- 2.54	1.39	13	2.0	0		6	2	2
CUMMINS FARM		51.7	31.7	41.7		71	31	17	8	716	0	0	18	0	3.17		1.62	20	T	0		3	2	2
OUMAS 1		52.5	31.6	42.1	- 3.7	72	31	16	8	706	0	0	20	0	3.69	- 1.99	1.42	13	2.8	0		4	2	2
MONTICELLO 3 S		53.8	32.4	43.1		72	31	21	8	671	0	0	15	0	4.04		1.58	13	T	0		4	3	2
PINE BLUFF		52.7	32.4	42.6	- 2.9	71	31	17	8	690	0	0	17	0	3.67	- 2.13	1.69	21	T	0		5	3	2
PINE BLUFF CAA AP		51.0	30.8	40.9		71	31	17	8	741	0	0	19	0	4.18		2.16	20	T	0		5	2	2
PORTLANDO	AM	50.9	30.7	40.8	- 6.0	64	12+	18	9+	744	0	0	22	0	3.94	- 2.03	1.65	21		0		5	3	2
DIVISION				42.1	- 3.9										3.81	- 2.08				.8				

Highest Temperature 74 on the 31 at Crossett 7 S.

Lowest Temperature 4 on the 22 at Gravette.

Greatest Total Precipitation 5.50 inches at Sheridan Tower.

Least Total Precipitation 0.74 inches at Lee Creek Guard Station.

Greatest one-day precipitation 3.17 inches on the 20 at Little Rock Filter Plant.

Greatest Total Snowfall 5.0 inches at White Rock.

Deepest Snow on Ground 3 inches on the 24+ at 4 Stations.

DAILY PRECIPITATION

ARKANSAS
JANUARY 1958

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ABBOTT	1.48											T	.81	.03												.23	T					.41	
ALICIA	2.87												.18	.20												.93	1.56						
ALUM FORK	3.70												.82													2.50	.31					.07	
ALY	2.95												.55	.30	.10	T										1.30	.65					.05	
AMITY 3 NE	3.89												.46	T	.04											2.70	.69						
ANTOINE	3.74												.02	.50	.20											1.70	1.32						
APLIN 1 W	2.85												.57	T												2.03						.25	
ARKADELPHIA	3.40												.05	.45												1.60	1.30						
ARKANSAS CITY	4.87	.18											1.58	T	.61											.38	1.72	.35				.05	
ASHDOWN	4.61												.12	.77	T	.96										2.59	.08				.09		
ATHENS	3.15												.10	.48												1.83	.74						
AUGUSTA	4.25												.67	.56	.04											2.92	1.62						
BAILO KNOB	3.07												.56													2.83	T					.08	
BATESVILLE LIVESTOCK	1.69												.31	.02												1.36							
BATESVILLE L AND O NO 1	2.72												.18	.23												.95	1.36						
BEATY LAKE	3.42												.75													2.02	.46					.19	
BEAVER 1 SE	.94												.01	.04												.36	.48					.03	
BEECH GROVE	3.30												.52	.15	.07											.68	1.88						
BEEDEVILLE	4.19												.17	.54												.34	3.10						
BENTON	4.11												.12	.06	.50											2.00	1.34						
BENTONVILLE	1.16												.09													.34	.61					.04	
BERRYVILLE 4 NW	1.86												.02													.38	.45					.01	
BIG FORK	3.10												.48	.55												1.40	.62					.04	
BIG LAKE OUTLET	3.99												.52	.13	.04											.32	2.92					.06	
BLACK ROCK	2.46												.14	.15												.75	1.42						
BLAKELY MOUNTAIN OAM	3.38												.38	.02	.07											1.85	1.02					.04	
BLUFF CITY 3 SW	4.02												1.28	.05	.64											1.15	.90						
BLTYHEVILLE	4.00												.50	.42	.03											.27	2.51					.24	
BOONEVILLE	1.81												.17	.57	.03	.01										.45	.55					.03	
BOUGHTON	3.98												.53	*	.24											2.00	1.21						
BRAFORD	3.44												.58													1.40	1.46						
BRINKLEY	1.07												.22	T												.52	.28					.02	
BUFFALO TOWER	4.27												.90													2.25	.73					.15	
BURGETTE	2.99													.90												1.60	.39					.10	
CABOT 4 SW	1.62												.30	.09												.62	.61						
CALICO ROCK	4.01												.06	1.10	.05	.85										.46	1.49						
CAMP CHAFFEE	1.36												.60	T												.27	.36					.03	
CARLISLE 1 SW	3.74												1.05	.05	T											1.28	1.36					.04	
CLARENOON	3.55												1.10	.02												.65	1.74					.08	
CLARKSVILLE	2.02												.61	.20												.02	.83	.28				.10	
CLINTON	3.13												.21	.29												1.59	.94						
COLO SPRINGS GUARO STA	4.15												1.40	.75	.10	.05										.50	.50					.15	
CONWAY	2.83												.03	.43		.48										1.97	.33					.07	
CORNING	2.80														.48											.77	1.55						
COVE	3.53												.40	1.63													.42	1.08					.23
CROSSETT 7 S	3.95												.12	1.39		.43										1.28	.45					.07	
CRYSTAL VALLEY	4.13												.70	T	.20	T										1.87	1.36						
CUMMINS FARM	3.17												1.17	T												1.62	.38						
OAISY	3.13												.13	.49	.07											1.87	.57						
OAMASCUS	3.15												.25	.04												1.65	1.10					.11	
OANVILLE	2.44												.34	.59	.05											.77	.58					.11	
OARDANELLE	2.36												.17	.45	T											.92	.67					.15	
OE QUEEN	2.85												.15	.48												*	2.18					.04	
OERMOTT	4.76												.82		1.34											.25	1.90					.45	
OES ARC	3.53												.12	.72	.05	T										.92	1.88					.04	
OEVILS KNOB	1.16												.04	.28	T											.40	.41					.03	
OUMAS 1	3.69												1.42	T	.06											1.37	.43					.36	
EL ODRAOO CAA AP	5.36												T	.70	.32	.73	1.27									.39	1.95					.05	
EUREKA SPRINGS	1.07													.05												.40	.57					.03	
EVENING SHADE	1.38													.15	T											1.06	.11					.06	
FAYETTEVILLE	1.14												.03	.02	T	T										.22	.46	.32				.04	
FAYETTEVILLE CAA AP	1.14												.05	.04	T											.29	.33	.27				.10	
FAYETTEVILLE EXP STA	1.10												.12	.04	.03	.11										.10	.52	.21				.01	
FLIPPIN CAA AP	1.26												.11													.25	.63	.18				.09	
FROYCE & W	3.01												1.18	.18												1.37	.28					.04	
FORT SMITH WB AP	1.23	R//											T	.34												.31	.38	.05				.11	
FT SMITH WATER PLANT	.92													.17												.46	.21					.08	
FOUNTAIN HILL	-																																
FULTON	4.13												.05	.58		.72										1.70	1.08						
GEORGETOWN	3.92													.77	.05	T										1.55	1.55					.04	
GILBERT	1.32													.16	.06	T										.41	.67					.02	
GLENWOOD	3.27													.43		.07										1.99	.78						
GRANNIS	-																																
GRAVELLY 2 ESE	1.78			</																													

DAILY TEMPERATURES

ARKANSAS JANUARY 1958

Table with columns for Station, Day of Month (1-31), MAX, and AVERAGE. Rows include stations like ALUM FORK, ARKAOELPHIA, ASHOOWN, BALD KNOB, BATESVILLE LIVESTOCK, BATESVILLE L AND O NO 1, BENTON, BENTONVILLE, BLAKELY MOUNTAIN DAM, BLYTHEVILLE, BOONEVILLE, BRINKLEY, CAMOEN 1, CAMP CHAFFEE, CLARKSVILLE, CONWAY, CORNING, CROSSETT 7 S, CUMMINS FARM, DARDANELLE, DE QUEEN, DES ARC, DEVILS KNOB, OUMAS 1, EL OORADO CAA AP, EUREKA SPRINGS, FAYETTEVILLE, FAYETTEVILLE CAA AP, FAYETTEVILLE EXP STA, FLIPPIN CAA AP, FOROYCE & W, FORT SMITH WB AP, FT SMITH WATER PLANT, GILBERT, GRAVETTE, HARRISON, HELENA, HOPE 3 NE, HOT SPRINGS 1 NNE.

See reference notes following Station Index.

DAILY TEMPERATURES

ARKANSAS
JANUARY 1958

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JONESBORO	MAX	36	43	47	40	49	48	43	32	31	59	54	51	49	46	50	46	40	46	47	41	48	46	38	45	52	45	44	45	46	54	60	46.5
	MIN	20	24	24	24	23	30	22	11	21	37	29	33	41	40	38	28	26	34	29	36	32	26	26	32	26	37	29	27	25	36	35	28.9
KEO	MAX	42	44	49	47	49	52	43	38	59	61	62	53	49	55	53	47	54	46	47	47	47	43	40	47	54	49	49	46	56	62	48	50.3
	MIN	21	21	24	26	22	25	24	15	23	33	30	40	43	30	40	28	27	33	33	30	33	25	28	31	28	36	27	27	27	34	42	29.2
LEAO HILL	MAX	35	49	52	46	52	52	37	44	60	62	59	58	50	52	50	52	40	49	50	43	40	41	43	43	43	41	43	43	48	55	48.5	
	MIN	14	11	15	15	14	17	19	9	25	25	19	34	40	28	33	25	23	31	28	38	26	15	15	15	21	30	21	26	19	32	29	23.0
LITTLE ROCK W8 AP	MAX	40	46	48	46	49	53	39	41	60	61	61	52	50	54	52	47	53	44	45	46	45	43	41	48	55	49	49	45	56	61	67	49.9
	MIN	25	22	25	28	26	27	22	16	26	38	34	40	44	34	37	32	33	34	32	39	32	27	30	32	29	38	30	30	30	37	33	31.0
MAGNOLIA 3 N	MAX	47	49	46	48	48	45	45	38	52	65	61	62	55	53	51	47	55	55	48	54	54	51	46	51	53	55	55	59	67	69	52.9	
	MIN	21	21	25	29	28	34	27	15	23	34	40	45	45	31	44	29	31	30	35	42	33	26	29	29	30	36	27	34	29	37	48	31.8
MALVERN	MAX	46	48	51	50	52	52	45	43	61	62	66	60	53	58	56	54	60	53	47	47	46	50	48	54	55	50	54	57	64	63	53.3	
	MIN	23	18	19	23	24	23	26	12	21	33	31	41	44	30	41	24	25	33	29	39	33	23	28	28	25	27	22	25	25	32	37	27.9
MAMMOTH SPRING	MAX	35	46	48	43	49	54	46	38	61	67	56	55	49	56	51	42	40	47	46	42	41	40	44	60	51	43	44	50	54	49	48.0	
	MIN	15	10	15	19	13	17	17	8	14	25	20	32	39	28	30	27	20	31	25	34	27	23	17	26	20	30	25	30	17	29	28	22.9
MARIANNA 2 S	MAX	43	43	49	45	50	50	45	33	53	58	60	61	58	48	52	50	48	43	44	48	53	44	43	40	46	48	47	48	52	58	70	49.4
	MIN	22	18	22	26	23	25	25	13	23	31	29	39	42	37	39	27	25	26	29	37	33	29	28	31	28	31	26	26	25	37	39	28.7
MARKED TREE	MAX	41	41	45	41	46	49	40	31	53	57	57	56	52	49	48	44	42	42	44	44	50	41	40	38	47	45	45	50	55	65	46.5	
	MIN	22	19	23	24	22	25	23	13	21	31	24	30	40	40	38	29	26	32	28	32	31	29	27	31	29	32	29	26	25	35	31	28.0
MARSHALL	MAX	36	47	52	47	52	52	43	45	63	60	58	55	48	55	49	52	46	47	43	43	38	45	42	46	62	55	42	46	53	57	57	49.5
	MIN	10	11	19	16	15	14	15	7	16	32	23	35	37	28	34	23	24	28	23	20	25	16	23	21	22	33	28	21	20	37	30	23.3
MENA	MAX	43	51	56	52	54	51	45	47	62	63	63	52	54	56	50	57	53	55	49	45	41	42	46	54	61	53	52	50	56	62	56	52.6
	MIN	22	20	24	28	28	28	22	15	17	36	36	44	43	35	37	33	38	25	33	38	25	22	28	23	31	37	29	38	27	32	38	29.6
MONTICELLO 3 S	MAX	46	47	50	50	51	50	47	37	57	63	65	60	58	58	55	52	58	56	46	54	54	50	46	50	53	57	56	51	56	64	72	53.8
	MIN	25	27	29	24	28	33	24	21	28	35	37	43	43	41	38	35	28	28	33	38	36	32	27	35	29	35	33	31	27	38	42	32.4
MORRILTON	MAX	41	49	50	47	49	53	46	41	62	63	61	53	53	57	51	51	56	47	46	44	42	45	42	50	57	49	47	57	54	62	50.7	
	MIN	24	19	22	24	22	23	24	15	18	36	29	40	44	32	42	30	29	30	32	38	30	25	26	28	28	37	26	25	27	36	36	28.9
MOUNT IDA	MAX	45	49	54	50	52	55	45	48	63	66	62	52	55	55	48	56	55	51	48	47	40	53	45	53	60	62	53	52	55	64	62	53.4
	MIN	25	15	16	17	18	15	23	15	17	30	30	40	42	30	33	36	25	25	31	38	29	26	25	22	30	33	22	26	22	31	39	26.8
MOUNT MAGAZINE	MAX	34	42	45	40	42	43	37	33	59	59	52	48	48	45	41	46	45	43	38	42	35	38	38	38	51	42	38	39	40	58	58	43.6
	MIN	12	22	29	26	29	26	12	7	29	32	36	35	34	31	29	26	34	21	28	30	20	12	28	21	30	29	28	24	28	28	27	25.9
MOUNTAIN HOME 1 NNW	MAX	38	49	52	42	52	54	41	43	67	62	55	52	53	55	56	52	46	46	46	41	42	42	42	60	55	41	43	54	49	58	49.5	
	MIN	16	16	14	21	18	17	17	10	15	26	21	34	38	33	34	28	32	35	28	35	26	18	21	21	26	34	28	27	22	36	35	29.2
MOUNTAIN HOME C OF ENG	MAX	43	34	48	49	43	49	52	30	40	66	62	55	52	48	55	50	50	40	46	46	42	42	40	41	42	60	42	41	43	53	50	46.9
	MIN	16	12	13	20	17	17	18	9	11	19	23	24	37	30	30	27	26	26	29	29	31	19	19	20	22	28	28	28	19	27	32	22.8
NARROWS DAM	MAX	61	48	50	54	53	53	53	43	40	60	64	62	60	56	57	50	58	60	52	51	49	37	55	45	57	59	58	58	43	56	65	53.8
	MIN	26	26	26	22	27	27	23	24	19	32	36	47	52	40	44	24	30	25	24	30	25	24	22	23	27	29	26	22	23	26	26	28.2
NASHVILLE PEACH SUBSTA	MAX	48	47	47	52	50	52	48	40	44	59	62	62	55	59	57	50	55	60	50	48	49	37	53	44	53	57	57	56	43	55	63	52.0
	MIN	22	22	23	29	29	27	24	18	18	23	38	42	44	33	39	27	31	25	35	35	30	23	24	26	29	35	27	33	25	33	33	28.9
NEWPORT	MAX	41	44	49	44	47	54	47	38	56	62	54	56	47	55	54	51	45	45	47	43	42	44	46	46	53	47	48	54	57	62	49.0	
	MIN	21	19	22	27	24	24	22	13	24	37	27	32	38	36	38	28	28	34	28	37	32	28	26	32	27	38	28	27	26	38	37	29.0
NIMROO OAM	MAX	46	42	51	54	50	51	51	38	43	63	64	62	52	55	55	50	54	56	50	46	44	34	48	42	50	58	50	49	48	58	59	50.7
	MIN	19	14	15	17	19	19	21	23	19	31	28	29	37	33	35	27	29	30	30	33	30	23	23	25	25	29	25	25	29	30	37	24.8
OKAY	MAX	51	50	53	52	51	49	48	46	60	64	64	59	60	58	56	56	64	60	52	51	51	54	53	55	56	62	60	57	56	65	64	56.0
	MIN	26	22	25	27	29	29	27	18	21	28	39	47	47	34	44	30	33	28	37	42	32	27	31	28	30	37	29	37	27	31	33	31.5
OZARK	MAX	43	49	54	49	50	57	44	41	58	62	60	52	59	55	50	54	55	48	44	44	44	43	47	50	58	50	52	50	56	53	56	51.2
	MIN	18	20	24	32	27	22	23	15	19	31	31	40	45	31	38	28	29	27	34	38	29	20	27	23	29	36	20	28	25	33	36	28.3
PARAGOULO	MAX	37	41	45	39	46	49	42	34	50	59	54	50	47	51	49	46	37	42	44	40	47	42	40	44	49	46	42	43	42	51	59	45.4
	MIN	18	16	16	22	19	24	20	10	20	31	24	25	40	35	34	26	37	31	23	35	30	26	22	30	23	32	28	26	21	31	30	25.5
PARIS	MAX	40	49	53	48	48	52	47	41	56	61	61	55	58	57	50	53	56	50	45	45	44	42	45	50	60	56	50	58	55	57	51.4	
	MIN	20	17	20	23	22	20	22	15	17	30	28	40	44	33	37	34	30	26	30	38	27	18	24	23	27	35	30					

DAILY TEMPERATURES

ARKANSAS
JANUARY 1956

Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
SUBIACO	MAX	41	48	57	49	48	51	44	40	56	60	61	55	56	54	49	52	55	49	47	43	43	43	44	50	58	51	47	49	56	53	57	50.5 27.3
	MIN	18	17	22	25	22	22	16	14	19	32	33	38	42	34	37	34	26	26	31	36	25	20	25	23	28	35	29	29	28	34	34	
TEXARKANA WB AP	MAX	48	49	54	52	49	50	42	43	59	64	62	58	60	59	51	54	62	51	51	52	43	51	42	53	57	59	56	45	55	65	62	53.5 33.4
	MIN	27	28	27	28	30	34	26	19	28	32	44	47	43	35	36	32	39	31	39	36	32	28	33	29	37	40	33	34	30	38	39	
TURNPIKE	MAX																																
WALDRON	MAX	41	53	55	51	52	55	47	45	59	63	64	59	56	57	53	55	53	52	55	45	42	47	45	51	62	58	49	49	57	60	57	53.1 26.6
	MIN	17	16	16	19	20	19	23	14	16	30	29	41	43	35	38	36	27	21	35	40	27	21	26	21	27	32	23	26	23	27	38	
WALNUT RIDGE CAA AP	MAX	34	42	47	41	45	55	32	33	52	60	54	51	45	51	50	45	41	44	44	43	44	41	37	45	52	42	44	45	44	51	59	45.6 27.7
	MIN	20	18	25	25	21	28	15	13	22	31	28	29	40	39	34	29	26	31	28	36	30	27	26	29	25	33	28	32	24	37	30	
WARREN	MAX	42	47	52	51	52	50	42	33	57	63	67	62	53	58	55	52	60	59	58	52	53	49	44	50	56	57	55	49	57	65	71	53.9 32.2
	MIN	26	20	20	25	24	32	27	17	25	36	35	46	44	46	43	30	31	33	34	40	35	33	29	33	31	29	30	31	28	37	48	
WHITE ROCK	MAX	35	42	49	43	45	50	40	31	53	56	52	49	50	48	45	51	47	42	40	40	37	37	41	46	53	48	44	43	46	45	51	45.1 27.5
	MIN	15	24	30	27	25	32	14	9	25	37	42	38	38	39	31	27	32	20	28	32	19	14	28	23	32	28	28	27	30	31	29	
WILSON	MAX	38	41	45	47	47	49	42	31	52	59	59	61	59	50	47	45	38	39	43	44	50	40	40	38	40	40	42	40	47	52	62	46.0 28.1
	MIN	20	19	23	24	19	25	21	12	22	35	26	29	41	40	39	28	26	31	27	36	32	29	26	31	29	34	29	25	24	36	34	
WYNNE	MAX	40	43	47	43	49	48	45	32	51	57	57	56	51	50	50	46	45	43	44	51	40	42	40	41	48	46	44	41	51	56	64	47.1 28.5
	MIN	18	19	24	24	22	25	24	12	25	34	28	36	38	40	37	25	24	27	30	30	32	30	29	32	30	34	25	23	25	39	41	

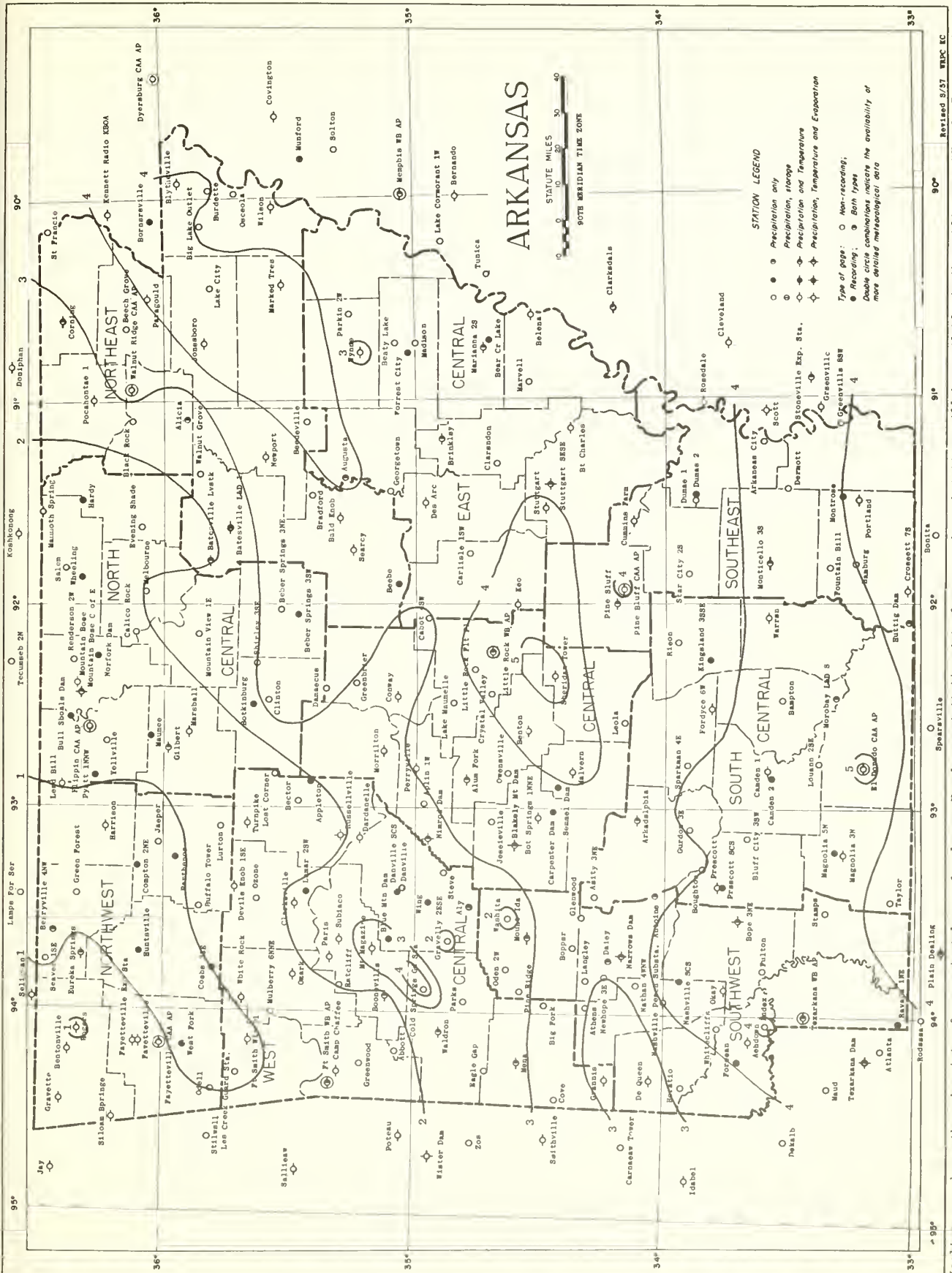
"Evaporation and Wind" Table for this issue may be found on Page 5.

SNOWFALL AND SNOW ON GROUND

Station	Day of month																																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31									
BATESVILLE L & D NO 1																							T																	
BLYTHEVILLE																								T																
CROSSETT 7 S																									2.0															
DUMAS 1																									2.8															
EUREKA SPRINGS																					2.0																			
FAYETTEVILLE CAA AP																					T	1.2			1.0															
FLIPPIN CAA AP																					T											.7								
FORT SMITH WB AP																					T	1.0		T																
GRAVETTE																					*	2.0		-											.3					
HOT SPRINGS 1 NNE																					T										T									
JONESBORO																					T																			
LITTLE ROCK WB AP																								T																
MAMMOTH SPRING																					T																			
MARIANNA 2 S																					T	T			2.5															
MARKEO TREE																					T	T			T															
MENA																					1.0		T																	
MONTICELLO 3 S																					T																			
OZARK																					-		1																	
PINE BLUFF CAA AP																											T													
ROGERS																					-			2		1		1												T
SEARCY																					T																			
WALORON																					1.0		1																	
WALNUT RIDGE CAA AP																															1.5									

TOTAL PRECIPITATION

JANUARY 1958

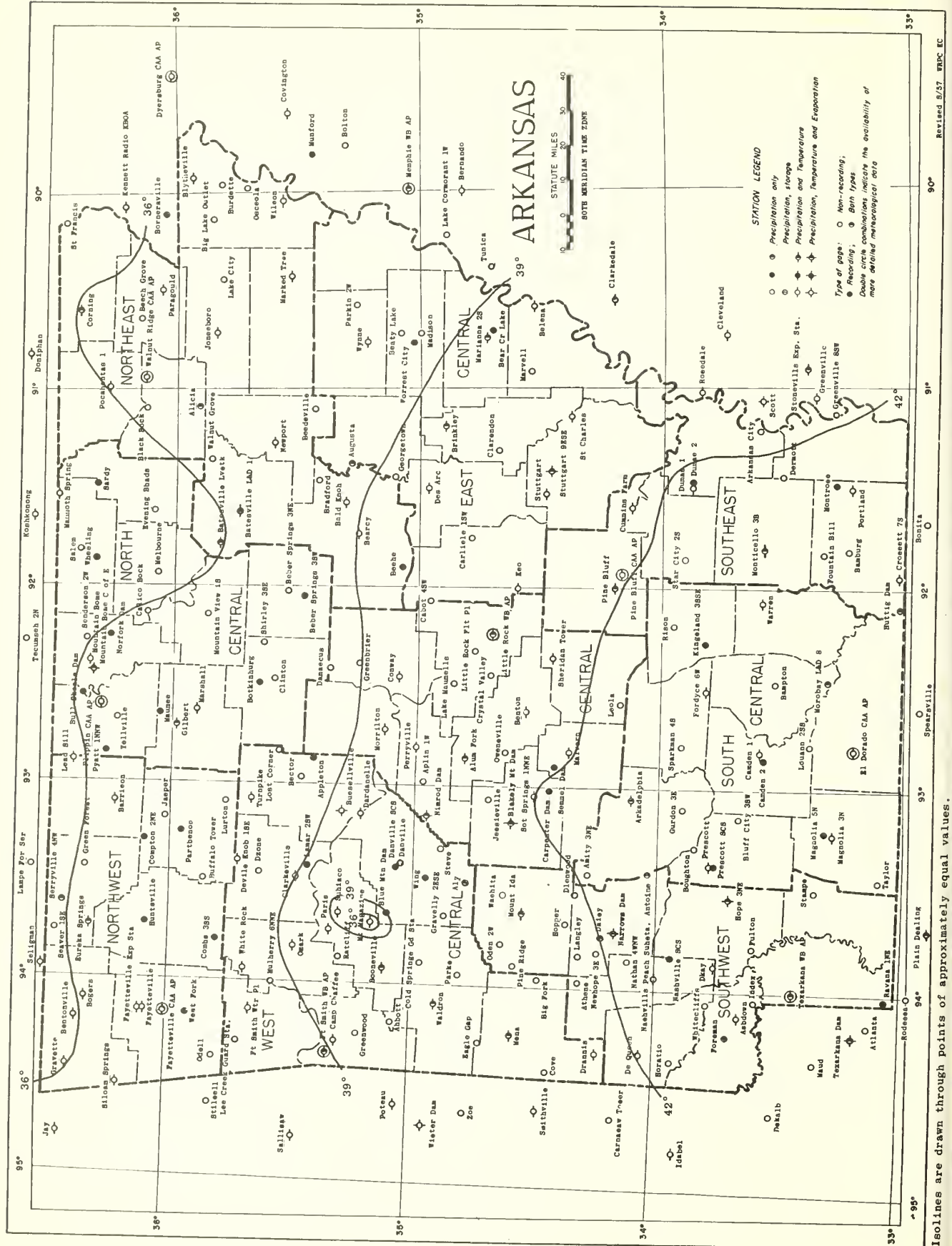


Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

Revised 8/57 WPC IC

AVERAGE TEMPERATURE

JANUARY 1958



Isolines are drawn through points of approximately equal values.

STATION INDEX

ARKANSAS
JANUARY 1958

Table with columns: STATION, COUNTY, DRAINAGE, LATITUDE, LONGITUDE, ELEVATION, OBSERVATION TIME AND TABLES, OBSERVER. Includes station data for Abbot, Alicia, Alum Fork, etc.

Table with columns: STATION, COUNTY, DRAINAGE, LATITUDE, LONGITUDE, ELEVATION, OBSERVATION TIME AND TABLES, OBSERVER. Includes station data for Magnolia 5 N, Malvern, Mammoth Spring, etc.

1. DRAINAGE CODE; 1. ARKANSAS 2. MISSISSIPPI 3. QUACHITA 4. RED 5. SAINT FRANCIS 6. SALINE 7. WHITE

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA Stations. For those stations snow on ground values are at 0600 C.S.T.

In the Station Index the letters C, B, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes and are published later in "Hourly Precipitation Data" Bulletin.
- B "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

Other Reference Notes

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Daily Precipitation" Table, "Evaporation and Wind" Table, "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

USCOMH-WB-Asheville -- 3-11-58 -- 950

30-18/5

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief



CLIMATOLOGICAL DATA

ARKANSAS

FEBRUARY 1958
Volume LXIII No. 2



CLIMATOLOGICAL DATA

ARKANSAS
FEBRUARY 1958

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No of Days			
										Max		Min						Total	Max Depth on Ground	Date	10 or More	50 or More	1.00 or More	
										91° or Above	37° or Below	32° or Below	10° or Below											
EAST CENTRAL DIVISION																								
BRINKLEY	45.0M	25.2M	35.1M	-10.6	70	24	9	17+	830	0	5	20	0	1.88	- 2.92	.64	26	2.1			5	1	0	
OES ARC	45.6	25.8	35.7		71	25	10	17	812	0	5	21	0	1.62		.50	15	3.5			4	1	0	
HELENA	46.4	28.9	37.7	- 8.8	67	25+	11	17+	760	0	5	20	0	3.03	- 1.73	2.09	27	T	T	15+	3	2	1	
KEO	47.9	29.2	38.6		71	24	15	17	735	0	3	18	0	1.31		.60	14				4	1	0	
MARIANNA 2 S	45.6	26.4	36.0	- 9.3	69	24	9	17	805	0	5	20	0	3.00	- 1.54	1.67	27				6	1	1	
SAINT CHARLES	47.3	28.8	38.1		71	1	15	17+	749	0	3	21	0	2.27		1.33	27	.5	T	15+	2	2	1	
STUTTART	49.1M	30.0M	39.6M	- 7.0	72	25	15	16	705	0	2	18	0	2.85	- 1.85	1.66	27				3	2	1	
STUTTART 9 ESE	45.5	28.5	37.0		68	26+	15	18+	774	0	5	21	0	1.69		.86	15				2	2	0	
WYNNE	44.0	26.1	35.1		70	25+	6	16	831	0	7	20	0	2.46		.85	26	3.7		3	17+	6	1	0
DIVISION																								
			37.0	- 8.8										2.23	- 2.43			2.0						
SOUTHWEST DIVISION																								
ASHMOON	53.3	31.9	42.6		71	25+	12	13	620	0	0	17	0	.95		.42	14				3	0	0	
OE QUEEN	53.0	31.3	42.2		74	25+	13	13	633	0	0	16	0	1.52		.75	6				5	1	0	
HOPE 3 NE	51.3	30.4	40.9	- 5.9	71	26+	15	13	668	0	1	18	0	1.08	- 3.33	.51	15				4	1	0	
MOUNT IOA	51.3	28.7M	40.0M	- 4.2	75	25	10	13	705	0	2	19	0	1.45	- 2.83	.66	6	1.5	1	10	3	1	0	
NARROWS OAM	52.3	27.4	39.9		73	25	11	13	696	0	2	18	0	1.28		.44	27				4	0	0	
NASHVILLE PEACH SUBSTA	51.1	28.8	40.0		72	25	11	13	694	0	1	18	0	1.32		.39	15				5	0	0	
OKAY	54.2	33.1	43.7	- 5.5	71	25+	14	13	592	0	0	14	0	1.00	- 3.01	.51	14	1.5	1	10	3	1	0	
TEXARKANA WB AP	R//	52.2	33.9	- 6.4	71	5	16	13	609	0	0	15	0	1.25	- 2.85	.72	14	1.6	1	10	3	1	0	
DIVISION																								
			41.6	- 5.2										1.23	- 2.88			1.5						
SOUTH CENTRAL DIVISION																								
ARKADELPHIA	53.1	31.5	42.3		72	25+	16	13	629	0	1	17	0											
CAMCEN 1	52.9	29.9	41.4	- 6.6	72	6	16	14+	655	0	1	17	0	1.98	- 2.46	.76	15				3	2	0	
EL OORADO CAA AP	51.8	32.6	42.2	- 7.6	71	5	14	13	632	0	1	16	0	2.78	- 1.82	1.30	14	2.5	3	10	4	3	1	
FOROYCE 6 W	51.4	31.3	41.4		69	27+	15	13	656	0	1	18	0	2.13		.73	14				5	2	0	
MAGNOLIA 3 N	52.2	32.3	42.3	- 8.1	67	6+	12	13	630	0	0	15	0	1.62	- 2.86	.67	15				4	2	0	
PRESCOTT	51.7	29.1	40.4	- 7.8	73	26	15	14+	684	0	3	19	0	1.11	- 3.44	.52	15				3	1	0	
WARREN	51.8	31.0	41.4	- 8.0	71	22+	16	13	652	0	1	18	0	2.44		1.18	14	.3	T	15+	5	2	1	
DIVISION																								
			41.6	- 6.7										2.01	- 2.49			1.4						
SOUTHEAST DIVISION																								
CROSSETT 7 S	53.6	30.1	41.9	- 7.3	70	22+	13	13	643	0	0	18	0	4.11	- .65	1.43	27	3.0	2	11+	6	3	2	
CUMMINS FARM	48.9	30.1	39.5		69	5	12	16	707	0	1	18	0	1.66		.73	26				3	2	0	
OMAS 1	49.2	28.9	39.1	- 9.0	69	25+	13	16	719	0	2	19	0	2.99	- 1.50	1.53	26				4	2	1	
MONTICELLO 3 S	51.2	29.9	40.6		70	22+	14	17	679	0	1	20	0	2.90		1.28	14				5	2	0	
PINE BLUFF	49.6	31.7	40.7	- 7.5	71	24	18	16+	675	0	1	18	0	2.24	- 2.58	.95	27	2.0	2	15	3	2	0	
PINE BLUFF CAA AP	47.9	30.7	39.3		69	25+	16	13	714	0	2	18	0	2.10		.97	26	1.0			1	14	3	
PORTLAND	50.8	29.8	40.3	- 8.8	71	1	19	13	685	0	2	19	0	2.81	- 1.98	1.40	27	2.0	2	10	4	2	2	
DIVISION																								
			40.2	- 8.4										2.69	- 1.97			2.0						

Highest Temperature 75 on the 25+ at 7 Stations.

Lowest Temperature - 3 on the 17 at Blytheville.

Greatest Total Precipitation 4.79 inches at Pocahontas 1.

Least Total Precipitation 0.65 inches at Perryville.

Greatest one-day precipitation 3.80 inches on the 15 at Pocahontas 1.

Greatest Total Snowfall 7.5 inches at White Rock.

Deepest Snow on Ground 5 inches on the 14 at Mount Magazine.

DAILY PRECIPITATION

ARKANSAS
FEBRUARY 1958

Station	Total	Day of month																																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
ARSHALL	2.45	.25				.89				.30																								.84			
ARVELL	-																																2.25				
ELBOURNE	1.86	.10				.78						.10			.20	.10																.58					
ENA	1.88					.67						.05			.16	.18															.03	.79					
ONTICELLO 3 S	2.90					.12						T			1.28	.23															.92	.35					
DROBAY L AND O NO 8	2.60					.39						.10			.04	1.41																					
ORRILTON	1.57	T				.57			.09			T			.04	.25			T												.66		T				
OUNT 10A	1.45					.66						.03				.31																.62					
OUNT MAGAZINE	2.70					.80																										.45					
OUNTAIN HOME 1 NNW	2.04	.08				.45					.72																					1.10	.30				
OUNTAIN HOME C OF ENG	1.55	.10				.57	.08					.06			.06	.02	T						T				T				.53	.13					
OUNTAIN VIEW 1 E	2.42	T				1.50	.12					T			T	.43															.37	T					
ULBERRY 6 NNE	2.25					.60						T			.15	.16																1.34	T				
ARROWS DAM	1.28					.35						.07			.12	.30																.84					
ASHVILLE PEACH SUBSTA	1.32					.31									.10	.39															T	.37					
ATHAN 4 NNW	1.39					.40						.08			.10	.28																.53					
EWHOPE 3 E	1.53					.35										.53																.65					
EWPORT	1.24	.16				.84						T		.03		.11							T									.10					
INROD DAM	1.30					.80									.06	.22																	.22				
OELL	2.65					1.29						.07			.02	.05																.32	.90				
OEN 2 W	1.38					.59						.03			.06	.08																.62					
KAY	1.00					.03						.12	T	.01		.51	.07															.26					
SCEOLA	3.67	.24				.84	.15								.47																	1.92	.05				
WENSVILLE	1.16					.38	T								.08	.38															.20	T					
ZARR	1.96					.46	T					T	T		.11	.17															.04	1.18					
ZONE	3.50			T		1.62	.03					.02			.03	.14																1.63	.03				
ARAGUOLO	02.54	0.10	T		T	1.37									.04	.30																.03	.70				
ARIS	1.62					.40						T			.33																	.59	.30				
ARKIN 2 W	2.50	.43				.50						.07																					1.29				
ARKS	2.00					.78											.21																1.22				
ARRVILLE	.65					.41																															
INE BLUFF	2.24					.38										.08																.16					
INE BLUFF CAA AP	2.10			T	.11	.09									.93	T																.97		.95			
INE RIDGE	1.40					.63							.07		.18	.10																.03	.39				
OCHONTAS 1	4.79	.20			T	.61	T									3.80																.18	T				
ORTLAND	2.81					.30						.11			T	1.00																1.40					
RESCOTT	1.11					.03						.20	.01		.07	.52																.28					
ATCLIFF	1.39					.38									.17																	.78					
ISON	1.37					.07									.05																		1.20				
OGERS	2.01	.05				1.38									.15																	.25	.12	.03			
USSELLVILLE	2.43					.69						T			.30																	.20	1.24				
AIN T CHARLES	2.27	.05														.89																1.33					
AIN T FRANCIS	2.07	.05	T			.55	.05									.27																1.35					
ALEM	1.62					.67									.30																	.60		.05			
EARCY	1.44	.20				.53	.05									.38																.28					
HERIOAN TOWER	2.62					.50									1.60																		.52				
HIRLEY 3 SE	-	.01				.93																										.78					
ILDAM SPRINGS	2.45	.02				1.62		T				.08			.01	T																.14	.55	.03			
PARCMAN 4 E	3.40											2.00				1.00																.40					
TAMPS	1.42					.06	T					.13		T		.67																.56					
TAR CITY 2 S	2.97					.35								1.00		.65																.97					
TEVE	01.34					.73										.05																.56					
TUTTIGART	2.85	.06				.15										.98																1.66					
TUTTIGART 9 ESE	1.69	.03				.05	.02									.86																.73					
UBIACO	1.52					.44									.29																	.51	.28				
AYLOR	1.73					.02						.36				.86																.49					
EXARKANA WB AP	1.25				T						.12				.72																	.38					
URRPIKE	2.24	T													.40																	1.20	.64				
ALORON	1.84					.86						.10	T			T																.23	.47				
ALNUT GROVE	3.26	.11				2.45						.04			.30	.06																.30					
ALNUT RIDGE CAA AP	1.92	T				.51	.73								.39																	.29	T				
ARREN	2.44					.18						.03			1.18	.21																.69	.15				
ASHITA	.85					.35	T								.10	.20																.20					
WHITE ROCK	2.97	.03				.92									.08	.12																.12	1.61		.04		
WHITELIFFS	1.11					.92						.10			.10	.23																.05	.20				
ILSON	3.50	.25				.04	.92									.55																1.74					
YNN	2.46	.35			T		.48								.18	.37																.85	.23				
WELVILLE	1.76	.08				.73						.04				.07	.05															T	.75	.04			

DAILY TEMPERATURES

ARKANSAS
FEBRUARY 1958

Station		Day Of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
ESBORO	MAX	42	37	36	38	57	55	42	32	28	27	36	34	39	33	33	30	23	30	33	41	49	50	63	72	71	67	56	53	43.1		
	MIN	24	27	14	22	35	36	24	18	12	21	17	15	16	23	26	2	4	11	15	13	28	44	28	44	40	48	38	24.9			
	MAX	49	49	38	50	70	63	41	36	34	30	37	34	40	37	36	32	26	39	40	46	61	63	65	71	70	61	63	47.9			
	MIN	28	27	19	25	40	38	29	23	26	27	20	22	16	30	29	16	15	23	20	22	35	44	35	39	41	45	48	29.2			
GO HILL	MAX	42	34	41	55	55	62	38	29	34	25	33	29	40	35	33	25	28	32	35	51	64	60	72	73	71	61	49	44.6			
	MIN	16	21	10	20	36	30	18	18	6	18	6	9	8	29	19	5	8	20	9	12	40	40	26	32	31	48	41	22.2			
TILE ROCK W8 AP	MAX	50	41	38	53	70	62	42	37	33	30	38	33	40	34	36	25	25	37	38	45	65	64	65	71	70	60	63	47.2			
	MIN	30	26	19	27	53	35	30	24	27	27	20	21	19	29	23	15	15	25	23	26	37	42	36	44	47	47	48	30.5			
NOLIA 3 N	MAX	52	51	45	57	67	67	44	45	45	40	43	37	44	44	43	42	34	47	47	49	65	64	64	64	64	65	66	52.2			
	MIN	27	27	20	30	54	40	33	23	29	25	23	30	12	33	32	22	23	18	25	35	38	39	40	40	45	49	48	32.3			
VERN	MAX	55	54	45	55	71	67	47	44	40	33	44	40	43	40	39	36	28	46	48	48	64	71	70	72	73	66	65	52.4			
	MIN	25	26	15	20	49	43	33	19	26	27	18	25	15	29	29	17	20	25	20	21	38	41	40	40	45	49	48	29.0			
WOTH SPRING	MAX	39	34	39	43	60	55	36	29	25	28	35	33	39	35	33	19	27	31	39	40	59	58	67	74	68	64	57	43.3			
	MIN	17	22	10	20	36	31	18	15	14	18	8	8	10	26	19	-1	-1	17	9	18	30	41	20	28	38	47	42	21.2			
LIANNA 2 S	MAX	58	41	36	40	63	61	40	35	32	28	36	34	38	37	34	29	24	30	37	45	55	55	63	69	68	66	62	45.6			
	MIN	28	26	18	22	34	37	27	22	22	22	17	19	18	26	27	10	9	14	15	19	30	37	29	37	41	45	47	26.4			
KEO TREE	MAX	45	38	33	38	59	57	37	33	28	25	31	30	37	34	32	22	20	29	33	38	48	49	60	72	71	68	58	42.3			
	MIN	25	28	16	25	35	35	25	20	19	21	17	18	17	28	22	5	4	5	14	14	21	32	32	36	40	47	46	38	24.1		
SHALL	MAX	43	35	42	52	63	40	35	35	27	25	31	34	41	35	29	24	29	38	36	50	64	63	70	73	70	68	61	45.2			
	MIN	15	22	8	37	35	30	15	16	15	18	8	9	8	15	22	6	9	23	14	18	38	47	37	43	36	42	50	24.2			
IA	MAX	53	46	50	52	64	60	39	48	42	37	37	32	41	35	34	28	32	50	54	46	66	74	72	74	73	63	58	50.5			
	MIN	24	28	16	31	51	37	25	21	30	25	18	20	12	30	25	16	21	20	25	32	39	39	39	40	46	51	41	29.8			
TICELLO 3 S	MAX	63	50	48	54	70	67	44	43	39	34	40	37	43	42	39	34	27	43	43	49	63	70	67	66	65	62	66	51.2			
	MIN	27	20	26	28	53	31	27	20	29	20	23	20	15	28	32	18	14	26	25	23	31	38	38	40	43	44	51	29.9			
IRLTON	MAX	50	44	41	48	66	64	43	40	35	30	39	36	40	38	36	32	27	39	41	48	65	65	66	72	73	62	57	48.3			
	MIN	27	29	16	24	42	37	29	21	26	25	19	19	16	29	27	14	16	24	18	23	38	45	31	36	40	53	41	28.6			
JNT 10A	MAX	55	42	52	59	68	55	46	46	39	37	40	34	41	35	36	32	28	48	52	48	65	72	70	72	75	70	62	51.3			
	MIN	25	28	16	26	48	46	28	17	28	25	17	23	10	30	27	18	20	23	20	28	33	34	31	72	45	48	45	28.7			
JNT MAGAZINE	MAX	38	36	35	44	55	53	32	32	27	23	28	23	31	30	26	18	20	41	44	46	56	58	61	63	65	61	46	40	40.4		
	MIN	15	24	9	27	41	28	15	18	18	18	10	8	8	15	12	3	4	16	16	26	31	35	41	45	44	40	31	23	22.2		
JNTAIN HOME 1 NNW	MAX	39	35	39	48	60	59	34	32	26	25	32	30	37	36	31	28	32	30	37	47	66	61	69	71	67	67	53	44.0			
	MIN	18	22	11	22	34	31	19	17	17	18	12	9	11	27	21	3	3	16	13	19	35	42	31	44	42	41	40	23.2			
JNTAIN HOME C OF ENG	MAX	57	38	29	39	49	60	35	33	29	26	25	33	30	38	33	29	24	26	30	37	48	66	59	70	73	70	57	42.5			
	MIN	18	18	10	11	31	34	19	17	17	17	9	9	9	11	23	4	4	6	13	13	16	38	28	30	37	41	44	20.0			
BROWS OAM	MAX	62	59	48	49	57	69	53	46	50	43	33	45	39	42	43	41	32	31	51	52	48	65	71	70	73	72	58	52.3			
	MIN	22	22	16	18	36	46	31	20	21	28	20	24	11	12	30	20	21	19	21	25	34	34	39	34	38	40	47	27.4			
SHVILLE PEACH SUBSTA	MAX	62	55	46	56	57	68	51	45	47	40	33	43	37	40	38	40	36	32	50	44	47	63	69	70	72	70	59	51.1			
	MIN	25	29	17	17	36	47	29	23	28	25	23	24	11	12	30	18	21	19	22	26	34	39	39	40	43	44	48	28.8			
SPORT	MAX	48	36	40	40	61	58	40	35	32	28	39	36	39	36	34	28	27	32	37	44	55	56	66	75	72	66	56	45.3			
	MIN	26	28	16	25	38	36	26	21	20	24	19	16	15	30	25	7	8	15	16	16	30	43	28	34	42	50	43	26.3			
BROO OAM	MAX	61	51	43	45	57	68	48	42	40	33	30	40	35	43	34	36	27	28	44	46	49	65	69	69	74	73	57	48.8			
	MIN	23	31	45	23	31	45	30	20	22	24	17	19	10	13	28	11	17	12	17	20	26	40	30	34	39	42	43	26.0			
AY	MAX	56	54	49	59	71	70	48	48	46	41	45	43	42	41	40	40	35	50	48	48	65	70	70	71	71	67	65	54.2			
	MIN	28	29	20	32	54	46	33	22	32	27	24	27	14	33	33	21	25	20	24	36	41	38	39	38	46	52	50	33.1			
ARK	MAX	50	48	42	45	64	59	42	40	38	32	40	35	36	36	33	28	26	44	44	45	62	69	69	72	73	65	52	47.8			
	MIN	25	26	16	30	45	35	25	21	27	26	18	19	12	30	27	13	21	26	25	33	40	38	40	38	39	47	47	29.4			
RAGOULO	MAX	47	38	36	36	60	55	45	33	30	28	34	33	37	33	32	28	23	28	34	40	46	49	57	70	70	67	58	42.7			
	MIN	21	25	13	21	32	33	20	16	15	19	14	12	13	27	25	0	-2	1	9	8	22	36	24	35	38	46	45	21.6			
RIS	MAX	48	47	43	55	66	63	40	40	40	35	39	35	41	40	36	31	28	45	46	48	61	70	71	74	74	67	54	49.6			
	MIN	24	28	15	23	44	39	26	20	29	26	15	20	14	30	25	11	20	35	21	25	39	41	42	36	37	49	50	28.9			
RRYVILLE	MAX	49	47	51	51	69	68	43	42	39	32	42	37	41	40	36	33	30	38	41	51	67	64	68	75	75	69	57	50.5			
	MIN	28	25	17	23	47	40	27	18	27	25	15	20	18	31	28	21	14	25	28	22	38	39	34	38	37	50	38	28.9			
NE BLUFF	MAX	54	48	41	53	70	62	43	39	34	34	39	35	44	37	37	34	30	42	43	48	65	63	64	71	69	61	68	49.6			
	MIN	28	28	21	27	50	38	30	25	29	28	22	24	18	32	32	18	19	25	24	26	37	42	36	40	47	51	45	31.7			
NE BLUFF CAA AP	MAX	51	47	38	53	69	63	4																								

DAILY TEMPERATURES

ARKANSAS
FEBRUARY 19:

Station		Day Of Month																															Average		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
SUBIACO	MAX	48	46	41	55	67	62	41	40	38	33	39	36	40	40	35	32	28	44	50	48	59	70	69	73	73	68	61	50						49.27
	MIN	23	27	16	24	44	37	24	19	27	24	16	17	15	28	24		12	18	24	21	27	34	41	34	39	40	53	41	31					
TEXARKANA W8 AP	MAX	55	51	48	61	71	62	46	47	43	33	42	39	43	39	43	37	35	49	46	48	64	68	69	70	68	60	65	59						52.33
	MIN	29	30	23	37	54	39	31	25	30	27	26	22	16	34	31		23	25	20	28	38	40	44	42	42	48	52	50	43					
TURNPIKE	MAX	44	31	37	45	57	52	35	30	26	23	32	27				20	22	35			39	55	61	61	67	66	60	46	42					41.23
	MIN	19	22	9	25	44	28	17	14	15	15	13	9	14	20	12		3	11	14	17	24	25	37	37	46	48	43	34	28					
WALORON	MAX	52	50	49	59	68	62	41	44	42	35	37	35	43	42	34	32	31	48	50	48	68	70	71	74	75	68	58	56						51.29
	MIN	22	25	16	29	52	38	25	20	30	25	16	20	10	31	26		16	20	23	23	34	42	36	35	35	36	54	46	31					
WALNUT RIDGE CAA AP	MAX	41	34	37	38	57	53	34	31	26	27	36	33	36	33	32	21	22	31	34	43	48	52	61	72	68	64	54	47						49.22
	MIN	23	21	14	24	38	31	24	18	17	20	17	14	16	28	11		2	2	5	10	10	29	33	26	38	40	49	44	36					
WARREN	MAX	56	51	43	54	71	65	46	45	40	35	41	39	45	39	39	34	28	46	49	53	65	71	70	66	65	63	66	64						51.31
	MIN	28	27	20	26	49	43	30	23	30	24	22	26	16	30	32		19	21	21	22	22	37	40	37	39	44	49	49	43					
WHITE ROCK	MAX	45	39	36	40	56	54	30	31	29	27	33	24	31	30	30	20	20	38	39	39	55	60	61	67	67	61	42	40						40.23
	MIN	28	27	20	26	39	27	13	14	17	16	12	6	9	17	15		4	12	16	23	27	33	45	40	47	49	40	42	24					
WILSON	MAX	52	43	36	39	58	58	38	36	29	25	33	32	36	35	33	28	19	26	30	38	59	58	61	71	72	66	65	54						43.23
	MIN	26	28	15	22	29	36	23	18	17	19	15	16	15	30	26		0	0	2	8	9	21	39	28	39	49	48	49	39					
WYNNIE	MAX	59	37	36	39	62	59	38	34	29	26	34	32	37	34	31	29	22	29	34	41	51	51	62	70	70	68	66	51						44.26
	MIN	25	25	18	23	39	38	26	20	21	21	17	18	17	21	29		6	7	10	13	26	26	42	26	38	43	51	46	40					

EVAPORATION AND WIND

Station		Day of month																															Total in Avg.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
BLAKELY MOUNTAIN OAM	EVAP	*	*	*	*	.37	.02	*	*	*	*	*	*	*	*	*	*	*	*	*.81	.04	.09	.08	.10	.07	.01	.12							1.71
	WIND	88	49	94	16	21	20	97	50	26	38	30	61	64	29	52	77	40	20	22	15	22	15	21	18	14	22	52	67					1130
HOPE 3 NE	EVAP	.18	.08	-	-	.08	.08	.11	*	.18	*	*	*	.56	*	*	*	*	*	.78	.07	.11	.10	.09	.08	.10	-	-						3.038
	WIND	97	45	87	24	88	70	115	54	34	37	55	52	63	25	74	85	41	16	16	13	12	16	23	16	20	60	104	118					1460
NARROWS OAM	EVAP	*	*	*	.41	.05	.04	*	*	.21	*	*	*	*	*	*	*	*	*	.60	.18	.12	.08	.11	.10	.07	.10	.25						2.32
	WIND	115	33	66	32	71	41	86	47	28	25	21	53	61	42	53	67	40	22	26	24	23	43	25	51	24	48	95	102					1364
NIMROO OAM	EVAP	*	.13	*	.10	.02	.12	.02	*	*	*	*	*	*	*	*	*	*	*	.54	.05	.05	.06	.08	.06	.03	.12							1.38
	WIND	59	23	33	22	22	15	23	29	15	25	5	15	19	6	24	19	17	13	13	16	17	7	15	10	9	23	43	45					582
STUTTGART 9 ESE	EVAP	*	*	*	.29	.03	*	*	*	*	*	*	*	*	*	*	*	*	*	.58	.04	.04	.08	.07	*	.18								1.31
	WIND	250	57	98	32	86	78	61	34	49	35	40	33	48	41	28	81	65	20	25	10	19	41	27	7	27	83	162	246					1783

SNOWFALL AND SNOW ON GROUND

Station		Day of month																																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
BATESVILLE L & O NO 1	SNOWFALL SN ON GNO	.1																																			
BLYTHEVILLE	SNOWFALL SN ON GNO	.6																																			
BRINKLEY	SNOWFALL SN ON GNO	T																																			
CAMDEN 1	SNOWFALL SN ON GNO																																				
CONWAY	SNOWFALL SN ON GNO	.5																																			
CORNING	SNOWFALL SN ON GNO	1.0	1.3																																		
CROSSETT 7 S	SNOWFALL SN ON GNO																																				
OE QUEEN	SNOWFALL SN ON GNO																																				
OEVILS KNOB	SNOWFALL SN ON GNO	T																																			
OUMAS 1	SNOWFALL SN ON GNO																																				
EL OORAO CAA AP	SNOWFALL SN ON GNO																																				
EUREKA SPRINGS	SNOWFALL SN ON GNO	3.0																																			
FAYETTEVILLE CAA AP	SNOWFALL SN ON GNO																																				
FLIPPIN CAA AP	SNOWFALL SN ON GNO	T																																			

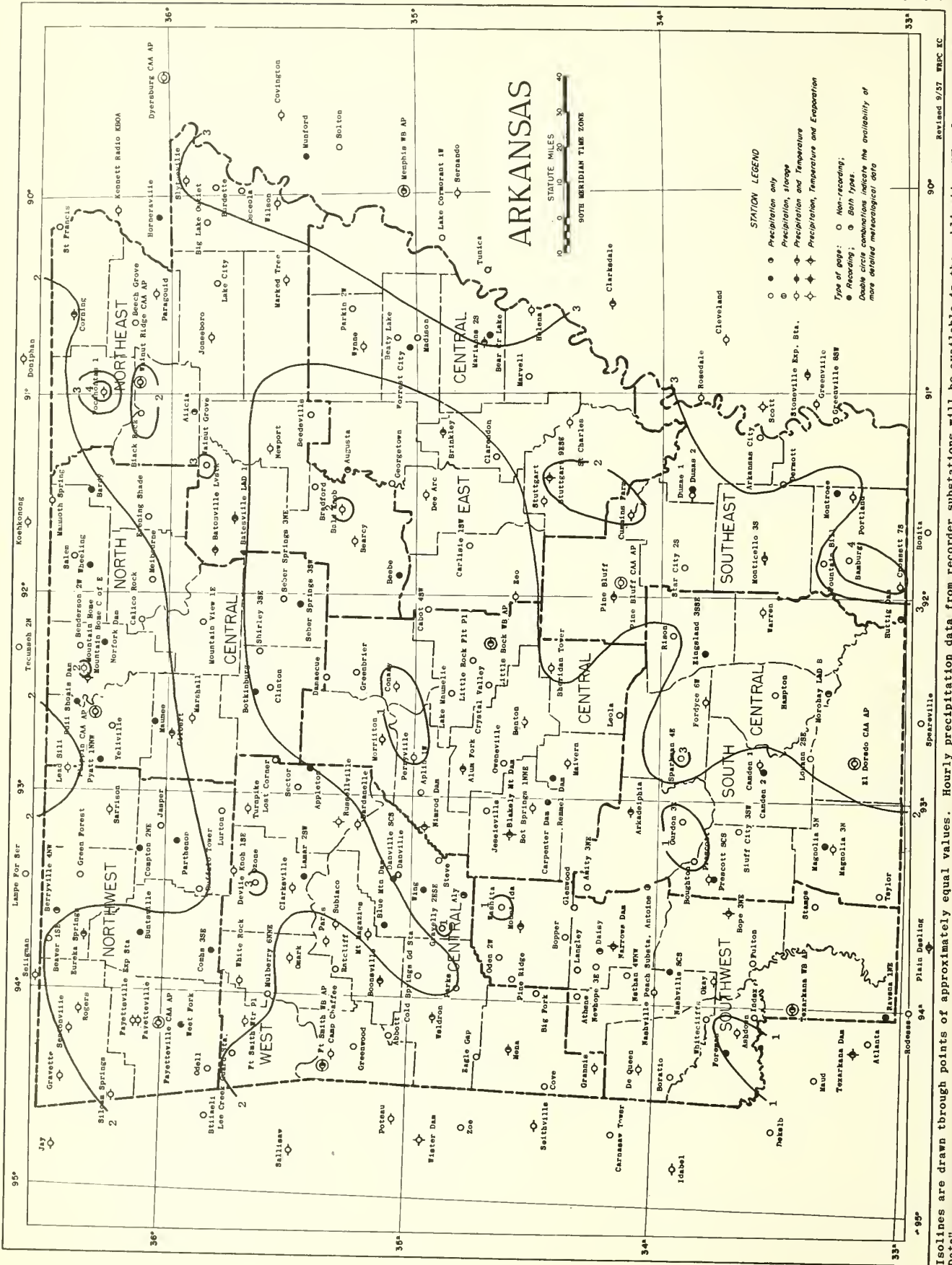
SNOWFALL AND SNOW ON GROUND

ARKANSAS
FEBRUARY 1958

Station	Day of month																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FORT SMITH WB AP		T							.3	.1					3.4	T	1	T														
									T						T	.2	.1															
GILBERT	1.0					T				T	T			.5	1.0																	
	-																															
GRAVETTE										1.0				.5	T														1.0			
HOT SPRINGS 1 NNE											T								T													
JONESBORO												T			3.5																	
LITTLE ROCK WB AP	T									T				4.2	T																	
															T	1	T	T	T													
MAGNOLIA 3 N										2.5		T																				
										3																						
MAMMOTH SPRING	-																															
	1	-									T				1	2	T	T	T													
MARIANNA 2 S																																
MARKEO TREE																																
	1										T				T																	
MENA																																
MONTECELLO 3 S																																
MOUNT IOA										.5					1.0																	
										1	T	T	T	T	T	T	T	T	T													
NEWPORT																																
OZARK																																
											T																					
PINE BLUFF CAA AP																																
															1.0																	
PRESCOTT										2.0	.1																					
										2	T																					
ROGERS	.8									.8																						
	1	T	T							1	1	T																				
RUSSELVILLE																																
SEARCY															3.0																	
STUTTIGART 9 ESE																																
TEXARKANA WB AP									1.2	.3					.1																	
										1																						
WALORON										1.0					2.0	T		T														
											T				1																	
WALNUT RIOGE CAA AP	T													4.5																		
	2														1	1	1	1	1	1	1	T										

TOTAL PRECIPITATION

FEBRUARY 1958



STATION LEGEND

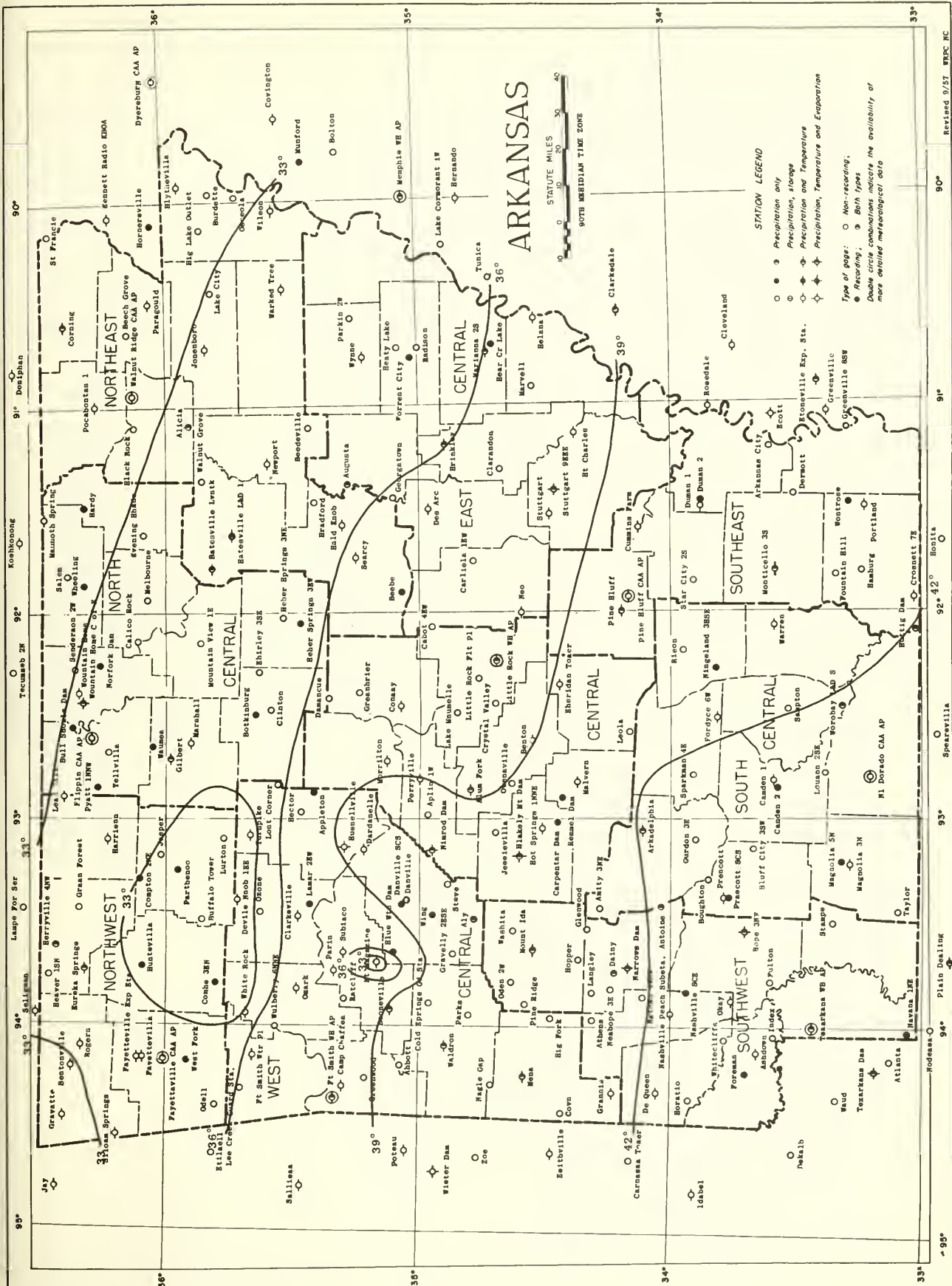
- Precipitation only
- Precipitation, storage
- Precipitation and Temperature
- Precipitation, Temperature and Evaporation

Type of page: ○ Non-recording;
 ○ Recording; ○ Both types.
 Double circle combinations indicate the availability of more detailed meteorological data

Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

FEBRUARY 1958



Isolines are drawn through points of approximately equal values.

STATION INDEX

ARKANSAS
FEBRUARY 1958

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES			OBSERVER
							TEMP.	PRECIP.	EVAP.	
ABBOTT	0004	SCOTT	1	35 04	94 12	624	7A			JAMES V. WILLIAMS
ALICIA	0024	LAWRENCE	1	35 34	91 03	726	7A			RUBY S. DREHNS
ALUM FORD LK	0130	SALINE	1	34 48	92 52	754	5P			L R WATERWORKS
ALY	0134	YELL	1	35 17	92 52	854	7A			W. SWAIN
ANALITY 3 NE	0130	CLARK	3	34 17	93 25	-	7A			ALTA F. GARNER
ANTOINE	0178	PIKE	3	34 02	93 25	283	8A			DREW A. LAMB
APLINTON	D188	PERRY	1	34 58	93 00	400	7A			HOBART JAMES
ARLEY W	0196	POPE	1	35 25	92 53	522	7A			JOHN A. WATTS
ARACAPHELPA	0220	CLARK	3	33 07	93 03	700	6P			TILLMAN E. LAWRENCE
ARKANSAS CITY	0234	DESHA	2	33 37	91 12	145	6A			JOHN W. TRAMMELL
ASHDOWN	0284	LITTLE RIVER	4	33 40	94 08	129	7P			SW GAS AND ELECTRIC
ATMENS	D100	HOWARD	4	34 19	93 50	240	7A			ARRA D. PARKER
AUGUSTA	0324	WOODRUFF	7	35 17	91 22	318	7A			HOMER W. CRANEY
BALTO-KNOB	0350	WHITE	7	35 18	91 34	930	6P			UNIV OF ARKANSAS
BATESVILLE LIVESTOCK	0458	INDEPENDENCE	9	35 47	91 47	571	9A			UNIV OF ARKANSAS
BATESVILLE L AND O I	0460	INDEPENDENCE	7	35 45	91 37	571	9A			JAMES J. MITCHUM
BEAR CREEK LAKE	0496	LEE	7	34 43	92 42	220	7A			U S FOREST SERVICE
BEATY LAKE	0532	ST FRANCIS	5	33 59	90 43	400	5P			G. ADAMSON
BEAVER I SE	0510	CARROLL	7	36 28	93 46	930	7A			HARVEY E. SKELTON
BEBE	0530	WHITE	7	35 04	91 53	250	7A			M. W. MORRISON
BEECH GROVE	0534	GREENE	7	36 09	90 38	298	8A			B. B. HARRISON
BEDEVILLE	0574	YACKSON	9	36 28	90 35	221	8A			PA. BRECKENRIDGE
BENTON	0582	SALINE	6	34 33	92 37	285	5P			ETTA C. BURKS
BENTONVILLE	0586	BENTON	1	36 22	94 13	1295	6P			EARLE L. BROWN
BERRVILLE 4 NW	0616	CARROLL	7	36 26	93 74	78	7A			DAVID L. STOWAN
BIG FORK	0664	POLK	3	34 29	93 58	1100	7A			ANNA M. LILES
BIG LAKE OUTLET	0746	MISSISSIPPI	1	35 42	90 46	221	8A			W. H. DOUGLAS
BLACK ROCK	0746	LAWRENCE	1	36 07	91 06	259	7A			LEE W. MCKENNEY
BLACKHILL MOUNTAIN DAM	0764	GARLAND	4	36 36	91 11	44	8A	8A		U S ENGINEERS
BLUE MOUNTAIN DAM	0772	DESHA	1	35 06	92 55	500	8A			U S ENGINEERS
BLUFF CITY 3 SW	D800	NEVADA	3	33 41	93 09	360	7A			CATHERINE WHITE
BLUFFVILLE	0804	MISSISSIPPI	5	35 56	89 55	252	6P			JIVY W. CRAWFORD
BOONEVILLE	0830	LOGAN	1	35 09	93 55	511	7P			GLEO E. YANDELL
BOKESBURG	0842	VAN BUREN	9	33 22	92 30	1226	7A			H. W. BRADSHAW
BOUGHTON	0848	NEVADA	3	33 52	93 20	235	7A			IRIS ELMORE WICKER
BRADFORD	0872	WHITE	7	35 25	91 28	240	7A			MARSHALL HICKOM
BRINKLEY	0936	MONROE	7	34 54	91 10	205	5P			RICHARD E. WEIS
BUFFALO TOWER	1010	HENTON	7	35 52	93 50	327	6P			BEULAH F. FOWLER
BURK SHIELDS DAM	1020	BARTER	2	35 49	92 34	460	6P			U S ENGINEERS
BURDETTE	1052	MISSISSIPPI	2	35 49	89 57	240	7A			G. A. HALE
CABOT A	1102	PULASKI	3	34 57	92 04	289	5P			B. W. WALTER
CALICO ROCK	1132	IZARD	7	36 08	92 08	400	7A			AUSTIN O. HARRIS
CANDEN 1	1152	OUACHITA	3	33 52	92 16	161	7A			H. W. BRADSHAW
CANDEN 2	1154	OUACHITA	3	33 52	92 15	155	7A			EDITH Z. LEHMAN
CAMP CHAFFEE	1172	SEBASTIAN	1	35 18	94 18	419	8A	8A		CECIL E. STAMPS
CARLISLE 1 SW	1224	LONoke	1	34 47	91 55	232	8A			JOHN L. TAIT
CARLETON DAM	1238	GARLAND	4	34 27	93 01	273	7A			ARK PWR LGT CO
CLARENDON	1442	MONROE	7	34 41	91 45	175	7A			R. F. NOLVEN
CLARKSVILLE	1455	JOHNSON	1	35 28	93 28	436	6P			DR. IRVING T. BEACH
CLANTON	1492	VAN BUREN	9	35 35	92 28	510	7A			EARL B. RICE
CLOND SPRINGS GUARD STAT	1520	SCOTT	3	34 58	93 54	1250	7A			MARGARET ZORNES
COMBS 3 SE	1574	MADISON	5	35 48	92 48	1400	6A			MAUDE C. BRIDGERS
COLD 2 NE	1582	HENTON	7	36 06	93 18	216	7A			WILLIAM L. BINAN
CONWAY	1596	Faulkner	1	35 05	92 28	318	5P			CLARENCE S. WILLIAMS
CORNING	1632	CLAY	1	36 24	92 58	6P	7P			H. LAUBACH
COVE	1666	POLK	4	34 26	94 25	1050	7A			JOE C. ALLEN
CROSSLET	1730	ASHLEY	3	33 02	91 36	510	5P			U S FOREST SERVICE
CRYSTAL VALLEY	1750	PULASKI	3	34 42	92 26	350	7A			BILLIE JO YOUNG
CUMMINS FARM	1768	FARGOLAN	3	34 08	93 17	676	6P			CUMMINS PEARL FARM
DAISY	1814	PIKE	3	34 13	94 14	129	7A			FERNA JONES TOWER
DAMASCUS	1820	Faulkner	1	35 22	92 25	705	7A			WILLIAM A. BROWN
DANVILLE	1834	YELL	1	35 03	93 24	370	7A			J. A. MOODY
DANVILLE SCS	1835	YELL	1	35 03	93 24	370	7A			SOIL CONS SERVICE
DARLAND	1838	YELL	1	35 09	93 24	370	7A			GREGG GOODIER
DE QUEEN	1948	SEVIER	4	34 02	94 21	420	5P			D. TUCKER WASSER
DERMOTT	1960	CHICOT	2	33 31	91 26	140	8A			L. W. SIMS
DES ARC	1968	PRAIRIE	1	34 58	91 30	204	7A			J. C. RISTER
DEVILS KNOB	1982	JOHNSON	1	35 43	92 56	2350	5P			H. EMMETT C. CAMPBELL
DUMAS 1	2148	DESHA	2	33 53	91 16	710	7P			SEN JOHNSON
DUMAS 2	2150	DESHA	2	33 53	91 16	710	7P			ARK PWR LGT CO
EAGLE GAP	2204	SCOTT	1	34 43	94 19	1105	7A			STATION INACTIVE
EEL DORADO CAA AP	2300	UNION	3	33 13	92 48	252	MID MID			U S CIVIL AERO ADM
ELKURA SPRINGS	2354	NEWTON	3	33 44	94 26	6P	7A			H. W. BRADSHAW
EVENING SHADE	2366	SHARP	7	36 05	91 37	490	7A			OPHA MULLY
FAYETTEVILLE	2442	WASHINGTON	1	36 05	94 10	1370	7P			CHARLES F. FORD
FAYETTEVILLE CAA AP	2443	WASHINGTON	7	36 00	94 10	1253	MID MID			U S CIVIL AERO ADM
FAYETTEVILLE EXP STA	2444	WASHINGTON	1	36 06	94 10	1270	5P			UNIV OF ARKANSAS
FILKIN CAA AP	2528	CLARK	3	33 49	93 36	910	MID MID			U S CIVIL AERO ADM
FORDYCE 6 W	2540	DALLAS	3	33 49	92 31	280	5P			ARK FORESTRY COMM
FOREMAN	2544	LITTLE RIVER	4	33 43	94 24	400	7A			LESLIE P. CALLENS
FORREST CITY	2564	ST FRANCIS	5	35 01	90 47	261	7A			C. THOMAS A. MOORE
FORT SMITH WB AIRPORT	2574	SEBASTIAN	1	35 20	92 18	210	MID MID			U S WEATHER BUREAU
FORT SMITH WATER PLANT	2578	CRAWFORD	1	35 39	94 09	793	5P			R. J. SCHOEPPE
FOUNTAIN HILL	2598	ASHLEY	3	33 21	91 50	175	6P			STATION INACTIVE
FULTON	2670	HEMPSTEAD	4	33 37	93 48	200	8A			U S CIVIL AERO ADM
GEORGETOWN	2760	WHITE	7	35 07	91 26	200	7A			BESSIE E. ARERS
GILBERT	2794	SEVIER	4	35 59	92 43	595	6P			C. ELLI JORDAN
GLENWOOD	2862	PIKE	3	34 20	93 33	547	7A			MRS. OLA CANTRELL
GRAVELLY 1	2904	LARK	3	34 18	93 18	490	7A			STATION INACTIVE
GRAVELLY 2 ESE	2922	YELL	1	34 52	93 39	498	7A			WILLIE BRENGERASS
GRAVETTES	2930	BENTON	1	36 24	94 28	1250	5S	5S		H. ELSON B. SCHMIDT
GREEN FORES7	2946	CARROLL	7	36 20	93 26	1350	7A			OBEID B. WILSON
GREENHURST	2962	Faulkner	1	35 14	92 33	300	8A			MARVIN C. CANTRELL
GREENWOOD	2984	SEBASTIAN	1	35 13	94 15	518	7A			LOUIS H. BRIDGES
GREENWOOD 3 E	3074	CLARK	3	33 54	93 06	290	7A			ROY S. ROBBS
HAMBURG	3088	ASHLEY	3	33 14	91 48	177	6P			A. JAMES LINDER
HAMPTON	3098	CALHOUN	3	33 32	92 28	202	6A			SOIL CONS SERVICE
HARDY	3132	SHARP	7	36 19	91 29	362	6P			THeresa DONALDSON
HARRISON	3164	BOONE	7	36 14	93 07	1150	6P			SEA GRAY BECH
HEBER SPRINGS 3 NE	3228	LEBURN	7	35 32	92 01	525	7A			LESTER B. LOGAN
HEBER SPRINGS 3 SW	3230	LEBURN	7	35 28	92 03	-				WAYNE STARK
HECTOR	3235	POPE	1	35 28	92 58	555	7A			MRS. BOBBY A. BRYAN
HELENA	3242	PHILLIPS	7	34 32	90 35	200	6P			CHARLEY H. FRIODAY
HENDERSON 2 W	3258	BARTER	2	36 22	92 16	580	7A			LUCY A. BENTZIER
HOPE 3 NE	3426	HEMPSTEAD	4	33 43	93 35	375	8A	7A		UNIVERSITY OF ARKANSAS
HOPPER	3438	MONTGOMERY	3	34 22	93 41	700	7A			LONA A. SHIELDS
HORATIO	3462	SEVIER	4	33 56	94 22	337	8A			ELIZABETH H. FRIDAY
HOT SPRINGS 1 NNE	3460	GARLAND	4	33 31	93 03	110	5P			MATL. PARK SERVICE
HUNTSVILLE	3540	MADISON	5	36 05	95 44	1453	5P			MAY PEARL MARLEY
HUTTIG DAM	3556	UNION	3	33 02	92 05	80	8A			CORPS OF ENGINEERS
INDEX	3584	LITTLE RIVER	4	33 35	94 03	300	8A			W. E. McDowell
JACKER	3600	NEWTON	3	34 33	93 05	230	6P			LOTTIE B. BAILEY
JESSIEVILLE	3704	GARLAND	4	34 42	93 04	730	7A			LURA B. SYCES
JONESBORO	3734	CRAIGHEAD	7	35 50	90 42	345	6P			H. BENEDICTINE SISTERS
LEE	3862	LONoke	1	34 32	92 00	360	7P			B. J. BRADSHAW
KINGSLAND 3 SSE	3904	CLAY	1	33 56	92 14	214	7A			ARK FORESTRY COMM
LAKE CITY	3990	CRAIGHEAD	7	35 49	90 26	230				

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA Stations. For those stations snow on ground values are at 0600 C.S.T.

In the Station Index the letters C, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes and are published later in "Hourly Precipitation Data" Bulletin.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

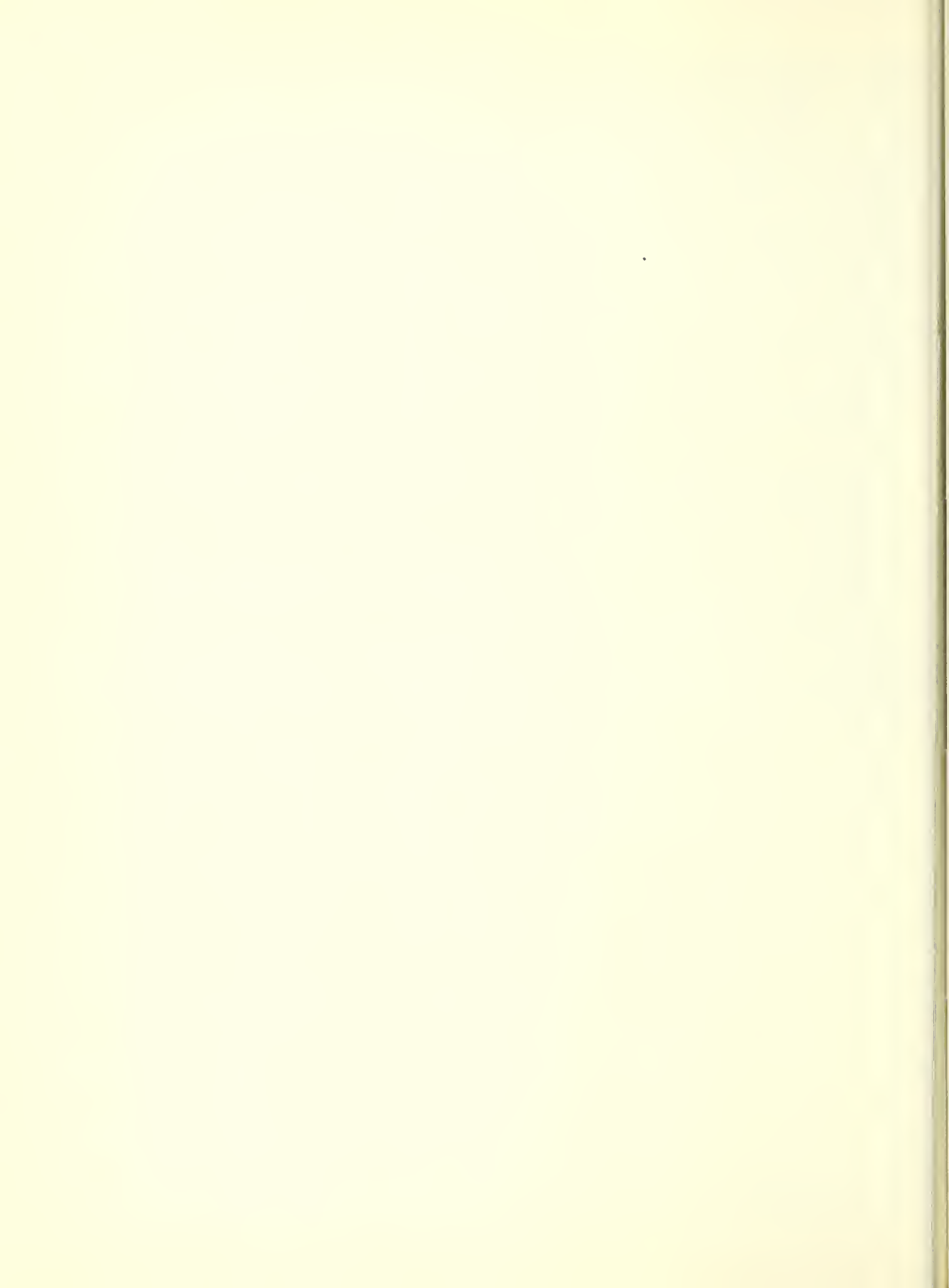
Other Reference Notes

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry. Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Daily Precipitation" Table, "Evaporation and Wind" Table, "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

USCOMM-WB-Asheville -- 4-2-58 -- 950







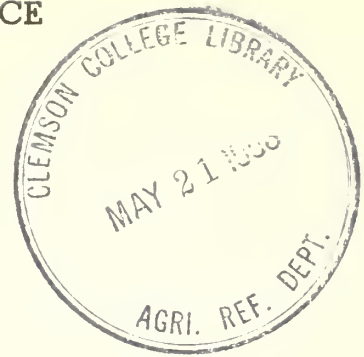
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U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief



CLIMATOLOGICAL DATA

ARKANSAS

MARCH 1958

Volume LXIII No. 3



SUPPLEMENTAL DATA

ARKANSAS
MARCH 1958

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	MIDNIGHT CST	6:00A CST	NOON CST	6:00P CST	Trace	01-09	10-49	50-99	100-199	200 and over			Total
FORT SMITH WB AIRPORT	ENE	19	9.8	24	W	8	80	85	66	64	2	3	4	4	1	0	14	37	7.8
LITTLE ROCK WB AIRPORT	NW	14	10.3	29	NW	14	76	79	63	63	6	4	7	1	1	0	19	34	7.6
FLEXARKANA WB AIRPORT	WNW	15	8.8	-	-	-	-	85	-	-	2	5	3	4	0	0	14	-	-

CLIMATOLOGICAL DATA

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No of Days		
										91° or Above	75° or 80° or	50° or 60° or	30° or 40° or					Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
NORTHWEST DIVISION																							
BENTONVILLE	47.3	31.2	39.3		66	7	19	3	787	0	0	17	0	5.92		1.32	23	10.5	7	13	9	6	1
EUREKA SPRINGS	46.9	30.9	38.9	-10.5	62	31	19	3	802	0	0	21	0	6.75	2.79	1.95	23	11.7			8	5	2
FAYETTEVILLE	48.8	32.7	40.8		67	7	21	3	741	0	0	17	0	4.75		1.31	23	7.2	2	17+	9	3	2
FAYETTEVILLE CAA AP	48.2	32.1	40.2		67	7	18	3	764	0	0	16	0	4.62		1.24	23	4.2	3	13	10	2	1
FAYETTEVILLE EXP STA	48.2	33.2	40.7	- 8.3	64	31+	20	3	746	0	0	16	0	4.45	.99	1.06	8	6.0	1	17	9	2	2
GRAVETTE	47.6	29.9	38.8	- 8.9	66	7	16	3	808	0	0	19	0	5.78	2.24	1.53	23	15.0	4	12	11	4	1
HARRISON	48.5	31.8	40.2	- 8.7	63	31	20	18+	761	0	0	15	0	7.70		2.29	22	12.1			9	5	2
LEAD HILL	49.4	31.3M	40.4M	- 7.7	64	31	19	18+	758	0	0	17	0	7.19	3.89	1.87	8				10	5	2
ROGERS	47.7	31.9M	39.8M	- 9.0	65	7	21	3+	780	0	0	17	0	4.85	1.17	1.42	22				11	3	2
SILOAM SPRINGS	48.2	31.9M	40.1M		66	7	18	3	772	0	0	16	0	5.23		1.07	23	6.5	8	13	11	9	5
DIVISION																							
			39.9	- 8.6										5.72	1.94			9.2					
NORTH CENTRAL DIVISION																							
FLIPPIN CAA AP	49.0	32.6	40.8		68	5	21	4+	743	0	0	13	0	7.65		2.16	23	8.0	6	18	10	4	2
GILBERT	51.6	31.7	41.7		67	31	19	20+	716	0	0	16	0	6.14		1.40	9	4.0			10	5	3
MAMMOTH SPRING	51.5	31.6	41.6	- 7.6	66	5	18	21	719	0	0	16	0	7.25		1.60	23				9	6	2
MARSHALL	50.1	31.8	41.0		67	5	19	19	737	0	0	15	0	6.22		1.26	9	5.0			9	6	3
MOUNTAIN HOME 1 NW	49.7	33.5	41.6	- 7.6	66	5	22	18	713	0	0	14	0	7.46	3.67	2.29	23	5.5			8	5	2
MOUNTAIN HOME C OF ENG AM	47.9	31.0	39.5		65	6	20	18	784	0	0	17	0	7.03		1.71	9				13	10	5
DIVISION																							
			41.0	- 7.7										6.96	2.89			4.5					
NORTHEAST DIVISION																							
8ALO KNOB	52.9	35.5	44.2		63	31	24	1	639	0	0	10	0	5.63				.0	0				
BATESVILLE LIVESTOCK AM	51.5	31.9	41.7		67	6	22	21+	716	0	0	14	0	7.20		1.70	23		3	18	10	5	3
BATESVILLE L AND D NO 1	52.9	33.5	43.2		67	5	21	21+	670	0	0	14	0	7.15	2.32	1.52	23	3.0	1	18	7	7	4
BLYTHEVILLE	51.6	36.5	44.1	- 7.1	64	5	28	18+	643	0	0	8	0	6.90	1.56	2.04	24				8	5	3
CORNING	51.9	34.8	43.4	- 6.9	66	5	24	18	664	0	0	12	0	6.35	1.53	1.53	23	8.0			7	4	3
JONESBORO	53.0	36.3	44.7	- 6.7	69	5	26	18	626	0	0	11	0	6.28	.85	1.41	7				8	7	3
MARKED TREE	52.6	36.1	44.4	- 5.6	65	5	28	18	631	0	0	9	0	5.79	.09	2.23	24				8	4	3
NEWPORT	53.9	36.4	45.2	- 7.0	66	5	28	21	606	0	0	11	0	6.82	1.63	1.87	23				8	5	3
PARAGOULO	51.4	33.6	42.5		64	5	25	18	691	0	0	13	0	6.33		1.97	23	3.0			8	5	2
POCAHONTAS 1	52.4	34.4	43.4	- 7.0	65	5	22	4	664	0	0	13	0	5.84	1.02	1.42	7	5.6			8	5	2
SEARCY	54.0	37.1	45.6	- 6.6	67	28	28	18+	595	0	0	9	0	6.61	1.11	1.34	7	.0	0		10	6	2
WALNUT RIOGE CAA AP	50.5	35.5	43.0		65	31	24	18	676	0	0	12	0	6.68		1.84	23	8.0	3	18	9	6	2
WILSON	52.5	35.8	44.2		64	5	28	21+	641	0	0	10	0	4.85				.0	0				
DIVISION																							
			43.8	- 7.2										6.39	1.18			3.5					
WEST CENTRAL DIVISION																							
8OOONEVILLE	55.1	36.7	45.9	- 6.8	72	7	24	20	584	0	0	10	0	4.53	.35	1.20	7				9	3	1
CAMP CHAFFEE AM	53.1M	36.0M	44.6M		68	29+			625	0	0	12	0	5.14		1.03	7	.7			13	9	4
CLARKSVILLE	54.0	35.9	45.0		68	7	23	20	614	0	0	9	0	6.45		1.52	23				10	5	3
DARONELLE	55.1	37.3	46.2	- 7.3	66	31+	26	20	575	0	0	9	0	7.00	2.31	2.10	7	.0			11	6	1
DEVILS KNOB	46.2	30.6	38.4		62	8+	20	1	818	0	1	22	0	6.53		1.54	9	2.2	2	18	11	5	2
FORT SMITH WB AP	52.8	37.1	45.0		68	8	21	20+	658	0	0	10	0	5.16	2.07	1.30	8	2.0	1	12	9	5	2
FT SMITH WATER PLANT	53.5	33.8	43.7	- 7.3	66	31+	26	1	614	0	0	10	0	5.81		1.60	23	2.0			7	6	1
MENA	56.0	36.3	46.2	- 6.4	75	7	26	1	577	0	0	10	0	5.90		1.55	7	.0			10	4	2
MOUNT MAGAZINE	44.6	29.5	37.1		57	7	20	18+	857	0	0	17	0	7.91	1.18	1.00	7	.0			12	11	6
OZARK	54.1	36.8	45.5	- 6.1	68	7	26	20	596	0	0	9	0	5.84	1.94	1.02	23				10	5	1
PARIS	55.0	36.9	46.0		69	7	27	19+	580	0	0	10	0	5.10		1.09	7				10	5	2
RUSSELLVILLE	54.6	37.3	46.0		66	31	26	20	583	0	0	10	0	6.87		1.72	7	.0			10	5	2
SUBIACO	54.5M	36.2	45.4M	- 7.3	68	7	25	20	600	0	0	11	0	4.85	.52	1.10	23	.0			9	5	1
TURNPIKE	47.3	32.1M	39.7M		60	31+	22	19+	765	0	0	21	0	6.00				3	17+				
WALDRON	55.8	36.5	46.2		71	7	24	20	575	0	0	9	0	6.64		1.86	7				9	5	2
WHITE ROCK	46.5M	31.7M	39.1M						796	0	0	17	0	5.95		1.13	23	8.5	4	13	10	6	3
DIVISION																							
			43.8	- 7.8										5.98	1.57			1.0					
CENTRAL DIVISION																							
ALUM FORK	54.4	36.0	45.2		63	31	21	20	604	0	0	10	0	5.90		1.38	7	.0			11	4	2
BENTON	56.8	34.8	45.8		67	29	21	20	588	0	0	10	0	5.17		1.07	24	.0			10	5	1
BLAKELY MOUNTAIN OAM AM	55.2	36.5	45.9		67	30	25	20	584	0	0	10	0	5.42		1.28	7	.0			10	4	2
CONWAY	54.4	36.9	45.7	- 7.9	66	31	26	4	593	0	0	8	0	6.64	1.43	1.42	23	.0			12	5	2
HOT SPRINGS 1 NNE	57.6	38.3	48.0	- 6.8	68	31+	29	19+	520	0	0	6	0	5.87	.50	1.85	23	.0			11	4	1
LITTLE ROCK WB AP	53.5	39.7	46.6	- 6.2	64	31	31	20+	562	0	0	2	0	4.20	-.65	1.04	23				9	2	1
MALVERN	59.3	36.6	48.0		69	29	23	20	522	0	0	10											

CLIMATOLOGICAL DATA

ARKANSAS
MARCH 1958

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No of Days		
										Max		Min						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
										30° or Above	32° or 33° or 34° or 35° or 36° or 37° or 38° or 39° or 40°	Below	0° or Below										
EAST CENTRAL DIVISION																							
BRINKLEY	54.4	36.8	45.6	- 7.6	64	31	27	15	595	0	0	8	0	5.23	- .06	1.44	23	.0	0		11	4	1
OES ARC	53.3	36.6	45.0		63	6	29	20+	617	0	0	9	0	5.80		1.09	7	.0	0		10	6	1
HELENA	55.2	39.4	47.3	- 6.6	65	31	32	20+	541	0	0	2	0	4.01	- 1.71	1.24	24	.0	0		7	3	1
KEO	54.9	37.6	46.3		64	31	28	20+	574	0	0	8	0	4.63		.92	23	.0	0		10	4	0
MARIANNA 2 S	54.9	37.6	46.3	- 6.8	64	31+	28	21	571	0	0	9	0	3.76	- 1.39	1.30	23	.0	0		7	3	1
SAINT CHARLES	54.5	38.8	46.7		66	23	30	20	560	0	0	4	0	4.52		1.46	24	.0	0		8	4	1
STUTTART	56.5	39.0	47.8	- 6.2	66	31	28	2	530	0	0	7	0	5.14	- .55	.83	23+	.0	0		8	5	0
STUTTART 9 ESE	53.0	38.3	45.7		63	23	30	20+	590	0	0	5	0	5.01		1.40	24	.0	0		8	4	1
WYNNE	53.0	36.7M	44.5M		63	31	28	21+	633	0	0	11	0	5.25		1.57	23	.0	0		10	4	1
DIVISION			46.1	- 7.1										4.82	- .69			.0					
SOUTHWEST DIVISION																							
ASHOOWN	61.7	39.8	50.8		74	7	27	20	431	0	0	6	0	5.40		1.31	23	.0	0		8	5	2
OE QUEEN	61.1	39.1	50.1		76	7	25	14	456	0	0	6	0	6.36		1.05	24	.0	0		11	5	1
OIERKS																							
HOPE 3 NE	58.3	38.4	48.4	- 5.6	74	8	29	20+	512	0	0	6	0	4.51	- .81	1.05	24	.0	0		9	3	1
MOUNT IOA	57.1	35.4	46.3	- 4.9	71	7	22	1	574	0	0	9	0	6.27	1.10	1.66	7	T	0		10	5	2
NARROWS OAM	59.3	35.8	47.6		75	8	23	20+	532	0	0	12	0	5.82		1.23	24	.0	0		11	5	2
NASHVILLE PEACH SUBSTA	57.7	37.2	47.5		74	8	25	20	535	0	0	8	0	5.97		1.13	6	.0	0		10	4	4
DKAY	62.1	40.7	51.4	- 4.8	75	8+	29	1	416	0	0	4	0	5.76	.94	1.75	23	.0	0		9	3	2
TEXARKANA WB AP	R// 59.3	41.2	50.3	- 5.7	75	29	30	20	449	0	0	2	0	3.41	- 1.52	.69	23	.0	0		7	4	0
DIVISION			49.1	- 4.7										5.44	.61			T					
SOUTH CENTRAL DIVISION																							
ARKADELPHIA	59.6	39.2	49.4		71	30+	27	20	476	0	0	7	0	4.28	2.08	.85	22	.0	0		10	4	0
CAMDEN 1	59.5	37.9	48.7	- 6.6	76	8	29	20	497	0	0	6	0	4.01	- 1.26	.82	9	.0	0		9	4	0
EL DORADO CAA AP	59.6	41.1	50.4	- 6.0	77	7	28	20	450	0	0	3	0	3.59	- 1.93	1.32	23	.0	0		7	2	1
FDRDYCE 6 W	60.2	39.9	50.1	- 7.1	77	7	26	20	457	0	0	6	0	3.99	- .44	1.24	24	.0	0		7	3	1
MAGNOLIA 3 N	58.4	37.2	47.8	- 7.8	70	30+	30	20+	528	0	0	8	0	4.44	- .69	1.30	24	.0	0		7	4	1
PRESCOTT	60.9M	39.9M	50.4M	- 6.2	73	7	28	19	452	0	0	7	0	3.98		1.23	23	.0	0		8	4	1
WARREN																							
DIVISION			49.5	- 5.9										4.05	- 1.12			.0					
SOUTHEAST DIVISION																							
CROSSETT 7 S	62.1	39.8	51.0	- 5.1	79	7	27	20	432	0	0	8	0	3.88	- 1.69	.98	23	.0	0		8	3	0
CUMMINS FARM	56.7	39.5	48.1		65	31+	29	20	516	0	0	5	0	3.43		1.42	23	.0	0		7	3	1
OUMAS 1	57.5	39.5	48.5	- 6.9	69	22	30	20+	502	0	0	6	0	3.49	- 2.44	1.15	23	.0	0		5	3	1
MDNTICELLO 3 S	59.4	39.2	49.3		71	7	28	15	478	0	0	6	0	3.96		1.20	23	.0	0		3	3	1
PINE BLUFF	57.0	40.3	48.7	- 6.9	66	31+	30	20	500	0	0	4	0	4.57	- .99	.78	23	.0	0		9	5	0
PINE BLUFF CAA AP	55.1	39.5	47.3		66	22	31	20+	540	0	0	5	0	4.53		1.18	23	.0	0		9	3	1
PORTLAND	58.2	39.7	49.0	- 7.0	74	8	32	21+	488	0	0	2	0	5.23	- .34	2.00	24	.0	0		7	5	1
DIVISION			48.8	- 6.7										4.16	- 1.60			.0					

Highest Temperature 79 on the 7 at Crossett 7 S.
 Lowest Temperature 16 on the 3 at Gravette.
 Greatest Total Precipitation 8.68 inches at Heber Springs 3 NE.
 Least Total Precipitation 3.18 inches at Taylor.
 Greatest one-day precipitation 3.15 inches on the 23 at Burdette.
 Greatest Total Snowfall 15.0 inches at Gravette.
 Deepest Snow on Ground 8 inches on the 17+ at 2 Stations.

DAILY PRECIPITATION

ARKANSAS
MARCH 1958

Station	Folio	Day of month																																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
MARKED TREE	5.79					.02	.10	1.10	.04	.53	T			.41	T											1.00	2.23	.03			.20					
MARSHALL	6.22					.16		.96		1.26				.63						.75					1.04	1.00	.16									
MARVELL	4.52								.57	.58				.36						.41						1.32	.15	.60								
MELBOURNE	7.11					.19	T	1.26	.01	1.15				.59						.41					1.41	1.48	T				.30					
MENA	5.90					.36	.32	1.55	.11	.41				.68						.25					.50	1.44				.28		.51				
MONTICELLO 3 S	3.96								.01	.85				.05						.54					1.20	.08	.03	.08			.41					
MORDELL L AND O NO 8	4.13					T		.52	T	1.01				.37						.04					.35	1.12	.10			.29			.43			
MORRISON	7.00					.21	.15	1.55	T	.01				1.04	T										.72	1.10	.01	.21		.21	.02					
MOUNT IDA	6.27					.46	.30	1.66		.64				.82											.55	1.13				.30						
MOUNT MAGAZINE	7.91					.44	.21	1.60	1.40				.85	.50											.10	1.39	.17			.37						
MOUNTAIN HOME 1 NNW	7.46					.21		.91	1.76					.38											2.29	.71	.07			.43						
MOUNTAIN HOME C OF ENG	7.03					.20	T	.94	.01	1.71				.45	T									1.35	1.04	.03	.03		.14	.30	T					
MOUNTAIN VIEW 1 E	7.03					.12		1.31	T	1.30				.60											1.42	1.27	.08		T	.57	T					
MULBERRY 0 NNE	6.83					.40		1.20	.72	.60				.70	T										.55	1.13			.30							
NARROWS DAM	5.82					.16	.61	1.11	.42	.21				.54											1.25	.55			.50	T						
NASHVILLE PEACH SUBSTA	5.97					.12	1.13	1.00	.44					.37																						
NATHAN A NNW	4.60		.02			.22	.67	1.07						.42												.60	.97			.47						
NEMHOPE 3 E	4.34					.35	.40	1.10	.57	.60				.53				.04							1.00	1.05	.05	T		.47						
NEPORT	6.82					.03	.04	1.40	.05	.65				.48	T										1.87	1.13	.05	T		.32						
NIMROD DAM	5.79					.32	.25	1.20	T	.80				.91											.43	.90	.12		.20							
ODELL	5.26					.04		.60	1.08	.20			.04	.60											1.36	.01			.55	.02						
ODEN 2 W	6.17					.45	.67	.12	.44					.65											.80	1.10			.32							
OKAY	5.76					.46	.36	1.07	.55	.65				.34											1.75	.37	T		.42							
OSCEOLA	5.84					.07	1.05	.07	.52			.30		.32	.06										.38	2.36	.03	.23		.08						
OWENSVILLE	6.27					.10	.02	.08	1.20	.50				.78	T	T									.95	1.58	.02	T		.22		.02				
OZARK	5.84					.06	.31	.84	.49	.71				.83												1.02	.27	T		.46	.03					
OZONE	0.49					.29	.03	1.42	.25	1.52				.42												2.00				.54	.05					
PARAGOULO	6.33					.04	T	1.65	.17	.11				.77		.68										1.97	.41	.05	.32							
PARIS	5.10					.25	.15	1.09	.71	.04				.60	.21										.03	1.05	.10	.04	.23							
PARKIN 2 W	5.79		.05			.05	1.37	.03	.53					.41											.55	1.63	.10		.33							
PARKS	6.14					.35	1.95	.38	.30					.72												.58	1.22			.22						
PERRYVILLE	7.68					.81	.14	1.76	.86	.11				.51											.03	1.08	.52	.03	.08	.03						
PINE BLUFF	4.57					T	.02	.66		.57				.43												.78	.73	T	.51	.11	.32	T				
PINE BLUFF CAA AP	4.53					.03	.23	.90	.55	.05			.36	T												1.18	.07	.22	.28	.35	T					
PINE RIDGE	6.29					.39	.52	1.76	.23	.44				.71											.25	.12			.22							
POCAHONTAS 1	5.84				.10			1.42	.48					.62												.98	1.26	T		.42						
PORTLAND	5.23					.05	.55	T	.95					.55												.22	2.00	T	.08	.53						
PRESOTT	4.44					.02	.02	.77	.02	.38			.03	.35											.63	1.30	.03	.07	.50							
NATCLIFF	4.39					.32	.15	.72	.84	.04	T			T											1.98	.17	T		.17							
NISON	3.42					.11	.61					.45														1.02	.53	.26	.02	.30						
ROGERS	4.85					.02		.17	1.11	.11	.14		.40	.36				.10	.64							1.42	.25	.01	.12							
RUSSELLVILLE	6.87					.31	.13	1.72	.73	.23			.54	.23												1.48	.20	T	.09	.37						
SAINT CHARLES	4.52							.83	.58					.24												.13	1.46	T	.64	.32						
SAINT FRANCIS	6.66					.05		1.16	.05	.65				.80												1.66	1.45	.07	.67	.32						
SALEM	7.36							1.24	1.09					.27					1.05																	
SEARCY	6.61					.18	.05	1.34	.05	.99				.57																						
SHERIDAN TOWER	5.00					* .18	1.10	.74				.51		.29												* 1.48			.70							
SHIRLEY 3 SE	5.98					.20	.09	1.60	.13				.15	.63																						
SILDAN SPRINGS	5.23					.03	.01	.37	.20	.93	.03	.11	T	.53													1.07	.65	T		.46	.06				
SPARKMAN 4 E	3.41							.40						.30												* 1.50		.50	.11	.15	.30					
STAMPS	4.55					.13	.33	.55	.15				T	.37													.92	1.23		.42						
STAR CITY 2 S	4.25							.51	.58					.26													.42	1.54		.45						
STEVE	4.33					.30		1.90						*																						
STUTTGART	5.14					.09	.83	T	.80			.03		.42																						
STUTTGART 9 ESE	5.01					.02	.69	T	.73					.25														.31	1.40	.88	.01	.32	T			
SURIACO	4.85					.25	.12	.99	.59	.02				.58	.28			.01	.54								.02	1.10	.07		.26					
TAYLOR	3.18						.05	.36	.61					.39	T												.10	1.24		.01	.02	.10				
TEXARKANA NB AP	3.41	T				.06	.25	.66	.50					.41														.69	.01	.03	.01	.56				
TURNPIKE	4.93					.17		1.14	2.99					.65													.35	1.90	.48	.80						
WALDRON	6.64					.51	.19	1.86	.64					.65	.19				.28									1.78		.86						
WALNUT GROVE	4.52					T	.05	1.55	.75	T				.67	T													.20	.10	.25	.27					
WALNUT RIDGE CAA AP	6.68					.14	.39	1.12	.65	.02				.06	.52													.48	1.84	.07	.01	.58	T			
WARREN	3.98					.05	.05	.45	.53	.02				.25	.02																					
WASHITA	6.35					.80	.30	1.60	.20	.45				.45	.55												1.23	.11	.06	.17	.53	.07				
WHITE ROCK	5.95					.31	.02	1.01	.25	1.02	.05			.62																						

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Station		Day Of Month																															Average		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
ALUM FORK	MAX	57	57	58	58	61	54	58	58	54	48	47	46	42	53	54	53	53	49	50	56	56	54	56	52	48	48	60	62	61	61	63	54.4		
	MIN	28	36	32	28	38	46	49	42	39	32	40	34	33	30	32	32	34	28	28	21	35	36	40	41	41	39	38	34	44	45	42	36.0		
ARKADELPHIA	MAX	51	62	69	64	59	54	70	65	58	60	53	50	44	57	57	59	58	54	57	62	64	63	63	62	50	50	60	67	71	71	65	59.6		
	MIN	29	39	32	35	47	48	52	47	43	36	43	38	37	31	30	39	40	31	30	27	39	39	46	47	44	42	36	38	47	45	39	39.2		
ASHOOWN	MAX	55	60	63	63	58	58	74	72	58	64	61	51	46	56	58	62	58	52	58	61	70	69	70	68	51	54	63	68	73	68	71	61.7		
	MIN	28	34	32	34	47	48	47	51	43	39	45	38	35	28	33	32	43	33	30	27	37	46	57	45	44	44	36	42	50	46	40	39.8		
BALO KNOB	MAX	54	56	58	58	62	57	57	49	48	48	48	43	45	53	54	53	51	48	50	55	55	50	50	49	46	51	54	60	58	57	63	52.9		
	MIN	24	37	27	26	42	48	48	41	40	36	36	34	34	29	27	30	35	28	30	26	27	38	38	41	42	40	34	33	43	45	40	35.5		
BATESVILLE LIVESTOCK	MAX	46	51	57	55	61	67	57	48	46	50	48	43	44	44	53	54	55	45	46	49	51	54	45	43	45	43	56	57	62	60	61	51.5		
	MIN	22	24	26	23	35	44	45	38	37	33	34	33	31	27	25	26	29	24	25	25	22	35	34	35	45	39	37	33	29	40	38	40	31.9	
BATESVILLE L AND O NO 1	MAX	57	57	57	58	67	63	57	48	47	50	46	44	44	52	54	54	48	47	47	50	54	51	46	46	47	55	54	61	58	55	65	52.9		
	MIN	21	27	28	23	42	48	47	40	40	36	36	35	32	29	24	24	32	27	29	24	21	33	36	41	42	40	33	29	43	41	35	33.5		
BENTON	MAX	58	57	63	60	62	54	55	60	55	52	56	46	45	58	57	56	51	50	54	58	56	58	60	60	50	49	59	65	67	64	66	56.8		
	MIN	22	24	26	23	35	44	44	43	40	35	34	33	33	27	26	36	35	28	26	29	24	25	21	30	38	40	42	41	39	34	44	39	34.8	
BENTONVILLE	MAX	42	45	45	56	59	56	66	51	42	40	38	35	40	45	45	39	35	41	43	48	58	47	42	41	41	42	56	60	58	47	64	47.3		
	MIN	21	22	19	20	40	40	47	34	32	33	29	31	31	32	26	26	29	26	22	25	27	38	35	35	37	36	33	25	44	40	31	31.2		
BLAKELY MOUNTAIN OAM	MAX	57	55	59	61	61	60	54	62	58	48	52	50	40	44	54	58	56	45	52	54	59	57	57	61	50	47	48	61	64	67	59	55.2		
	MIN	32	34	30	28	30	44	49	45	41	35	37	37	35	29	30	34	40	31	29	25	30	39	43	45	44	42	37	34	36	48	39	36.5		
BLYTHEVILLE	MAX	53	55	52	53	64	59	58	49	49	46	45	49	48	49	51	53	50	46	46	47	49	46	49	56	40	47	48	59	55	55	63	51.6		
	MIN	33	36	31	29	42	49	46	41	36	35	35	35	33	33	28	31	33	28	31	30	30	38	36	46	43	40	36	36	43	45	41	36.5		
BOONEVILLE	MAX	48	54	52	60	64	56	72	60	50	48	50	48	45	53	51	52	45	50	52	60	62	54	52	50	49	52	62	66	67	58	67	58.1		
	MIN	25	26	27	26	44	49	50	44	39	39	39	39	32	29	29	36	37	32	28	24	38	43	40	41	43	41	35	34	47	45	38	36.7		
BRINKLEY	MAX	50	59	58	58	63	60	56	54	54	59	48	45	44	53	54	54	52	48	51	56	53	55	60	56	46	45	53	61	59	57	64	54.4		
	MIN	30	36	32	32	45	48	47	42	42	40	38	33	34	29	27	30	33	28	30	33	36	38	41	42	41	39	35	33	44	45	39	36.8		
CAMOEN 1	MAX	64	55	62	64	65	62	56	76	65	52	65	53	43	45	56	60	64	53	52	63	63	68	69	65	52	47	49	62	67	72	62	59.5		
	MIN	34	34	34	33	35	47	49	51	44	35	36	38	38	32	30	32	36	34	30	29	30	40	43	46	44	43	35	36	41	47	40	37.9		
CAMP CHAFFEE	MAX	47	52	51	59	60	57	68	53	47	45	47	38	44	53	56	49	43	48	52	58	62	52	51	49	49	49	53	62	68	63	57	53.1		
	MIN	25	25	24	28	44	48	44	41	41	36	42	37	32	29	28	38	42	32	28	24	34	38	41	42	42	41	42	42	41	46	39	36.0		
CLARKSVILLE	MAX	48	52	54	59	62	60	68	63	51	46	50	42	46	55	53	49	43	50	51	56	56	53	54	51	48	50	62	61	59	57	64	54.0		
	MIN	24	26	24	26	43	48	49	44	39	38	38	34	33	31	29	33	36	31	28	23	37	40	41	42	43	41	36	35	45	42	34	35.9		
CONWAY	MAX	52	56	56	59	63	58	58	54	53	49	49	49	45	53	54	53	51	50	52	59	56	52	54	52	45	47	58	62	60	60	66	54.4		
	MIN	28	35	27	26	43	48	49	42	41	36	42	35	33	31	29	37	36	28	29	36	28	36	40	40	42	42	40	36	33	45	47	39	36.9	
CORNING	MAX	58	54	52	56	66	58	50	48	45	46	44	47	47	52	54	56	52	46	45	46	54	49	44	48	48	51	51	62	58	58	65	51.9		
	MIN	31	28	27	28	40	48	44	40	37	37	36	34	33	31	28	28	32	24	28	25	27	36	36	44	39	38	37	36	45	44	39	34.8		
CROSSETT 7 S	MAX	65	61	65	64	63	56	79	77	64	62	61	54	45	57	61	65	62	63	62	65	71	68	58	52	47	61	66	65	65	67	62.1			
	MIN	32	35	30	34	40	53	56	54	46	31	45	38	40	31	28	31	48	34	31	27	35	39	57	49	44	39	43	35	44	44	40	39.8		
CUMMINS FARM	MAX	58	60	60	59	62	60	65	59	58	56	55	47	44	52	54	57	56	48	48	59	58	65	63	58	50	45	55	60	62	61	65	56.7		
	MIN	32	38	35	35	46	51	54	48	43	35	44	37	36	30	33	36	38	31	31	29	35	35	43	46	43	42	39	38	36	49	45	39.5		
DARONELLE	MAX	52	55	55	60	64	58	66	58	52	49	48	45	46	55	55	55	47	58	53	58	56	54	52	52	47	49	60	64	59	59	66	55.1		
	MIN	30	32	30	27	41	44	50	43	40	38	39	36	34	28	32	36	37	30	30	26	37	41	40	42	44	41	39	36	45	47	41	37.3		
DE QUEEN	MAX	56	62	65	61	59	54	76	69	60	56	53	50	48	59	61	61	56	56	59	63	67	66	71	61	50	55	65	68	71	65	70	61.1		
	MIN	28	39	30	33	45	49	51	48	41	37	43	36	35	25	28	36	40	34	30	27	39	45	57	44	44	43	37	42	50	41	34	39.1		
OES ARC	MAX	54	55	59	59	58	63	53	54	52	46	50	49	46	46	54	54	54	44	49	53	57	55	54	56	51	50	47	54	60	60	55	53.3		
	MIN	30	33	32	31	36	44	49	42	41	36	37	35	36	29	30	33	39	29	31	29	31	36	42	41	42	40	37	36	40	46	41	36.6		
DEVILS KNOB	MAX	48	48	47	52	55	52	62	62	43	38	37	32	33	45	47	42	39	38	41	48	48	44	42	40	37	39	54	55	57	48	59	46.2		
	MIN	20	24	25	29	31	43	45	39	31	30	29	24	28	28	28	28	25	22	23	27	30	33	32	32	34	32	34	31	38	39	35	30.6		
DIERKS	MAX																																		
	MIN																																		
DUMAS 1	MAX	54	60	60	60	63	58	65	59	57	59	51	46	44	54	55	60	55	49	53	61	60	69	65	57	50	46	61	66	63					

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Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HOT SPRINGS 1 NNE	MAX	55	60	60	62	59	54	66	65	57	54	51	46	43	57	57	54	54	57	56	61	57	55	61	60	48	47	62	65	68	68	68	57.6	
	MIN	32	38	35	33	43	46	50	44	40	35	41	35	34	31	32	38	36	29	29	30	38	41	43	43	41	39	40	37	45	48	41	38.3	
JONESBORO	MAX	57	57	52	56	69	59	56	56	53	47	45	46	44	52	55	55	50	47	46	48	53	48	50	56	47	50	50	61	56	58	63	53.0	
	MIN	32	35	30	30	43	50	45	40	39	35	36	35	32	32	30	31	34	26	30	30	29	38	37	42	42	40	36	35	43	45	43	36.3	
KEO	MAX	51	60	61	58	60	55	58	55	53	49	50	47	45	52	54	54	50	50	53	59	51	58	62	60	47	46	57	61	62	60	64	54.9	
	MIN	29	36	30	31	45	45	50	44	42	35	41	35	35	32	31	38	36	30	28	28	34	38	42	43	43	40	37	36	45	46	41	37.6	
LEAO HILL	MAX	51	50	49	57	63	58	52	45	48	41	40	40	41	50	50	43	40	42	48	52	53	52	45	42	46	52	55	61	52	50	64	49.4	
	MIN	29	23	19	19	41	45	45	43	38	35	35	30	31	33	21	20	20	19	21	21	27	21	35	38	32	26	42	26	42	29	31.3		
LITTLE ROCK WB AP	MAX	57	59	59	57	60	56	57	56	49	48	51	41	44	53	55	52	47	50	52	58	55	52	55	49	46	46	55	60	61	55	64	53.5	
	MIN	33	39	36	28	44	49	48	44	42	37	39	37	36	35	35	41	35	31	33	31	39	40	42	44	43	41	40	39	46	49	45	39.7	
MAGNOLIA 3 N	MAX	60	59	60	60	58	58	77	62	55	65	52	51	44	54	57	59	58	49	53	60	66	67	67	63	50	52	64	70	72	71	72	60.2	
	MIN	32	35	32	36	48	50	53	53	43	36	45	38	36	29	28	35	48	33	30	26	38	43	56	45	44	43	37	38	49	38	41	39.9	
MALVERN	MAX	59	62	64	62	66	64	68	63	57	54	53	49	46	56	58	57	57	53	58	62	59	58	61	60	55	48	61	66	69	65	67	59.3	
	MIN	24	36	26	28	44	48	50	45	41	35	43	36	36	29	27	32	39	28	27	23	36	39	44	44	43	40	35	31	46	44	35	36.6	
MAMMOTH SPRING	MAX	53	50	50	56	66	61	58	44	44	47	44	47	44	50	53	54	46	47	42	47	54	48	44	46	47	60	54	61	57	58	65	51.5	
	MIN	29	23	23	20	39	48	42	37	35	34	34	32	31	29	25	24	30	21	27	23	18	33	33	38	39	38	34	26	43	41	32	31.6	
MARIANNA 2 S	MAX	54	58	58	58	64	59	58	59	53	51	49	45	44	53	53	55	53	49	51	56	53	61	60	58	48	46	53	61	60	59	64	54.9	
	MIN	31	39	33	31	39	48	51	49	41	35	39	34	36	31	32	31	36	29	30	29	28	38	45	44	43	41	36	33	45	46	42	37.6	
MARKEO TREE	MAX	55	58	52	52	65	58	58	52	52	47	48	46	42	52	52	56	50	49	46	55	51	50	48	58	49	49	49	59	57	55	62	52.6	
	MIN	30	30	30	29	43	49	46	41	40	36	36	34	35	33	29	31	33	28	34	32	30	38	37	37	43	43	36	34	38	41	42	36.1	
MARSHALL	MAX	56	55	53	58	67	60	63	49	47	46	40	37	40	50	50	50	46	44	42	43	45	53	49	44	43	51	48	55	60	56	63	50.1	
	MIN	23	25	22	23	41	47	46	41	36	34	36	32	31	31	25	23	26	21	19	23	24	25	37	34	37	37	35	40	42	34	31.8		
MENA	MAX	55	58	57	63	62	51	75	70	50	50	50	44	40	52	54	56	41	50	50	57	63	58	53	53	45	50	62	67	68	61	70	56.0	
	MIN	26	29	27	29	42	47	50	44	37	35	37	33	31	29	30	37	35	30	29	27	36	41	44	40	40	40	36	39	46	45	33	36.3	
MONTICELLO 3 S	MAX	62	61	64	60	64	57	71	66	59	60	57	48	46	56	58	61	59	48	54	62	62	68	67	57	53	46	58	65	65	62	66	59.4	
	MIN	34	37	36	37	39	42	50	50	44	35	44	35	30	31	28	35	30	32	35	30	37	40	56	38	42	35	43	49	47	43	50	39.2	
MORRILTON	MAX	50	55	55	59	64	60	61	56	51	50	49	45	46	53	54	53	48	49	52	58	57	51	51	50	45	48	60	62	61	59	64	54.1	
	MIN	31	34	32	27	43	49	49	43	41	37	41	34	32	31	29	37	37	29	31	29	35	40	39	42	43	40	35	45	40	47	42	37.5	
MOUNT IOA	MAX	59	60	61	62	64	56	71	60	53	53	47	40	42	54	57	55	45	51	58	59	61	56	62	61	48	49	63	65	70	59	68	57.1	
	MIN	22	33	26	25	46	46	49	44	40	35	39	33	33	29	26	35	36	26	24	23	36	41	42	42	41	42	41	38	32	38	41	34	35.4
MOUNT MAGAZINE	MAX	40	45	43	55	53	52	57	45	36	42	39	35	35	38	44	42	38	40	42	41	40	45	47	48	42	42	52	55	46	49	56	44.6	
	MIN	20	20	20	31	38	37	40	36	29	28	28	25	24	26	24	29	25	20	24	26	29	33	33	33	34	33	33	35	34	34	34	29.5	
MOUNTAIN HOME 1 NNW	MAX	51	50	48	59	66	62	54	51	42	47	49	41	41	48	49	48	43	43	41	45	51	49	43	42	42	56	54	58	47	49	62	49.7	
	MIN	26	27	23	25	47	45	45	38	35	34	35	30	32	34	30	29	31	22	26	26	26	37	34	37	38	38	35	31	42	42	39	33.5	
MOUNTAIN HOME C OF ENG	MAX	39	53	51	48	56	65	57	47	44	43	44	40	41	42	50	50	48	35	48	42	48	52	43	43	42	43	57	54	59	50	47.9		
	MIN	26	25	24	21	23	40	45	38	36	35	35	30	31	34	28	23	28	20	23	24	23	28	35	38	38	38	36	27	31	42	37	31.0	
NARROWS OAM	MAX	59	57	62	64	63	60	54	75	61	57	59	55	50	48	59	58	58	50	55	58	61	66	65	69	51	49	51	63	66	72	62	59.3	
	MIN	24	28	29	30	38	46	50	46	42	32	37	38	35	23	26	32	41	31	27	23	24	38	43	46	44	43	40	38	42	39	34	35.8	
NASHVILLE PEACH SUBSTA	MAX	56	52	60	62	61	58	53	74	61	56	59	51	39	46	56	57	58	51	52	56	60	65	63	69	52	48	52	62	66	71	63	57.7	
	MIN	27	31	34	34	38	45	49	47	40	36	37	37	34	28	29	34	39	30	32	25	27	40	43	45	43	42	37	41	48	43	38	37.2	
NEWPORT	MAX	58	60	58	56	66	58	57	58	47	48	47	45	46	54	61	58	49	48	52	53	53	52	48	49	46	52	54	60	56	57	64	53.9	
	MIN	29	37	30	30	43	50	46	41	40	36	31	35	35	32	31	30	34	29	30	30	28	37	37	42	43	41	37	38	42	44	41	36.4	
NIMROO OAM	MAX	52	53	51	57	61	64	55	61	55	47	52	48	48	48	54	53	55	43	50	53	60	60	50	52	52	46	47	60	63	66	56	53.9	
	MIN	25	31	28	25	29	43	48	43	40	36	38	33	32	31	27	35	40	27	28	28	32	38	39	40	42	40	37	36	41	45	39	35.4	
OKAY	MAX	58	60	66	65	59	55	75	75	59	60	64	52	48	58	60	63	58	53	60	62	68	67	69	63	54	54	64	69	74	67	66	62.1	
	MIN	29	37	34	37	47	48	53	49	43	40	38	38	36	31	32	37	47	33	33	30	38	45	58	46	44	44	40	42	47	47	39	40.7	
OZARK	MAX	47	51	54	59	62	57	68	65	50	46	50	42	45	55	52	49	43	52	52	59	57	52	52	49	43	42	41	42	42	36	35	46	36.8
	MIN	28	30	27	28	44	48	50	44	40	39	33	35	33	31	31	34	36	32	29	26	39	43	42	41	42	42	36	35	46	42	36	36.8	
PARAGOULO	MAX	54	52	53	54	64	61	56	48	46	44	46	46																					

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Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
STUTT GART 9 ESE	MAX MIN	56 31	49 36	57 36	57 34	58 36	60 47	57 51	59 46	54 42	46 37	51 38	49 38	43 37	43 32	52 33	51 36	53 39	46 30	48 30	51 30	58 33	54 38	63 43	62 45	50 44	45 41	45 37	53 36	59 42	61 46	53 44	53.0 38.3	
SUBIACO	MAX MIN	48 28	52 28	52 28	61 27	64 41	58 47	68 48	59 42	51 38	51 36	50 39	48 32	44 31	53 32	51 32	51 33	44 36	50 30	57 32	60 25	53 39	51 38	51 40	48 41	50 40	62 38	65 35	59 44	58 45	66 38	66 38	54.5 36.2	
TEXARKANA WB AP	MAX MIN	52 34	59 38	62 38	63 40	60 46	56 50	74 54	64 45	56 43	65 39	51 44	44 39	45 35	54 31	57 35	62 40	54 39	50 35	57 34	62 30	70 39	67 48	68 49	52 45	48 44	53 40	62 40	68 43	75 50	63 45	66 40	59.3 41.2	
TURNPIKE	MAX MIN	40 28	45 29	51 27	55 31	58 38	54 44	60 48	50 39	44 32	42 30	45 30	40 30	39 35	45 31	42 35	48 38	38 37	33 27	33 24	47 39	48 30	44 28	42 30	45 30	40 32	51 35	55 35	58 35	60 35	58 37	60 37	47.3 32.1	
WALORON	MAX MIN	52 34	55 38	54 38	60 40	64 46	54 48	71 50	70 44	55 40	48 39	47 34	47 34	42 33	52 29	53 32	54 38	50 41	48 30	57 28	62 39	62 42	55 42	51 40	47 41	49 41	60 41	65 36	70 48	58 47	67 35	67 35	55.8 36.5	
WALNUT RIOGE CAA AP	MAX MIN	56 30	53 30	50 29	55 29	64 42	57 47	48 41	46 40	44 37	46 36	44 36	44 35	46 32	42 33	52 30	54 31	44 29	47 24	45 30	46 29	53 27	47 37	46 38	48 42	46 42	54 40	49 36	60 35	51 46	59 45	65 41	50.5 35.5	
WARREN	MAX MIN	61 31	63 37	69 32	64 43	65 35	51 44	73 55	65 51	59 42	63 35	59 43	54 37	47 38	58 33	60 32	63 30	58 41	49 30	57 28	62 30	64 38	67 41	65 56	57 46	52 43	49 41	60 41	66 36	66 47	61 48	68 42	60.9 39.9	
WHITE ROCK	MAX MIN	45 20	49 23	49 23	55 31	53 37	53 43	60 47	58 39	41 30	36 29	38 27	32 27	33 29	44 27	46 26	43 31	41 26	39 21	43 24	49 28	49 33	47 33	50 38	43 34	38 33	43 34	55 34	56 37	56 39	51 39	60 39	51 39	46.5 31.7
WILSON	MAX MIN	56 30	57 30	53 36	54 28	64 43	60 50	58 43	56 42	50 36	46 38	46 36	49 33	45 35	49 32	51 29	53 29	51 33	48 28	46 29	50 28	49 28	51 33	47 38	56 32	50 41	50 39	50 35	59 41	55 43	55 43	63 41	52.5 35.8	
WYNNE	MAX MIN	54 30	58 38	56 30	60 31	56 42	56 43	49 41	54 43	49 41	48 36	46 38	46 34	43 36	50 28	52 29	51 31	54 36	50 30	52 28	51 28	51 28	50 36	59 40	58 43	47 43	45 41	51 34	58 42	57 42	63 42	69 36	53.0 36.0	

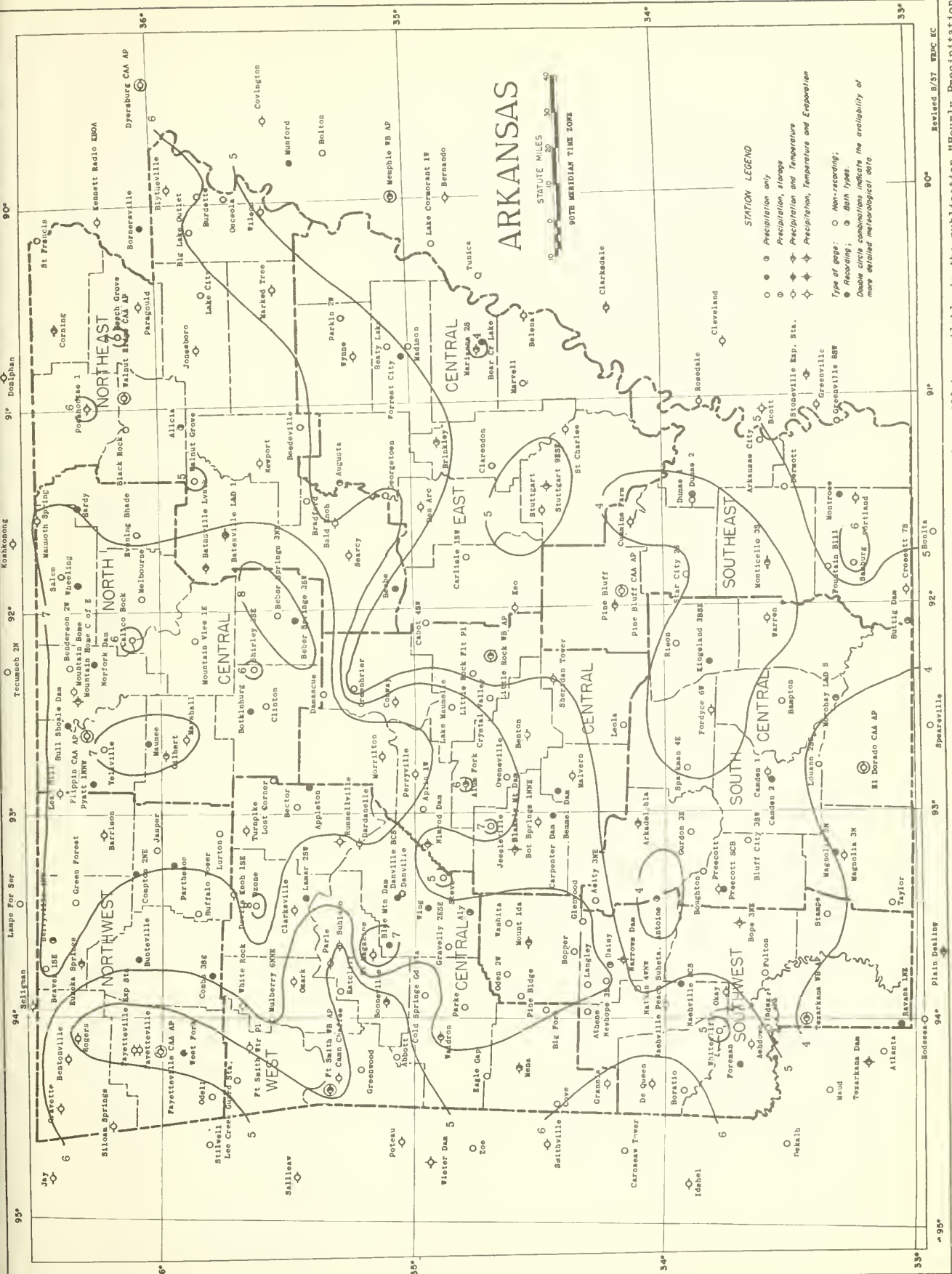
SNOWFALL AND SNOW ON GROUND

Station		Day of month																																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
BATESVILLE L & O NO 1	SNOWFALL SN ON GNO																																			3.0 1	T
BLYTHEVILLE	SNOWFALL SN ON GNO																																				
CORNING	SNOWFALL SN ON GNO																																				2.5 -
DEVILS KN08	SNOWFALL SN ON GNO																																				2.2 2
EUREKA SPRINGS	SNOWFALL SN ON GNO																																				5.7 -
FAYETTEVILLE CAA AP	SNOWFALL SN ON GNO																																				6.0 -
FLIPPIN CAA AP	SNOWFALL SN ON GNO																																				1.0 1
FORT SMITH W8 AP	SNOWFALL SN ON GNO																																				2.0 T
GILBERT	SNOWFALL SN ON GNO																																				2.0 -
GRAVETTE	SNOWFALL SN ON GNO																																				5.0 4
JONESBORO	SNOWFALL SN ON GNO																																				2.0 2
LITTLE ROCK W8 AP	SNOWFALL SN ON GNO																																				8.0 3
MAMMOTH SPRING	SNOWFALL SN ON GNO																																				1.0 1
MARKEO TREE	SNOWFALL SN ON GNO																																				7.0 6
MOUNT IOA	SNOWFALL SN ON GNO																																				2.0 -
NEWPORT	SNOWFALL SN ON GNO																																				2.0 -
OZARK	SNOWFALL SN ON GNO																																				2.0 -
ROGERS	SNOWFALL SN ON GNO																																				2.0 -
WALORON	SNOWFALL SN ON GNO																																				2.0 -
WALNUT RIOGE CAA AP	SNOWFALL SN ON GNO																																				4.0 1

See reference notes following Station Index.

TOTAL PRECIPITATION

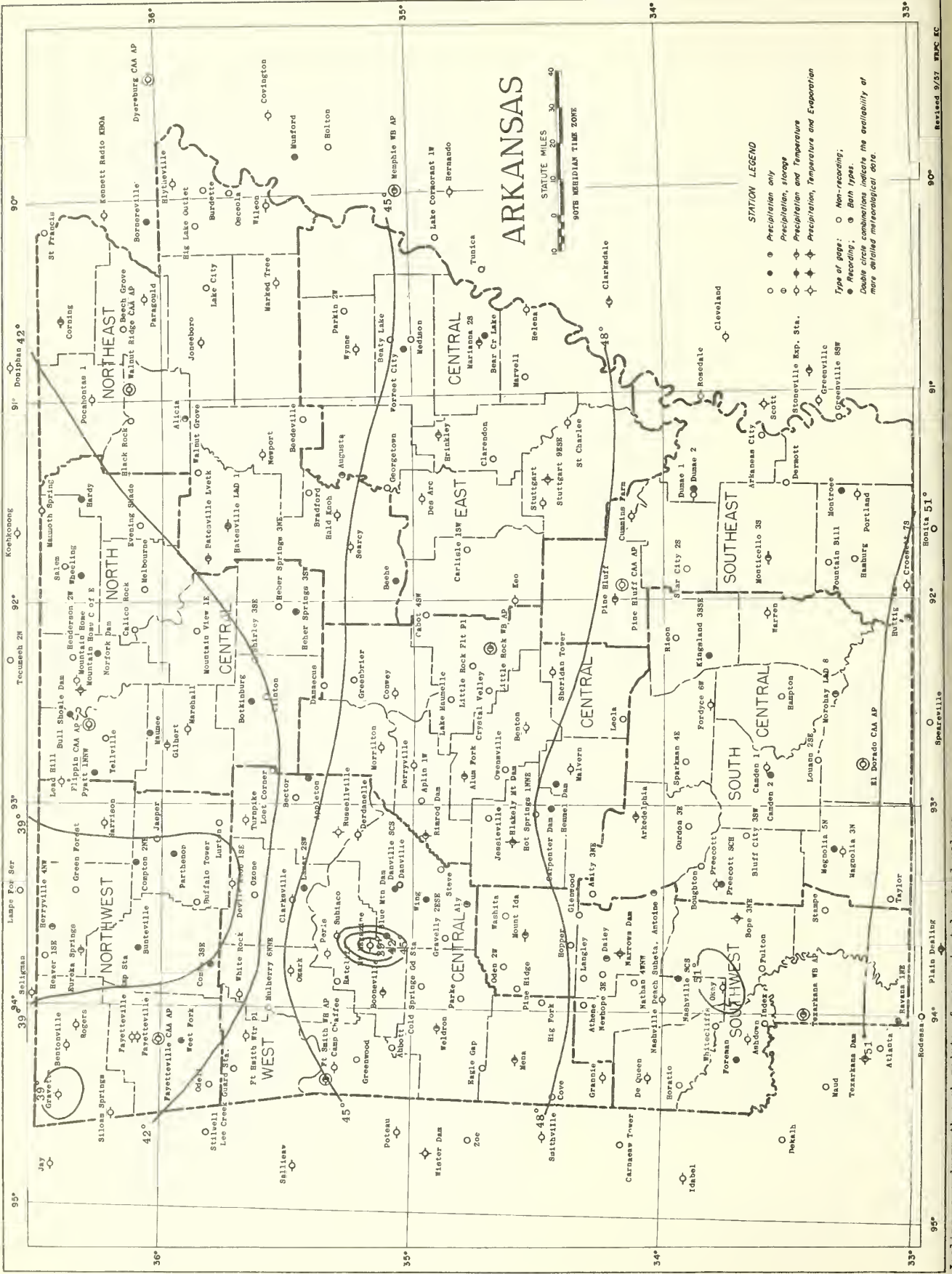
MARCH 1958



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

MARCH 1958



Isotherms are drawn through points of approximately equal values.

STATION INDEX

ARIZONA
MARCH 1958

Table listing station data for the left half of the index. Columns include STATION, INDEX NO., COUNTY, DRAINAGE, LATITUDE, LONGITUDE, ELEVATION, OBSERVATION TIME AND TABLES, OBSERVER, and SPECIAL COMMENTS.

Table listing station data for the right half of the index. Columns include STATION, INDEX NO., COUNTY, DRAINAGE, LATITUDE, LONGITUDE, ELEVATION, OBSERVATION TIME AND TABLES, OBSERVER, and SPECIAL COMMENTS.

— DRAINAGE CODE: 1, ARIZONA; 2, MISSISSIPPI; 3, QUACHITA; 4, RED; 5, SAINT FRANCIS; 6, SALINE; 7, WHITE

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA Stations. For those stations snow on ground values are at 0600 C.S.T.

In the Station Index the letters C, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes and are published later in "Hourly Precipitation Data" Bulletin.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

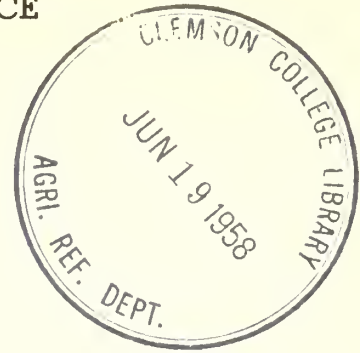
Other Reference Notes

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- + No record in the "Daily Precipitation" Table, "Evaporation and Wind" Table, "Snowfall and Snow on Ground" Table; and the Station Index.
- * And also on an earlier date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief



CLIMATOLOGICAL DATA

ARKANSAS

APRIL 1958

Volume LXIII No. 4



ARKANSAS - APRIL 1958

WEATHER SUMMARY

Heavy rains and thunderstorms began over Southern Arkansas late in the evening of the 24th and the early morning of the 25th. These rains continued intermittently through the close of the month. During the 6-day period from the 25th through the 30th, storm totals averaged near 7.00 inches over the southern third of the State.

The heaviest totals recorded from the 24th through the 30th were 18.27 inches at Hamburg and 18.09 inches at El Dorado Airport. A total of 16.89 inches was measured at Stamps. By the close of the month, the rains had moved northward into Central Arkansas.

As a result of these rains, there was flash-flooding over much of the southern portion of the State. Crossett, Hamburg, Magnolia and El Dorado were particularly hard hit by flash-floods. The Ouachita River and tributaries rose sharply, building up to a flood of major proportions on the stream early in the following month.

Damages from these floods are extensive, but due to the widespread occurrence, it will be some time before any firm estimate of monetary losses can be obtained.

Walter C. Hickmon
State Climatologist
U. S. Weather Bureau
Little Rock, Arkansas

Highest Temperature 89 on the 23+ at 8 Stations.
Lowest Temperature 23 on the 8 at 3 Stations.
Greatest Total Precipitation 20.27 inches at Hamburg.
Least Total Precipitation 1.99 inches at Marshall.
Greatest one-day precipitation 10.65 inches on the 26 at El Dorado CAA AP.

SUPPLEMENTAL DATA

ARKANSAS
APRIL 1956

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	MIDNIGHT CST	6:00A CST	NOON CST	6:00P CST	Trace	01-09	10-49	50-99	100-199	200 and over			Total
ORT SMITH WB AIRPORT	ENE	18	9.9	40	SW	5	78	85	54	55	2	8	9	1	1	0	21	56	6.4
LITTLE ROCK WB AIRPORT	ENE	11	9.9	37	SE	9	75	79	55	54	1	7	4	2	4	0	18	41	7.0
EXARKANA WB AIRPORT	NE	12	10.3	-	-	-	-	88	-	-	3	2	4	2	3	2	16	-	-

CLIMATOLOGICAL DATA

Station	Temperature														Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No of Days					
										32° or Above	32° or Below	32° or Below	0° or Below					Total	Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More		
																									Max	Mn
NORTHWEST DIVISION																										
BENTONVILLE	68.7	45.3	57.0		88	23	33	12	240	0	0	0	0	3.87		.82	22				8	4	0			
EUREKA SPRINGS	69.7	46.0	57.9	- 1.7	85	23	36	12+	221	0	0	0	0	3.68		.84	29				9	3	0			
FAYETTEVILLE	69.8	46.5	58.2		86	23	33	7	209	0	0	0	0	2.96		.59	28				8	1	0			
FAYETTEVILLE CAA AP	67.6	44.9	56.3		85	23	32	12+	260	0	0	2	0	2.58		.45	10				7	0	0			
FAYETTEVILLE EXP STA	68.5	46.9	57.7		84	23	33	12	221	0	0	0	0	2.81		.60	22				7	2	0			
GRAVETTE	68.7	44.4	56.6		86	23	30	12	256	0	0	2	0	3.71	- 1.02	.96	21				10	4	0			
HARRISON	70.1M	45.2M	57.7M	- 1.1	84	23	28	8	224	0	0	2	0	3.17		.83	21				9	1	0			
LEAO HILL	70.0	45.0	57.5	- 0.9	88	23	28	8	231	0	0	1	0	2.82		1.10	3				8	1	1			
LEAD HILL	69.3	46.7	58.0		86	23	35	7	214	0	0	0	0	4.10	- 1.11	.70	24				8	5	0			
ROGERS	68.6	45.8	57.2	- 1.2	86	23	31	12	236	0	0	1	0	3.59		.76	20				8	3	0			
SILOAM SPRINGS																										
O DIVISION																										
			57.4	- 1.5										3.33	- 1.31			.0								
NORTH CENTRAL DIVISION																										
FLIPPIN CAA AIRPORT	70.2	45.9	58.1		86	4	32	8	211	0	0	1	0	2.05		.45	20				7	0	0			
GILBERT	73.2	45.5	59.4		85	23+	28	8	187	0	0	2	0	2.25		.50	21				7	1	0			
MAMMOTH SPRING	70.9M	45.0M	58.0M	- 1.3	84	18	29	8	216	0	0	3	0	2.23		.38	4				8	0	0			
MARSHALL	71.2	47.4	59.3		84	23+	33	12	178	0	0	0	0	1.99		.68	21				1	0	0			
MOUNTAIN HOME 1 NNW	70.3	47.7	59.0	- 0.3	82	23	31	12	191	0	0	1	0	2.92	- 1.24	.47	20				10	0	0			
MOUNTAIN HOME C OF ENG AM	68.4	45.1	56.8		88	5	33	12+	250	0	0	0	0	3.11		.52	29				9	3	0			
O DIVISION																										
			58.4	- 0.7										2.43	- 1.80			.0								
NORTHEAST DIVISION																										
BALO KNOB	71.1	48.6	59.9		83	23	33	8	163	0	0	0	0	5.35		1.22	20				9	4	2			
BATESVILLE LIVESTOCK AM	70.3	46.2	58.3		84	5	32	8	205	0	0	1	0	3.57		.69	25				11	3	0			
BATESVILLE L AND O NO 1	72.3	46.3	59.3		83	4	30	8	169	0	0	3	0	3.26	- 1.13	.70	21				9	1	0			
BLYTHEVILLE	69.9	49.2	59.6	- 1.6	83	18	32	8	168	0	0	1	0	4.21	- .32	1.11	29				9	3	1			
CORNING	70.7	48.4	59.6	- 0.8	82	18+	34	8	174	0	0	0	0	3.58	- .60	.73	21				10	1	0			
JONESBORO	71.5	50.4	61.0	- 0.2	82	17+	35	8	140	0	0	0	0	4.03	- .04	.98	25				9	2	0			
MARKEO TREE	70.9	50.1	60.5	.3	82	18	36	8	151	0	0	0	0	4.61	- .32	1.15	25				8	4	1			
NEWPORT	71.2	50.8	61.0	- 1.0	81	4	37	8	134	0	0	0	0	5.81	1.20	1.50	4				10	4	2			
PARAGOULO	70.9	47.2	59.1		80	18+	31	8	176	0	0	1	0	4.28		1.27	3				10	2	1			
POCAHONTAS 1	71.3	47.4	59.4	- 1.0	79	23+	33	8	170	0	0	0	0	4.14	- .31	.79	4				10	4	0			
SEARCY	71.5	50.1	60.8	- 0.9	84	4	36	8	141	0	0	0	0	5.46	.76	1.14	29				9	5	1			
WALNUT RIDGE CAA AP	68.8	49.0	58.9		80	18	36	8	187	0	0	0	0	3.99		1.36	20				9	3	1			
WILSON	70.4	48.1M	59.3M		81	23+	32	8	176	0	0	1	0	6.38		1.74	25				6	5	3			
O DIVISION																										
			59.7	- 1.1										4.51	.14			.0								
WEST CENTRAL DIVISION																										
BOONEVILLE	73.5	49.0	61.3	- 1.0	88	4	34	12	131	0	0	0	0	4.12	- .42	.66	9				11	3	0			
CAMP CHAFFEE AM	70.6	49.1	59.9		88	24+	35	12	168	0	0	0	0	4.71		1.25	20				12	3	1			
CLARKSVILLE	72.8	49.0	60.9		87	23+	33	8	145	0	0	0	0	4.92		.86	20				12	5	0			
OSARKVILLE	73.4	51.2	62.3	- 0.9	87	4	38	12	107	0	0	0	0	5.66	.92	1.08	21				13	5	1			
OSARKVILLE	66.9M	46.2M	56.6M		87	5	32	7	257	0	0	1	0	3.13		.85	21				9	2	0			
PORT SMITH WB AP	71.2	50.1	60.7	- 1.9	89	23+	39	12	146	0	0	0	0	3.81	- .68	1.10	20				11	2	1			
FT SMITH WATER PLANT	71.9	47.2	59.6		87	4	33	12	178	0	0	0	0	3.26		.90	20				10	0	0			
MENA	72.0	49.4	60.7	- 1.3	85	23+	38	12+	144	0	0	0	0	6.74	1.32	1.41	20				11	5	2			
MOUNT MAGAZINE	63.5	45.4	54.5		77	23	29	7	310	0	0	1	0	6.53		1.35	20				12	7	1			
OZARK	72.0	49.8	60.9	- 0.8	85	23+	38	12+	148	0	0	0	0	4.77	.22	.94	21				10	4	0			
PARIS	73.0	50.1	61.6		88	4	37	12	130	0	0	0	0	6.37		1.60	20				13	5	2			
RUSSELLVILLE	74.5M	50.3M	62.4M		87	4	36	12+	108	0	0	0	0	5.65		.99	20				11	5	0			
SUBIACO	72.3	49.0	60.7	- 1.7	88	23	38	8+	150	0	0	0	0	5.78	1.13	1.29	20				10	1	1			
TURNPIKE	64.4	43.3M	53.9M		75	16+	32	10+	331	0	0	2	0	2.91		.92	20				6	2	0			
WALORON	73.2	48.9	61.1		87	23+	34	12+	146	0	0	0	0	5.62		1.49	20				11	5	1			
WHITE ROCK	66.6M	46.7M	56.7M		81	23+	31	7	250	0	0	1	0	3.61		.68	15				10	3	0			
O DIVISION																										
			59.6	- 1.6										4.85	- .36			.0								
CENTRAL DIVISION																										
ALUM FORK	72.3	48.5	60.4		85	4	34	8	151	0	0	0	0	7.17		1.65	20				9	7	3			
BENTON	72.5	47.1	59.8		87	4	31	8	163	0	0	1	0	6.59		2.14	26				11	4	2			
BLAKELY MOUNTAIN OAM	71.3	49.1	60.2		87	5	34	8	163	0	0	0	0	6.61		1.58	27				11	6	2			
CONWAY	72.2	50.2	61.2	- 1.8	86	4	38	12+	140	0	0	0	0	5.37		1.07	20				10	4	1			
HOT SPRINGS 1 NNE	73.4	51.1	62.3	- 1.9	88	4	40	8	109	0	0	0	0	7.41	1.59	1.60	27				8	6	4			
LITTLE ROCK WB AP	70.5	52.6	61.6	- 0.9	89	4	40	8																		

CLIMATOLOGICAL DATA

ARKANSAS
APRIL 1958

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										30° or Above	32° or Below	32° or Below	32° or Below					Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
EAST CENTRAL DIVISION																							
BRINKLEY	70.7	49.2	60.0	- 2.4	83	23+	32	8	169	0	0	1	0	7.17	2.62	1.41	25	.0	0		10	6	3
OES ARC	70.3	49.9	60.1		84	5	41	12+	163	0	0	0	0	8.79		1.57	29	.0	0		11	8	2
HELENA	72.0	52.1	62.1	- 0.5	85	23	35	8	124	0	0	0	0	8.34	3.38	1.94	26	.0	0		8	5	4
KEO	72.0	50.0	61.0		85	4	34	8	138	0	0	0	0	6.90		2.44	26	.0	0		9	5	2
MARIANNA 2 S	71.3	49.5	60.4	- 1.6	82	23	32	8	150	0	0	1	0	7.04	2.69	1.55	15	.0	0		12	5	2
SAINT CHARLES	72.1	52.2	62.2		84	24+	40	8+	123	0	0	0	0	10.33		3.03	26	.0	0		9	6	5
STUTTGART	73.2	51.9	62.6	- 0.3	88	4	36	8	112	0	0	0	0	7.10	2.39	2.75	26	.0	0		9	7	1
STUTTGART 9 ESE	70.1	50.5	60.3		82	24+	35	8	154	0	0	0	0	8.59		2.70	26	.0	0		8	7	3
WYNNE	70.0	49.3	59.7		82	4	34	8	170	0	0	0	0	5.96		.92	25	.0	0		10	6	0
DIVISION			60.9	- 1.4										7.80	3.07			.0					
SOUTHWEST DIVISION																							
ASHOWN	74.2	51.4	62.8		89	23	37	12	113	0	0	0	0	11.39		3.17	30	.0	0		10	6	4
DE QUEEN	73.9	50.5	62.2		88	4	36	12	118	0	0	0	0	7.64		2.30	27	.0	0		10	5	2
OIERKS																							
HOPE 3 NE	71.8	49.7	60.8	- 2.2	86	24+	36	8	151	0	0	0	0	11.70	6.33	3.88	26	.0	0		8	6	5
MOUNT IOA	70.9	47.9M	57.4M	- 1.0	86	4	30	8	183	0	0	1	0	5.63	.11	1.11	27	.0	0		12	4	1
NARROWS DAM	72.4	47.8	60.1		88	24	33	12+	160	0	0	0	0	7.86		2.70	27	.0	0		8	4	3
NASHVILLE PEACH SUBSTA	70.6	49.3	60.0		86	24+	36	12	167	0	0	0	0	6.69		2.30	27	.0	0		11	4	1
OKAY	75.0	52.7	63.9	- 0.7	89	23	39	12+	90	0	0	0	0	9.52	4.68	3.10	30	.0	0		9	5	4
TEXARKANA WB AP	R//	71.3	52.8	- 2.9	88	23	42	7	121	0	0	0	0	14.00	8.70	5.09	26	.0	0		11	7	5
DIVISION			61.4	- 1.4										9.30	3.81			.0					
SOUTH CENTRAL DIVISION																							
ARKAOLPHIA	74.0	51.5	62.8		89	4	38	12+	104	0	0	0	0	8.56	3.12	2.00	27	.0	0		12	5	3
CAMOEN 1	73.7	49.7	61.7	- 2.4	89	5	37	8	132	0	0	0	0	8.91	4.08	2.50	28	.0	0		10	5	4
EL OORAOO CAA AIRPORT	72.8	51.2	62.0	- 3.0	89	4	36	8	127	0	0	0	0	19.56	14.57	10.65	26	.0	0		10	5	4
FOROYCE 6 W	73.6M	50.3M	62.0M		88	4	35	8	118	0	0	0	0	9.44		3.15	26	.0	0		10	5	4
MAGNOLIA 3 N	72.2	50.8	61.5	- 3.7	85	24+	39	7	135	0	0	0	0	16.52	11.61	7.90	27	.0	0		8	6	4
PRESCOTT	71.3	49.1	60.2	- 4.2	87	24	38	9+	158	0	0	0	0	10.71	5.59	3.50	26	.0	0		12	5	3
WARREN	75.0M	51.8M	63.4M	- 1.4	88	4	38	8	99	0	0	0	0	10.05		3.97	26	.0	0		10	6	4
DIVISION			61.9	- 2.0										11.96	6.97			.0					
SOUTHEAST DIVISION																							
CROSSETT 7 S	75.2	49.6	62.4	- 1.4	87	24+	32	8	105	0	0	1	0	16.71	11.84	6.48	25	.0	0		11	6	5
CUMMINS FARM	72.8	49.8M	61.3M		86	4	32	8	132	0	0	1	0	9.96		2.93	26	.0	0		9	7	3
DUMAS 1	73.9	51.7	62.8	- 1.1	86	23+	34	8	107	0	0	0	0	10.72	5.87	2.96	26	.0	0		10	6	3
MONTICELLO 3 S	74.4	51.7	63.1		87	4	40	9	96	0	0	0	0	10.11		3.65	26	.0	0		10	6	3
PINE BLUFF	73.8	52.6	63.2	- 1.3	89	4	39	8	103	0	0	0	0	7.92	2.72	1.86	26	.0	0		9	7	3
PINE BLUFF CAA AIRPORT	71.6	51.3	61.5		86	4	38	8	133	0	0	0	0	8.41		2.25	26	.0	0		9	6	3
PORTLAND	72.6	50.8	61.7	- 2.4	85	25+	37	9+	131	0	0	0	0	12.88	8.15	5.00	25	.0	0		10	8	4
DIVISION			62.3	- 1.6										10.96	6.00			.0					

DAILY PRECIPITATION

ARKANSAS
APRIL 1958

Table with columns: Station, Total, Day of month (1-31), and rows for various locations including 980TT, 980TT, LUM FORK, MITY 3 NE, etc.

See reference notes following Station Index.

DAILY PRECIPITATION

ARKANSAS
APRIL 195

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARKEO TREE	4.61			.67											.71						.45	.38			1.15	.16	.17		T	.92			
MARSHALL	1.99														.37										.30	.10	.11				.47		
MARVELL	7.97										.27				.35	1.20				.40		.35			1.07	1.37	1.63		.30	1.00	.03		
MELBOURNE	4.18	.51		.94	1.20									.31	.12						.39	.06		.04	.09	.09	.10		.04	.29			
MENA	6.74		.83		.18				.86	.07	.05			.33	.43				.09	.01	1.41	.72	.11	T	.23	1.24			T	.02	.16		
MONTICELLO 3 S	10.11									.03	.05	.09			.90	.17			T	.08	.28	.31			1.64	3.65	1.41		.10	.90	.90		
MOROSAY L AND O NO 8	17.14										.09				.46	.27				.04	.42	.06			2.72	3.28	6.87		.10	1.41	1.42		
MORRILTON	5.22		T	.34	T					.52	.15	.04		.29	.08				.10	.20	1.08	.11			.08	.32	.77		.06	1.25	.01		
MOUNT IOA	5.63		T	.67						.75	.29	.28		.47	.22				.08	.70	.16	.07			.18	.47	1.11		.06	1.25	.01		
MOUNT MAGAZINE	6.53		T	.35					.65	.75				.25	.70					1.35	.20	.20	.55		.10	.44	.64	.44	.55	.15			
MOUNTAIN HOME 1 NNW	2.92	.04		.23	.32									.30	.02				.01		.47	.37		.36	.28	.16		.27	.10				
MOUNTAIN HOME C OF ENG	3.11		.04	.30	.26									.26	T						.50			T	.23	.17	T	.52					
MOUNTAIN VIEW 1 E	3.17		.07	.56	.33									.03	.20	.22					.61			.06	.26	.12	.17	T	.61				
MULBERRY 6 NNE	3.24					T				.29	.78	.23		.08	.28	T				T	T	.65	.20	T	.15	.51							
NARROWS DAM	7.86		.07	.06						.73	.04			1.04	.43					.06	.08	.49	.03		.04	1.44	2.70	T	.41	.31			
NASHVILLE PEACH SUBSTA	6.69	.05		.30						.67	.04	.08		.84	.08					.10	.46	.15	T		.10	.77	2.30	T	.46	.29			
ATHAN 4 WNW	7.41									.70	.20	.13		.79	.57					.15	.28	.47	.05		T	1.01	2.69		.04	.33			
NEWHOPE 3 E	7.91			.52						.75	.04			.25	1.00						.84	.00			.40	1.00	.65	2.00	.20	.30			
NEWPORT	5.81				1.50									.19	.28						.90	.80	.15	T		1.20	.12	.41	.03	.79			
NIMROD DAM	7.29		T	.02	.35					.75	.32	.09		.35	.45						.61	.86	.10			.35	.82		2.20				
NOELL	2.69			.02						.10	.50	.13		.03	.31	.05					.35	.30	.23						.17		.50		
ODEN 2 W	4.11																																
OKAY	9.52									.39	.16				.87	.12				.07		.07	T	.04	.48	1.32	1.82	T	1.08	3.10			
OSCEOLA	6.32			.27	.49					.18				.10	1.17					.07		.50	.30			.19	.22		1.20				
OWENSVILLE	6.23	.02		1.17	.03					.36	.01	.02		T	.66	.05				.05	.10	.90	T	.05	.63	.10	.92	1.27	.05	.42	.02		
OZARK	4.77	T	.02	.04		T				.56	.68	.35		.08	.33	.30				T	.01	.62	.94	.29	T	.06	.18		.31				
OZOME	5.66		.08	.38		.08				.52	.45	.15		.10	.35	.38					.12	1.28	.94	.38		.28	.26	.17	.34	.40			
PARAGOULD	4.28			1.27	.08									.25	.07							.54	.37		.25	.28	.17		.34	.40			
PARIS	6.37	.03		.43	.10					.50	.53	.11		.13	.16	.69					1.60		.30			.06	.27	.40	1.17	.18			
PARKIN 2 W	5.99			.66	.25						.16	.69		.02							.62	.28				1.56	.68	.25	.82				
PARIS	6.54			.62						.86	.25				.28	.47					1.47	.11		.32	.22	1.10		.22	.62		.62		
PERRYVILLE	10.04	T		.47																	1.31		.13	.02	.02	.03	1.31		1.71	.04			
PINE BLUFF	7.92			T						T	.04	.06	T		.78	.51					.12	T	.75	.11	.01	1.31	1.86	1.55	.74	.08			
PINE BLUFF CAA AIRPORT	8.41			.75						.04	.03	.01		.05	1.46	T				T	.11	.54	.15	.20	1.74	2.25	.03	.91	.08	.81			
PINE RIDGE	7.10	.02								.90	.05	.39			.41	.58				.02	.04	.73	1.04			.31	1.42		.31	.13			
POCAHONTAS 1	4.14			.28	.79	T									.13	.20					.72	.59			.22	.30		.15	.76				
PORTLAND	12.88										.25				.23	.78					T	.50	T	T	5.00	2.50	1.05	.55	1.52	.50			
PRESCOTT	10.71			.05						.16	.03	.05			1.55	.33					.10	.11	.27	.37	T	T	.60	3.50	2.33	.03	.95	.26	
RATCLIFF	3.72			.07		.42	T							.10	.41						1.48	T				.96	.12						
RISON	8.33										.05	.51			.58						.53	.58	.08	.01	.80	2.50	1.45	T	1.04	.20			
ROGERS	4.10	T	.03	.26							.03	.22		T	.63						.40	.01	.50	.70	.09	.61	.63	.14					
RUSSELLVILLE	5.65			.18						.88	.29				.48	.03						.99	.12	.22	T	.09	.61	.46	.67	.23			
SAINT CHARLES	10.33			.04							.71				.41	1.17					.01	.03	1.08	.10	1.12	3.03	.45	.23	.13	.05			
SAINT FRANCIS	3.55			.25	.50	.10									.21	.28						1.15	.35		.18	.30	.10	.07	.27				
SALEM	3.62			.56	.41										.21	.28					.92		.22	.19		.24	.15	.53	.19				
SEARCY	5.46			.55	.03						.03				.20	.33					T	.95	.28		.78	.38	.62	.07	1.14				
SHERIDAN TOWER	10.25	T		.18								.03			.33	.32					*	1.50	.05		* 1.84	* 3.30	.05	.06	1.82				
SHIRLEY 3 SE	3.79			.60							T	.04		T	.04							1.02	.05			.65	.18		.70				
SILOAN SPRINGS	3.59		.03	.09	T					T	.09	.22	.02	T	.39	.11					.02	.76	.51	.53		.02	.33	.49					
SPARKMAN 4 E	10.05			.05						.10	.10				.60	.90						*	1.65	.45	.50	3.00	2.10		.60				
STAMPS	18.35	.05								.23	.10				.80						.04	.07	.06	.11		.35	3.92	8.98	.10	2.14	1.40		
STAR CITY 2 S	11.03										T	.15			.23	.74						.14	.65	.09	1.04	2.19	1.87	T	1.60	2.33			
STEVE	5.73			.80							.70				.43							1.73				.58	.61		.88				
STUTTGART	7.10										.15				.60						.15	T	.73	.54		.70	2.75	.77	.68	.03			
STUTTGART 9 ESE	8.59										.09				.59	1.13					.07	.70	.32	T		.75	2.70	.82	.01	1.38	.03		
SUBIACO	5.78	.02		.41						.55	.50	.22		.17	*	.55						1.29	.05	.13	.50		.89	4.65	4.15	.10	1.11	1.47	
TAYLOR	13.73									.09	.20				.43								.38	.02			.89	4.65	4.15	.10	1.11	1.47	
TEXARKANA WS AP	14.00	T	T								.39	.29	.09		1.00	.56					.08			.46	1.41	5.09	.15	.70	1.18	2.64			
TURNPIKE	2.91										.82	.79			.51	.13						.92	.14	T		.34	.74		.11	T			
WALORON	5.62			.21	.07						.82	.79		T	.51	.13						1.49	.11	.22		.16	.96	.11	T				
WALNUT GROVE	2.71			.72							.02				.27	T						.42	.19			.22	.33	.22	.51	.32			
WALNUT RIDGE CAA AP	3.99			.81	.15										.33	.22					T	1.36	.22	T	.24	.22	.22	.12	.51	.01	T		
WARREN	10.05	T									.06	.01			.67	.03					.01		.13	.42	.01	.18	T	.25	.37	1.24	.13	.87	1.06
WASHITA	6.42										.20				.45	.30						2.05	.65			.72	.93	.10	1.70	.10			
WHITE ROCK	3.61		T	.04							.17	.54	.17		.07	.48	.68					.50											

DAILY TEMPERATURES

ARKANSAS
APRIL 1956

Station	Day Of Month																															Average						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31							
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX		MIN					
ALUM FORK	70	40	77	45	78	60	85	63	84	62	72	63	62	66	68	50	62	70	68	65	70	79	50	80	79	76	78	74	76	82	82	62	64	69	76	75	58	72.3
ARKAOLPHIA	75	42	80	50	82	63	89	81	73	70	63	69	65	65	72	75	70	69	78	79	77	72	77	77	84	83	69	62	72	78	76	58	74.0					
ASHOOWN	77	49	77	58	88	68	86	72	69	67	67	65	65	71	71	71	70	77	80	78	73	73	79	79	89	86	62	65	70	79	77	62	74.2					
BALO KNOB	66	35	77	41	73	50	82	78	73	60	58	68	64	70	69	67	64	61	79	79	74	74	75	74	83	81	62	63	70	78	73	59	71.1					
BATESVILLE LIVESTOCK	66	33	68	40	75	50	84	76	65	59	60	71	62	67	71	66	56	65	71	81	79	75	65	77	75	79	68	70	65	73	76	64	70.3					
BATESVILLE L AND O NO 1	67	31	79	41	77	50	83	79	72	60	61	70	65	66	72	69	67	64	80	80	82	76	72	77	75	79	68	64	71	78	75	63	72.3					
BENTON	72	35	79	40	81	50	87	79	78	69	61	69	67	66	70	70	65	67	76	84	81	76	74	76	75	84	75	65	64	69	70	69	56	72.5				
BENTONVILLE	70	44	77	52	84	62	72	58	59	59	67	56	62	69	60	59	63	75	78	71	77	71	72	69	88	77	69	62	63	71	60	70	68.7					
BLAKELY MOUNTAIN DAM	66	40	73	45	81	55	87	75	71	70	66	58	69	58	64	71	68	57	69	79	81	83	77	65	75	76	64	69	64	66	74	77	60	71.3				
BLYTHERVILLE	69	38	78	51	80	55	70	67	54	60	66	63	64	70	69	64	57	74	81	83	76	72	75	70	79	79	63	63	68	78	74	62	69.9					
BOONEVILLE	78	49	81	58	88	77	66	66	59	70	64	65	77	64	68	69	79	82	75	79	76	74	75	87	80	71	68	75	78	70	68	73.5						
BRINKLEY	67	37	76	51	83	49	81	68	57	59	67	61	62	69	69	63	62	76	81	79	76	67	74	74	83	82	59	66	73	78	73	59	70.7					
CAMDEN 1	67	40	76	49	85	58	89	82	73	66	63	69	65	65	74	73	62	71	78	83	71	77	70	80	79	87	76	63	65	78	82	61	73.7					
CAMP CHAFFEE	65	44	77	49	78	56	85	72	59	65	59	69	54	65	69	61	58	68	75	79	75	79	75	73	74	88	69	71	67	73	72	65	70.6					
CLARKSVILLE	69	40	82	49	77	52	87	85	72	65	63	66	64	66	70	65	63	77	80	75	77	75	76	73	87	85	63	65	73	77	67	63	72.8					
CONWAY	68	38	78	47	86	50	84	72	63	61	68	66	65	69	69	65	70	77	80	77	76	74	75	74	84	83	65	62	71	76	67	61	72.2					
CORNING	66	38	78	52	71	45	78	75	71	59	62	66	63	64	71	63	61	78	82	82	77	71	77	73	81	78	68	66	62	78	72	64	70.7					
CROSSETT 7 S	74	39	77	49	85	54	86	84	82	75	63	66	66	67	75	70	70	78	83	80	76	75	78	80	87	87	64	66	75	78	70	58	75.2					
CUMMINS FARM	69	41	78	49	82	57	86	82	74	68	61	66	64	63	70	73	70	75	80	79	75	71	76	74	85	84	67	65	73	79	70	59	72.8					
DARONELLE	73	43	81	50	86	63	83	71	66	65	69	67	66	71	71	64	70	77	80	75	78	77	76	73	85	84	69	65	71	77	70	60	73.4					
DE QUEEN	78	48	77	58	88	60	81	70	71	64	69	62	68	73	68	67	72	80	83	75	78	75	76	79	87	82	69	70	69	79	72	55	73.9					
OES ARC	65	41	68	46	77	48	84	81	67	59	59	68	63	64	70	70	57	65	75	80	79	75	66	70	75	83	73	64	64	71	79	61	70.3					
DEVILS KNOB	59	41	73	52	70	53	80	87	58	57	53	59	55	58	69	59	55	61	73	74	69	72	68	70	68	79	66	63	68	74	67	66.9						
OIERKS																																						
OMAS 1	70	40	80	50	83	57	86	80	76	63	62	67	66	66	74	75	67	75	82	80	76	70	77	74	86	84	67	70	78	82	69	64	73.9					
EL OORAO CAA AIRPORT	76	47	78	57	84	49	80	72	65	61	69	62	64	73	73	63	68	77	82	70	75	75	78	79	88	84	58	65	75	80	66	55	72.8					
EUREKA SPRINGS	68	44	78	50	82	48	79	72	57	57	66	61	63	68	65	56	62	75	77	75	76	75	73	69	85	83	68	65	57	74	65	68	69.7					
FAYETTEVILLE	71	47	78	54	73	43	84	75	64	61	61	68	57	63	68	61	58	76	78	72	77	72	70	73	86	79	71	64	68	71	63	70	69.8					
FAYETTEVILLE CAA AP	69	47	76	49	71	50	83	70	50	59	59	66	55	61	67	57	58	75	78	72	76	70	71	72	85	62	71	63	70	72	59	70	67.6					
FAYETTEVILLE EXP STA	68	47	75	54	71	45	82	78	62	58	58	65	55	60	66	62	57	74	75	72	74	73	68	70	84	82	69	67	67	69	65	67	68.5					
FLIPPIN CAA AIRPORT	68	37	83	46	71	55	86	74	56	61	61	69	61	64	71	65	58	79	82	77	78	66	78	73	84	80	71	60	64	73	62	67	70.2					
FOROYCE 6 W	78	43	84	51	88	52	82	72	65	61	67	64	64	72	72	68	68	78	83	79	75	73	76	78	86	83	64	64	75	79	79	58	73.6					
FORT SMITH WB AP	77	47	78	51	77	49	89	74	59	66	59	69	54	65	70	61	58	76	79	74	79	76	73	74	89	81	72	67	73	72	65	61	71.2					
FT SMITH WATER PLANT	70	47	77	47	75	60	87	63	68	64	62	65	62	64	69	65	60	75	77	75	76	75	77	72	85	82	72	70	74	75	71	64	71.9					
GILBERT	69	33	82	49	75	58	85	82	68	62	60	69	64	66	72	67	63	79	81	77	79	75	79	75	85	82	72	67	75	80	73	66	73.2					
GRAVETTE	71	43	75	49	71	54	84	75	62	59	59	63	55	61	67	62	59	76	77	72	76	70	74	80	86	81	69	65	64	70	60	69	68.7					
HARRISON	67	43	79	45	73	55	83	78	63	59	58	66	62	64	69	62	59	72	82	77	78	66	66	74	84	79	70	68	64	75	70	66	70.1					
HELENA	68	47	78	58	84	47	82	72	59	64	65	62	63	70	72	68	61	77	82	81	77	70	74	74	85	82	63	67	78	80	68	58	72.0					
HOPE 3 NE	66	41	76	49	77	50	81	86	76	76	66	59	69	60	64	71	73	66	59	76	81	70	77	69	77	78	72	59	60	73	81	59	71.8					

DAILY TEMPERATURES

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Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HOT SPRINGS 1 NNE	MAX	75	79	80	88	83	71	68	67	70	69	65	72	73	65	68	80	82	77	78	74	73	78	83	81	64	65	73	77	73	54		
	MIN	45	54	54	50	61	50	42	40	44	40	50	46	43	53	52	50	49	51	59	57	51	48	50	56	54	51	53	57	61	52	49	
JONESBORO	MAX	70	80	72	82	81	72	58	61	67	62	66	71	69	64	62	78	82	80	75	72	78	83	80	79	66	62	69	80	74	61		
	MIN	40	53	54	45	58	52	43	35	49	47	44	42	45	50	50	58	51	55	57	59	55	49	55	58	52	54	50	59	53	48		
KEO	MAX	69	79	82	85	79	71	61	60	66	64	65	70	70	66	69	75	81	77	77	75	76	73	84	80	60	64	73	79	74	57		
	MIN	40	48	57	49	59	48	44	34	45	46	48	40	49	51	50	47	45	56	57	57	47	50	55	58	50	54	56	55	55	50		
LEAD HILL	MAX	68	80	70	84	73	66	60	60	69	60	64	69	62	59	64	77	80	77	77	68	78	71	88	80	70	65	60	65	66	70		
	MIN	42	46	49	39	63	42	39	28	41	44	47	39	44	49	49	38	41	49	49	52	36	52	60	50	37	50	50	46	39	40		
LITTLE ROCK WB AP	MAX	69	80	81	88	78	67	62	57	67	61	64	71	67	57	68	76	80	77	74	66	76	73	85	80	62	62	69	78	63	56		
	MIN	43	49	56	52	64	52	45	40	49	51	50	45	55	52	53	53	51	59	53	51	59	58	53	50	52	57	57	62	54	52		
MAGNOLIA 3 N	MAX	75	75	80	81	84	75	64	62	65	65	60	68	70	62	67	72	79	78	73	73	71	73	85	84	70	64	74	81	79	55		
	MIN	52	54	57	46	57	52	39	40	46	49	43	41	48	53	45	44	45	57	56	58	46	46	60	65	52	54	58	57	54	50		
MALVERN	MAX	75	80	82	89	86	73	67	65	71	69	67	73	72	68	70	79	83	77	78	77	74	78	85	82	64	62	74	79	77	65		
	MIN	35	45	56	41	61	51	41	31	45	49	46	36	45	52	47	44	43	52	56	57	56	45	53	60	46	53	56	59	55	46		
MAMMOTH SPRING	MAX	62	79	69	79	76	64	59	60	66	66		71	66	64	64	79	82	84	77	70	78	77	80	79	72	61	65	77	63	67		
	MIN	30	40	50	41	63	46	40	29	44	43		30	44	47	49	40	42	48	51	53	38	42	58	55	44	50	47	54	48	40		
MARIANNA 2 S	MAX	67	79	77	81	79	75	62	61	65	62	62	69	70	69	60	74	79	79	76	70	73	73	82	81	60	67	76	78	76	58		
	MIN	40	49	49	45	58	44	43	32	47	49	46	38	43	49	51	49	48	54	55	57	51	51	55	58	51	54	56	59	55	48		
MARKEO TREE	MAX	69	79	69	80	79	70	60	62	67	61	66	69	69	62	60	74	80	82	78	73	76	73	80	79	61	63	69	80	75	63		
	MIN	39	51	54	40	58	48	43	36	47	47	43	41	46	51	51	57	50	55	58	56	50	54	55	50	51	56	51	63	54	47		
MARSHALL	MAX	67	80	76	84	79	72	58	59	68	67	64	70	65	57	64	78	80	76	76	69	77	74	84	79	70	65	73	74	64	66		
	MIN	44	46	55	45	63	44	42	36	43	41	43	33	40	45	49	42	49	53	54	52	40	49	60	53	47	51	50	51	54	48		
MENA	MAX	74	72	76	85	77	67	66	62	68	63	63	72	65	60	67	80	80	72	78	75	72	79	85	81	75	69	76	76	69	56		
	MIN	45	56	52	46	59	46	38	39	43	49	44	38	51	51	42	43	43	56	51	58	45	49	64	54	52	53	57	61	54	48		
MONTICELLO 3 S	MAX	73	77	84	87	83	77	67	63	66	66	66	70	74	72	67	75	83	80	76	70	78	78	85	85	78	64	77	79	74	57		
	MIN	49	54	56	55	58	55	42	42	40	42	50	43	57	54	49	53	45	53	55	58	55	53	54	59	51	54	58	59	51	48		
MORRILTON	MAX	70	80	78	86	83	71	67	59	68	67	67	70	68	65	67	77	79	76	76	73	76	74	84	82	66	62	72	77	67	59		
	MIN	35	47	57	51	63	49	42	37	45	50	41	40	50	51	50	48	47	56	56	58	48	51	55	55	54	54	56	60	58	50		
MOUNT IOA	MAX	70	76	79	86	73	67	65	59	68	56	63	71	65	68	63	77	80	74	77	70	74	78	85	80	66	68	74	77	64	55		
	MIN	38	48		40	55	49	41	30	44	49	45	33	45	52	46	41	41	55	54	54	50	42	52	58	52	53	56	59	52	49		
MOUNT MAGAZINE	MAX	65	70	70	71	68	59	54	48	59	50	54	62	57	54	65	69	72	66	69	70	66	68	77	71	61	64	65	60	62	60		
	MIN	42	52	52	53	50	36	29	35	36	35	38	36	43	44	43	46	54	58	59	54	58	63	57	46	43	44	46	49	44	40		
MOUNTAIN HOME 1 NNW	MAX	61	79	76	81	80	65	59	59	65	61	64	69	62	60	65	76	80	76	77	75	78	73	82	81	70	67	61	73	69	66		
	MIN	41	46	54	45	60	43	39	37	45	45	47	31	50	48	48	49	52	56	56	55	42	47	58	52	44	50	48	53	47	43		
MOUNTAIN HOME C OF ENG	MAX	65	62	80	68	88	73	54	59	60	65	62	64	69	63	55	65	78	81	79	77	65	80	72	82	65	70	55	61	75	61		
	MIN	36	41	48	42	47	44	39	33	42	45	45	33	42	48	48	42	45	52	55	55	40	46	50	53	45	48	49	49	47	44		
NARROWS OAM	MAX	69	75	77	80	87	75	69	69	62	69	59	66	74	70	67	69	78	82	75	76	73	76	80	88	67	65	65	70	79	62		
	MIN	39	45	51	41	51	42	44	33	45	48	49	33	42	53	42	44	42	53	42	44	53	56	53	45	43	52	59	58	57	50		
NASHVILLE PEACH SUBSTA	MAX	67	73	75	78	86	74	68	67	60	66	56	64	71	69	64	69	77	79	67	76	71	74	77	86	67	64	65	70	78	60		
	MIN	43	49	60	46	52	50	38	39	41	46	46	36	47	52	43	48	47	53	57	57	46	45	49	62	52	53	56	60	57	49		
NEWPORT	MAX	68	78	71	81	79	73	59	60	66	64	66	71	69	67	64	77	79	80	74	70	76	71	80	80	67	64	67	77	74	63		
	MIN	40	51	55	46	60	52	43	37	48	49	46	42	50	51	51	47	49	57	57	59	48	50	57	57	52	54	51	60	55	49		
NIMROD DAM	MAX	66	73	80	78	88	75	63	65	60	69	53	65	70	65	55	68	77	82	74	78	65	75	76	84	68	70	63	73	68	58		
	MIN	39	48	53	41	53	49	43	31	44	45	46	38	44	51	50	45	45	55	54	55	45	48	55	62	58	53	55	58	53	46		
OKAY	MAX	76	77	81	88	85	72	68	65	70	69	68	71	73	66	72	77	82	80	77	73	78	80	89	88	73	62	71	80	78	60		
	MIN	49	59	65	47	63	53	44	39	46	52	46	39	59	54	45	46	48	60	59	63	49	48	60	58	53	55	58	61	54	48		
OZARK	MAX	68	78	75	85	82	70	67	59	67	62	65	70	67	61	67	75	80	76	77	75	74	72	85	82	72	65	78	75	67	63		
	MIN	42	52	57	45	62	47	38	42	45	50	43	38	45	51	47	43	48	57	50	59	45	47	61	59	50	55	50	62	55	50		
PARAGOULO	MAX	67	77	75	77	77	73	57	61	66	65	64	70	69	64	62	77	80	80	75	72	74	73	77	77	71	64	69	76	75	63		
	MIN	33	48	52	42	55	50	41	31	45	44	39	35	43	52	49	48	46	50	54	53	46	49	54	54	49	51	48	58	51	45		
PARIS	MAX	76	82	77	88	82	70	65	60	68	64	61	71	66	60	68	78	81	76	79	79	75	74	87	85	71	64	73	77	70	62		
	MIN	43	47	59	43	62	54	40	42	45	50	46	37	50	51	47	42	46	57	51	5												

DAILY TEMPERATURES

ARKANSAS
APRIL 1958

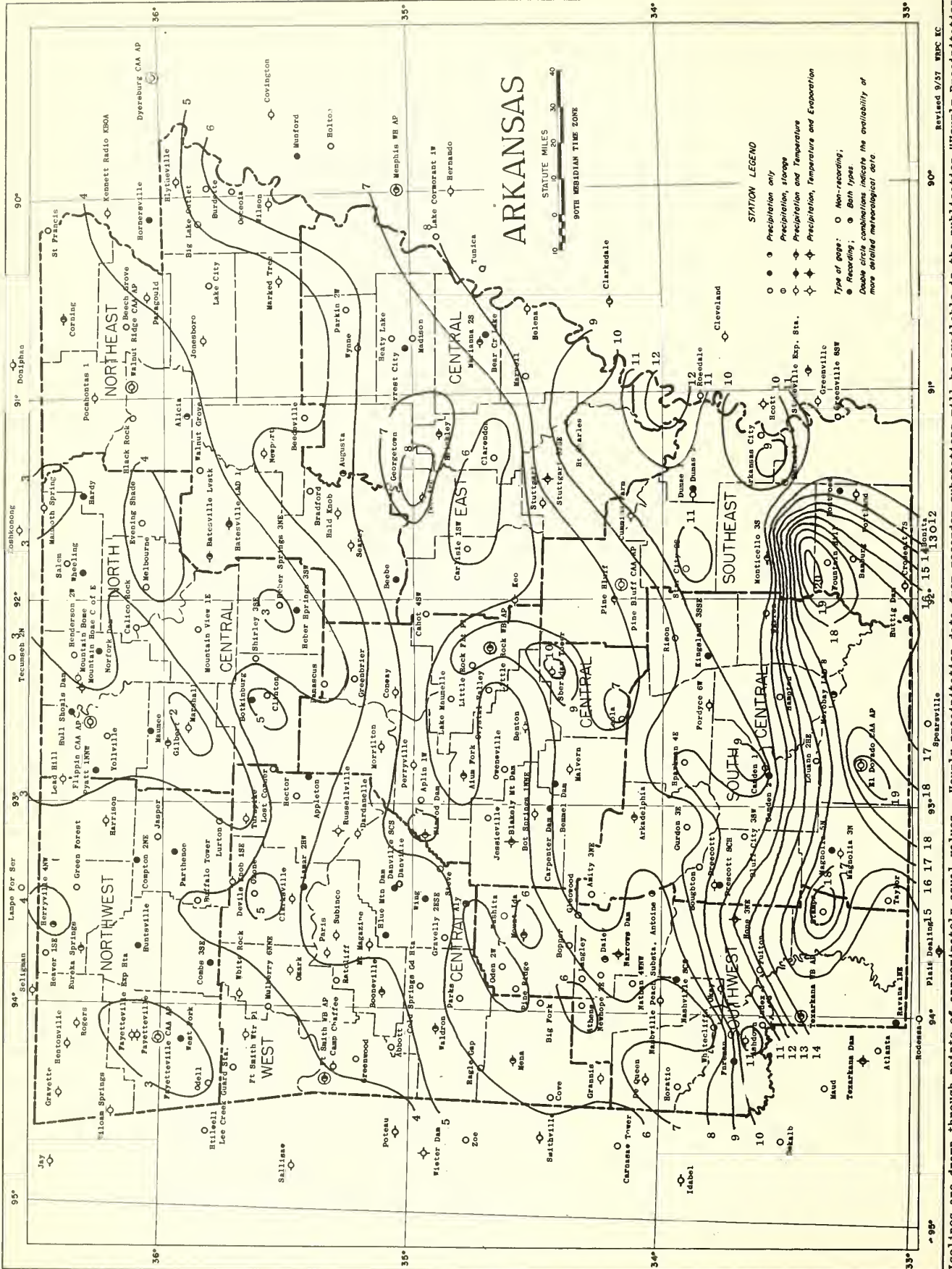
Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		STUTT GART 9 ESE	MAX	63	67	75	80	82	80	70	58	60	65	62	63	69	71	64	64	74	78	76	73	66	74	71	82	75	63	66	74	78	
	MIN	41	48	55	48	54	51	45	35	40	47	48	39	43	51	51	51	49	56	56	58	50	52	56	62	52	53	57	59	58	50	50.5	
SUBIACO	MAX	75	80	78	87	81	67	65	59	67	61	67	71	64	59	69	76	81	77	78	71	77	73	88	82	72	65	75	77	66	60	72.3	
	MIN	47	50	53	45	62	48	38	38	43	48	44	41	48	49	46	46	49	59	50	56	43	47	57	53	47	52	55	59	50	47	49.0	
TEXARKANA W8 AP	MAX	77	76	80	87	75	69	66	61	67	62	64	71	72	64	69	77	80	67	73	70	78	78	88	74	61	63	72	80	65	53	71.3	
	MIN	50	59	60	54	62	52	42	43	47	50	45	43	54	51	47	49	54	60	58	56	53	50	64	56	53	55	58	61	52	47	52.8	
TURNPIKE	MAX	58	73	67	75	74	63	64	62	61	60	55	64	55	54	54	75	72	67	73	64	63	62	73	72	63	60	67	63	62	56	64.6	
	MIN	42	52	53	42		34	42	32	34	32	34	34	44	43	44	42	56	52	52	51	51	47	52	43	43	39	43	42	44	37	43.3	
WALDRON	MAX	76	78	77	87	85	69	63	63	68	67	63	70	68	62	65	77	82	80	78	77	74	77	87	85	69	67	75	78	70	60	73.2	
	MIN	48	46	57	43	60	47	40	34	44	50	45	34	50	51	47	40	47	54	47	57	42	42	67	53	49	54	57	58	54	51	48.9	
WALNUT RIDGE CAA AP	MAX	67	78	63	78	75	62	60	59	66	62	64	71	66	57	60	76	79	80	74	65	75	72	78	78	68	62	67	78	63	62	68.8	
	MIN	40	49	48	46	60	48	43	36	48	46	44	40	48	52	51	47	48	54	56	53	47	49	59	55	51	51	50	58	47	47	49.0	
WARREN	MAX	74	79	84	88	83	74	70	64	66	64	67	74	74	64	70	79	84	79	79	68	78	78	87	84	68	64	79	81	73	75.0		
	MIN	40	53	61	49	61	56	42	38	44	46	49	44	49	52	52	51	46	56	57	58	48	50	58	67	52	52	59	58	54	51.8		
WHITE ROCK	MAX	63	73	73	81	77	60	58	55	62	55	59	65	51	59	70	75	69	70	68	66	68	81	77	68	64	66	72	63	62	66.6		
	MIN	42	54	52	53	55	36	31	38	39	43	40	43	43	43	48	55	55	50	51	51	43	56	46	44	49	54	55	55	43	43	46.7	
WILSON	MAX	70	78	69	81	78	75	56	54	67	62	64	64	70	63	62	74	80	81	78	72	75	74	81	80	63	63	63	78	74	62	70.4	
	MIN	39	50	50	41	58	41	42	32	46	47	39	39	43	50	51	40	49	51	50	49	50	50	54	53	53	54	55	57	51	53	48.1	
WYNNE	MAX	66	76	71	82	78	67	55	60	65	63	63	68	69	66	59	75	80	80	75	72	75	72	80	79	59	66	72	77	73	58	70.0	
	MIN	41	52	45	44	61	50	44	34	46	49	45	37	44	50	51	46	45	56	56	56	46	49	57	55	51	56	53	59	54	47	49.3	

EVAPORATION AND WIND

Station		Day of month																															Total to Avg
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BLAKELY MDUNTAIN DAM	EVAP	.11	.11	.18	.22	.23	.28	.25	.16	.07	.12	.00	.20	.15	.00	.09	.13	.16	.14	.05	.14	.08	.22	.23	.05	.09	.07	-.08	.09	.09	3.928		
	WIND	20	27	38	42	52	60	116	32	54	29	45	40	29	15	26	58	21	16	13	14	16	32	41	38	50	42	23	9	28	37	1063	
HDPE 3 NE	EVAP	.13	.18	.19	.26	-.38	.26	.16	.33	.17	.05	.09	.16	-	-	.11	.18	.16	.12	.18	.16	.12	.18	.16	.12	.14	-	-	-	-	-	-	
	WIND	19	50	84	61	92	109	99	37	41	22	37	26	16	24	26	51	21	19	11	31	29	37	30	93	84	48	14	12	38	65	1326	
MDUNTAIN HDME C DF ENG	EVAP	-.09	.18	.13	.29	.39	.12	.12	.15	.18	.12	.19	.16	.05	.11	.16	.17	.11	.16	.10	.30	.25	.17	.16	.25	.17	.16	.25	.02	.03	.14	.17	
	WIND	18	29	38	71	39	191	67	82	42	63	28	24	33	16	18	33	11	12	9	14	12	49	53	96	37	55	21	13	34	28	1236	
NARRDWS DAM	EVAP	.12	.18	.16	.27	.20	.39	.33	.17	.13	.11	.03	.12	.18	.08	.07	.10	.20	.16	.01	.12	.00	.20	.20	.15	.07	.07	-.01	.14	.10	4.218		
	WIND	32	51	79	56	95	95	135	38	52	42	50	30	34	15	23	52	34	32	12	31	16	33	30	80	49	43	35	18	34	41	1367	
NIMRDD DAM	EVAP	.15	.10	.17	.22	.21	.37	.30	.07	.36	.02	.01	.08	.16	.05	.03	.10	.17	.18	.20	.13	.8	13	13	20	30	46	33	47	21	15	23	33
	WIND	32	27	28	35	45	79	69	21	75	21	15	18	17	25	17	18	20	13	8	13	13	20	30	46	33	47	21	15	23	33	877	
RUSSELLVILLE	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-.23	*	-.18	.12	.18	.18	.12	.13	.12	.14	.21	.16	.16	.13	*	.18	.21	-	.13	
	WIND	35	35	67	41	91	159	*	109	68	20	*	43	*	24	20	11	8	3	11	6	12	31	52	28	44	*	50	4	30	36	1038	
STUTT GART 9 ESE	EVAP	.10	.10	.16	.14	.27	.33	.31	.11	.10	.06	.12	.07	.16	.10	.03	.06	.16	.14	.08	.08	.04	.19	.19	.07	.13	-	-	.08	.12	.15	3.918	
	WIND	18	57	99	93	122	199	192	33	49	42	33	16	13	24	48	28	20	16	30	37	39	79	64	161	75	77	81	14	50	81	1890	

TOTAL PRECIPITATION

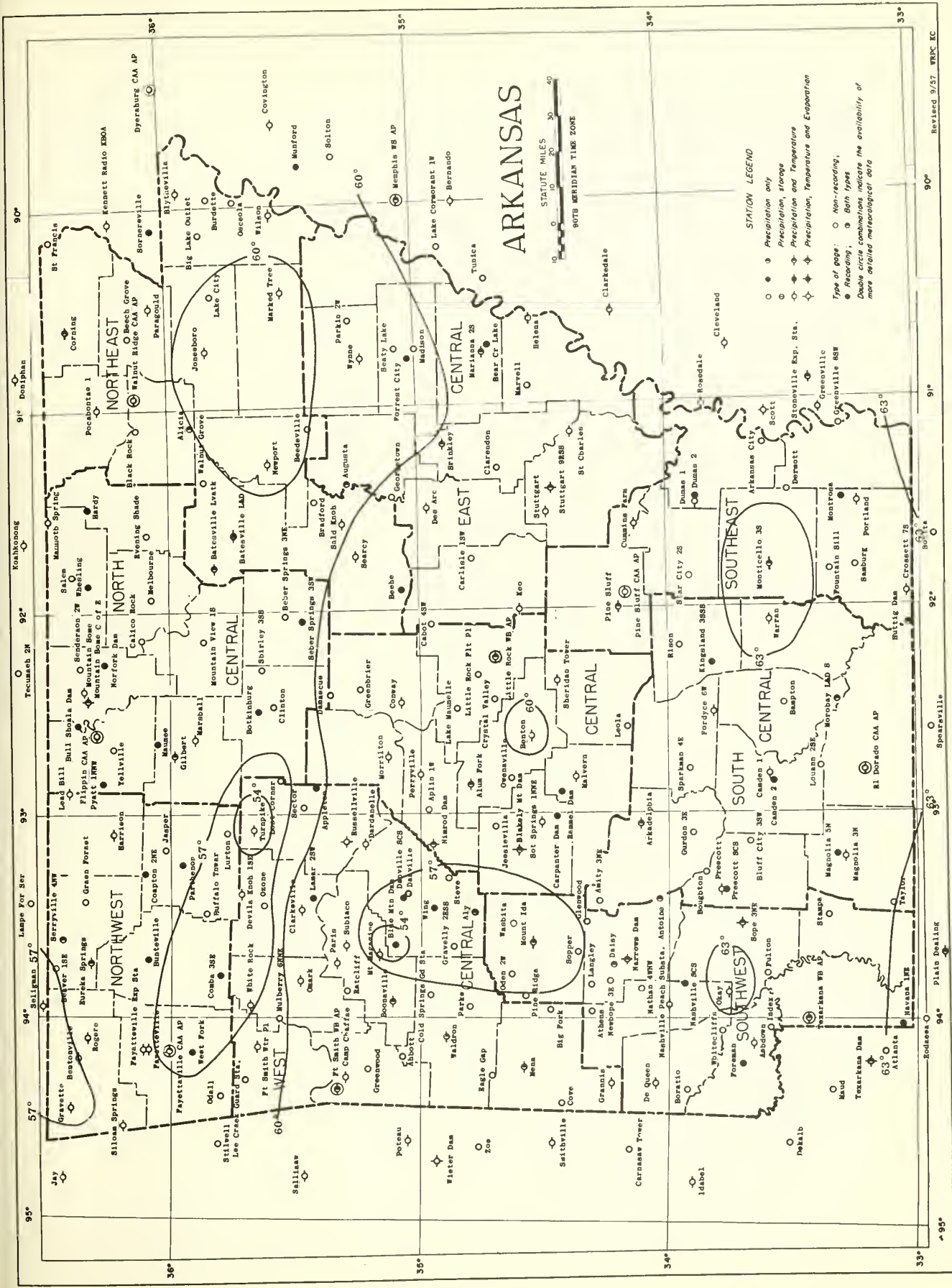
APRIL 1958



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

APRIL 1958



Isolines are drawn through points of approximately equal values.

STATION INDEX

ARKANSAS APRIL 1950

Table with columns: STATION, INDEX NO., COUNTY, DRAINAGE, LATITUDE, LONGITUDE, ELEVATION, OBSERVATION TIME AND TABLES, OBSERVER, STATION, INDEX NO., COUNTY, DRAINAGE, LATITUDE, LONGITUDE, ELEVATION, OBSERVATION TIME AND TABLES, OBSERVER.

1 DRAINAGE CODE; 1. ARKANSAS 2. MISSISSIPPI 3. OUCHITA 4. REO 5. SAINT FRANCIS 6. SALINE 7. WHITE

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA Stations. For those stations snow on ground values are at 0500 C.S.T.

In the Station Index the letters C, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes and are published later in "Hourly Precipitation Data" Bulletin.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

Other Reference Notes

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Daily Precipitation" Table, "Evaporation and Wind" Table, "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SF This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

USCOMM-WB-Asheville -- 6-2-58 -- 925



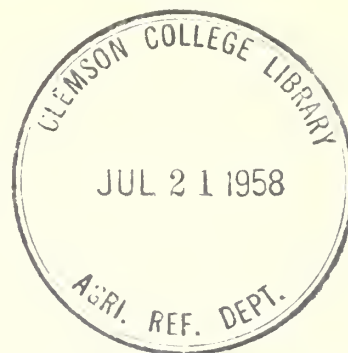


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U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief



CLIMATOLOGICAL DATA

ARKANSAS

MAY 1958

Volume LXIII No. 5



ARKANSAS - MAY 1958

WEATHER SUMMARY

Heavy rains that fell over southern Arkansas during the last week of April 1958 continued through the first week of May and extended into the northern half of the State. Additional heavy rains fell on the 8th and 9th.

The southern half of the State suffered particularly heavy damage from flash flood and local overflow, much of which was due to inadequate drainage. There was extensive damage to roads, city streets, and bridges. Fields were inundated over large areas. It is estimated that nearly 500,000 acres were under water, to some extent, during the period.

The rains resulted in a major flood on the Ouachita River, which reached a crest of 43.87 feet at Camden at 11:00 p.m. of the 5th. This was within 0.9 foot of the all time high stage of 44.8 feet on April 3, 1945.

Walter C. Hickmon
State Climatologist
U. S. Weather Bureau
Little Rock, Arkansas

Highest Temperature 96 on the 14 at Crossett 7 S.
Lowest Temperature 32 on the 7 at Lead Hill.
Greatest Total Precipitation 15.13 inches at Rison.
Least Total Precipitation 2.48 inches at Texarkana WB AP.
Greatest one-day precipitation 6.85 inches on the 1 at Cummins Farm.

SUPPLEMENTAL DATA

ARKANSAS
MAY 1958

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevaling	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	MIDNIGHT CST	6:00A CST	NOON CST	6:00P CST	Trace	01-09	10-49	50-99	100-199	200 and over			Total
ORT SMITH WB AIRPORT	ENE	26	7.9	28	N.	24	86	91	60	57	6	2	5	1	1	16	65	6.2	
LITTLE ROCK WB AIRPORT	ENE	10	8.3	23	SW	31	78	84	55	56	4	3	0	1	3	12	60	6.1	
EXARKANA WB AIRPORT	NE	13	7.7	-	-	-	-	91	-	-	1	3	4	2	0	10	-	-	

CLIMATOLOGICAL DATA

Station	Temperature													Precipitation										
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet		No. of Days				
										Max	Min	10 or Above	32 or Below					32 or Below	0 or Below	Total	Max Depth on Ground	Date	10 or More	100 or More
NORTHWEST DIVISION																								
BENTONVILLE	79.3	54.8	67.1		90	31	37	7+	54	1	0	0	0	3.40		1.29	3	.0	0	6	3	1		
EUREKA SPRINGS	77.9	54.7	66.3	- 0.2	87	31	36	6	61	0	0	0	0	4.99	- 1.32	2.17	3	.0	0	7	3	2		
FAYETTEVILLE	79.3	56.3	67.8		88	31	38	7	45	0	0	0	0	3.68		1.56	2	.0	0	6	3	1		
FAYETTEVILLE CAA AIRPORT	78.1	53.8	66.0		87	23	37	7+	56	0	0	0	0	4.37		1.68	2	.0	0	8	3	1		
FAYETTEVILLE EXP STA	78.0	56.2	67.1	1.1	88	31	39	7	49	0	0	0	0	3.97	- 1.82	1.63	2	.0	0	7	2	1		
GRAVETTE	78.8	54.3	66.6	0.8	87	31+	38	7+	53	0	0	0	0	5.69	.02	1.10	9	.0	0	11	5	2		
HARRISON	79.2	53.6	66.4	0.1	89	31+	36	7	66	0	0	0	0	5.68		1.61	2	.0	0	9	4	3		
LEAD HILL	78.5M	52.0M	65.3M	- 0.5					32	7	71	0	1	0	3.38	- 1.62	1.23	8	.0	0	5	3	1	
ROGERS	77.8	56.3	67.1	1.1	85	23+	40	7	48	0	0	0	0	5.18	- .80	1.48	2	.0	0	7	5	2		
SILOAM SPRINGS	79.0	55.3	67.2		88	24+	37	6	52	0	0	0	0	4.15		1.41	3	.0	0	8	2	1		
DIVISION			66.7	0.7											4.45	- 1.49	.0							
NORTH CENTRAL DIVISION																								
FLIPPIN CAA AIRPORT	79.5	53.0	66.3		90	31	37	7	72	1	0	0	0	5.42		1.67	8	.0	0	6	3	2		
GILBERT	80.8	52.8	66.8		91	24	36	7	50	3	0	0	0	4.73		1.70	9	.0	0	7	3	2		
MAMMOTH SPRING	79.7	52.9	66.3	- 0.3	89	31+	34	7	63	0	0	0	0	8.38		2.38	24	.0	0	6	3	3		
MARSHALL	78.6	54.5	66.6		89	31+	35	6	67	0	0	0	0	3.88		1.83	9	.0	0	6	3	1		
MOUNTAIN HOME 1 NNW	78.3	56.1	67.2	0.3	87	31	35	7	56	0	0	0	0	8.47	3.54	2.05	4	.0	0	8	5	4		
MOUNTAIN HOME C OF ENG AM	77.3	54.1	65.7		88	15	36	7	82	0	0	0	0	9.34		2.06	5	.0	0	12	5	5		
DIVISION			66.5	0.0											6.70	1.52	.0							
NORTHEAST DIVISION																								
BALD KNOB	79.9	56.8	68.4		92	31	42	7	47	2	0	0	0	9.24		2.46	2	.0	0	8	5	4		
BATESVILLE LIVESTOCK AM	79.0	54.0	66.5		90	25	35	6	67	1	0	0	0	6.59		2.13	9	.0	0	7	4	2		
BATESVILLE L AND O NO 1	81.1	54.7	67.9		90	31+	35	7	44	2	0	0	0	5.62	.69	2.25	9	.0	0	7	3	2		
BLTYNEVILLE	80.6	59.3	70.0	- 0.1	94	31	44	7+	46	4	0	0	0	6.45		1.20	2	.0	0	9	6	2		
CORNING	80.7	57.7	69.2	0.5	94	31	40	7	52	5	0	0	0	4.54	.39	1.60	3	.0	0	6	3	2		
JONESBORO	81.1	59.6	70.4	1.0	94	31	42	6	44	4	0	0	0	6.47	2.39	2.41	3	.0	0	7	4	3		
MARKEO TREE	81.2	58.8	70.0	0.8	93	31	44	8+	44	3	0	0	0	8.11	3.77	2.03	9	.0	0	10	4	3		
NEWPORT																								
PARAGOULD	80.5	56.5	68.5		93	31	40	6	47	2	0	0	0	5.48		1.32	5	.0	0	7	5	3		
POCAHONTAS 1	79.4M	56.3M	67.9M	- 0.4	92	27	40	6	69	4	0	0	0	5.46	.72	1.56	3	.0	0	6	4	2		
SEARCY	81.1	58.4	69.8	0.3	92	31	43	7+	38	3	0	0	0	8.18	3.07	2.45	2	.0	0	6	5	3		
WALNUT RIDGE CAA AIRPORT	79.1	58.8	69.0		91	31	42	6	55	1	0	0	0	4.99		2.42	2	.0	0	8	3	1		
WILSON	80.8	60.2M	70.5M		94	31			34	3	0	0	0	4.72		1.87	9	.0	0	5	3	2		
DIVISION			69.0	- 0.1											6.32	1.77	.0							
WEST CENTRAL DIVISION																								
BOONEVILLE	82.9	57.8	70.4	0.9	93	31+	41	6	22	4	0	0	0	9.32	3.97	2.02	3	.0	0	8	6	4		
CAMP CHAFFEE AM	80.5	56.7	68.6		91	25	41	6	45	2	0	0	0	6.43		2.00	9	.0	0	8	4	2		
CLARKSVILLE	81.6	57.5	69.6		92	31	41	7+	29	3	0	0	0	8.98		3.87	9	.0	0	9	3	2		
DARDANELLE																								
DEVILS KNOB	74.7	57.4	66.1		85	31+	39	6	82	0	0	0	0	5.78		1.84	3	.0	0	7	3	3		
FT SMITH WB AIRPDRT R//	82.1	59.3	70.7	1.1	94	31	42	6	27	4	0	0	0	5.61	.55	2.05	2	.0	0	8	3	2		
FT SMITH WATER PLANT	79.9	54.5	67.2		88	31+	38	7	35	0	0	0	0	6.76		2.56	9	.0	0	8	3	2		
MENA	82.5	58.6	70.6	1.8	93	23	46	7+	19	3	0	0	0	7.47	1.10	2.21	3	.0	0	9	5	4		
MOUNT MAGAZINE M																								
OZARK	81.6	58.7	70.2	1.2	91	31+	43	7+	26	4	0	0	0	6.74		2.30	9	.0	0	6	3	3		
PARIS	82.8	57.3	70.1		93	31	41	6	25	4	0	0	0	7.73		3.09	2	.0	0	5	3	2		
RUSSELLVILLE	82.2	58.7	70.5		93	31	42	6	26	5	0	0	0	7.75		3.82	9	.0	0	7	4	2		
SUBIACO	81.8	57.8	69.8	0.0	93	31	45	7	28	3	0	0	0	7.76	2.63	3.12	2	.0	0	8	4	2		
TURNPIKE	71.4M	55.9M	63.7M						101	0	0	0	0	8.24		2.30	2	.0	0	9	6	3		
WALDRON	82.8	57.1	70.0		93	24	41	6	22	5	0	0	0	7.57		2.80	2	.0	0	9	5	2		
WHITE ROCK	74.9M	58.0M	66.5M		85	21	43	6	73	0	0	0	0	5.99		2.95	9	.0	0	6	3	2		
DIVISION			68.9	0.4											7.33	1.59	.0							
CENTRAL DIVISION																								
ALUM FORK	80.9	58.0	69.5		94	31	43	7	29	2	0	0	0	8.38		2.00	9	.0	0	7	5	4		
BENTON	81.8	54.5	68.2		92	31	37	7	29	2	0	0	0	7.60		2.56	3	.0	0	8	4	3		
BLAKELY MOUNTAIN OAM AM	80.5	56.0	68.3		92	25	40	7	48	4	0	0	0	7.51		2.27	2	.0	0	8	4	4		
CONWAY	82.2	57.6	69.4	- 0.8	90	31	40	7+	36	1	0	0	0	8.07	2.34	2.65	9	.0	0	7	5	4		
HOT SPRINGS 1 NNE	82.8	60.5	71.7	0.6	92	24	44	6	19	4	0	0	0	8.64	2.61	2.25	3	.0	0	6	5	4		
LITTLE ROCK WB AIRPORT R//	81.0	61.9	71.5	1.7	92	24+	47	6	26	3	0	0	0	7.84	2.99	3.34	2	.0	0	5	5	4		
MALVERN	84.0	55.7	69.9		92	28+	39	7	25	9	0	0	0	11.04		5.52	2	.0	0	6	5	3		
MORRILTON	81.2	58.8	70.0	0.6	91	24+	43	7	32	3	0	0	0	7.46	2.35	1.73	3	.0	0	8	6	3		
NIMROD OAM AM	80.6M	55.8	68.2M		93	25	39	7	50	3	0	0	0	7.71		3.52	3	.0	0	7	5	3		
PERRYVILLE	81.5M	60.1M	70.8M	2.5					40	6	48	0	0	8.63	3.22	2.53	4	.0	0	6	5	4		
SHERIDAN TOWER	82.9	62.7M	72.8M		93	24	47	6	18	8	0	0	0	6.94		2.10	2	.0	0	6	5	3		
DIVISION			70.0	0.6											8.17	2.49	.0							

CLIMATOLOGICAL DATA

ARKANSAS
MAY 1958

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max		Min						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
										91° or Above	32° or Below	32° or Below	Below or Below										
EAST CENTRAL DIVISION																							
BRINKLEY	80.4	58.8	69.6	- 0.5	92	31	43	7+	40	4	0	0	0	4.48	- .20	1.37	2	.0	0		7	4	2
OES ARC	79.1	59.8	69.5		93	25	45	6	48	3	0	0	0	7.27		2.20	2	.0	0		9	4	4
HELENA	82.4	61.8	72.1	1.6	92	31+	46	7+	22	7	0	0	0	8.20	4.08	1.50	4	.0	0		9	8	4
KEO	82.1	59.0	70.6		93	31+	43	7	27	5	0	0	0	5.77		1.55	1	.0	0		7	3	2
MARIANNA 2 S	81.4	59.4M	70.4M	0.1	95	31	42	7	34	3	0	0	0	6.82	2.71	1.66	1	.0	0		9	5	3
SAINT CHARLES	80.9	60.6	70.8		91	25+	46	7	29	3	0	0	0	9.42		1.77	3	.0	0		9	7	5
STUTTART	83.0	61.4	72.2	1.6	94	31	45	6	20	7	0	0	0	7.77	2.92	2.60	3	.0	0				
STUTTART 9 ESE	79.0M	61.1M	70.1M		90	25	46	6	40	1	0	0	0	7.45		2.30	3	.0	0		7	5	3
WYNNE	80.1	59.2	69.7		91	31	42	7	43	2	0	0	0	8.70		4.02	9	.0	0		8	3	3
DIVISION			70.6	0.4										7.32	2.84			.0					
SOUTHWEST DIVISION																							
ASHOOWN	84.2	59.9	72.1		93	25+	46	6	12	7	0	0	0	5.28		2.45	3	.0	0		6	4	2
OE QUEEN	84.4	58.8	71.6		94	24	43	6	13	11	0	0	0	9.20		2.50	2	.0	0		5	4	4
OIERKS																							
HOPE 3 NE	81.1	59.1	70.1	- 0.4	91	25+	46	6+	33	2	0	0	0	7.27	2.07	2.34	1	.0	0		10	5	2
MOUNT 10A	82.0M	55.3M	68.7M	1.2	91	24	39	7	32	3	0	0	0	7.18	1.26	2.20	3	.0	0		9	5	3
NARROWS OAM	81.4M	55.6M	68.5M		93	24	41	6	44	4	0	0	0	14.57		5.00	2	.0	0		5	4	4
NASHVILLE PEACH SUBSTA	80.8	58.9	69.9		91	25	43	6	31	2	0	0	0	10.11		3.75	2	.0	0		5	5	4
OKAY	84.9	60.8	72.9	1.7	94	25	48	6	9	9	0	0	0	4.55	- .92	1.60	3	.0	0		6	4	2
TEXARKANA WB AIRPORT	R// 82.9	62.5	72.7	0.8	91	31+	48	6	13	5	0	0	0	2.48	- 2.65	.75	3	.0	0		6	2	0
DIVISION			70.8	1.0										7.58	1.66			.0					
SOUTH CENTRAL DIVISION																							
ARKAOLPHIA	82.5	59.2	70.9		91	31+	45	6	20	3	0	0	0	12.95	7.89	6.25	2	.0	0		7	3	3
CAMDEN 1	81.6	59.1	70.4	- 1.1	91	27+	48	1	28	6	0	0	0	7.09	2.60	2.00	19	.0	0		9	6	3
EL OORAOO CAA AIRPORT	82.4	61.1	71.8	- 0.3	91	26+	48	7+	14	5	0	0	0	4.49	- .29	1.48	19	.0	0		7	3	3
FOROYCE 6 W	82.8M	59.9M	71.4M				43	6	21	0	0	0	0	8.85		3.20	1	.0	0		7	5	3
MAGNOLIA 3 N	83.4	59.6	71.5	- 0.6	95	23	45	6	17	9	0	0	0	5.40	.58	1.94	19	.0	0		9	3	1
PRESCOTT	81.4	58.8	70.1	- 1.7	92	25	46	7+	38	6	0	0	0	5.24	.05	3.28	1	.0	0		7	1	1
WARREN	83.6	59.8	71.7	- 0.4	93	31+	44	7	17	8	0	0	0	10.68		3.90	19	.0	0		8	6	3
DIVISION			71.1	- 0.1										7.81	2.77			.0					
SOUTHEAST DIVISION																							
CROSSETT 7 S	83.2	59.6	71.4	0.4	96	14	43	7	13	6	0	0	0	8.93	4.70	2.19	10	.0	0		8	6	3
CUMMINS FARM	81.9	61.6	71.8		93	31	47	7	20	3	0	0	0	14.27		6.85	1	.0	0		8	4	4
OUMAS 1	82.4	62.5	72.5	0.7	95	31	46	7	19	6	0	0	0	12.24	7.92	4.70	1	.0	0		9	7	3
MONICELLO 3 S	81.9	60.4	71.2		91	31+	45	6	18	3	0	0	0	9.62				.0	0				
PINE BLUFF	83.0	62.0	72.5	0.8	94	24	46	7	21	6	0	0	0	14.52	9.57	4.23	1	.0	0		9	6	4
PINE BLUFF CAA AIRPORT	81.7	61.0	71.4		92	31+	46	7	23	3	0	0	0	10.27		5.15	1	.0	0		7	5	4
PORTLAND	80.3	61.8	71.1	- 0.4	89	28+	49	7	23	0	0	0	0	8.40	4.59	2.05	10	.0	0		9	7	4
DIVISION			71.7	0.4										11.18	6.64			.0					

DAILY TEMPERATURES

ARKANSAS
MAY 1958

Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ALUM FORK	MAX	61	71	70	74	74	71	75	74	70	71	80	83	84	88	88	85	84	83	80	81	85	86	89	90	86	86	84	89	86	85	94	80.9
	MIN	47	57	61	56	57	44	43	51	57	57	54	55	58	55	63	62	59	58	62	54	55	57	60	61	65	63	64	67	60	59	76	58.0
ARKAOLPHIA	MAX	60	77	75	76	74	72	74	83	78	73	87	85	88	90	88	86	86	81	79	85	86	87	89	91	86	87	84	85	88	86	91	82.5
	MIN	49	58	61	58	58	45	47	48	60	59	58	58	60	62	64	63	60	61	64	55	55	57	61	63	67	61	66	68	62	62	64	59.2
ASHOOWN	MAX	62	77	71	81	79	80	80	83	82	78	85	86	89	89	89	86	85	83	74	83	86	88	92	93	93	91	90	87	86	90	91	84.2
	MIN	50	61	62	57	59	46	47	55	65	62	57	57	59	62	65	61	58	62	64	54	53	54	60	62	66	65	65	70	65	65	69	59.9
BALO KN08	MAX	62	73	78	75	72	70	70	67	59	70	80	83	82	88	85	86	84	85	75	82	87	87	88	90	88	85	84	82	83	85	92	79.9
	MIN	50	60	61	58	53	43	42	51	52	52	52	53	55	56	64	60	59	56	61	55	55	55	58	66	70	64	63	62	54	55	56	36.8
BATESVILLE LIVESTOCK	MAX	64	62	67	75	80	68	71	73	60	62	66	82	87	86	88	81	87	86	73	81	83	88	87	89	90	88	88	85	85	82	86	79.0
	MIN	48	56	60	57	58	35	37	49	50	54	51	51	52	50	58	61	56	58	62	48	55	56	57	59	61	56	57	61	48	53	60	54.0
BATESVILLE L AND O NO 1	MAX	62	70	76	78	77	70	74	69	60	68	80	85	85	88	85	86	85	88	85	85	88	88	90	88	85	85	84	85	86	90	81.1	
	MIN	49	52	60	56	54	42	35	52	52	57	50	50	52	50	57	59	56	57	63	50	52	54	56	60	64	58	56	61	49	60	63	54.7
BENTON	MAX	62	75	79	75	70	72	73	80	78	75	80	84	85	89	87	85	85	83	78	81	86	88	89	90	88	87	83	85	86	85	92	81.8
	MIN	47	58	60	55	53	47	37	49	49	55	51	49	54	53	58	58	55	55	60	51	50	53	54	55	64	62	60	64	56	59	54.5	
BENTONVILLE	MAX	72	73	77	71	65	69	77	64	63	68	81	87	84	86	78	85	83	80	79	85	85	86	86	84	84	84	86	82	81	83	90	79.3
	MIN	51	57	61	53	49	37	37	55	51	51	44	47	58	55	61	60	53	58	56	47	54	55	58	64	59	51	61	61	63	63	68	34.8
BLAKELY MOUNTAIN OAM	MAX	55	66	73	69	77	63	74	75	80	69	75	83	85	85	90	89	85	85	83	72	83	87	88	91	92	89	89	83	90	85	87	80.5
	MIN	49	53	60	56	58	42	40	51	59	57	53	53	55	55	60	60	55	57	64	51	51	52	56	58	66	63	62	64	57	59	60	56.0
BLYTHEVILLE	MAX	66	73	84	75	72	63	66	63	61	72	74	83	82	87	89	89	88	88	77	83	88	91	87	91	86	86	91	83	83	94	80.6	
	MIN	53	62	64	63	50	44	44	52	51	57	56	58	59	55	65	65	65	63	64	58	62	65	65	64	71	60	61	67	53	62	61	59.3
BOONEVILLE	MAX	65	73	74	78	72	76	78	70	69	75	83	85	86	89	85	88	86	86	86	86	89	89	91	93	89	88	83	92	84	89	93	82.9
	MIN	48	57	61	59	57	41	42	59	55	58	50	52	57	58	64	60	57	57	58	57	52	55	56	63	62	66	65	66	63	67	68	37.8
BRINKLEY	MAX	64	74	82	73	70	67	69	70	65	71	78	83	84	90	88	87	86	81	70	83	87	86	90	91	87	85	83	87	82	85	92	80.4
	MIN	50	60	64	60	52	43	43	51	54	58	58	56	61	64	62	62	62	61	62	59	57	59	60	63	68	63	63	67	54	63	63	58.8
CAMOEN 1	MAX	57	70	83	71	78	68	73	74	85	76	78	81	85	88	90	87	88	86	78	66	82	86	88	90	91	90	91	90	87	86	88	81.6
	MIN	48	54	61	57	58	50	50	53	59	60	58	35	61	60	63	62	60	62	62	60	54	55	60	61	68	66	65	67	62	58	63	59.1
CAMP CHAFFEE	MAX	61	66	74	76	76	65	75	77	65	67	75	82	86	85	85	84	85	86	84	80	85	86	88	90	91	88	84	87	89	84	88	80.5
	MIN	49	52	63	51	56	41	43	54	55	59	48	49	57	59	63	61	58	52	56	50	54	56	58	66	60	63	65	67	63	66	65	56.7
CLARKSVILLE	MAX	63	71	76	74	72	75	74	71	66	74	82	87	85	89	86	86	87	79	85	87	88	90	91	88	86	83	89	84	83	92	81.6	
	MIN	48	59	64	56	55	41	41	55	57	58	48	51	57	54	65	63	57	58	64	49	54	57	57	63	64	66	66	64	58	66	67	57.5
CONWAY	MAX	64	72	77	75	74	73	72	70	62	73	82	85	86	89	88	85	85	85	83	83	87	86	89	89	88	86	85	88	81	84	90	81.2
	MIN	49	60	64	56	56	40	40	54	54	55	55	53	58	55	62	62	60	61	65	52	56	57	58	63	67	65	64	65	56	61	62	57.6
CORNING	MAX	62	70	78	79	63	67	72	65	63	63	80	85	82	89	86	90	87	89	86	87	89	90	80	91	86	86	90	84	85	84	94	80.7
	MIN	53	60	62	62	50	42	40	52	52	57	55	56	37	62	62	64	62	63	64	54	59	62	63	61	66	57	58	61	51	62	61	57.7
CROSSETT 7 S	MAX	69	83	80	76	70	72	75	82	81	79	80	84	89	96	87	88	87	83	71	75	85	88	90	90	88	80	88	85	89	90	83.2	
	MIN	53	66	67	60	60	51	43	50	64	72	56	53	60	62	59	58	60	61	64	63	52	56	58	64	65	67	63	69	61	58	62	59.6
CUMMINS FARM	MAX	64	78	81	72	70	67	70	81	76	74	77	83	86	90	86	88	87	84	72	81	86	88	89	92	89	88	89	88	85	86	93	81.9
	MIN	51	61	66	63	62	48	47	53	60	60	61	60	63	62	67	65	61	64	59	63	61	63	63	65	70	67	67	71	63	61	64	61.6
OAROANELLE	MAX	65	77	70	81	72	82	79	82	76	80	86	90	88	90	90	87	86	78	78	85	89	91	92	94	91	92	85	90	87	90	92	84.4
	MIN	48	60	62	60	55	43	46	57	62	60	52	52	58	63	66	61	59	61	63	52	52	54	57	61	64	63	64	69	66	65	68	38.8
OES ARC	MAX	57	65	74	80	76	64	70	70	69	60	72	79	83	83	89	88	89	86	67	83	88	90	90	93	86	81	85	85	83	80	79.1	
	MIN	49	53	53	60	62	45	47	54	54	55	58	58	62	60	62	64	64	64	63	59	61	63	66	71	66	67	69	60	61	60	59.8	
OEVILS KN08	MAX	58	64	70	66	67	67	69	65	56	65	76	80	80	82	78	81	78	78	70	80	81	80	85	84	80	80	80	80	74	78	85	74.7
	MIN	42	55	58	55	46	39	44	47	50	52	52	61	62	60	66	63	62	62	57	59	62	63	67	64	61	58	61	66	58	62	64	37.4
OIERKS	MAX	65	80	82	70	72	68	71	81	79	78	78	83	86	91	89	90	88	82	68	70	85	88	89	92	92	87	92	89	84	89	95	82.4
	MIN	53	63	68	61	58	48	46	53	63	62	62	65	64	63	67	65	63	65	61	62	60	68	63	66	69	67	67	71	69	59	66	62.3
EL OORAO CAA AIRPORT	MAX	67	82	74	80	67	73	78	84	77	76	80	84	88	91	85	88	86	77	66	80	85	88	91	90	87	91	90	85	87	89	89	82.4
	MIN	54	66	62	60	55	48	48	57	64	61	60	57	63	64	62	60	59	65	63	60	55	58	63	65	69	69	68	70	65	60	63	61.1
EUREKA SPRINGS	MAX	69	72	76	72	66	67	75	67	59	63	79	83	81	85	80	84	81	80	76	83	83	85										

DAILY TEMPERATURES

ARKANSAS
MAY 1956

Station	Day Of Month																															Average			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
HOT SPRINGS 1 NNE	MAX MIN	60 48	71 59	70 63	76 60	72 57	77 44	76 45	83 55	74 59	77 58	84 55	87 60	88 61	89 61	88 68	87 67	86 65	83 62	75 62	85 55	88 60	89 62	91 63	92 65	90 66	88 65	88 68	89 69	86 62	88 65	88 68	91 65	82.8 60.5	
JONESBORO	MAX MIN	65 51	74 61	83 63	76 61	71 52	67 42	70 44	65 53	61 51	70 57	77 55	83 58	80 63	89 57	88 64	89 66	88 63	89 64	79 65	85 56	92 64	90 65	85 66	92 65	86 69	85 64	89 61	84 66	85 54	94 64	85 65	94 65	81.1 59.6	
KEO	MAX MIN	68 50	75 60	77 64	75 58	70 55	70 44	80 43	68 53	68 56	73 57	79 57	83 57	85 60	89 60	89 68	87 61	85 61	88 61	74 68	82 58	87 60	92 64	93 64	90 65	89 66	87 65	89 66	88 68	84 68	88 65	88 63	93 63	82.1 59.0	
LEAO HILL	MAX MIN	66 49	70 59	73 62	68 49	62 50	68 33	74 52	64 51	87 52	81 44	87 46	85 46	87 46	80 46	81 52	81 58	85 57	82 63	86 58	88 65	88 55	82 64	85 66	84 65	80 69	88 61	85 58	84 62	80 58	80 62	83 62	82 65	78.5 52.0	
LITTLE ROCK WB AIRPORT	MAX MIN	63 51	74 61	75 63	74 61	65 55	72 47	71 50	75 55	63 58	74 59	81 59	84 60	85 64	89 64	89 67	86 64	84 64	86 64	68 62	83 62	86 60	92 60	92 63	87 68	87 68	87 69	88 69	84 61	86 64	86 67	91 67	81.0 61.9		
MAGNOLIA 3 N	MAX MIN	64 50	79 63	79 62	75 58	75 60	74 45	81 48	82 56	74 64	87 64	77 55	77 55	90 58	87 59	88 64	89 64	87 63	85 58	91 61	85 62	88 62	95 61	92 63	91 63	92 66	91 67	92 66	86 63	87 61	80 61	92 66	83.4 59.6		
MALVERN	MAX MIN	62 48	78 58	77 62	77 55	74 55	76 44	75 39	84 58	80 58	88 55	88 51	90 56	90 58	90 58	86 55	87 58	87 57	84 57	80 62	84 55	88 52	88 52	91 58	90 58	92 66	91 66	88 66	85 66	87 65	88 57	89 59	91 59	84.0 55.7	
HAMMOTH SPRING	MAX MIN	62 47	68 57	79 61	69 50	67 50	68 41	71 49	63 50	65 49	83 55	87 53	84 49	89 54	89 48	87 56	85 53	87 53	87 53	75 60	86 48	89 55	88 54	89 58	86 67	88 68	85 68	80 68	89 62	79 58	88 54	79 60	80 62	79.7 52.9	
MARIANNA 2 S	MAX MIN	66 50	77 60	81 66	73 60	72 53	66 44	70 42	72 51	70 56	72 59	77 58	82 58	83 62	90 60	89 65	87 64	84 65	89 66	68 62	82 62	87 60	89 60	91 67	89 68	86 68	87 68	86 68	89 69	84 66	89 69	95 67	81.4 59.4		
MARKEO TREE	MAX MIN	68 52	74 61	73 63	73 61	66 54	66 44	69 44	65 44	65 52	72 52	76 58	82 49	88 60	90 57	85 63	88 64	87 64	85 64	85 59	82 59	88 59	89 63	91 63	91 66	87 62	88 62	85 62	84 62	83 62	87 63	89 63	91 63	81.2 58.8	
MARSHALL	MAX MIN	60 47	74 58	75 64	70 54	70 35	75 50	65 41	80 51	81 59	80 59	79 55	82 58	86 65	89 61	88 65	87 62	85 60	88 58	75 63	85 58	88 53	89 53	89 53	88 62	89 65	85 65	83 62	85 62	82 65	80 53	89 57	89 61	78.6 54.5	
MENA	MAX MIN	66 47	72 59	69 62	78 58	67 54	76 46	78 46	78 55	82 59	76 46	85 59	89 58	88 57	88 65	88 65	84 60	86 60	80 60	77 63	87 54	89 56	93 58	92 64	89 66	91 66	88 68	88 68	87 64	88 66	85 66	88 69	88 63	82.5 58.6	
MONTICELLO 3 S	MAX MIN	66 52	72 65	79 65	72 60	69 59	69 45	81 48	81 51	80 59	79 61	82 55	86 65	89 61	87 68	88 65	86 62	85 62	88 63	78 63	88 60	89 61	88 61	87 60	89 63	89 63	88 61	87 60	89 61	85 60	88 61	91 62	81.9 60.4		
MORRILTON	MAX MIN	62 49	74 60	73 64	76 58	74 55	74 45	72 38	83 54	85 58	88 55	88 58	88 64	86 60	85 60	88 66	84 60	85 60	88 61	83 57	83 57	89 58	91 64	91 64	91 66	88 66	88 66	88 66	89 66	88 66	85 66	85 66	89 66	91 66	81.2 58.8
MOUNT IOA	MAX MIN	65 48	70 62	79 62	68 50	72 40	76 40	82 59	77 51	82 59	86 58	88 50	89 50	88 52	89 54	84 60	83 60	85 64	88 65	75 54	86 48	86 50	91 58	91 63	88 61	88 61	88 61	88 61	87 61	88 61	88 61	87 61	89 61	82.0 55.3	
MOUNT MAGAZINE	MAX MIN	74 35														77 59	78 60	77 59	79 61	78 61	79 61	78 62	79 62	82 64	84 62	83 63	80 62	79 62	80 62	78 62	79 62	81 62	79 62		
MOUNTAIN HOME 1 NNW	MAX MIN	60 48	70 57	72 62	70 54	68 53	68 41	72 35	81 50	85 50	83 56	84 51	84 53	82 60	88 55	86 63	84 62	88 58	77 62	84 50	85 52	88 60	89 64	84 64	88 66	85 66	85 66	84 63	81 63	85 60	88 64	83 60	88 64	78.3 56.1	
MOUNTAIN HOME C OF ENG	MAX MIN	65 47	60 51	71 60	72 55	59 38	68 45	74 36	55 50	65 49	67 51	83 58	85 57	88 60	88 57	83 60	85 55	83 55	88 60	77 58	85 58	87 54	88 61	88 61	85 62	87 62	86 62	88 62	84 62	83 62	79 62	81 62	80 62	77.3 54.1	
NARROWS DAM	MAX MIN	56 48	65 52	73 56	69 55	80 41	65 42	78 52	75 58	82 58	78 42	84 50	85 55	88 55	85 67	85 53	88 55	85 53	88 53	79 62	71 52	83 55	87 58	93 63	92 63	91 63	87 65	88 63	89 63	87 63	88 63	87 63	89 63	89 63	81.4 55.6
NASHVILLE PEACH SUBSTA	MAX MIN	55 47	68 53	78 61	69 58	80 43	68 51	74 55	80 57	87 57	83 58	88 55	87 61	88 64	88 64	88 64	85 64	84 64	88 64	72 62	83 55	85 55	87 62	89 62	81 62	89 62	87 62	89 62	84 62	87 62	89 62	88 62	88 62	80.8 58.9	
NEWPORT	MAX MIN																																		
NIMROO OAM	MAX MIN	57 48	64 50	75 62	73 55	79 55	62 40	74 39	78 55	84 51	82 51	85 51	86 52	89 60	87 57	88 57	87 57	88 57	84 61	84 55	83 55	88 64	87 64	83 64	88 65	92 65	88 65	89 65	88 65	89 65	89 65	84 65	90 65	80.6 55.8	
OKAY	MAX MIN	63 50	80 62	72 61	81 58	80 48	79 48	80 49	84 56	81 56	88 63	89 60	90 63	90 63	88 64	86 61	84 61	84 61	88 61	75 64	84 55	88 61	92 64	93 64	89 64	92 65	91 65	87 65	88 65	90 65	91 65	84.9 60.8			
OZARK	MAX MIN	65 49	70 55	74 66	76 58	72 43	76 43	82 55	84 59	71 67	82 59	84 59	89 60	86 60	83 60	85 60	88 59	84 59	85 60	86 58	88 60	87 60	91 60	91 60	89 60	87 60	85 60	87 60	89 60	88 60	86 60	91 60	81.6 58.7		
PARAGOULD	MAX MIN	64 51	72 60	81 62	75 51	72 40	66 40	69 50	69 50	61 40	71 50	77 55	84 55	83 53	88 60	87 58	86 58	87 58	87 58	75 58	85 58	87 61	89 61	91 61	91 61	88 61	84 61	87 61	87 61	84 61	84 61	93 61	80.5 56.9		
PARIS	MAX MIN	66 48	75 60	76 62	80 59	77 48	76 42	73 55	83 57	87 57	81 52	86 54	85 56	88 62	87 58	87 58	88 62	88 62	88 62	80 62	86 55	88 55	91 62	92 62	88 63	88 63	88 63	88 63	88 63	85 63	86 63	88 63	93 63	82.8 57.3	
PERRYVILLE	MAX MIN	61 51	78 58	81 60	73 52	69 40	76 40	75 41	84 53	86 61	87 54	89 61	89 66	89 68	89 68	87 62	87 62	89 62	91 62	86 62	85 62	87 62	89 62	91 62	88 62	88 62	88 62	88 62	88 62	88 62	88 62	88 62	89 62	81.5 60.1	
PINE BLUFF	MAX MIN	63 51	77 62	79 65	74 61	68 47	71 47	73 46	84 55	85 58	88 58	88 58	92 66	92 66	89 66	89 66	89 66	89 66	89 66	69 63	82 58	88 62	88 62	92 62	94 62	91 62	88 62	89 62	88 62	88 62	88 62	88 62	93 62	83.0 62.0	
PINE BLUFF CAA AIRPORT	MAX MIN	63 52	79 60	79 65	71 61	68 47	71 47	82 46	72 58	76 46	79 58	84 62	87 62	88 66	89 65	87 66	86 66	88 66	88 66	68 64	81 62	88 62	89 62	89 62	88 62	88 62	88 62	88 62	88 62	88 62	88 62	88 62	88 62	81.7 61.0	
POCAHONTAS 1	MAX MIN	61 53	69 59	80 65	79 56	65 40	71 42	66 42	84 52	87 52	86 52	88 52	88 52	88 52	88 52	88 52	88 52	88 52	88 52	88 52	88 52	88 52	88 52	88 52	88 52	88 52	88 52	88 52	88 52	88 52	88 52	88 52	88 52	79.4 56.3	
PORTLAND	MAX MIN	62 52	68 61	83 68	82 61	68 52	69 49	72 50	78 55	81 55	82 60	87 60	89 60	88 60	87 60	88 60	85 60	86 60	86 60	82 60	87 60	89 60	91 60	91 60	87 60	85 60	88 60	88 60	88 60	88 60	88 60	88 60	88 60	80.3 61.8	
PRESCOTT	MAX MIN	52 48	68 52	68 58	68 58	66 46	77 46	83 50	72 46	78 56</																									

DAILY TEMPERATURES

ARKANSAS
MAY 1958

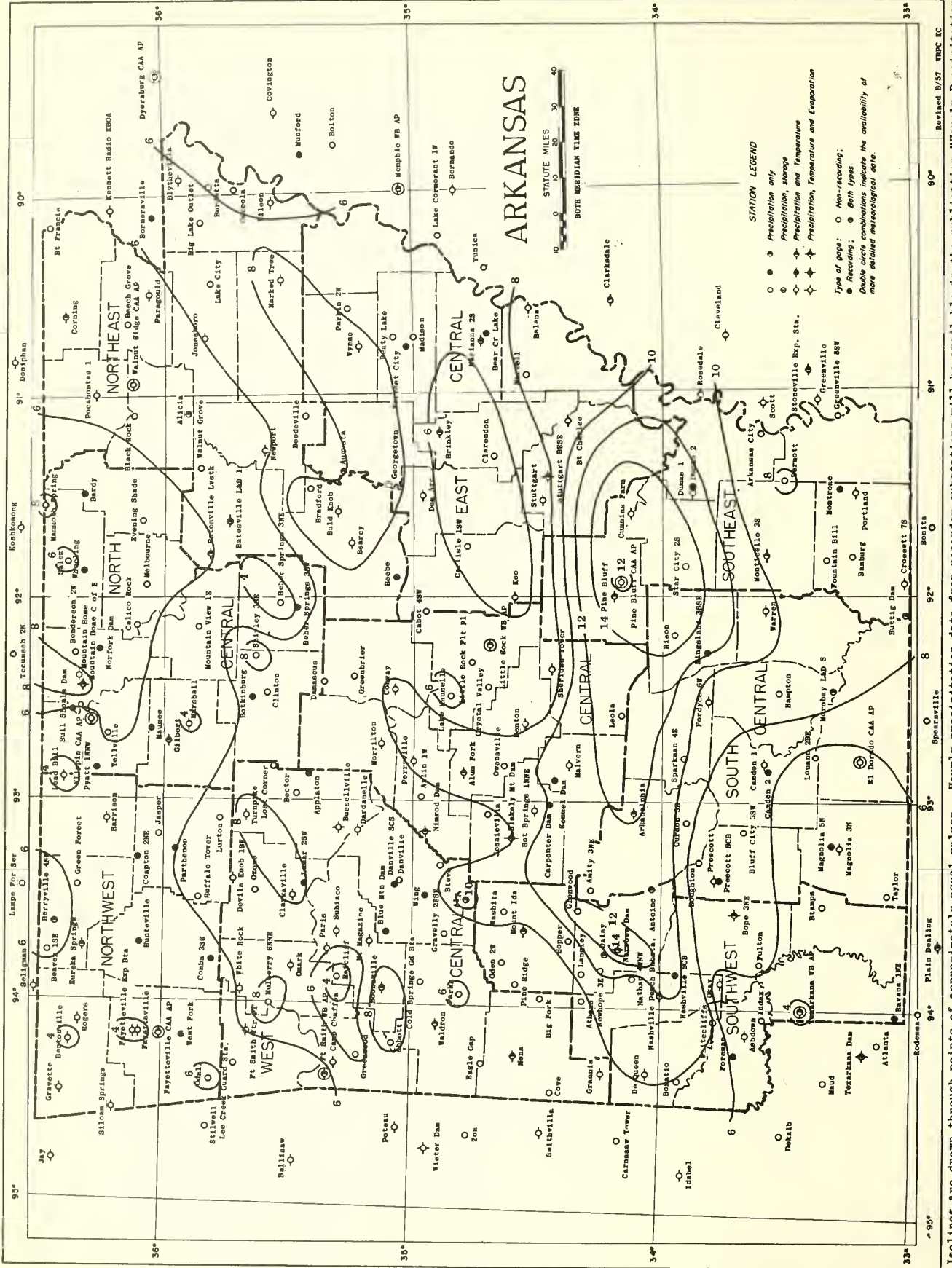
Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
STUTT GART 9 ESE	MAX	57	66	75	80	72	66	68	68	77	71	71	77	82	84	88	86	86	85	82	67	80	85	89	90	88	88	85	87	83	86	79.0	
	MIN	50	56	66	60	63	46	48	52	55	59	61	60	64	62	66	65	64	65	63	62	60	63	66	70	67	67	67	67	65	66	61.1	
SUBIACO	MAX	66	74	75	79	69	75	75	67	65	74	82	87	86	88	84	88	86	86	78	86	87	88	90	92	89	87	85	87	84	84	93	81.8
	MIN	47	57	61	58	57	46	45	54	55	56	52	54	57	56	65	62	58	58	62	52	56	59	58	63	63	64	63	65	59	64	66	57.8
TEXARKANA WB AIRPORT	MAX	65	80	74	81	68	76	77	84	77	76	82	86	87	88	88	86	86	77	72	83	86	87	89	91	88	90	91	85	88	90	91	82.9
	MIN	52	65	62	59	54	48	52	60	63	62	59	59	62	65	70	65	63	65	62	58	57	59	65	68	68	69	72	68	69	68	71	62.5
TURNPIKE	MAX	67	75	66	62	65	70	65	57		69	74	74	74	73	73	74	72	74	74		76	78	81	73	75		72	73			71.4	
	MIN	42		56	49	40	45	41	53	54	54	52	63	63	67	61	62	62	64	51	57	64	62		59	61	52		55	65	64	55.9	
WALDRON	MAX	64	73	73	77	71	74	78	78	71	75	81	86	87	89	84	87	86	85	80	84	89	89	91	93	91	89	87	90	87	87	91	82.8
	MIN	49	59	63	56	54	41	42	55	58	58	50	51	55	58	62	60	56	57	62	50	52	54	56	60	63	65	64	67	62	65	67	57.1
WALNUT RIDGE CAA AIRPORT	MAX	63	71	79	76	65	68	69	57	61	65	80	85	82	87	83	87	86	87	74	84	88	86	85	89	86	83	87	83	83	81	91	79.1
	MIN	53	62	63	63	48	42	44	52	53	57	54	58	61	56	65	65	65	64	60	56	61	63	63	64	66	60	61	62	53	65	63	58.8
WARREN	MAX	66	81	81	73	70	72	76	83	82	77	81	85	88	91	87	88	88	83	68	83	86	90	91	93	91	91	91	89	85	89	93	83.6
	MIN	51	63	65	57	59	45	44	53	58	61	59	56	62	61	63	61	62	63	61	62	55	67	60	64	70	65	68	71	61	58	60	59.8
WHITE ROCK	MAX	59	64	69	69	64	68	69	64	59	67	77	82	79	81	77	80		74	79	85	81	84	82	81	78	79	81	77	78	84	74.9	
	MIN	44	55	59	56	46	43	46	50	54	53	55	62	63	61	66	63		58	60	61	63	62	65	63	60	61	68	59	62	65	58.0	
WILSON	MAX	66	75	84	78	73	64	67	63	64	72	75	83	83	89	90	90	88	88	85	83	86	88	87	89	86	86	87	83	82	81	94	80.8
	MIN	53	57	63	64	52		41	51	51	57	59	60	60	55	64	63	62	65	63	62	61	65	65	65	68	62	68	66	54	65	61	60.2
WYNNE	MAX	65	74	83	74	69	67	67	67	62	70	75	84	82	88	87	86	89	87	73	82	86	87	89	90	89	84	86	85	81	85	91	80.1
	MIN	51	62	64	62	54	43	42	50	53	59	58	56	64	60	62	64	64	63	64	59	58	63	61	66	69	62	62	64	52	60	65	59.2

EVAPORATION AND WIND

Station	Day of month																															Total or Avg.		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
BLAKELY MOUNTAIN DAM	EVAP	.01	-	-	.02	.08	.08	.19	.19	.14	.03	.14	.17	.25	.22	.16	.17	.16	.19	.18	.02	.23	.22	.24	.24	.22	.16	.25	.05	.14	.22	.10	4.788	
	WIND	.19	.10	.11	.14	.39	.58	.18	.15	.30	.12	.21	.38	.24	.18	.12	.12	.14	.20	.19	.19	.18	.18	.18	.10	.25	.27	.14	.15	.17	.18	.15	618	
HOPE 3 NE	EVAP	-	-	-	.12	.16	.08	.04	.10	.20	-	.10	.22	.23	.20	.18	.18	.21	.20	.24	.24	.34	.13	.31	.24	.24	-	.31	.24	-	.18	.26	.16	5.838
	WIND	.34	.27	.66	.31	.36	.61	.41	.15	.50	.20	.20	.30	.18	.8	.9	.13	.10	.15	.24	.51	.17	.7	.13	.7	.20	.22	.12	.22	.20	.13	.23	755	
MOUNTAIN HOME C OF ENG	EVAP	.15	.06	.14	.10	.29	.07	.22	.22	.07	.07	.03	.19	.23	.26	.20	.13	.15	.22	.20	.19	.26	.26	.30	.34	.17	.24	.14	.39	.15	.24	.27	5.95	
	WIND	.20	.14	.12	.44	.13	.39	.37	.10	.24	.16	.6	.14	.14	.20	.10	.10	.15	.22	.18	.24	.9	.15	.34	.15	.24	.25	.10	.16	.20	.16	.29	595	
NARROWS DAM	EVAP	-	-	-	.22	.15	.18	.10	.27	.00	.27	.21	.25	.20	.14	.24	.19	.24	.12	.10	.19	.24	.29	.20	.23	.27	.21	.04	.14	.24	.16	.24	5.848	
	WIND	.35	.22	.44	.27	.35	.43	.31	.24	.27	.16	.15	.31	.37	.28	.13	.13	.25	.28	.29	.30	.21	.26	.18	.29	.26	.14	.15	.13	.22	.23	773		
NIMROD DAM	EVAP	-	.00	-	.07	.07	.20	.20	-	.05	.03	.21	.23	.22	.17	.16	.25	.25	.18	.02	.24	.21	.27	.26	.25	.23	.25	.00	.16	.23	.15	.24	5.248	
	WIND	.26	.19	.17	.15	.27	.19	.18	.20	.41	.32	.1	.3	.20	.7	.9	.4	.9	.12	.14	.12	.12	.6	.6	.3	.10	.10	.10	.4	.6	.14	.6	412	
RUSSELLVILLE	EVAP	.03	-	-	-	.15	.23	.12	-	-	.12	.28	.26	.26	.18	.22	.29	.25	.22	.24	.29	.31	.25	.34	.25	.30	.19	.25	.33	.22	.26	7.248		
	WIND	.11	*	*	*	.79	.16	.11	.15	*	.51	.11	.14	.23	.10	.04	.09	.15	.12	.34	.10	.07	.10	.07	.11	.16	.19	.05	.12	.25	.23	.23	4.83	
STUTT GART 9 ESE	EVAP	.01	.01	.13	.17	.06	.04	.17	.17	.13	.02	.04	.19	.18	.22	.18	.14	.19	.22	.13	.00	.17	*	.43	.22	.23	.20	.20	.12	.21	.18	.25	4.61	
	WIND	.28	.9	*	.141	.42	.58	.21	.21	.45	.27	.36	*	.33	.15	.2	.11	.9	.14	.23	.18	.9	*	.30	.7	.11	.18	.8	.35	.17	.11	.39	738	

TOTAL PRECIPITATION

MAY 1958



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

Revised 9/57 RMC KC

90°

91°

92°

93°

94°

95°

33°

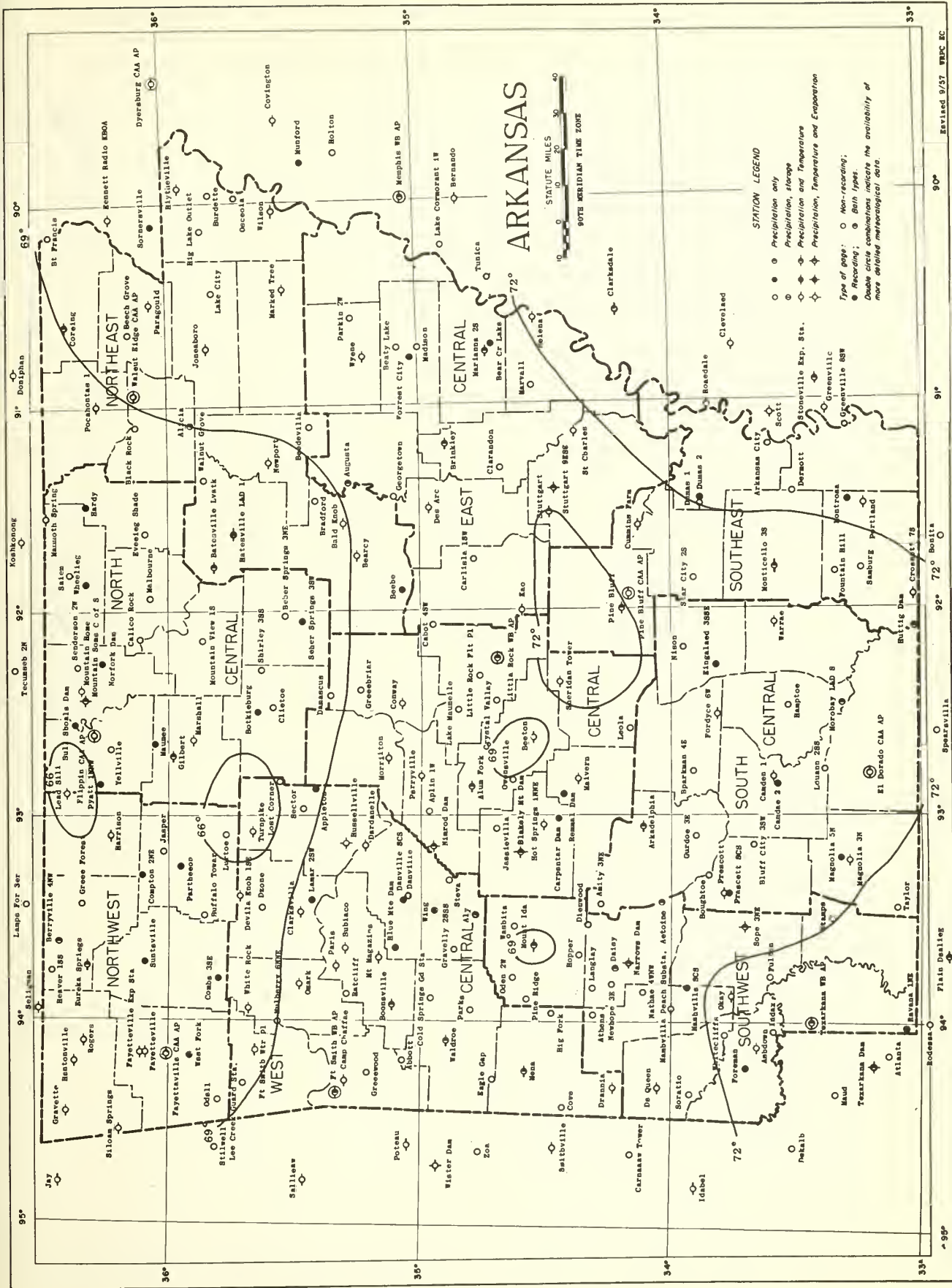
34°

35°

36°

AVERAGE TEMPERATURE

MAY 1958



Isolines are drawn through points of approximately equal values.

STATION INDEX

 ARKANSAS
MAY 1958

STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES			OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES			OBSERVER
							TEMP.	PRECIP.	WIND									TEMP.	PRECIP.	WIND	
ABBOTT	0004	SCOTT	35 04	94 12	624	7A			JAMES V. WILLIAMS	MAGNOLIA 3 M	4548	COLUMBIA	4 33 19	93 14	315	6P	7A			E. EARL E. GRAHAM	
ABELLA	0130	LAWRENCE	35 54	91 05	256	7A			RUBY B. OWENS	4550 COLUMBIA	4 33 20	93 13	360	7A					ARK. POWER AND LIGHT CO		
ALUM FORK	0110	SALINE	34 48	92 52	754	5P	5P		LITTLE ROCK WATERWORKS	4562 HOT SPRING	3 34 23	92 49	311	5P					JOHN H. HEECE		
AMITY 3 HE	0154	YELL	34 37	93 25	827	1A			REBA A. SIMMONS	4572 FULTON	3 35 47	92 52	450	5P					H. UNIVERSITY OF ARKANSAS		
ANTOINE	0178	PIKE	3 34 02	93 25	285	8A			ALTA F. LAMBER	4638 LEE	3 34 44	90 26	234	6P					H. UNIVERSITY OF ARKANSAS		
APLIM 1 W	0188	PERRY	3 34 58	93 00	400	7A			MARKEO TREE	4654 POIMSETT	5 35 32	90 25	229	6P					H. JOHN F. SHEARON		
AUGUSTA	0196	POPE	3 34 52	92 52	214	7A			MARSHALL	4666 SEARCY	3 35 54	92 38	1050	5S	8A				H. MINNIE HORTON		
ARKADELPHIA	0220	CLARK	3 34 37	93 03	200	6P	7A		JOHN R. PHILLIPS	4678 PHILLIPS	3 35 57	90 51	373	5P					STERLING WALLACE		
ARKANSAS CITY	0234	DESHA	3 33 37	91 12	145	8A			TILLMAN E. LAWRENCE	4666 SEARCY	3 36 03	92 39	749	7A					HELEN E. ADAMS		
ASHMOON	0286	LITTLE RIVER	4 33 40	94 08	329	7P	7P		JOHN W. TRAMMELL	4746 IZARD	3 36 04	91 94	610	7A					IVAN L. SHRODER		
ATHENS	0300	HOWARD	4 34 19	93 58	960	7A			SV GAS AND ELECTRIC CO	4756 ROLK	3 34 35	94 15	1207	6P	7A				C. M. RICHARD W. ST. JOHN		
AUGUSTA	0324	WOODRUFF	3 35 17	94 13	1295	7A			ARRA D. PARKER	4900 DREW	3 35 35	91 48	285	5P	7A				C. H. RADIO STATION 158M		
BALD MOB	0350	WHITE	3 35 18	91 34	230	6P	7A		HOMEWAY S. SIMMONS	4906 ASHLEY	3 36 19	91 29	125	5P					ARK. POWER AND LIGHT CO		
BATESVILLE LIVESTOCK	0450	INDEPENDENCE	3 35 49	91 47	571	9A			UNIVERSITY OF ARKANSAS	4934 CALHOUN	3 33 19	92 87	85	7A					U. S. CORPS OF ENGINEERS		
BATESVILLE LAMP D I	0460	INDEPENDENCE	3 35 49	91 47	571	7P	7A		UNIVERSITY OF ARKANSAS	4938 CONWAY	1 39 07	92 45	280	5P	7A				C. EMMA S. LEAVELL		
BEAR CREEK LAKE	0476	LEE	3 34 43	90 42	220	7A			JAMES J. HITCHUM	4988 HONTGOMERY	3 34 33	93 38	663	5P	7A				C. H. WILLIAM E. BLACK		
BEAVER 1 SE	0512	ST FRANCIS	3 35 05	90 43	400	5P			U. S. FOREST SERVICE	5030 LOGAN	3 39 10	93 41	200	6P	6P				ARKANSAS FORESTRY COMM		
BECHER	0518	CARROLL	3 36 28	93 46	930	7A			L. G. ADAMS	5036 BAXTER	3 36 20	92 23	800	6P	6P				C. H. RADIO STATION KTLQ		
BECHER	0520	WHITE	3 35 34	91 53	250	7A			HARVEY E. SKELTON	5038 BAXTER	3 36 20	92 23	800	6A	6P				C. U. S. CORPS OF ENGINEERS		
BEECH GROVE	0534	GREEN	3 36 09	90 58	294	8A			MARVIN MORRISON	5046 STORE	3 35 57	92 08	748	7A					WELL A. TAPLEY		
BEEDEVILLE	0534	JACKSON	3 35 28	91 08	421	8A			B. H. HAMMOND	5072 FRANKLIN	1 35 34	94 01	500	7A					C. HENRY G. ARVIN		
BENTON	0582	SALINE	3 34 33	92 37	285	5P	6A		P. H. BRECKENRIDGE	5110 PIKE	3 34 09	93 43	425	8A	8A				U. S. CORPS OF ENGINEERS		
BENTONVILLE	0588	BELMONT	3 36 22	93 37	1150	7A			ETTA C. STURMS	5112 HOWARD	4 34 00	92 56	550	7A	7A				C. UNIVERSITY OF ARKANSAS		
BERRYVILLE 4 NW	0618	CARROLL	3 36 26	93 37	1150	7A			J. R. JONES	5114 HOWARD	3 35 57	90 51	373	5P					U. S. SOIL CONS SERVICE		
BIG FORK	0644	POLK	3 34 29	93 58	1100	7A			DAVID L. BURDHAM	5120 HOWARD	3 34 07	93 52	550	7A					EDNA J. WESTFALL		
BIG LAKE OUTLET	0676	MISSISSIPPI	3 35 51	90 08	228	7A			ANNA M. LILLES	5174 PIKE	3 34 14	93 50	850	7A					ELSIE F. WARD		
BLACK ROCK	0746	LAWRENCE	3 36 07	91 06	259	7A			M. W. GOUGLAS	5186 JACKSON	3 35 36	91 17	225	5A	7A				H. LUTHER D. SUMMERS JR		
BLACK MOUNTAIN DAM	0798	YELL	1 35 06	93 39	455	8A	8A		LEE W. KEMMEY	5200 PERRY	1 34 57	93 10	480	8A	8A				C. U. S. CORPS OF ENGINEERS		
BLUFF CITY 3 SW	0800	NEVADA	3 33 41	93 09	360	7A			U. S. CORPS OF ENGINEERS	5228 BAXTER	1 35 48	94 24	1500	7A					MRS. REMZO HURST		
BLYTHEVILLE	0804	MISSISSIPPI	3 35 56	89 55	252	6P	7A		JOHN L. MOORE	5248 PIKE	3 34 38	93 40	800	7A					LORETTA W. JACOBSON		
BOOKVILLE	0830	LOGAN	3 35 05	91 01	315	7P	7A		W. H. HANDELL	5376 HOWARD	4 33 46	93 93	300	5P	5P				J. T. HARGIS		
BOYD	0842	WAB BUREM	3 35 39	92 30	1100	7A			C. THOMAS H. PEARSON	5480 MISSISSIPPI	3 33 19	92 59	500	8A					FRANK TAYLOR		
BOUGHTON	0848	NEVADA	3 33 52	93 20	235	7A			IRIS ELMORE WICKER	5498 SALINE	3 34 37	92 49	500	8A					GYU COOK		
BRADFORD	0872	WHITE	3 35 25	91 28	240	7A			MARSHALL HICKHOE	5508 FRANKLIN	1 35 29	93 50	396	6P	8A				H. BURNS WAKEFIELD		
BRIMLEY	0916	HOWARD	3 34 53	91 12	205	5P	5P		RICHARD K. WEIS	5514 JOHNSON	1 35 38	90 27	1900	7A					MAURICE R. BRANDT		
BUFFALO TOWER	0918	NEWTON	3 35 10	93 00	350	7A			C. R. L. FOWLER	5562 GREEN	3 35 04	90 29	275	4P	6P				RADIO STATION KORS		
BULL SHOALS DAM	1020	BAXTER	3 36 22	92 34	400	6P			U. S. CORPS OF ENGINEERS	5574 LOGAN	3 35 16	90 55	222	7A					ROBIN C. GARDNER		
BUROETTE	1052	MISSISSIPPI	2 35 49	89 57	240	6P			G. A. HALE	5582 CROSS	3 35 16	90 55	222	7A					CORNER K. HANSARD		
CABOT 4 SW	1102	PULASKI	3 34 57	92 04	289	5P			B. W. WALTER	5591 SCOTT	1 34 48	93 57	668	7A					C. ARTHUR B. CARLTON		
CALICO ROCK	1152	IZARD	3 35 08	92 49	116	7A			ED. D. HARRIS	5602 NEWTON	1 35 57	93 15	925	5P					FRANCIS FRANKMEIER		
CAMDEN 1	1152	QUACHITA	3 33 32	92 49	116	7A			H. LEONARD B. DILLWORTH	5624 JEFFERSON	1 34 12	92 00	215	7P	7A				MRS. EMMA GRESHAM		
CAMDEN 2	1154	QUACHITA	3 33 35	92 51	155	6A			EDITH Z. LEHMAN	5756 JEFFERSON	1 34 10	91 56	205	MID	MID				J. U. S. CIVIL AERO ADM		
CAMP CHAFFEE	1172	SEBASTIAN	3 35 18	94 18	419	8A	8A		CECIL E. STAMPS	5760 HONTGOMERY	3 34 35	93 54	840	7A					H. J. HUDDLESTON		
CARLISLE 1 SW	1224	LONOKE	3 34 47	91 45	235	8A			JOHN L. TAIT	5820 RANDOLPH	3 36 16	90 59	330	5P	7A				BENEDICTINE SISTERS		
CAREWATER DAM	1233	OWASO	3 34 01	91 18	218	7A			ARK. POWER AND LIGHT CO	5866 ASHLEY	1 33 14	91 30	122	7A					PEARL NEWTON		
CAREWATER	1442	MOORE	3 34 41	91 18	172	7A			B. F. NORTON	5908 NEVADA	4 33 43	93 23	318	7A					H. R. P. HANBY		
CLARKSVILLE	1455	JOHNSON	1 35 28	93 28	433	6P	6P		EARL TRVING T. BEACH	5910 NEVADA	3 33 48	93 23	318	7A					C. U. S. SOIL CONS SERVICE		
CLINTON	1458	WAB BUREM	3 35 32	92 28	310	6P			H. R. HICKEY	5910 NEVADA	3 35 38	93 51	900	7A					DNA V. MCLEAN		
COLD SPRINGS GUARD STAT	1500	SCOTT	3 34 58	93 54	1250	7A			MARGARET JONES	6008 LOGAN	1 35 18	93 53	463	7A					C. LULA H. WEERS		
COLD SPRINGS 3 SE	1574	MADISON	3 35 48	93 48	1400	7A			H. HAUCO C. BRASHARS	6016 HILLER	4 33 04	94 02	250	5P					C. BONNY L. ALLEN		
COMPTON 2 S	1662	HEWTON	3 36 06	93 18	2166	7A			WILLIAM L. BIHAM	6102 HOT SPRING	3 34 26	92 54	315	5P					ARK. POWER AND LIGHT CO		
CONWAY	1552	FRANKLIN	3 35 18	92 41	510	5P	5P		CLARENCE S. WILLIAMS	6174 CLEVELAND	3 33 57	92 11	231	8A					J. W. HANEY		
CONWAY	1632	CLAY	1 36 24	90 55	293	6P	7A		C. LAURA POLK	6248 BENTON	3 36 20	94 07	1387	5S	5S				H. HOWARD FOWLER		
COPE	1644	POLK	4 34 26	94 25	1050	6P			JOE C. ALLEN	RUSSELLVILLE	1 35 18	93 08	360	5P	5P				H. W. SPAULDING		
CROSSETT 7 S	1730	ASHLEY	3 33 02	91 56	175	5P			U. S. FOREST SERVICE	SAINT CHARLES	7 34 23	91 08	200	8A					U. S. FISH AND WILDLIFE		
CRYSTAL WALLEY	1750	PULASKI	3 34 42	92 26	350	7A			BILLIE JO YOUNG	SAINT FRANCIS	6 376 CLAY	5 36 27	90 08	300	7A				WILLIAM S. BUCKLEY		
CUMMINGS FARM	1748	FRANKLIN	3 34 59	91 35	510	6P			CUMMINGS PRISON FARM	SALEM	1 36 23	91 50	648	7A					J. W. CALDWELL		
DAISY	1814	PIKE	3 34 14	93 44	629	7A			F. ERNA JONES TEOGEO	6506 WHITE	7 35 15	91 44	245	5P	7A				H. ADAM C. MCELTOH		
DAMASCUS	1829	FAULKNER	1 35 22	92 25	705	7A			WILLIAM A. BROW	6566 GRAHT	3 34 27	92 21	290	6P	6P				ARKANSAS FORESTRY COMM		
DANVILLE	1834	YELL	1 35 03	93 24	370	7A			J. A. MOUDY	6786 VAH BUREM	3 35 38	92 17	910	7A					HAUD H. BRADFORO		
DARVILLE SCS	1835	YELL	1 35 10	93 26	400	7A			JR. JOHN G. CONS SERVICE	6824 BENTON	1 36 11	94 33	1150	7A					JOHN BROWN UNIVERSITY		
DARBANE	1838	YELL	1 35 13	93 09	330	6P	7A		GRETCHEN GOODER	6768 DALLAS	3 33 55	92 48	260	7A					HARGARET F. GORON		
DE OUFEE	1948	SEVIER	4 34 02	94 21	420	5P	7A		H. O. TUCKER VASSER	6804 LAPAYETTE	4 33 22	93 30	270	7A					HUBERT BAKER		
DERHOTT	1960	CHICOT	2 33 31	91 26	140	8A															

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA Stations. For those stations snow on ground values are at 0600 C.S.T.

In the Station Index the letters C, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes and are published later in "Hourly Precipitation Data" Bulletin.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

Other Reference Notes

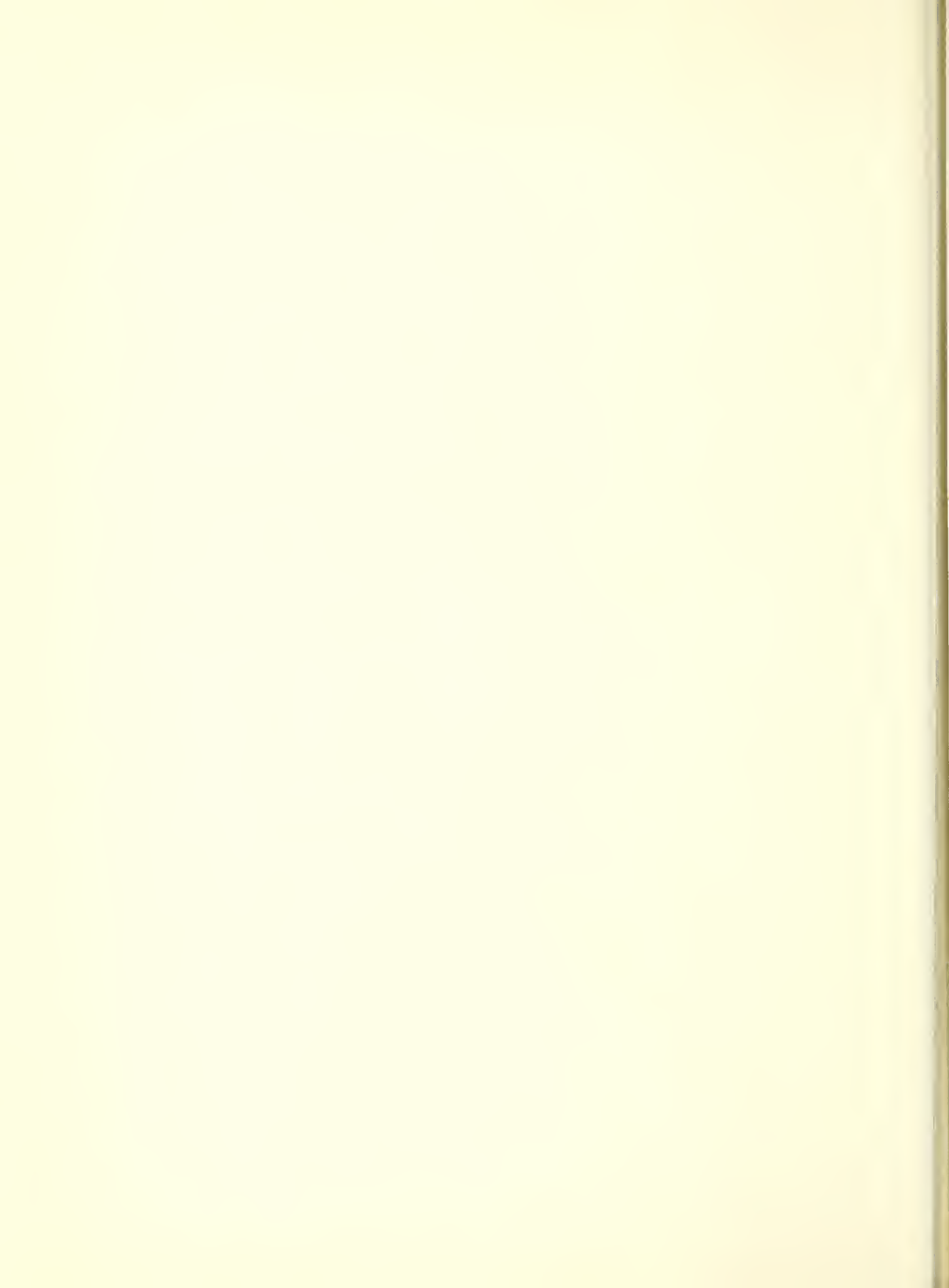
- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Daily Precipitation" Table, "Evaporation and Wind" Table, "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

USCOMM-WB-Asheville -- 6/27/58 -- 925





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U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief



CLIMATOLOGICAL DATA

ARKANSAS

JUNE 1958

Volume LXIII No. 6



SUPPLEMENTAL DATA

ARKANSAS
JUNE 1958

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent			Number of days with precipitation									
	Prevailing	Percent of minimum prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	MIDN-GHT CST	6:00A CST	NOON CST	6:00P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
FORT SMITH WB AIRPORT	ENE	19	7.9	33	W	15	83	91	61	58	2	1	1	1	4	1	10	69	4.5
LITTLE ROCK WB AIRPORT	SSW	16	9.2	29	W	20	82	86	58	58	3	1	3	2	1	1	11	70	4.8
TEXARKANA WB AIRPORT	SSW	16	8.5	-	-	-	-	91	-	-	0	1	3	1	3	0	8	-	-

CLIMATOLOGICAL DATA

Station	Temperature														Precipitation																								
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days					Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days																	
										60° or Above	50° or Above	40° or Above	30° or Above	20° or Above					Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More															
																				Max	Min.																		
																			32° or Below	0° or Below																			
NORTHWEST DIVISION																																							
BENTONVILLE	85.8	61.7	73.8		95	5	47	26	4	10	0	0	0	0	6.82		1.76	11	.0	0				10	7	1													
EUREKA SPRINGS	84.6	61.8	73.2	- 2.5	93	14+	41	26	11	6	0	0	0	8.81		2.05	21	.0	0				9	8	3														
FAYETTEVILLE	86.4	64.0	75.2		94	14+	49	26	6	0	0	0	0	6.63		2.59	25	.0	0				6	4	0														
FAYETTEVILLE CAA AIRPORT	84.7	61.6	73.2		93	14+	48	27	7	10	0	0	0	5.80		2.07	25	.0	0				5	4	3														
FAYETTEVILLE EXP STA	85.3	63.5	74.4	- 0.9	93	5	49	26	7	10	0	0	0	6.19	1.05	2.55	25	.0	0				5	4	3														
GRAVETTE	85.2	61.3	73.3	- 2.0	92	5	45	27	6	5	0	0	0	6.08	.97	1.49	21	.0	0				7	5	3														
HARRISON	87.0	61.2	74.1	- 1.5	95	14+	48	26	4	11	0	0	0	6.80		2.20	21	.0	0				7	5	4														
LEAO HILL	87.2	61.0	74.1	- 1.6	98	14	49	27+	1	12	0	0	0	5.85	1.55	1.90	25	.0	0				7	4	3														
ROGERS	84.4	62.7	73.6	- 1.4	91	14+	50	26	6	7	0	0	0	6.56	1.18	1.80	11	.0	0				7	6	2														
SILGAM SPRINGS	83.5	62.2	72.9		94	5	46	27+	13	2	0	0	0	5.72		.90	25	.0	0				10	5	0														
			73.8	- 1.5															6.53	1.49	.0																		
NORTH CENTRAL DIVISION																																							
FLIPPIN CAA AIRPORT	85.9	61.6	73.8		97	5	51	28+	0	9	0	0	0	9.86		1.93	18	.0	0				9	7	6														
GILBERT	88.1	61.4	74.8		98	5	50	27	0	16	0	0	0	5.69		1.89	22	.0	0				8	4	1														
MAMMOTH SPRING	86.4	60.7	73.6	- 2.1	95	14+	50	27	2	8	0	0	0	3.53	.70	1.11		.0	0				8	3	0														
MARSHALL	86.2M	62.0	74.1M		96	5	48	27	5	0	0	0	0	5.54	1.60	2.2		.0	0				6	5	3														
MOUNTAIN HOME 1 NNW	85.0	62.8M	73.9M	- 2.1	93	5	50	26	1	5	0	0	0	5.79	1.41	1.28	11	.0	0				7	4	4														
MOUNTAIN HOME C OF ENG AM	83.9	61.6	72.8		94	6	50	26	7	6	0	0	0	6.40		1.59	22	.0	0				7	5	3														
			73.8	- 2.2															6.14	2.14	.0																		
NORTHEAST DIVISION																																							
BALO KNOB	87.1	63.0	75.1		95	14	51	26	0	13	0	0	0	4.96		.81	6	.0	0				10	5	0														
BATESVILLE LIVESTOCK AM	87.2	61.0	74.1		97	6	50	26	3	14	0	0	0	6.90		1.70	16	.0	0				8	6	3														
BATESVILLE L AND O NO 1	87.9	62.6	75.3		97	5	52	27	5	7	0	0	0	5.74		1.00	11	.0	0				10	5	1														
BLYTHEVILLE	89.0	66.7	77.9	- 1.0	99	14	54	26	0	16	0	0	0	2.44	1.67	.93	9	.0	0				6	2	0														
CORNING	89.3	63.9	76.6	- 1.2	100	5	53	26	0	18	0	0	0	2.15	.68	.84	9	.0	0				5	2	0														
JONESBORO	89.5	66.7	78.1	- 0.3	99	14	52	26	0	16	0	0	0	2.34	1.72	.86	26	.0	0				5	2	0														
MARKEO TREE	88.8	66.3	77.6	- 0.6	97	14	55	26	0	14	0	0	0	3.13	1.26	.74	26	.0	0				4	2	1														
NEWPORT	86.6	66.0	76.3	- 2.5	95	15+	53	26	0	10	0	0	0	5.76	.49	1.80	2	.0	0				10	4	1														
PARAGOULD	89.0	63.0	76.0	- 0.9	97	14+	51	26	0	16	0	0	0	2.28	1.89	1.80	2	.0	0				6	4	1														
POCAHONTAS 1	88.2	63.6	75.9	- 1.5	96	5	52	26	0	14	0	0	0	1.25		.15	11	.0	0				4	3	1														
SEARCY	88.6	64.9	76.8	- 1.4	97	14	52	26	0	15	0	0	0	4.41	.56	.99	26	.0	0				10	3	0														
WALNUT RIDGE CAA AIRPORT	86.6	65.6	76.1		97	5	54	26	0	12	0	0	0	2.91		.70	11	.0	0				7	2	0														
WILSON	89.6	66.3	78.0		100	14	53	26	0	16	0	0	0	2.62		.98	7	.0	0				5	2	0														
			76.4	- 1.7															3.61	.08	.0																		
WEST CENTRAL DIVISION																																							
BOONEVILLE	88.9	64.6	76.8	- 1.5	100	14	52	27	0	17	0	0	0	8.23		3.03	26	.0	0				7	6	3														
CAMP CHAFFEE AM	88.0	65.6	76.8		98	14	53	27	0	15	0	0	0	9.14	3.95	3.22	26	.0	0				6	5	4														
CLARKSVILLE	89.2	64.2	76.7		98	14	54	28+	0	14	0	0	0	5.29		1.85	25	.0	0				7	4	2														
OAROEELLE	87.3	66.8	77.1	- 2.1	95	14+	56	26	0	11	0	0	0	6.19	2.23	1.87	26	.0	0				8	4	2														
OEVLIS KNOB	82.1	62.2	72.2		91	5	48	26	8	1	0	0	0	5.64		1.54	22	.0	0				7	5	3														
FORT SMITH WB AIRPORT R//	89.0	66.8	77.9	- 0.4	98	13+	55	27	0	16	0	0	0	10.40	6.09	3.30	25	.0	0				7	6	5														
FT SMITH WATER PLANT	87.2	62.3	74.8		95	14+	50	28	0	12	0	0	0	7.05		2.44	26	.0	0				7	4	3														
MENA	88.5	66.3	77.4	0.1	96	14	55	28+	0	14	0	0	0	7.81	3.22	3.53	26	.0	0				7	5	3														
MOUNT MAGAZINE	81.0M	61.7M	71.4M		89	14	49	26	7	0	0	0	0	10.65				.0	0																				
OZARK	89.5	65.6	77.6	- 0.4	98	14	54	27+	0	18	0	0	0	5.39	1.38	2.77	26	.0	0				6	2	2														
PARIS	90.5	64.7	77.6		99	14	56	29+	0	20	0	0	0	6.52		3.13	25	.0	0				7	3	3														
RUSSELLVILLE	89.2	65.9	77.6		98	14	55	27	0	16	0	0	0	8.27		2.88	15	.0	0				8	5	4														
SUBIACO	89.0	64.4	76.7	- 2.2	97	14+	53	26	0	16	0	0	0	6.49	2.32	3.22	26	.0	0				7	3	2														
TURNPIKE	79.2M	61.5	70.4M		90	8	47	26	13	1	0	0	0	5.04		1.70	25	.0	0				8	4	1														
WALORON	89.6	65.1	77.4		97	14+	52	27	0	18	0	0	0	9.04		2.99	6	.0	0				8	5	3														
WHITE ROCK	81.6	63.0	72.3		90	14	49	26	4	1	0	0	0	7.24		1.73	26	.0	0				8	6	3														
			75.7	- 1.3															7.40	3.10	.0																		
CENTRAL DIVISION																																							
ALUM FORK	87.2	64.3	75.8		95	14+	52	26	0	11	0	0	0	7.59		1.80	15	.0	0				9	6	4														
BENTON	88.6M	62.3	75.5M		96	14	52	26	0	13	0	0	0	6.65		2.67	26	.0	0				7	4	2														
BLAKELY MOUNTAIN OAM AM	88.7	64.4	76.6		99	15	52	28	0	17	0	0	0	5.63		2.76	26	.0	0				6	3	1														
CONWAY	87.8	64.4	76.1	- 2.8	95	14+	52	26	0	13	0	0	0	6.99	2.90	2.50	26	.0	0				10	3	2														
HOT SPRINGS 1 NNE	89.7	67.4	78.6	- 1.1	98	14	53	26	0	17	0	0	0	4.18	.07	1.07	26	.0	0				9	3	1														
LITTLE ROCK WB AIRPORT R//	87.3	67.7	77.5	- 1.0	96	14+	55	26	0	12	0	0	0	7.20		3.77																							

CLIMATOLOGICAL DATA

ARKANSAS
JUNE 1958

CONTINUED

Station	Temperature											Precipitation																
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days			Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No of Days								
										90° or Above	32° or Below	32° or Below					Total	Max. Depth on Ground	Days	10 or More			50 or More			100 or More		
																				Max.	Min.	10 or More	50 or More	100 or More				
EAST CENTRAL DIVISION																												
BRINKLEY	87.3	64.9	76.1	- 2.6	97	5	53	26	0	11	0	0	0	5.61	2.25	1.54	26	+0	0		8	4	2					
DES ARC	87.3	66.9	77.1		97	15	54	26	0	14	0	0	0	5.88		1.92	26	+0	0		6	6	2					
HELENA	88.4	67.4	77.9	- 0.9	97	14+	57	26	0	14	0	0	0	6.43	3.43	2.14	26	+0	0		9	5	2					
KEO	88.2	65.6	76.9		97	14	52	26	0	14	0	0	0	5.68		2.90	26	+0	0		7	4	1					
MARIANNA 2 S	88.6	66.2	77.4	- 1.4	96	5	55	26	0	14	0	0	0	4.47	1.48	1.80	26	+0	0		7	3	1					
SAINT CHARLES	87.7	67.8	77.8		96	15	55	27	0	13	0	0	0	6.10		3.14	26	+0	0		7	4	2					
STUTT GART	89.2M	68.5M	78.9M	- 0.3	97	14	55	26	0	0	0	0	0	6.82	3.44	2.94	26	+0	0		7	5	2					
STUTT GART 9 ESE	86.9	68.3M	77.6M		95	15+	56	26	0	12	0	0	0	9.00		3.91	26	+0	0		8	5	4					
WYNNE	87.7	64.3	76.0		96	15+	53	26	0	12	0	0	0	2.05		.65	16	+0	0		4	3	0					
DIVISION			77.3	- 1.4										5.78	2.55			+0										
SOUTHWEST DIVISION																												
ASHDOWN	90.7	67.5	79.1		97	14+	55	28	0	19	0	0	0	3.59		1.28	26	+0	0		6	3	1					
DE QUEEN	91.3	66.2	78.8		98	15+	53	28	0	21	0	0	0	4.88		2.15	26	+0	0		5	3	2					
DIERKS																												
HOPE 3 NE	88.5	67.7	78.1	- 1.0	96	6	55	28	0	17	0	0	0	4.85	1.58	2.27	26	+0	0		6	4	1					
MOUNT IOA	87.9	63.5	75.7	- 0.8	96	14	50	28	0	16	0	0	0	7.04	3.56	3.11	26	+0	0		8	5	2					
NARROWS DAM	90.0	64.4	77.2		98	6	53	28	0	19	0	0	0	8.91		3.26	26	+0	0		6	6	4					
NASHVILLE PEACH SUBSTA	87.9	66.3	77.1		97	6	54	27	0	10	0	0	0	8.33		4.21	26	+0	0		7	5	3					
OKAY	90.8	69.0	79.9	- 0.6	98	5	57	26	0	22	0	0	0	4.69	1.53	2.05	26	+0	0		8	2	1					
TEXARKANA WB AIRPORT	R//	89.1	69.8	- 0.4	96	5	58	26	0	19	0	0	0	6.21	2.36	1.75	26	+0	0		7	4	3					
DIVISION			78.2	0.0										6.06	2.80			+0										
SOUTH CENTRAL DIVISION																												
ARKADELPHIA	88.6	67.4	78.0		96	5+	54	26	0	15	0	0	0	6.80	3.26	2.95	26	+0	0		8	4	3					
CAMDEN 1	89.3	67.6	78.5	- 1.1	96	6	55	27	0	20	0	0	0	7.37	4.44	3.86	26	+0	0		7	5	2					
EL DORADO CAA AIRPORT	88.6	68.6	78.6	- 1.7	94	4	55	28	0	18	0	0	0	7.41	4.61	3.24	26	+0	0		8	4	3					
FORDYCE 6 W														5.00		2.37	26	+0	0		5	2	2					
MAGNOLIA 3 N	91.0	67.0	79.0	- 1.0	100	5	54	28	0	21	0	0	0	8.91	5.97	2.70	26	+0	0		6	5	4					
PRESCOTT																												
WARREN	90.0	68.0	79.0	- 1.2	97	14+	56	28+	0	18	0	0	0	8.85		4.61	26	+0	0		6	4	3					
DIVISION			78.6	- 0.9										7.39	4.21			+0										
SOUTHEAST DIVISION																												
CROSSETT 7 S	89.2	66.7	78.0	- 0.9	95	13	53	28	0	17	0	0	0	4.12	.89	1.76	26	+0	0		5	4	1					
CUMMINS FARM	88.8M	67.5M	78.2M		98	15	57	26	0	17	0	0	0	5.23		2.82	26	+0	0		6	3	1					
DUMAS 3 S	88.9	67.4	78.2	- 2.2	96	14+	57	26	0	16	0	0	0	6.21	3.05	2.71	26	+0	0		7	6	1					
MONTECELLO 3 S	89.1	68.3	78.7		96	14	54	27	0	17	0	0	0	10.50		3.30	26	+0	0		8	6	4					
PINE BLUFF	89.4	68.6	79.0	- 1.1	97	14+	55	26	0	17	0	0	0	5.45	2.44	2.91	26	+0	0		5	4	2					
PINE BLUFF CAA AIRPORT	88.3	67.1	77.7		97	5	55	26	0	15	0	0	0	4.92		2.16	25	+0	0		6	3	1					
PORTLAND	86.7	69.0	77.9	- 1.5	96	15+	59	26	0	13	0	0	0	7.94	4.87	2.10	17	+0	0		9	5	3					
DIVISION			78.2	- 1.4										6.34	3.21			+0										

Highest Temperature 100 on the 14+ at 4 stations.
 Lowest Temperature 41 on the 26 at Eureka Springs.
 Greatest Total Precipitation 11.74 inches at Jessieville.
 Least Total Precipitation 1.25 inches at Pocahontas 1.
 Greatest one-day precipitation 4.67 inches on the 26 at Gurdon 3 E.

DAILY PRECIPITATION

ARKANSA
JUNE 195

Stotion	Total	Day of month																																					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31							
ABBOTT	10.00						1.04												1.78	1.84	.28																		2.72
ALICIA	5.33																		.50		.70	.22	.51													.05	1.06		
ALUM FORK	7.59	.10										.51	.12			1.80			.40	.45	1.05														1.05	1.60			
ALY	6.76		T																.29	1.02																2.99			
AMITY 3 NE	6.24							.10	.30											.04	.26		1.19	.70	T											3.19	T		
ANTOINE	6.38																				.78	.02		1.15												4.17	.01		
APLIN 1 W	6.41			.19				.11					.87						.25	.31	.21		.08	.07	.38	1.42										2.75			
ARCADOPHIA	6.80							1.10							.30				1.35	.20		.15	.10	T	.65										2.95				
ARKANSAS CITY	6.41			.25	T								.03	.93					.49	1.06	.44		.09	.10	.68										2.10				
ASHDOWN	3.59														.21				.81	.42			.09	.10	.68										1.28	.10			
ATHENS	6.35																		.26	.55			.27	.02	.07	1.70										3.48			
AUGUSTA	5.87			.75					.03	T				.95	.16				1.60	.30			.52	.21	.22										1.13				
BAID KNOB	4.96			.43					.81						.80				.60				.31	.12	.58									.34	.40				
BATESVILLE LIVESTOCK	6.90											.40	1.17						1.70	.06			1.26	.39	.54	.64									.72	.02			
BATESVILLE L AND O NO 1	5.74								.80					1.00	.23				.80	.25			.84	.32	.44	.45									.61				
BEATY LAKE	3.98	T	T												.65				.24				.41	.05	.08										1.40				
BEAVER 1 SE	8.28							.05	T										2.11	.23			.24	.51	2.05	.87								.31	.59				
BEECH GROVE	1.71																		.36				.97	.89												.71			
BEDEDEVILLE	4.46			.25									.55						.36				.97	.89											.71				
BENTON	6.65																		1.14	.87			.17	.30	.03	.48									2.67				
BENTONVILLE	6.82							.19											.82	.26			.31	.67	.67	.82	.06								.68	.58			
BERRYVILLE 4 NW	7.69							.05											2.28	.13			.19	1.06	2.03	T								.30	.58				
BIG FORK	7.66							.99											1.07	.85			.49	.12	.17	.30									3.58				
BIG LAKE OUTLET	2.41																		.03	.01	T		.01	.73	T	.50	T								.70				
BLACK ROCK	4.58													.69					.67	.05			.11	1.21	.12	.57	T								1.16				
BLAKELY MOUNTAIN DAM	5.63			.37															.47	.09			.28	.99	.67	.67									2.76				
BLUFF CITY 3 SW	4.65																		.94	.04			.28	.99	.67	.67									2.03				
BLYTEVILLE	2.44								.93										.29				.01	.38	.11	.10									.61	.01			
BOONEVILLE	8.23	.03							.74										1.28	.85			.12	.80	1.30	T									3.03				
BOUGHTON	6.89								.27										.47	.43			.45	.12	.80	1.54									3.61				
BRADFORD	5.17			.12															.16	.92			.51	.93	.28										1.35				
BRIMLEY	5.61	.02						.60											.26	.45	.09		.10	1.45	.09	.67									.23	1.54			
BUFFALO TOWER	6.20							1.13											.93	.35			.73	.31											.30	1.15			
BURDETTE	4.21																		.34	.02			.03	.01	T	.50	T									.70			
CABOT 4 SW	7.67							.39		.83									.41				1.07	.40	.33											2.33	.12		
CALICO ROCK	6.26						.48	.03	.38										.14	.01			.99	.62	.01	1.31	T								.70				
CAMDEN 1	7.37							.95											.11	.98	T		.60	.15	1.12										3.86	T			
CAMP CHAFFEE	9.14							.09											1.25	.97			.27	T	1.65	2.02									.04	3.22			
CARLISLE 1 SW	6.67			.24															1.82	.30			.23	.15	.32										3.00				
CLAPENOOD	7.98			1.01				.03											.79	.95			1.00	.89	.18										1.21				
CLARKSVILLE	5.29					1.02													.23	.31			T		.81	.02									1.85	.65			
CLINTON	5.37						.55												.55				.90	.81	1.44										1.08				
COLD SPRINGS GUARD STA	6.59	.23	.22																				.47	.15	1.08										.40	2.50			
CONWAY	2.15																			.64				.24		.08										.10			
CORNING	2.15						.15			.84									.74					.24		.08													
COVE	6.18																			.58	.49			.51	.22	.49									3.47				
CROSSETT T S	4.12							.04												.40	.64			.02	.59										.05	1.76			
CRYSTAL VALLEY	9.27	T						.80											.62	.40	.64			.42	.77	.73									4.30				
CUMMINS FARM	5.23	T	.39																.87	.93			.53	T	.23	.93									2.82				
DAISY	6.81							.70																.04	.44	T	1.18									3.73			
DAMASCUS	4.43			.24									.18							.60	.13			.62	.03	.82									1.03				
DANVILLE	6.26							.18												.34	.55			.05	.02	.35	1.44									3.28			
DARDANELLE	6.19			.19																.96	.35			T	.37	1.36										1.87			
DE QUEEN	4.88						1.52													.44				.12	.65											2.15			
DERMOTT	7.22																			1.90	1.26	.21		.56	1.01										2.56				
DES ARC	5.88						.07	.02												.84	.51			.52	1.20	.05	T								1.92				
DEVILS KNOB	5.64						1.26													.73	.22			.16	1.54										.03	1.12			
DIERKS	6.21			.91																				.60	.02	.49										2.71			
DUMAS 3 S	6.21			.91																				.60	.02	.49										2.71			
EAGLE GAP	6.21			.91																				.60	.02	.49										2.71			
EL DORADO CAA AIRPORT	7.41			.20				.28																.37												3.24			
EUREKA SPRINGS	8.81							.04												1.04				1.79	.53										.43	.52			
EVINGEN SHADE	5.61							.03												1.20				.07	T	1.80									.84				
FAYETTEVILLE	6.63																																						

MONTHLY AND SEASONAL SNOWFALL

Season of 1957-1958

ARKANSAS

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
ABBOTT							T	T	1.0	-			1.0
ALICIA									-				-
ALUM FORK					3.0				-				-
ALY					2.4	.5	T		-				-
AMITY 3 NE									-				-
ANTOINE									-				-
APLIN 1 W					T				-				-
ARKAOELPHIA					2.0				-				-
ARKANSAS CITY							1.0		-				-
ASHOOWN									-				-
ATHENS	-	-	-	-	-	T			-				-
AUGUSTA									-				-
BALD KNOB							T		-				-
BATESVILLE LIVESTOCK					T	T	T	3.6	3.0				6.6
BATESVILLE L AND O NO 1									-				-
BEATY LAKE					T	T	.3	6.6	T				6.9
BEAVER 1 SE				T	.1	.5	.7	-	9.9				-
BEECH GROVE									-				-
BEEEOVILLE					T	T			-				-
BENTON					.3		T		-				-
BENTONVILLE				T	.3	.3	1.5	1.8	10.5				14.4
BERRYVILLE 4 NW							T		-				-
BIG FORK							T		-				-
BIG LAKE OUTLET					T		T	4.5	-				-
BLACK ROCK						T	T		-				-
BLAKELY MOUNTAIN OAM					T	T			-				-
BLUFF CITY 3 SW							T		-				-
BLYTEVILLE									-				-
BOONEVILLE					.3		.5	2.5	T				3.3
BOUGHTON									-				-
BRAOFORO					T			3.8					3.8
BRINKLEY		-	-	-	-	-	-	2.1					-
BUFFALO TOWER				T	T	T	2.0	1.4	-				-
BURETTE							.5	4.3					-
CABOT 4 SW					T		T	3.0					3.0
CALICO ROCK					T				-				-
CAMOEN 1									-				-
CAMP CHAFFEE						T	.7	4.2	.7				5.6
CARL ISLE 1 SW					1.5			2.0					3.5
CLARENOON					T			2.0					2.0
CLARKSVILLE					T		T		T				-
CLINTON							T	3.0	-				-
COLO SPRINGS GUARD STA								3.0			-	-	-
CONWAY								5.3	8.0				13.3
CORNING									-				-
COVE					T		1.0	-					-
CROSSETT 7 S							2.0	3.0					5.0
CRYSTAL VALLEY						-		T					-
CUMMINS FARM					T		T		-				-
OAISY									-				-
OAMASCUS					T		T		T				-
OANVILLE						T		2.5					2.5
OAROANELLE									-				-
OE OUEEN									-				-
DERMOTT							3.0						-
OES ARC							T	3.5					3.5
OEVILS KNOB				T				2.2	2.2				4.4
OIERKS	-	-	-	-	-	-	-	-	-	-	-	-	-
OUMAS 3 S					T	T	2.8						-
EAGLE GAP	-	-	-	-	-	-	-	-	-	-	-	-	-
EL OORAO CAA AIRPORT					T			2.5					2.5
EUREKA SPRINGS				T			2.0	4.6	11.7				18.3
EVENING SHAOE						.2							-
FAYETTEVILLE				T	.8	.8	3.3	3.7	7.2				15.8
FAYETTEVILLE CAA AIRPORT				T		1.1	2.2	.6	4.2				8.1
FAYETTEVILLE EXP STA				T	.1	.5			6.0				-
FLIPPIN CAA AIRPORT				T	T	T	.7	1.7	8.0				10.4
FOROYCE 6 W					T				-				-
FORT SMITH WB AIRPORT					T	T	1.0	3.8	2.0				6.8
FT SMITH WATER PLANT					T		T		2.0				-
FULTON					T				-				-
GEORGETOWN									-				-
GILBERT								2.5	4.0				6.5
GLENWOOD					T				-				-
GRANNIS	-	-	-	-	-	-	-	-	-	-	-	-	-
GRAVELLY 2 ESE									-				-
GRAVETTE					.5	.5	2.3	2.5	15.0				20.8
GREEN FOREST									-				-
GREENBRIER	-	-	-	-	-	-	-	-	-	-	-	-	-
GREENWOOD							T						-
GURON 3 E					T		T	1.4					1.4
HAMBURG					T		1.0						-
HAMPTON									-				-
HARRISON					.5	.5	1.0	3.5	12.1				17.6
HEBER SPRINGS 3 NE					T		T		-				-
HECTOR	-	-	-	-	-	-	T						-
HELENA					T			T					-
HENGERSON 2 W							T		7.0				-
HOPE 3 NE					T				-				-
HOPPER					T				-				-
HORATIO									-				-
HOT SPRINGS 1 NNE									-				-
HUTTIG OAM					1.3		T						-
INOEX									-				-
JASPER					.2	T	-		7.5				-

See reference notes following Station Index.

MONTHLY AND SEASONAL SNOWFALL

Season of 1957-1958

ARKANSAS

Continued

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
JESSIEVILLE					3.0		T	2.0					5.0
JONESBORO					T		T	3.5	-				-
KEO					.5			-					-
LAKE CITY								2.0	-				-
LAKE MAUMELLE					2.5			2.0					4.5
LANGLEY					T			-					-
LEAD HILL					T			3.0	-				-
LEE CREEK GUARO STA					T			-					-
LEOLA							2.0	-					-
LITTLE ROCK WB AIRPORT								2.0					2.0
LITTLE ROCK FILT PLANT					.8		T	4.2	T				5.0
LOST CORNER	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUANN 2 SE								-					-
LURTON					.5			-					-
MADISON						T		3.0	3.2				6.2
MAGNOLIA 3 N								-					-
MALVERN								-					-
MAMMOTH SPRING							.5	T	-				-
MARIANNA 2 S						T		2.5	-				-
MARKEO TREE						T		T	-				-
MARSHALL													-
MARVELL							T	T	3.2	5.0			8.2
MELBOURNE									-				-
MENA						1.5		5.0	-				-
MONTICELLO 3 S							1.0	T	-				-
MOROBAY L AND O NO B								-					-
MORRILTON						T		-					-
MOUNT IOA							T	-					-
MOUNT MAGAZINE					.5	1.0	2.0	1.5	T				1.5
MOUNTAIN HOME 1 NNW								4.5		5.5			10.0
MOUNTAIN HOME C OF ENG													-
MOUNTAIN VIEW 1 E								T	4.4	T			4.4
MULBERRY 6 NWE									-	2.5			-
NARROWS OAM							T	T	-	T			-
NASHVILLE PEACH SUBSTA						T		T	-				-
NATHAN 4 WNW													-
NEWHOPE 3 E													-
NEWPORT													-
NIMROD OAM						T							-
OEELL					T	T	T	3.5	3.0	3.0			9.5
OEN 2 W						2.5	T	-					-
OKAY								1.5					1.5
OSCEOLA						T		-					-
OWENSVILLE						2.0		-					-
OZARK					T	T		T		T			-
OZONE													-
PARAGOULO					.2	T		2.0	4.0	4.0			10.2
PARIS									-	3.0			-
PARKIN 2 W						T		T	3.3	T			3.3
PARKS									-				-
PERRYVILLE													-
PINE BLUFF						T		T	2.0				2.0
PINE BLUFF CAA AIRPORT						T		T	1.0				1.0
PINE RIGGE						1.0		T	1.9				2.9
POCAHONTAS 1								T	-	5.6			-
PORTLAND						T							-
PRESCOTT						1.5		T	2.0				-
RATCLIFF													-
RISON						T		T	2.0	T			2.0
ROGERS					T	1.5		-	-	-			1.4
RUSSELLVILLE													-
SAINT CHARLES													-
SAINT FRANCIS						T		2.1	.5				2.6
SALEM									2.0				-
SEARCY						T		T	3.0				3.0
SHERIDAN TOWER						T							-
SHIRLEY 3 SE										2.5			-
SILOAM SPRINGS						T		T	2.0	6.5			11.9
SPARKMAN 4 E													-
STAMPS						T			-				-
STAR CITY 2 S													-
STEVE													-
STUTTIGART						T			.5				.5
STUTTIGART 9 ESE													-
SUBIACO						T		T	-	4.5			-
TAYLOR													-
TEXARKANA WB AIRPORT													-
TURNPIKE						1.5			1.6				3.1
WALORON					T			-					-
WALNUT GROVE						.1		.5	1.0	3.0			4.6
WALNUT GROVE CAA AIRPORT								T	-	4.0			-
WARREN								T	1.5	4.5	8.0		14.0
WASHITA						T			.3				.3
WHITE ROCK						T			-				-
WHITECLIFFS					T		3.0	5.0	7.5	8.5			24.0
WILSON									1.0				1.0
WYNNE						T							-
YELLVILLE						T		.5	3.7				4.2

DAILY TEMPERATURES

ARKANSAS
JUNE 1958

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALUM FORK	MAX	90	87	87	90	95	83	89	92	92	92	87	95	94	95	94	75	85	87	87	88	84	80	83	91	85	77	81	82	83	85	87.2
	MIN	72	68	60	61	65	62	65	68	70	72	64	67	72	69	70	66	65	64	65	69	68	59	60	59	67	52	58	56	58	59	64.3
ARKADOLPHIA	MAX	94	90	89	96	96	94	92	90	90	90	88	94	94	95	91	85	82	89	90	83	81	80	89	90	86	84	82	82	85	88	88.6
	MIN	72	71	65	65	70	72	68	70	71	73	74	74	73	70	76	72	68	67	66	72	69	60	62	60	73	54	58	57	59	62	67.4
ASHDOWN	MAX	92	95	93	94	97	95	92	93	92	93	92	94	96	97	96	88	83	90	91	93	86	84	87	88	92	87	83	83	86	89	90.7
	MIN	70	71	69	66	69	70	65	72	73	72	73	74	71	71	74	70	70	66	68	71	70	69	61	62	62	58	58	55	59	65	67.5
BALO KNOB	MAX	92	83	82	90	94	92	89	92	90	92	90	92	94	95	94	77	85	90	85	86	84	77	82	89	84	78	82	83	84	87	87.1
	MIN	70	66	59	62	65	68	61	64	70	72	64	69	67	64	69	61	62	64	65	69	69	58	56	58	63	51	56	55	56	56	63.0
BATESVILLE LIVESTOCK	MAX	90	94	86	88	91	97	61	93	94	94	92	86	91	94	95	91	72	89	90	85	85	75	81	81	90	75	79	83	84	85	87.2
	MIN	70	62	56	55	60	65	56	67	67	67	68	69	72	66	68	62	58	62	61	65	65	52	55	54	70	50	51	51	52	53	61.0
BATESVILLE L AND D NO 1	MAX	93	87	84	92	97	92	91	92	90	93	88	91	93	95	91	80	85	90	86	86	85	77	81	90	88	79	83	86	86	89	87.9
	MIN	72	65	56	56	59	68	58	64	70	75	64	70	70	66	71	65	61	62	66	66	67	55	55	55	71	53	52	54	54	57	62.6
BENTON	MAX	92	89	88	93	95	90	91	93	93	92	87	92	94	96	92	86	86	89	87	87	88	85	83	90	82	80	81	83	85	86	88.6
	MIN	68	66	65	67	62	65	62	63	62	62	63	62	69	63	70	65	63	60	63	69	68	64	56	55	65	50	52	52	52	55	62.3
BENTONVILLE	MAX	85	85	89	91	95	82	90	91	93	93	86	91	93	93	90	75	84	88	86	88	75	76	80	88	76	76	80	83	85	88	85.8
	MIN	67	57	60	60	65	64	63	70	66	73	62	71	73	69	68	65	64	62	64	64	60	51	53	60	57	47	49	53	55	58	61.7
BLAKELY MOUNTAIN OAM	MAX	92	94	90	90	94	96	92	93	94	92	92	90	95	98	99	85	81	87	90	86	85	79	82	85	93	78	78	81	84	85	88.7
	MIN	67	69	63	58	63	68	67	66	69	72	73	67	69	65	74	72	68	65	64	71	68	61	57	56	62	55	56	52	55	59	64.4
BLYTHEVILLE	MAX	94	86	81	94	97	92	92	97	93	94	90	95	98	99	92	79	88	92	87	89	83	77	82	91	86	76	82	86	88	90	89.0
	MIN	72	66	56	61	74	70	61	70	73	78	65	67	75	75	75	67	63	68	72	72	68	67	61	62	69	54	58	59	61	64	66.7
BOONEVILLE	MAX	93	93	90	94	96	93	92	92	93	93	88	97	97	100	87	77	87	91	90	87	78	80	84	92	80	80	82	85	87	90	88.9
	MIN	70	70	65	64	66	66	65	70	71	72	68	74	70	67	68	66	64	65	66	67	67	62	57	58	60	55	52	54	58	61	64.6
BRINKLEY	MAX	94	86	89	93	97	88	90	93	91	91	86	92	93	96	91	76	85	88	84	86	81	78	84	89	85	77	81	83	85	87	87.3
	MIN	70	68	68	63	68	69	62	68	71	73	64	72	71	68	70	65	64	64	64	68	68	60	58	60	69	53	55	56	58	60	64.9
CAMDEN 1	MAX	92	93	93	90	94	96	94	91	92	92	91	91	93	95	95	90	85	85	90	82	87	84	81	86	90	90	76	82	84	86	89.3
	MIN	69	70	67	66	73	72	67	68	70	72	74	74	78	71	76	74	70	67	67	72	70	66	62	60	70	56	55	56	57	60	67.6
CAMP CHAFFEE	MAX	91	92	90	88	92	95	91	92	93	93	94	86	96	98	96	88	73	86	91	89	87	78	79	85	91	75	79	83	83	86	88.0
	MIN	72	68	65	65	68	69	67	65	70	70	69	70	70	69	62	72	65	66	68	71	69	61	60	61	71	55	53	56	58	62	65.6
CLARKSVILLE	MAX	94	90	88	92	97	89	89	94	93	96	89	95	96	98	93	79	86	91	91	89	85	80	84	92	88	79	83	83	85	88	89.2
	MIN	70	68	62	60	66	67	67	70	66	70	66	66	72	69	71	69	64	65	67	70	68	59	57	58	60	55	54	54	58	58	64.2
CONWAY	MAX	90	88	85	92	95	90	89	92	91	91	88	92	93	95	94	77	86	90	88	87	85	80	84	91	84	79	83	83	85	87	87.8
	MIN	72	68	60	60	63	67	63	68	72	73	66	73	73	67	70	65	64	63	66	69	67	60	59	57	68	52	56	56	57	59	64.4
CORNING	MAX	94	85	84	93	100	83	92	97	92	93	88	94	97	97	91	78	88	92	90	92	82	78	82	91	87	81	85	90	90	92	89.3
	MIN	73	65	63	59	68	62	59	67	70	69	63	73	75	71	72	63	60	65	67	69	63	54	57	59	67	53	55	57	58	60	63.9
CROSSETT 7 S	MAX	90	92	89	94	93	93	90	92	90	91	91	93	95	94	91	81	82	90	91	89	89	80	86	91	88	86	83	85	88	89	89.2
	MIN	71	68	69	67	70	69	67	68	68	68	73	68	68	70	74	73	70	66	69	72	71	67	60	60	73	59	56	53	56	59	66.7
CUMMINS FARM	MAX	92	89	86	95	95	90	94	96	92	92	90	92	95	96	98	82	86	90	91	90	82	79	84	90	88	86	80	84	85	88	88.8
	MIN	72	72	61	69	66	72	72	72	72	72	65	71	73	71	74	72	70	67	69	71	69	64	61	61	73	57	58	60	62	65	67.5
DARDANELLE	MAX	92	87	86	90	94	87	89	92	92	93	86	93	95	95	94	77	83	89	88	88	82	78	82	90	88	77	80	82	84	87	87.3
	MIN	74	70	64	63	67	70	70	71	71	75	66	73	73	72	73	70	65	68	68	72	67	61	61	61	65	56	57	57	61	63	66.8
OE QUEEN	MAX	92	95	92	95	96	94	94	95	92	92	92	95	97	98	98	90	90	86	93	93	86	88	89	93	90	82	84	84	87	88	91.3
	MIN	68	69	68	66	68	67	64	70	70	72	72	72	70	69	75	72	68	65	67	69	68	65	68	58	73	57	54	53	58	63	66.2
DES ARC	MAX	92	94	86	84	93	95	83	90	93	93	92	81	93	96	97	92	74	85	90	83	86	80	79	84	90	84	77	81	85	86	87.3
	MIN	73	70	63	64	69	71	64	69	73	75	67	67	75	70	77	69	65	66	70	70	73	62	60	62	69	54	56	59	61	63	66.9
DEVILS KNOB	MAX	86	83	83	87	91	89	81	85	86	89	83	86	88	88	87	72	79	85	85	83	81	72	75	83	80	71	73	77	75	79	82.1
	MIN	69	60	58	61	70	61	63	68	66	68	59	67	69	71	68	61	60	66	64	69	59	52	57	62	54	48	57	59	61	59	62.2
DIERS	MAX																															
	MIN																															
DUMAS 3 S	MAX	95	85	88	96	95	90	94	96	92	92	90	94	95	96	93	80	84	89	92	91	82	81	85	90	89	81	81	83	85	84	88.9
	MIN	70	70	67	68	72	70	65	72	71	71	66	72	72	71	74	71	69	67	68	71	70	64	61	60	70	57	58	60	61	64	67.4
EL DORADO CAA AIRPORT	MAX	90	92	90	94	93	92	90	89	90	90	91	92	93	93	92	84	83	93	90	87	82	81									

DAILY TEMPERATURES

ARKANSAS
JUNE 1958

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HOT SPRINGS 1 NNE	MAX MIN	91 73	91 68	91 62	93 63	93 70	91 72	94 68	94 74	91 72	91 73	90 67	95 74	97 76	98 74	95 72	76 68	88 66	91 69	87 66	88 73	88 71	84 60	86 63	92 63	87 71	82 53	85 58	85 59	87 60	89 65	89.7 67.4	
JONESBORO	MAX MIN	95 75	83 65	83 64	94 63	98 70	91 71	92 64	96 71	94 74	94 74	89 65	95 73	97 77	99 74	95 73	80 66	89 63	93 69	86 69	91 70	85 68	78 58	82 60	91 61	86 55	79 49	84 58	87 58	88 60	89 63	89.5 66.7	
KEO	MAX MIN	93 73	87 69	85 60	93 63	95 69	87 67	92 63	93 70	94 72	93 72	87 66	95 72	95 72	97 69	92 72	76 66	83 65	91 65	92 68	89 68	78 63	83 59	91 61	86 59	77 49	80 58	84 58	86 59	89 62	88.2 65.6		
LEAO HILL	MAX MIN	90 72	84 57	85 56	92 55	97 61	82 62	90 60	95 72	93 72	95 65	87 65	92 71	96 71	98 70	87 63	76 62	88 60	91 63	88 61	89 62	78 59	80 53	90 61	80 55	79 49	82 49	83 58	88 56	88 60	87.2 61.0		
LITTLE ROCK WB AIRPORT	MAX MIN	93 75	87 71	85 64	93 66	96 70	84 73	92 68	92 73	92 73	87 75	93 66	95 73	96 76	98 73	87 73	75 67	85 67	91 70	87 72	88 72	77 67	80 63	91 63	84 60	82 55	78 49	82 61	85 62	88 65	87.3 67.7		
MAGNOLIA 3 N	MAX MIN	93 70	93 66	94 65	100 70	95 68	95 68	93 66	92 71	96 71	92 72	92 73	93 71	94 71	97 70	88 73	82 70	94 67	90 74	90 69	85 66	87 74	87 69	90 60	85 55	87 49	87 50	89 51	86 50	88 55	91.0 67.0		
MALVERN	MAX MIN	91 68	89 66	90 61	94 58	97 64	92 66	93 65	91 64	97 65	91 64	88 65	92 69	94 68	95 74	87 74	79 68	86 65	90 66	86 65	86 63	84 50	85 54	90 57	89 50	82 45	82 55	83 55	85 54	88 55	89.2 62.9		
MAMMOTH SPRING	MAX MIN	90 73	82 61	82 59	88 55	95 59	86 58	87 57	94 63	88 66	90 69	86 71	93 66	95 72	86 68	79 63	86 65	90 60	84 62	89 63	86 63	86 51	89 54	89 57	89 50	81 45	78 50	85 50	86 53	89 55	86.4 60.7		
MARIANNA 2 5	MAX MIN	94 78	90 69	86 61	94 65	96 71	94 71	90 62	95 67	94 72	89 71	95 72	93 71	95 71	95 70	77 66	85 63	89 66	87 69	85 69	81 58	89 60	87 58	83 50	83 45	82 45	85 58	89 60	85 63	88.6 66.2			
MARKEE TREE	MAX MIN	93 76	85 66	85 64	92 62	95 72	87 71	89 67	95 73	94 73	88 75	92 72	96 75	97 72	95 73	84 69	88 64	91 68	90 71	89 68	86 68	82 58	82 50	90 57	84 50	85 45	87 57	81 60	81 61	88.8 66.3			
MARSHALL	MAX MIN	89 74	83 61	85 57	91 59	96 62	86 65	88 61	91 67	91 71	92 72	86 63	90 71	93 75	94 69	91 69	76 64	86 62	88 65	87 65	84 50	80 54	80 60	75 56	80 50	76 45	80 58	81 58	82 60	85 60	86.2 62.0		
MENA	MAX MIN	91 72	94 69	92 66	95 65	93 68	88 67	91 62	90 71	88 72	84 73	91 72	94 72	96 79	96 71	79 68	89 67	90 65	91 68	88 69	82 62	88 58	87 52	88 62	85 55	80 57	88 57	83 62	84 62	86 62	88.5 66.3		
MONTICELLO 3 5	MAX MIN	91 66	90 66	89 67	94 69	94 71	93 70	92 65	91 69	91 70	91 68	91 70	94 68	95 73	96 69	82 72	84 67	90 70	88 69	81 69	85 69	93 69	89 69	87 60	87 54	89 57	84 58	89 69	85 71	89.1 68.3			
MORRILTON	MAX MIN	93 72	88 68	86 60	93 61	96 66	88 66	91 66	93 66	92 71	87 73	92 66	93 72	95 72	97 69	77 67	85 64	91 66	90 68	89 68	85 60	85 58	93 59	87 50	80 45	87 58	84 58	88 60	88 60	88.7 65.4			
MOUNT IOA	MAX MIN	91 69	91 67	89 62	92 58	95 64	92 67	91 66	92 73	88 74	93 69	88 68	93 74	96 64	90 70	80 68	86 66	90 62	85 66	80 66	82 61	84 56	80 55	84 55	78 50	82 45	82 52	81 52	87 56	87.9 63.5			
MOUNT MAGAZINE	MAX MIN	84 68	82 66	86 58	83 60	87 72	85 61	82 62	83 69	82 66	85 75	79 61	85 65	87 65	89 65	74 56	82 70	86 60	85 60	88 60	87 56	80 49	82 50	75 45	70 45	75 59	75 59	75 61	81.0 61.7				
MOUNTAIN HOME 1 NNW	MAX MIN	87 75	84 61	82 59	87 61	83 64	83 66	85 67	90 68	87 67	89 72	85 70	91 74	92 70	92 67	76 64	83 58	86 60	85 60	86 60	78 54	80 58	78 50	77 45	80 45	77 49	80 59	83 59	85 60	85.0 62.8			
MOUNTAIN HOME C OF ENG	MAX MIN	88 72	87 62	80 58	81 58	88 62	94 67	78 62	81 66	91 66	89 73	90 64	83 65	92 72	92 69	84 64	80 58	84 65	88 62	87 65	88 52	87 57	80 50	76 45	76 45	89 58	76 52	81 55	82 56	83.9 61.6			
NARROWS OAM	MAX MIN	91 64	92 68	94 66	92 62	95 66	98 69	90 63	92 67	92 67	90 70	90 69	94 66	96 71	97 70	86 73	86 69	87 64	91 69	95 66	85 65	84 65	86 57	88 56	86 55	88 55	84 53	88 55	84 59	90.0 64.4			
NASHVILLE PEACH SUBSTA	MAX MIN	89 69	89 71	93 66	90 65	92 67	92 69	90 64	90 70	89 71	89 72	90 72	91 72	93 69	95 75	88 71	83 68	83 66	88 66	85 69	88 60	85 64	88 58	85 50	85 45	82 54	81 59	83 59	83 63	87.9 66.3			
NEWPORT	MAX MIN	92 75	82 66	82 64	89 62	95 68	82 62	87 62	92 71	91 75	90 67	91 64	91 74	93 76	94 75	86 69	82 64	88 67	86 69	86 69	86 58	89 58	81 50	80 45	89 58	78 50	80 58	84 58	84 60	86.6 66.0			
NIMROD OAM	MAX MIN	93 62	93 65	90 59	88 57	93 64	96 67	90 66	93 68	95 68	94 73	95 66	90 65	97 70	98 68	85 70	72 65	85 63	91 69	89 67	85 67	80 57	85 56	84 50	93 45	82 45	79 53	82 53	86 57	88.6 63.4			
OKAY	MAX MIN	92 73	94 72	91 69	95 67	98 62	95 69	92 66	92 73	91 73	92 75	93 75	95 73	96 75	96 76	90 73	84 69	92 67	91 67	91 67	87 62	85 61	92 45	87 45	87 45	87 58	81 61	87 68	90.8 69.0				
OZARK	MAX MIN	95 72	91 68	90 65	93 64	96 66	90 69	92 69	94 70	93 70	86 70	95 72	97 71	98 71	93 70	77 67	87 65	91 67	92 68	88 71	82 59	92 60	81 54	84 56	83 59	86 59	86 63	88 63	89.5 65.6				
PARAGOULO	MAX MIN	93 69	82 62	82 65	92 58	97 66	96 66	91 66	95 65	93 70	92 74	90 63	94 69	95 73	97 69	84 65	88 61	90 65	86 65	86 65	77 55	82 56	90 50	88 45	81 45	83 55	83 55	87 57	89.0 63.0				
PARIS	MAX MIN	95 72	92 70	92 63	94 60	97 60	93 67	95 64	95 70	95 70	95 66	95 71	98 72	99 72	95 72	78 68	86 64	85 62	85 70	85 68	85 59	93 61	85 59	82 56	83 58	85 58	87 58	87 59	90.5 64.7				
PERRYVILLE	MAX MIN	90 70	91 72	85 62	91 64	93 68	88 66	91 65	87 65	89 65	92 68	89 76	91 78	94 78	91 76	79 68	87 65	91 67	88 67	83 67	88 68	85 66	82 58	84 58	82 58	86 58	86 58	89 59	89.7 66.2				
PINE BLUFF	MAX MIN	94 74	90 73	89 68	95 68	97 74	91 74	93 68	93 74	92 72	88 75	95 67	96 74	97 74	90 74	77 71	86 68	93 66	90 69	81 69	81 63	85 50	92 45	89 45	89 58	83 58	83 60	86 60	89.4 68.6				
PINE BLUFF CAA AIRPORT	MAX MIN	93 75	89 72	86 66	95 67	97 73	91 70	92 67	93 71	93 71	86 71	92 67	96 71	98 74	85 74	78 70	86 67	91 64	90 68	80 68	85 59	80 51	85 45	88 45	75 45	80 58	85 61	86 65	88.3 67.1				
POCAHONTAS 1	MAX MIN	91 70	09 67	80 63	90 59	96 61	87 66	90 59	94 66	91 69	88 66	92 69	94 74	95 69	80 64	88 60	91 65	88 65	90 65	88 56	88 50	88 45	80 45	80 45	88 57	88 57	80 58	83 58	85 58	88.2 63.6			
PORTLAND	MAX MIN	90 67	90 72	88 68	90 68	92 71	92 74	91 71	90 71	90 79	91 71	91 71	88 72	89 72	96 76	84 74	78 70	80 67	88 72	90 68	84 68	79 64	83 56	83 56	88 50	88 50	80 60	86 61	86.7 69.0				
PRESCOTT	MAX MIN	85 69	83 60	85 60	88 60	91 66	88 67	88 64	89 70	90 70	90 74	84 63	91 66	91 71	88 71	78 65	83 64	86 62	90 69	83 66	82 60	82 56	85 49	80 45	73 45	76 55	82 55	85 55	85 55	84.4 62.7			
RUSSELLVILLE	MAX MIN	94 75	89 69	88 63	92 61	94 66	89 67	91 69	95 70	93 69	95 73	90 65	95 71	97 69	98 72	78 69	85 65	91 67	86 67	87 67	80 60	85 52	81 45	81 45	82 57	85 57	88 61	88 61	89.2 65.9				
SAINT CHARLES	MAX MIN	92 74	94 70	87 65	86 68	94 72	91 71	88 67	92 73	93 73	92 74	92 69	81 66	93 75	94 78	90 71	75 68	86 66	91 66	89 66	89 61	81 50	84 45	89 45	86 58	87 58	85 60	86 61	87.7 67.8				
SEARCY</																																	

DAILY TEMPERATURES

ARKANSAS
JUNE 1958

Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
STUTT GART 9 ESE	MAX	92	92	86	85	93	95	85	92	93	91	91	81	92	94	95	88	78	84	90	88	87	80	79	82	88	84	74	80	84	84	86.9	
	MIN	72	70	67	73	73	67	72	73	73	70	67	75	73	79	72	70	67	71	70	71	64	63	63	69	56	57	62	62	64	68.3		
SUBIACO	MAX	94	90	89	93	95	92	93	94	94	96	85	96	97	97	92	77	85	90	89	86	78	80	84	92	90	80	82	85	86	89	89.0	
	MIN	73	67	61	60	66	68	66	69	74	70	65	70	73	68	70	66	61	66	66	68	65	58	62	59	59	53	54	56	59	61	64.4	
TEXARKANA WB AIRPORT	MAX	91	94	91	93	96	94	92	91	91	91	92	92	94	95	90	87	83	90	91	87	81	83	86	90	90	79	82	83	86	88	89.1	
	MIN	71	74	70	68	73	69	67	74	73	74	75	75	74	76	74	71	70	70	70	69	67	65	68	71	58	62	60	65	71	69.8		
TURNPIKE	MAX	86	80	84	84	82	83	86	90	79	87	74	80	82	87	86	71	74	83	81	75	75	73	71	76	75	66	74	75	78	79.2		
	MIN	66	61	57	62	71	55	63	68	69	68	60	62	71	71	70	61	59	67	65	66	55	54	57	64	51	47	57	57	53	58	61.5	
WALORON	MAX	93	92	90	94	95	94	93	92	92	91	90	95	97	97	96	77	86	92	89	88	86	81	84	93	89	78	82	85	87	90	89.6	
	MIN	70	68	65	62	67	67	66	70	70	72	70	70	73	66	71	68	67	65	69	69	60	59	58	70	57	52	54	55	59	65.1		
WALNUT RIDGE CAA AIRPORT	MAX	91	83	84	91	97	83	91	93	92	93	85	93	95	95	89	75	87	91	83	88	73	76	80	90	81	79	82	84	86	88	86.6	
	MIN	74	64	64	60	66	67	61	71	74	75	66	75	76	72	73	67	63	68	68	70	64	57	61	61	56	54	58	60	61	63	65.6	
WARREN	MAX	93	93	91	94	96	93	93	93	93	92	90	96	97	97	90	83	85	90	91	88	83	82	86	92	89	86	83	85	87	89	90.0	
	MIN	72	74	68	68	75	72	68	72	71	70	72	72	72	72	78	71	70	67	68	72	70	64	60	61	73	56	57	56	57	63	68.0	
WHITE ROCK	MAX	85	84	81	80	89	83	83	85	85	87	78	87	89	90	85	71	80	85	85	81	76	73	78	85	78	72	76	78	79	82	81.6	
	MIN	69	62	59	62	70	61	64	69	67	68	62	67	69	71	67	64	62	65	66	67	61	56	59	62	55	49	57	56	60	62	63.0	
WILSON	MAX	94	84	83	94	99	89	92	97	93	92	90	95	98	100	95	82	89	94	90	84	79	83	91	87	76	84	86	88	90	89.6		
	MIN	72	66	65	61	71	70	61	70	73	73	71	68	74	72	74	67	63	72	70	70	67	57	59	59	57	53	56	57	59	65	66.3	
WYNNE	MAX	91	85	84	92	95	89	94	95	91	92	89	93	94	96	96	77	84	91	88	86	81	77	81	89	85	79	81	84	85	88	87.7	
	MIN	65	60	61	62	64	69	64	60	74	72	66	74	73	68	70	66	64	65	69	70	67	59	56	57	72	53	54	55	57	62	64.3	

EVAPORATION AND WIND

Station		Day of month																															Total to Av.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Blakely Mountain Dam	EVAP	.24	.22	.22	.21	.24	.23	.09	.17	.29	.30	.28	.12	.33	.34	.27	.03	.08	.14	.16	.14	.13	.05	.24	.22	.24	-	.10	.28	.26	.21	6.03B	
	WIND	43	23	21	16	16	20	22	18	38	49	50	31	41	37	24	15	26	11	16	18	3	32	23	23	31	36	26	25	24	21	779	
Bope 3 NE	EVAP	.31	.24	.27	-	.20	.27	.44	.21	.26	.32	.28	.23	.33	.28	.24	-	-	.08	.32	.29	.26	-	.19	.24	.23	-	.12	.24	.22	.21	7.54B	
	WIND	58	26	17	9	6	22	22	13	52	69	60	38	44	30	28	30	29	24	17	25	18	29	25	22	36	64	32	20	1	889		
Mountain Bome C. of Eng.	EVAP	.31	.27	.23	.23	.24	.28	.09	.19	.24	.33	.39	.26	.18	.33	.28	.16	.07	.15	.27	.15	.17	.15	.12	.22	.27	.19	.23	.24	.24	.26	6.74	
	WIND	74	29	31	18	11	27	19	18	75	20	60	14	47	45	25	25	14	8	18	18	17	18	10	20	51	23	28	20	19	30	832	
Narrows Dam	EVAP	.22	.22	.24	.24	.24	.41	.22	.24	.34	.31	.20	.22	.36	.37	.24	-	.11	.15	.37	.17	.08	-	.23	.26	-	.19	.22	.18	.22	7.21B		
	WIND	51	29	24	19	19	37	31	17	50	62	54	36	49	40	27	25	24	16	27	25	15	25	-	12	16	47	48	26	22	32	931	
Nimrod Dam	EVAP	.27	.17	.26	.23	.25	.23	.16	.20	.29	.30	.33	.06	.31	.35	.28	.17	.02	.20	.25	.22	.04	-	.21	.21	.20	-	.24	.22	.22	6.54B		
	WIND	24	9	23	9	22	11	15	10	27	28	18	9	38	16	13	5	8	8	12	8	4	12	9	11	15	12	9	9	10	11	415	
Russellville	EVAP	.45	.25	.36	.30	.28	.32	.22	.33	-	.49	.32	.31	.37	.43	-	*	.35	.28	*	.54	.14	.15	.25	.25	.24	.20	.28	.25	.25	.34	8.52B	
	WIND	18	19	40	16	10	24	16	20	23	30	23	25	19	14	6	12	17	13	*	35	15	19	15	9	24	25	14	18	19	23	561	
Stuttgart 9 ESE	EVAP	.30	.29	.23	.19	.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.08	.10	.04	.17	.21	.26	-	.11	.20	.20	.24	-	
	WIND	110	62	26	9	1	3	15	5	97	52	209	98	22	36	62	73	7	1	9	20	15	35	15	15	61	47	15	12	13	29	1174	

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1957-1958

ARKANSAS

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	NORMAL JULY-JUNE	
ALUM FORK	0	0	0	184	418	509	744	727	604	151	29	0	3366		
ARKAOELPHIA	0	0	1	152	374	447	706	629	476	104	20	0	2909		
ASHOOWN	0	0	2	147	385	439	683	620	431	113	12	0	2832		
BALD KNOB	0	0	5	223	464	551	837	813	639	163	47	0	3742		
BATESVILLE LIVESTOCK	AM	0	0	14	238	516	634	913	898	716	205	67	3	4204	
BATESVILLE L ANO O NO 1	0	0	8	235	480	567	865	838	670	169	44	0	3876		
BENTON	0	0	8	225	403	505	785	736	588	163	29	0	3442		
BENTONVILLE	0	0	50	285	577	647	904	896	787	240	54	4	4444		
BLAKELY MOUNTAIN OAM	AM	0	0	11	187	414	570	776	723	584	163	48	0	3476	
BLYTEVILLE	0	0	16	227	462	559	880	903	643	168	46	0			
BOONEVILLE	0	0	9	185	463	519	772	706	584	131	22	0	3391		
BRINKLEY	0	0	0	0	0	0	0	830	595	169	40	0	0		
CAMOEN 1	AM	0	0	2	177	350	474	712	655	497	132	28	0	3027	
CAMP CHAFFEE	AM	0	0	13	207	455	614	846	784	625	168	45	0	3757	
CLARKSVILLE	0	0	10	198	452	544	804	819	614	145	29	0			
CONWAY	0	0	7	195	414	516	784	739	593	140	36	0	3424		
CORNING	0	0	24	243	486	586	892	903	664	174	52	0	4024		
CROSSETT 7 S	0	0	1	148	319	407	670	643	432	105	13	0	2738		
CUMMINS FARM	0	0	0	160	360	435	716	707	516	132	20	0	0		
DARDANELLE	0	0	2	187	427	508	765	703	575	107	29	0	3303		
OE QUEEN	AM	0	0	3	157	432	452	694	633	456	118	13	0	2958	
OES ARC	0	0	5	197	389	529	825	812	617	163	48	0	3585		
DEVILS KNOB	0	0	39	289	597	633	893	912	818	257	82	8	4528		
OUMAS 3 S	0	0	0	0	171	361	430	706	519	302	19	0	3015		
EL DORADO CAA AIRPORT	0	0	1	173	354	453	690	632	450	127	14	0	2894		
EUREKA SPRINGS	0	0	38	276	554	559	853	887	802	221	61	11	4262		
FAYETTEVILLE	0	0	32	256	540	593	858	854	741	209	45	2	4130		
FAYETTEVILLE CAA AIRPORT	0	0	55	282	564	644	906	889	764	260	56	5	4425		
FAYETTEVILLE EXP STA	0	0	62	318	611	649	899	854	746	221	49	7	4416		
FLIPPIN CAA AIRPORT	0	0	35	261	554	626	883	890	743	211	72	0	4275		
FORDYCE 6 W	0	0	1	165	385	415	693	656		118	21				
FORT SMITH WB AIRPORT	0	0	3	194	462	559	809	750	614	146	27	0	3564	3188	
FT SMITH WATER PLANT	0	0	21	201	476	567	830	784	658	178	35	0	3750		
GILBERT	0	0	17	255	518	566	856	832	716	187	50	0	3997		
GRANNIS															
GRAVETTE	0	0	36	300	594	646	895	902	808	256	53	6	4496		
HARRISON	0	0	29	281	535	582	867	864	761	224	66	4	4213		
HELENA	0	0	4	155	383	473	764	760	541	124	22	0	3226		
HOPE 3 NE	AM	0	0	3	163	390	490	748	668	512	151	33	0	3158	
HOT SPRINGS 1 NNE	0	0	0	145	395	452	689	662	520	109	19	0	2991		
JONESBORO	0	0	8	185	433	532	840	862	626	140	44	0	3670		
KEO	0	0	7	203	402	481	774	735	574	138	27	0	3341		
LEAD HILL	0	0	29	279	557	636	901	879	758	231	71	1	4342		
LITTLE ROCK WB AIRPORT	0	0	0	164	378	487	753	725	562	132	26	0	3227	2982	
MAGNOLIA 3 N	0	0	5	175	365	454	693	630	457	135	17	0	2931		
MALVERN	0	0	1	173	395	489	750	674	522	125	25	0	3154		
MAMMOTH SPRING	0	0	24	266	562	627	909	910	719	216	63	2	4298		
MARIANNA 2 S	0	0	8	193	389	506	793	805	571	150	34	0	3449		
MARKED TREE	0	0	12	215	442	555	854	885	631	151	44	0	3789		
MARSHALL	0	0	48	288	545	590	877	843	737	178	67	5	4178		
MENA	0	0	10	187	433	515	732	687	577	144	19	0	3304		
MONTICELLO 3 S	0	0	1	170	382	424	671	679	478	96	18	0	2919		
MORRILTON	0	0	0	181	417	511	774	734	588	133	32	0	3370		
MOUNT IOA	0	0	14	211	485	511	765	705	574	183	32	0	3480		
MOUNT MAGAZINE	0	1	43	317	615	683	931	935	857	310		7			
MOUNTAIN HOME 1 NNW	0	0	16	216	505	580	850	871	713	191	56	1	3999		
MOUNTAIN HOME C OF ENG	AM	0	0	31	272	575	667	926	940	784	250	82	7	4534	
NARROWS OAM	AM	0	0	4	160	406	574	722	696	532	160	44	0	3298	
NASHVILLE PEACH SUBSTA	AM	0	0	3	166	423	529	755	694	535	167	31	0	3303	
NEWPORT	0	0	2	190	440	500	797	812	606	134		0			
NIMROD DAM	AM	0	0	7	206	440	595	842	772	624	185	50	0	3721	
OKAY	0	0	0	129	337	401	651	592	416	90	9	0	2625		
OZARK	0	0	3	175	429	528	775	734	596	148	26	0	3414		
PARAGUOLO	0	0	16	242	509	592	908	911	691	176	47	0	4092		
PARIS	0	0	7	186	440	516	785	715	580	130	25	0	3384		
PERRYVILLE	0	0	0	151	409	510	768	701	569			0			
PINE BLUFF	0	0	0	157	351	417	690	675	500	103	21	0	2914		
PINE BLUFF CAA AIRPORT	0	0	0	177	373	468	741	714	540	133	23	0	3169		
POCAHONTAS 1	0	0	12	208	500	601	888	934	664	170	69	0	4046		
PORTLAND	AM	0	0	1	186	322	482	744	685	488	131	23	0	3062	
PRESCOTT	AM	0	0	6	195	391	505	773	684	528	158	38			
ROGERS	0	0	28	236	548	606	857	828	780	214	48	6	4151		
RUSSELLVILLE	0	0	2	185	435	514	785	720	583	108	26	0	3358		
SAINT CHARLES	AM	0	0	1	174	360	486	776	749	560	123	29	0	3258	
SEARCY	0	0	2	184	419	511	788	764	595	141	38	0	3442		
SHERIDAN TOWER	0	0	2	170	374	485				116	18	0			
SILOAM SPRINGS	0	0	43	265	546	588	872	860	772	236	52	13	4247		
STUTT GART	0	0	1	161	364	445	736	705	530	112	20	0	3074		
STUTT GART 9 ESE	AM	0	0	5	200	385	531	813	774	590	154	40	0	3452	
SUBIACO	0	0	8	192	442	520	805	726	600	150	28	0	3471		
TEXARKANA WB AIRPORT	0	0	0	132	348	417	660	609	449	121	13	0	2749	2362	
TURNPIKE	0	0	0	0	0	0	898	909	765	331	101	13	0		
WALDRON	0	0	11	197	428	518	770	685	575	146	22	0	3352		
WALNUT RIDGE CAA AIRPORT	0	0	11	229	496	585	873	909	676	187	55	0	4021		
WARREN	0	0	0	153	346	436	675	652	452	99	17	0	2830		
WHITE ROCK	0	0	26	291	573	629	884	916	796	250	73	4	4442		
WILSON	0	0	11	211	462	527	860	865	641	176	34	0	0		
WYNNE	0	0	11	208	460	499	835	831	633	170	43	0	3690		

CLIMATOLOGICAL DATA

ARKANSAS
DELAYED DATA

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.							Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										92° or Above	82° or Above	72° or Above	62° or Above	52° or Above										
JANUARY 1958 WEST CENTRAL DIVISION TURNPIKE	44.4M	27.3M	35.9M					898	0	1	25	0	1.73		1.20	20	.0	0		4	1	1		
MAY 1958 DARDANELLE	80.4M	60.2	70.3M	- 0.3		45	7+	29	0	0	0	0	7.71	2.32	3.18	9	.0	0		7	4	3		

DAILY PRECIPITATION

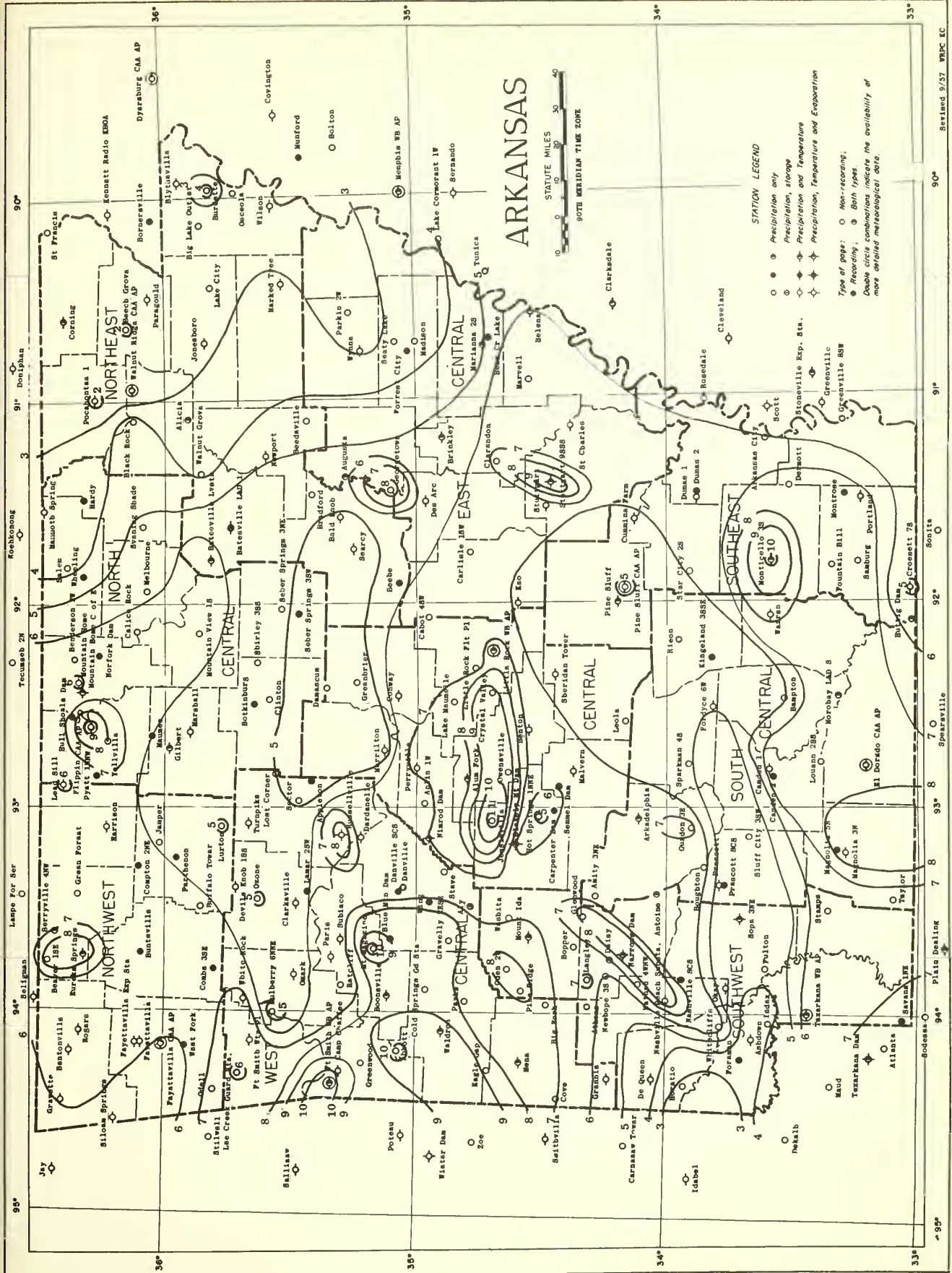
Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
JANUARY 1958 TURNPIKE	1.73											.27	.16							1.20	.10											
MAY 1958 DARDANELLE	7.71	.32	1.03	1.67		.85		7	3.18	.46	7								.20													

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JANUARY 1958 TURNPIKE	MAX MIN	32 15	40 24	47 31	44 20	42 26	40 32	38 15	40 15	55 28	55 34	55 41	55 38	47 37	50 37	45 30	48 26	45 30	41 26	44 24	40 33	38 22	39 39	45 24	47 47		48 31	26 26	22 22				44.4 27.3
MAY 1958 DARDANELLE	MAX MIN	64 49	74 60	75 64	76 61	65 60	74 45	73 45	70 56	64 56	71 58	80 54	84 56	65 60	86 58	85 65	85 66	86 61	85 64	87 65	82 53	85 57	87 62	88 61	89 65	88 67	85 68	84 67	88 68	84 61	82 66	67	80.4 60.2

TOTAL PRECIPITATION

JUNE 1958

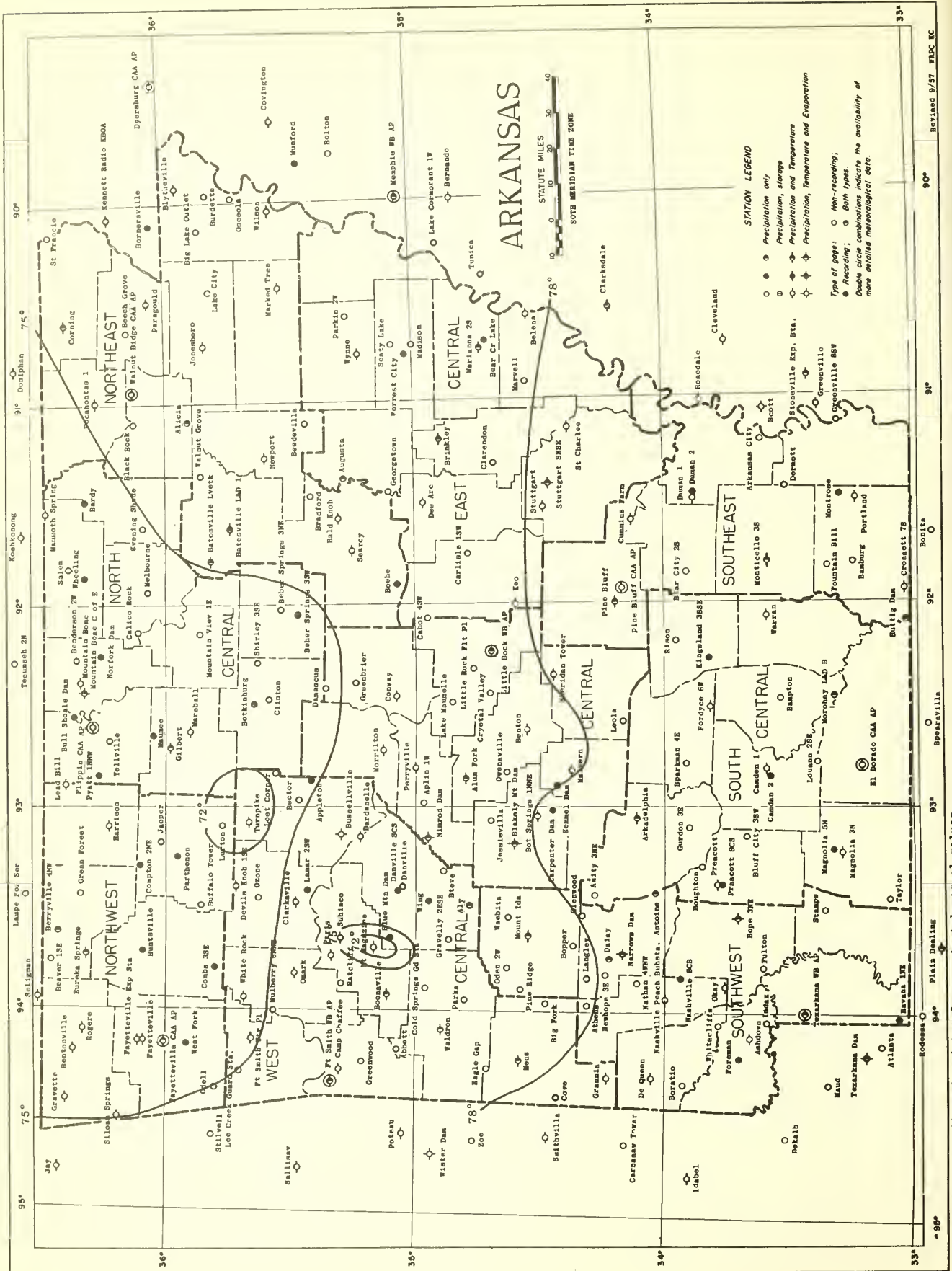


Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

Revised 9/57 WPC EC

AVERAGE TEMPERATURE

JUNE 1958



STATION LEGEND

- Precipitation only
- Precipitation, storage
- Precipitation and Temperature
- Precipitation, Temperature and Evaporation

Type of page: ○ Non-recording;
 ○ Recording;
 ○ Both types
 Double circle combinations indicate the availability of more detailed meteorological data.

Isolines are drawn through points of approximately equal values.

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA Stations. For those stations snow on ground values are at 0600 C.S.T.

In the Station Index the letters C, B, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes and are published later in "Hourly Precipitation Data" Bulletin.
- B "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

Other Reference Notes

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Daily Precipitation" Table, "Evaporation and Wind" Table, "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW and the MONTHLY CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

USCOMM-WB-Asheville -- 8-4-58 -- 925

CORRECTIONS

- January 1958: Sheridan Tower, Climatological Data Table, delete all temperature data.
- Sheridan Tower, Daily Temperature Table, delete all temperature data.

6.18/5:

U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

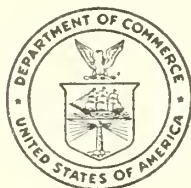


CLIMATOLOGICAL DATA

ARKANSAS

JULY 1958

Volume LXIII No. 7



SUPPLEMENTAL DATA

ARKANSAS
JULY 1958

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation					Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	MIDNIGHT	6:00A CST	NOON CST	6:00P CST	Trace	01-09	10-49	50-99	100-199			200 and over
FORT SMITH WB AIRPORT	NE	17	8.9	36	W	12	88	94	62	63	2	3	4	2	1	13	64	5.8
LITTLE ROCK WB AIRPORT	SSW	21	8.8	26	NW	29	87	91	64	65	2	4	6	1	0	14	57	6.1
TEXARKANA WB AIRPORT	SSW	27	8.6	-	-	-	-	93	-	-	2	3	1	1	0	8	-	-

CLIMATOLOGICAL DATA

Station	Temperature														Precipitation										
	Average Maximum	Average Minimum	Average	Deposits From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet		No. of Days					
										10° or Above	32° or Below	32° or Below	0° or Below					Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More		
																							No. of Days		
NORTHWEST DIVISION																									
BENTONVILLE	87.3	66.3	76.8		94	29	56	8	0	12	0	0	0	10.08		1.82	28	0	0	10	7	4			
EUREKA SPRINGS	85.6	66.1	75.9	- 4.1	92	20+	56	8	0	9	0	0	0	8.99	5.73	2.62	25	0	0	9	6	3			
FAYETTEVILLE	87.4	68.1	77.8		93	30+	59	12	0	12	0	0	0	13.44		4.54	12	0	0	13	6	4			
FAYETTEVILLE CAA AIRPORT	86.1	67.4	76.8		92	29+	60	12	0	7	0	0	0	11.91		2.35	12	0	0	11	8	4			
FAYETTEVILLE EXP STA	86.5	68.0	77.3	- 2.2	91	24+	60	12	0	9	0	0	0	12.32	9.52	3.11	12	0	0	13	7	5			
GRAVETTE	87.0M	66.0M	76.5M	- 3.5	93	24	55	8	0	0	0	0	0	9.81	7.15	3.77	12	0	0	10	6	3			
HARRISON	88.8	66.8	77.8	- 2.0	95	29+	60	9	0	16	0	0	0	6.73		1.32	7	0	0	10	3	9			
LEAO HILL	89.3	66.6	78.0	- 2.2	98	20+	62	23+	0	17	0	0	0	10.15		2.38	12	0	0	10	6	4			
ROGERS	85.6	67.2	76.4	- 2.9	92	19	58	8	0	7	0	0	0	9.17	5.52	2.01	28	0	0	10	7	4			
SILGAM SPRINGS	86.0	66.6	76.3		93	24	57	8	0	9	0	0	0	7.85		4.00	12	0	0	8	3	2			
			77.0	- 2.5											10.05	6.90	0	0	8	3	2				
NORTH CENTRAL DIVISION																									
FLIPPIN CAA AIRPORT	88.6	68.0	78.3		96	18	62	23	0	15	0	0	0	4.48		1.71	31	0	0	11	1	1			
GILBERT	89.7	66.3	78.0		97	20+	57	1	0	17	0	0	0	5.01		.81	21	0	0	10	6	0			
MAMMOTH SPRING	89.8	66.2	78.0	- 1.6	97	20	59	1	0	17	0	0	0	8.60		2.70	22	0	0	11	5	2			
MARSHALL	87.5	67.5	77.5		95	18	60	9+	0	13	0	0	0	6.50		2.17	7	0	0	9	6	2			
MOUNTAIN HOME 1 NNW	87.0	67.6	77.3	- 2.7	94	20	61	24+	0	7	0	0	0	5.85	2.96	1.18	8	0	0	11	4	1			
MOUNTAIN HOME C OF ENG AM	87.6	67.2	77.4		96	28	57	24	0	11	0	0	0	5.09		.85	8	0	0	12	4	0			
			77.8	- 2.0											5.92	2.71	0	0	12	4	0				
DIVISION																									
NORTHEAST DIVISION																									
BALD KNOB	89.5	68.4	79.0		95	20	58	1	0	16	0	0	0	6.67		1.74	7	0	0	10	4	2			
BATESVILLE LIVESTOCK AM	89.3	67.5	78.4		97	19	58	1	0	15	0	0	0	4.56		1.22	7	0	0	7	5	2			
BATESVILLE L AND O NO 1	90.2	68.9	79.6		97	18	59	1	0	19	0	0	0	5.50	1.79	1.52	5	0	0	8	4	2			
BLYTHEVILLE	89.5	71.7	80.6	- 1.0	97	20	65	1	0	18	0	0	0	6.06	2.33	2.31	8	0	0	7	4	2			
CORNING	90.7	70.4	80.6	- 0.7	97	20+	64	12+	0	19	0	0	0	9.56	5.52	2.30	25	0	0	9	7	4			
JONESBORO	91.4	71.4	81.4	- 0.1	97	20+	64	12	0	22	0	0	0	7.73	4.46	1.91	7	0	0	8	6	4			
MARKEO TREE	90.0	71.7	80.9	- 0.1	97	19	64	2	0	17	0	0	0	5.35	1.49	2.40	8	0	0	6	5	1			
NEWPORT	89.0	71.1	80.1	- 2.0	95	19+	65	3+	0	15	0	0	0	6.03	2.60		0	0	0	9	7	2			
PARAGOULO	89.3	68.9	79.1		95	4+	58	1	0	15	0	0	0	7.47		1.42	12	0	0	9	7	2			
POCAHONTAS 1	90.1	69.1	79.6	- 1.4	96	20+	59	1	0	20	0	0	0	9.11	5.76	2.00	12	0	0	9	7	0			
SEARCY	91.3	69.9	80.6	- 1.3	98	19+	63	1	0	23	0	0	0	5.54	2.14	.99	30	0	0	11	5	0			
WALNUT RIDGE CAA AIRPORT	88.9	71.6	80.3		96	18	64	12+	0	13	0	0	0	10.63		2.80	7	0	0	7	6	4			
WILSON	90.9	70.8	80.9		98	20	64	12	0	20	0	0	0	5.86		2.25	7	0	0	7	4	2			
			80.0	- 1.2											7.02	3.47	0	0	7	4	2				
WEST CENTRAL DIVISION																									
BOONEVILLE	92.2	69.5	80.9	- 1.7	98	24	63	12	0	26	0	0	0	5.52	2.61	1.92	12	0	0	10	3	2			
CAMP CHAFFEE AM	90.8	70.5	80.7		96	19+	64	12	0	23	0	0	0	7.67		1.63	21	0	0	10	5	3			
CLARKSVILLE	91.0	69.0	80.0		97	17	65	23+	0	20	0	0	0	6.82		1.56	4	0	0	10	4	4			
DARDANELLE	89.6	72.2	80.9	- 2.0	95	30+	67	8+	0	18	0	0	0	3.22	-.47	1.06	30	0	0	6	3	1			
DEVILS KNOB	83.4M	67.1M	75.3M		90	20	60	25+	0	1	0	0	0					0	0						
FORT SMITH WB AIRPORT R//	92.2	71.5	81.9	- 0.4	98	30	63	12	0	25	0	0	0	5.69	3.13	2.19	12	0	0	8	4	2			
FT SMITH WATER PLANT	88.3	66.7	77.5		93	30+	61	8	0	13	0	0	0	13.58		2.75	12+	0	0	10	7	4			
MENA	90.7	70.6	80.7	0.0	98	18	65	22+	0	22	0	0	0	3.47	-.71	.96	13	0	0	7	4	0			
MOUNT MAGAZINE	81.5	65.9	73.7		88	29	60	13+	0	0	0	0	0	5.86		1.25	12	0	0	9	5	3			
OZARK	90.3	70.7	80.5	- 1.9	95	29+	65	8	0	18	0	0	0	8.79	5.69	2.89	25	0	0	12	5	3			
PARIS	92.2	70.3	81.3		99	19	64	1	0	23	0	0	0	6.76		2.35	25	0	0	10	5	2			
RUSSELLVILLE	91.4	71.5	81.5		97	18	64	1	0	22	0	0	0	5.18		1.73	13	0	0	8	4	2			
SUBIACO	91.5	69.1	80.3	- 2.7	98	20+	65	8	0	19	0	0	0	7.39	4.13	2.48	25	0	0	10	5	3			
TURNPIKE														8.49		1.81	21	0	0	9	8	3			
MALORON	92.7	69.8	81.3		98	29+	63	1	0	26	0	0	0	5.22				0	0						
WHITE ROCK	83.5	66.6	75.1		89	30+	60	8	0	0	0	0	0	12.84		2.52	21	0	0	12	9	6			
			79.4	- 1.5											7.10	3.47	0	0	12	9	6				
DIVISION																									
CENTRAL DIVISION																									
ALUM FORK	90.3	69.6	80.0		96	18	63	1	0	20	0	0	0	3.57		.98	25	0	0	9	3	0			
BENTON	90.6	67.0M	78.8M		95	30+			0	20	0	0	0	2.61		.95	30	0	0	6	2	0			
BLAKELY MOUNTAIN OAM AM	91.4	68.4	79.9		97	19	63	3+	0	23	0	0	0	6.66		1.68	5	0	0	8	6	3			
CONWAY	90.6	70.5	80.6	- 2.1	96	29+	62	1	0	20	0	0	0	6.15		1.66	8	0	0	8	5	2			
HOT SPRINGS 1 NNE	92.3	72.5	82.4	- 0.6	100	18	67	12+	0	26	0	0	0	3.36	-.75	.75	26	0	0	10	2	0			
LITTLE ROCK WB AIRPORT R//	90.7	73.0	81.9	0.0	97	18	67	8	0	20	0	0	0	3.58	.48	1.10	6	0	0	8	2	1			
MALVERN	91.2	68.3	79.8		96	29+	61	2	0	22	0	0	0	3.61		1.00	5	0	0	8	3	1			
MORRILTON	91.2	70.7	81.0	- 1.2	98	29+	64	1	0	22	0	0	0	4.36	1.46	1.64	5	0	0	7	3	1			
NIMROO OAM AM	91.1	68.7	79.9		97	21+	60	1	0	21	0	0	0	5.73		1.15	13	0	0	9	5	2			
PERRYVILLE	91.3	69.9	80.6	- 0.2	99	20	63	3	0																

CLIMATOLOGICAL DATA

ARKANSAS
JULY 1958

CONTINUED

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No of Days		
										Max		Min						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
										90° or Above	32° or Below	32° or Below	9° or Below										
EAST CENTRAL DIVISION																							
BRINKLEY	90.2	69.3	79.8	- 1.7	96	20	60	2	0	20	0	0	0	5.07	1.34	1.24	12	.0	0		9	3	2
DES ARC	91.4	71.5	81.5		97	20	65	1	0	22	0	0	0	5.23		1.28	24	.0	0		11	4	2
HELENA	90.7	72.4	81.6	0.1	96	29	65	12	0	21	0	0	0	6.50	2.64	2.65	12	.0	0		11	4	1
KEO	90.6	70.9	80.8		98	18	65	24	0	18	0	0	0	5.21		1.60	5	.0	0		10	4	2
MARIANNA 2 S	90.3	70.9	80.6	- 0.5	95	20+	64	12	0	20	0	0	0	7.55	3.99	2.77	12	.0	0		10	4	2
SAINT CHARLES	90.5	72.1	81.3		96	19	66	1	0	20	0	0	0	9.11		4.00	12	.0	0		7	5	4
STUTTGART	92.2	73.1	82.7	0.4	97	20+	66	1	0	27	0	0	0	2.22	- 2.04	.55	22	.0	0		6	2	0
STUTTGART 9 ESE	89.5	72.5	81.0		95	21+	64	1	0	16	0	0	0	2.92		.83	26	.0	0		7	1	0
WYNNE	90.0	70.5	80.3		95	19+	63	13	0	18	0	0	0	11.37		6.02	8	.0	0		7	7	3
DIVISION			81.1	- 0.4										6.13	2.36			.0					
SOUTHWEST DIVISION																							
ASHDOWN	93.5	72.1	82.8		99	29	65	8	0	27	0	0	0	2.92		1.46	21	.0	0		7	1	1
DE QUEEN	93.5	69.4	81.5		98	30+	63	5	0	26	0	0	0	4.65		1.60	13	.0	0		6	3	2
DIERKS																							
HOPE 3 NE	91.2	72.5	81.9	- 0.2	97	30	67	1	0	22	0	0	0	3.04	- 1.53	1.04	13	.0	0		5	3	1
MOUNT IDA	90.9	67.6	79.3	- 0.9	97	29	60	1	0	22	0	0	0	3.39	- 1.04	1.00	13	.0	0		8	3	1
NARROWS DAM	91.5	68.7	80.1		97	30	62	1	0	23	0	0	0	6.93		2.45	21	.0	0		5	3	3
NASHVILLE PEACH SUBSTA	90.0	70.2	80.1		95	31+	66	13+	0	18	0	0	0	4.42		1.87	21	.0	0		7	2	2
OKAY	93.4	73.3	83.4	0.8	99	29	68	12	0	28	0	0	0	2.97	- 1.12	1.40	12	.0	0		5	2	2
TEXARKANA WB AIRPORT	R// 91.6	73.7	82.7	- 0.2	97	29	69	8	0	25	0	0	0	2.29	- 1.65	1.17	21	.0	0		3	2	1
DIVISION			81.5	0.0										3.83	- .36			.0					
SOUTH CENTRAL DIVISION																							
ARKADELPHIA	90.6	72.1	81.4		97	29	65	1	0	20	0	0	0	3.35	- .53	1.55	21	.0	0		4	3	1
CAMDEN 1	92.3	72.4	82.4	0.0	97	30+	59	1	0	25	0	0	0	4.67	.03	2.85	21	.0	0		4	3	1
EL DORADO CAA AIRPORT	91.2	73.0	82.1	- 0.8	95	26+	66	1	0	23	0	0	0	2.67	- 1.81	.82	7	.0	0		6	2	0
FORDYCE 6 W	92.3	72.4	82.4		96	30+	66	1	0	27	0	0	0	2.53		.75	22	.0	0		5	2	0
MAGNOLIA 3 N	94.5	70.9	82.7	0.0	99	29+	65	1	0	30	0	0	0	2.68	- 1.60	.93	13	.0	0		5	2	0
PRESCOTT	92.9	71.7	82.3	- 0.9	99	30	64	1	0	25	0	0	0	3.83	- .92	1.44	13	.0	0		5	4	1
WARREN	93.1	72.2	82.7	- 0.2	99	29	65	1	0	28	0	0	0	3.61		2.14	7	.0	0		8	1	1
DIVISION			82.3	- 0.2										3.33	- .82			.0					
SOUTHEAST DIVISION																							
CROSSETT 7 S	92.0	70.8	81.4	0.0	97	29	63	1	0	26	0	0	0	4.60	- .62	1.60	7	.0	0		9	2	1
CUMMINS FARM	92.1M	71.6M	81.9M		96	18+	66	1	0	0	0	0	0	4.13		1.45	24	.0	0		7	4	1
DUMAS 3 S	91.7	71.1	81.4	- 1.8	97	29	65	1	0	24	0	0	0	8.40	3.76	2.41	24	.0	0		7	5	3
MONTICELLO 3 S	92.3	72.3	82.3		95	30+	65	12	0	27	0	0	0	5.77		2.60	24	.0	0		7	5	1
PINE BLUFF	92.5	72.9	82.7	- 0.5	99	29	67	1	0	26	0	0	0	4.60	.57	.90	24	.0	0		8	6	0
PINE BLUFF CAA AIRPORT	91.1	71.9	81.5		97	29	66	1	0	23	0	0	0	5.35		2.60	6	.0	0		7	3	2
PORTLAND	AM 89.5	71.9	80.7	- 1.1	96	30	67	1	0	17	0	0	0	3.86	- .23	.90	13	.0	0		8	3	0
DIVISION			81.7	- 0.4										5.24	.83			.0					

0 DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION MEANS.

Highest Temperature 100 on the 18 at Hot Springs 1 NNF.
 Lowest Temperature 55 on the 8 at Gravette.
 Greatest Total Precipitation 13.58 inches at Fort Smith Water Plant.
 Least Total Precipitation 1.74 inches at Fulton.
 Greatest one-day precipitation 5.58 inches on the 21 at Ozone.

DAILY PRECIPITATION

ARKANSAS
JULY 1956

Station	Total	Day of month																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
ABBOTT	4.50				1.42	T	.59						.34	1.13								.34										.58	.10	T	.
ALICIA	8.59				.71	1.00		2.63	2.18	T			.13									.90	.05				.99	T						.	
ALUM FORK	3.57				.35		.25					.12	.18	.67								.30	T				.98	T			.55	.10		.	
ALY	8.30				1.00	.25		.50	.51				1.25	.67								.11	1.02				2.99						.		
AMITY 3 NE	5.61				1.48	T		.43	.21	.04				1.40								1.51	T		.01		.10				.43		.		
ANTOINE																																		.	
ARLIN 1 W	4.75				.62		.42	.35						1.70								.16	.03			.21		.34				.90	.		
ARKADELPHIA	3.35				.05		.65							.87								1.55											.		
ARKANSAS CITY	9.66				.20		.26	.70	3.02					1.64								.44	T		1.13		.09			.07			2.11	.	
ASHDOWN	2.92				.40	.43		.16					.15	.16								1.46	T		.16								.		
ATHENS	4.79				.45		.30	.50	.02	T				2.30								.76	.03	.05	T					.12	.26	.			
AUGUSTA	4.21				.93		.32	.31					.12	.41	T							.50	.51	T		.33	.14	.44				1.2	.		
BALO KNOB	6.67				.12	.08	1.74	.10					.49									.33	.81	.83	.38		.33	.17			1.42		.		
BATESVILLE LIVESTOCK	4.56				.52	.10	1.22	.61					.07	T								.72	.10			1.21		.01					.		
BATESVILLE L AND O NO 1	5.50				1.52	.48	1.15	.34	.04				.08	.25								.27	.61	T		.68	.08			T			.		
BEATY LAKE	6.69				.60	.40	.60	1.60		T	T	1.10										T	T	.70	.20	.40	1.00		T	.09			.		
BEAVER 1 SE	9.95				.78	.08	1.66	.75			.20	.12										1.60	.01			2.77	.11	1.29	.02		.50		.		
BEECH GROVE	7.72				.60	.70	.42	1.45		.18		1.15		1.49								1.79	.62			.81						.23	.		
BEOEVILLE	5.30				.24	.92	.52															.28		.05		1.90	.51					.95	.		
BENTON	2.61				.40	.32	.10																											.	
BENTONVILLE	10.08				.66	.06	1.51	.42				.57	1.66	.02								.98			.02	1.52	.30	1.82	.02		.46	.			
BERRYVILLE 4 NW	11.27				.56	1.60	1.79	.38			.19	.08										3.90	.04		1.27					.72		.72	.		
BIG FORK	7.22				.85		2.85	.92				.91		.60								.76				.89	.17			.23		.			
BIG LAKE OUTLET	10.96				4.09	1.08	.77	1.80	.03				.07	.08								.33	.03	.63	T	.89	.17			.19		.			
BLACK ROCK	6.64				.90	.32	.84	.48	.06				1.42	.08	T							.97	.25	T	1.32	T						.			
BLAKELY MOUNTAIN OAM	6.66				1.68	T	.77	.09						.77								.50	.01	T		.13	1.22			1.33		.			
BLUFF CITY 3 SW	4.37				.15	.12	.02	.29	.23					.35	.31							.37	1.80							.73		.			
BLYTHEVILLE	6.06				.07	.72	1.15	2.31	.03	T			.71	.05								.30	.07	.17		.44	.04					.			
BONEVILLE	5.52				1.55	T	.24	.10					1.92	.25								.50	.20		.35	.17	.03			.05	.16		.		
BOUGHTON	2.50						.83	.12					.53							.26		.55	.21										.		
BRADFORD	8.50					.24	2.49	1.65					.05	.98								1.07			.73	.38	.32	.35	.13	.32		.49	.		
BRINKLEY	5.07				.01	.02	.34	.94	T				1.24	.02								.02		.38	.01	.14	.21			1.08	.28		.		
BUFFALO TOWER	9.57				.80		1.17	.22				.32	T	.59								.17	.07	1.21	.60	T	1.90		.51	.11	.03	.27	.		
BURDETTE	7.43				1.11	1.61	1.14					.05	.81	.10								.19	.18	1.31	.03	.79		.11					.		
CABOT 4 SW	2.19				.10		.61	T					.54									.19		.07	.48	.20							.		
CALICO ROCK	2.89				.10		.84	.15	.62				.17									.22	T			.63	.01	.03	T	T	.10	T	.		
CAMDEN 1	4.67				.05		.92	.19					.66									2.85								.25	.39		.		
CAMP CHAFFEE	7.67				.87	.02	.88	.02				1.60	1.20									1.63	.11	T	.05	T	.44	.25	.39	.21		.			
CARLISLE 1 SW	3.10				.43	.20	.08					.03	.20											.26	.10								.		
CLARENDON	5.82				.03	2.20	.18	T				.58												.14	.28	.14	.30	.95	T	.02		.			
CLARKSVILLE	6.82				1.56	.06	.03	.17	.11		.02	.10	.08	1.33								1.00	.45			1.40		.15	.01		.35	.			
CLINTON	5.46				.92	.11	.50	.10					.43	.70								1.43	.70		.64				.94	.12		.			
COLO SPRINGS GUARD STA																																	.		
CONWAY	6.15				.25	T	.81	1.66				.10	.68									.03	.21	1.55		.73	.06		.07			.			
CORNING	9.56				.94	.21	1.63	.93				.68	.22									1.29	1.30		2.30								.		
COVE	5.15				1.00								2.51									.96								.68		.			
CROSSSETT 7 S	4.60				.10	1.60	.03	.46			.38	.22	.01	.01	.09							.57	.43	.01	.30				.39		.				
CRYSTAL VALLEY 2 NE	5.89				T	1.19	.08	.20			.56	.50										T	T	.36	1.45	T	.20	.80	T	.18	T	.			
CUMMINS FARM	4.13				.80	.91	.10	.02					.63									1.85	.04	.17	.22				.20		.				
OATSY	4.94												.63																.20		.				
DAMASCUS	4.04				1.73	.02	.43	.26	T			.16	.55									.33	.25	T	.26	T	.05				.				
DANVILLE	4.41				.92	.23	.13	.21				.33	.73									.15	.18		.35	.59	.12		.12	.35		.			
DARONELLE	3.22				.63	.02	.07	.26				.08	.17									.17								1.06		.			
DE QUEEN	4.65				.49	T	.02					1.60	.30									1.22	.22			.72				1.60		.			
DESMOIT	6.13						1.19	.26					1.80										.56		.72							.			
DES ARC	5.23				.15	.76	1.05	T				.70	.10	T										.38	.04	1.28	.10	.18	.36		.13	.			
DEVILS KNOB	4.48				.13	.40						.07	.45	.35										2.80		.90	.11		.30	.10	.20		.		
DIERS																																	.		
DUMAS 3 S	8.40						.02	.47	.84				1.56	T										.58		2.41	.24	T			2.28		.		
EAGLE GAP																																	.		
EL DORADO CAA AIRPORT	2.67				.11	.06	.82		T			.71	.29									.27	.40	.01									.		
EUREKA SPRINGS	8.99				.54		1.44	.17	T			.39	.04									1.90	.07			2.62	T	.17	.89	T	.76	.			
EVENING SHADE 1 NE	4.11				.70	1.25	.31	T				.15	.05	.44									.51		1.10	T						.			
FAYETTEVILLE	13.44				.45	.79	2.05	.10				.18	4.54	.25									.95	.15		.25	.01		1.72		.28	.			
FAYETTEVILLE CAA AIRPORT	11.91				.44	.77	.95	.01				.48	2.35										.02	.04		1.32	1.40		1.98		.76	.			
FAYETTEVILLE																																			

DAILY TEMPERATURES

ARKANSAS
JULY 1958

Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ALUM FORK	MAX	90	90	92	90	85	86	82	81	86	88	89	88	89	90	91	93	95	96	95	95	94	90	87	90	92	89	94	93	93	94	93	90.3	
	MIN	63	65	66	67	69	70	69	65	66	68	72	68	68	72	74	73	71	74	72	74	70	68	69	67	67	71	73	72	72	69	75	69.6	
ARKADELPHIA	MAX	90	90	92	92	86	86	82	84	84	89	89	87	85	91	91	92	95	95	95	95	90	88	93	92	95	94	94	97	95	91	90.6		
	MIN	65	68	69	70	72	71	71	68	70	72	72	74	68	74	74	74	74	74	74	70	73	75	71	75	73	74	76	74	76	71	75	72.1	
ASHOOWN	MAX	91	92	94	93	90	85	82	88	89	93	94	92	92	94	95	96	98	95	96	98	95	91	93	96	95	96	95	96	99	98	97	93.5	
	MIN	68	68	68	70	68	71	65	72	74	73	69	68	72	76	74	75	75	75	69	67	72	71	74	76	74	78	77	76	74	76	74	72.1	
BALO KNOB	MAX	90	91	93	93	89	89	84	77	86	87	89	88	87	89	90	93	94	94	94	95	93	87	85	88	89	85	92	90	92	92	90	89.5	
	MIN	58	60	63	64	71	68	69	65	66	66	72	66	68	74	74	74	71	70	71	71	69	69	68	66	71	68	67	70	68	68	76	68.4	
BATESVILLE LIVESTOCK	MAX	88	89	91	91	91	85	88	82	73	75	88	90	89	89	90	94	93	95	97	95	95	84	89	89	91	89	89	95	88	92	95	89.3	
	MIN	58	62	66	64	68	65	68	63	61	65	71	67	65	71	73	74	68	72	72	67	67	64	63	68	68	69	72	68	68	73	67.5		
BATESVILLE L AND O NO 1	MAX	91	92	92	94	85	88	83	75	89	89	89	89	89	90	90	93	95	97	95	95	91	87	85	90	89	90	94	91	92	94	92	90.2	
	MIN	59	62	65	65	69	68	70	65	65	66	72	67	69	75	75	74	70	72	72	70	71	68	66	69	70	67	71	69	68	75	68.9		
BENTON	MAX	89	90	92	91	89	90	87	81	85	86	90	90	92	94	91	89	89	93	95	95	88	86	92	93	94	93	94	94	95	94	90.6		
	MIN	68	68	62	64	67	68	66	64	65	66	68	69	68	69	65	67	68	69	69	70	67	66	67	68	67	67	67	66	66	68	67.0		
BENTONVILLE	MAX	90	91	91	80	87	78	70	79	88	91	86	88	89	90	87	84	93	93	93	92	80	83	89	93	83	88	93	87	94	89	88	87.3	
	MIN	65	65	63	65	65	67	66	56	60	65	63	62	63	70	73	73	70	73	71	70	67	65	62	66	65	66	70	66	69	70	65	68.3	
BLAKELY MOUNTAIN OAM	MAX	88	90	93	94	93	87	88	82	81	88	90	92	90	90	91	92	93	96	97	96	95	88	92	86	93	93	95	95	94	95	91.4		
	MIN	63	63	63	64	69	70	69	66	68	67	69	67	65	69	75	70	70	69	70	70	70	69	68	67	70	68	71	72	72	66	71	68.4	
BLYTEVILLE	MAX	93	94	92	90	86	87	83	78	87	87	90	83	88	90	92	90	94	96	96	97	89	83	86	90	85	86	94	90	93	95	90	89.5	
	MIN	65	68	69	70	70	71	68	68	71	72	74	66	71	74	75	76	75	76	77	77	71	72	70	70	70	71	71	76	71	72	77	71.7	
BOONEVILLE	MAX	92	94	93	92	91	85	84	83	94	94	90	92	92	92	94	95	96	96	97	95	87	86	88	90	98	91	97	96	90	95	96	90	92.2
	MIN	67	66	65	65	66	65	69	66	69	69	71	63	65	76	75	73	71	70	71	69	69	69	67	69	70	74	73	75	74	69	75	69.5	
BRINKLEY	MAX	90	91	94	93	86	90	84	81	87	88	90	85	86	91	92	92	95	95	95	96	89	90	85	90	86	90	93	94	95	94	88	90.2	
	MIN	61	60	67	69	68	68	70	65	67	68	71	65	69	72	72	74	72	74	75	73	71	70	69	67	72	70	69	70	75	70	71	69.3	
CAMDEN 1	MAX	88	90	92	91	91	88	91	85	88	89	93	93	87	90	94	94	94	95	94	96	95	92	90	93	95	93	97	95	95	97	95	92.3	
	MIN	59	67	68	71	74	70	71	71	71	72	73	75	68	72	77	74	73	74	75	76	73	69	75	72	75	76	75	75	72	75	72	74.4	
CAMP CHAFFEE	MAX	88	90	93	92	90	84	84	79	82	90	92	90	91	92	92	94	94	96	96	94	94	88	87	90	95	90	95	94	89	95	95	90.8	
	MIN	67	66	66	69	68	72	71	67	68	70	72	64	68	70	72	75	74	73	74	72	70	68	69	71	73	74	73	72	72	71	75	70.5	
CLARKSVILLE	MAX	91	93	93	89	87	85	84	83	86	91	89	88	90	92	93	95	97	96	95	95	90	86	88	94	91	90	95	95	95	96	88	91.0	
	MIN	66	68	68	67	67	68	70	65	69	70	69	71	67	74	73	71	74	71	72	70	66	67	65	68	66	70	67	66	72	70	73	69.0	
CONWAY	MAX	90	92	93	91	87	89	82	83	88	89	89	90	87	90	91	93	94	96	95	94	91	89	86	93	91	89	94	91	96	95	91	90.6	
	MIN	62	66	67	70	69	70	70	65	66	70	69	72	67	74	75	75	73	72	74	72	71	69	68	69	71	73	73	76	72	69	76	70.5	
CORNING	MAX	94	96	97	97	90	87	80	77	90	89	89	86	89	90	91	90	96	97	96	97	90	86	89	92	85	88	94	92	95	95	89	90.7	
	MIN	64	66	67	69	69	70	66	64	67	71	75	64	72	76	76	76	71	76	75	75	70	68	70	69	68	76	70	70	71	70	72	70.4	
CROSSETT 7 S	MAX	90	93	91	92	89	91	87	90	88	89	92	90	90	93	93	93	95	94	95	95	91	89	90	93	92	95	94	94	97	95	93	92.0	
	MIN	63	65	67	67	71	68	71	72	70	72	72	70	69	72	73	71	72	72	72	73	72	69	70	69	70	75	75	74	73	70	75	70.8	
CUMMINS FARM	MAX	90	92	93	93	91	91	88	88	92	91	91	91	88	92	92	94	96	96	95	95	90	89	91	90	93	94	90	93	95	92	91.8		
	MIN	66	68	68	70	70	70	71	71	69	71	70	70	69	71	74	75	73	75	75	70	72	73	70	73	73	71	75	75	70	76	71.6		
DARDANELLE	MAX	90	92	90	88	85	85	80	80	85	88	88	86	87	90	90	93	94	94	94	95	92	87	85	93	92	89	94	93	93	95	91	89.6	
	MIN	67	70	70	70	70	70	71	67	69	71	74	72	68	75	76	77	75	75	72	71	70	71	70	71	71	76	74	73	71	75	72	72.2	
OE OUEEN	MAX	92	95	94	93	84	87	82	89	91	94	94	93	92	94	94	96	97	98	98	98	88	93	90	97	95	98	96	97	98	98	94	93.5	
	MIN	69	66	67	68	63	68	68	64	70	71	71	71	65	71	71	72	72	71	70	69	66	70	69	70	71	72	73	72	71	69	70	69.4	
OES ARC	MAX	90	91	92	94	93	88	89	85	80	88	90	92	88	88	92	93	93	96	96	97	96	90	92	88	91	90	89	94	95	96	96	91.4	
	MIN	65	67	70	71	73	69	71	67	67	71	73	67	69	73	75	76	75	75	77	70	73	70	70	69	71	73	70	74	74	74	76	71.5	
DEVILS KNOB	MAX	84	86	86	80	74	72	80	84	82	83	83	83	84	87	88	88	89	88	90	82	81	81	88	82	84	88	82	86	82	83	83.4		
	MIN	63	66	66	60	60	62	67	64	62	65	60	71	75	76	72	75	75	75	75	70	64	68	65	69	60	70	69	68	68	69	67.1		
DIERKS	MAX	90	92	93	93	89	91	83	86	88	91	92	86	89	92	92	94	95	96	95	95	91	89	91	91	92	94	94	94	97	96	91	91.7	
	MIN	65	67	68	69	69	67	70	72	69	71	72	68	72	72	73	74	73	73	73	75	70	72	71	69	72	73	71	74	73	71	76	71.1	
EL OORADO CAA AIRPORT	MAX	92	94	92	91	83	89	83	89	93	89	91	86	89	91	92	94	94</																

DAILY TEMPERATURES

ARKANSAS
JULY 1958

Continued

Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HOT SPRINGS 1 NWE	MAX MIN	91 67	93 71	93 70	94 71	89 87	87 72	80 71	85 67	90 70	94 73	92 74	91 67	90 68	92 75	92 75	94 77	97 75	100 77	97 78	97 77	91 70	91 72	87 72	95 71	91 74	95 73	95 77	93 77	95 72	95 71	92 77	92.3 72.5
JONESBORO	MAX MIN	92 65	96 72	96 69	96 73	89 70	90 69	86 69	76 65	90 69	89 72	90 74	89 64	90 74	92 75	91 75	90 76	96 76	97 77	97 72	91 71	87 69	89 69	92 69	88 72	89 70	95 72	91 75	96 73	92 75	92 72	91.4 71.4	
KEO	MAX MIN	92 65	92 65	95 67	93 70	85 71	88 70	85 70	88 66	85 68	89 71	96 71	86 73	82 69	92 74	92 73	92 73	95 74	95 74	88 70	88 74	88 70	89 71	88 68	88 70	91 73	94 72	91 72	95 74	90 73	90 74	90.6 70.9	
LEAO HILL	MAX MIN	91 65	92 63	92 63	87 65	90 65	87 67	76 62	76 63	88 62	91 66	83 68	88 67	90 65	89 71	90 71	88 70	96 70	98 68	84 70	82 69	88 66	81 64	87 66	86 71	86 67	90 66	95 65	95 69	89 68	89.3 66.6		
LITTLE ROCK WB AIRPORT	MAX MIN	92 68	91 61	94 62	93 65	85 69	88 69	82 67	81 70	86 70	90 72	90 75	88 70	92 75	93 75	93 75	96 76	97 76	96 78	96 74	89 73	85 72	90 72	90 74	91 76	91 74	95 76	94 73	95 77	95 73	89 78	90.7 73.0	
MAGNOLIA 3 N	MAX MIN	92 65	92 67	93 69	92 70	91 69	90 69	89 69	91 70	92 71	98 72	94 70	93 70	93 66	95 74	95 74	96 73	96 73	96 72	96 73	92 73	95 70	92 68	92 69	92 73	93 74	97 75	97 73	97 70	97 73	97 70	94.5 70.9	
MALVERN	MAX MIN	89 68	92 61	93 62	91 63	88 69	88 69	83 67	84 66	89 67	90 66	91 65	88 67	91 72	92 73	92 73	95 74	95 74	96 71	95 68	95 69	89 67	89 67	89 67	93 69	93 71	93 69	94 71	96 68	95 67	92 68	91.2 68.3	
MAMMOTH SPRING	MAX MIN	91 59	91 60	91 63	95 62	89 68	89 63	80 64	79 62	89 63	90 68	85 65	86 67	90 71	91 71	91 71	96 67	96 69	82 69	87 68	84 65	87 66	82 65	86 65	91 66	86 69	89 67	95 67	95 68	89 67	89.8 66.2		
MARIANNA 2 S	MAX MIN	91 66	92 67	94 69	94 70	92 70	90 70	82 71	85 70	86 70	90 69	91 72	89 64	86 72	89 73	90 73	94 75	94 74	95 75	95 74	92 71	85 70	87 69	88 71	87 70	89 72	92 74	93 72	93 71	91 75	90.3 70.9		
MARKED TREE	MAX MIN	88 65	91 64	93 69	95 70	89 70	85 70	79 67	87 70	89 70	89 70	86 65	88 72	90 75	90 75	95 75	95 75	95 77	96 72	96 72	92 72	92 70	87 70	87 75	85 70	85 70	92 70	92 75	93 70	90 76	91.0 71.7		
MARSHALL	MAX MIN	88 61	90 63	90 66	88 65	85 66	82 66	72 64	72 60	86 60	90 70	86 69	88 72	88 75	90 75	90 75	93 74	93 74	94 74	94 66	85 68	83 63	91 63	85 65	86 65	86 74	91 69	91 66	87 66	87.5 67.5			
MENA	MAX MIN	88 60	92 66	92 67	88 65	88 69	83 69	82 67	92 70	92 70	90 71	90 74	88 66	89 74	90 74	90 74	93 75	93 75	98 73	98 70	93 68	93 70	92 68	92 69	95 74	95 74	92 74	94 75	94 70	91 75	90.7 70.6		
MONTICELLO 3 S	MAX MIN	90 72	93 72	93 72	92 73	92 74	92 73	89 70	85 71	90 71	92 73	90 65	89 72	92 68	93 74	93 74	95 73	95 74	95 74	93 73	93 74	92 71	92 69	90 71	92 75	95 75	95 72	95 72	95 72	93 75	93.2 72.3		
MORRILTON	MAX MIN	90 64	92 67	92 68	91 69	87 69	87 71	85 65	83 67	88 70	90 72	90 73	88 67	92 75	92 75	92 75	95 74	95 74	98 73	96 71	96 71	93 69	85 69	90 69	89 72	92 74	89 72	92 74	89 72	89 75	91.2 70.7		
MOUNT IDA	MAX MIN	89 60	91 62	91 62	90 62	88 62	88 69	81 62	81 65	85 69	91 68	90 63	89 65	90 71	92 72	92 72	96 69	96 70	94 69	94 69	87 64	87 64	91 66	86 64	94 71	86 69	94 71	97 71	94 68	90.9 67.6			
MOUNT MAGAZINE	MAX MIN	81 62	85 66	84 63	78 62	80 63	76 63	74 64	72 60	79 60	82 67	79 66	80 62	82 67	82 67	87 67	87 70	87 71	87 70	87 66	78 65	85 68	82 67	86 72	84 71	86 72	86 70	88 71	85 68	81 68	81.5 65.9		
MOUNTAIN HOME 1 NNW	MAX MIN	87 63	89 67	89 68	88 67	85 68	85 68	79 64	86 61	85 64	89 68	88 65	85 66	87 68	87 73	92 72	92 71	92 74	92 74	92 68	82 65	86 61	84 68	84 70	88 70	84 70	92 70	92 70	89 68	87.0 67.6			
MOUNTAIN HOME C OF ENG	MAX MIN	86 62	88 64	89 65	90 65	90 68	87 69	86 65	75 62	77 63	85 69	90 65	88 70	88 74	89 74	89 74	93 73	93 73	94 72	93 69	94 69	91 68	82 65	86 67	85 68	90 68	86 71	87 68	91 68	87.6 67.2			
NARROWS OAM	MAX MIN	89 62	90 64	93 64	93 63	92 65	90 70	88 68	83 69	85 70	88 69	92 70	92 67	90 71	90 71	95 70	95 69	96 70	96 69	96 68	96 68	83 69	89 68	94 70	93 72	95 74	95 72	94 73	97 69	91.5 68.7			
NASHVILLE PEACH SUBSTA	MAX MIN	88 66	88 67	90 67	92 67	89 68	83 68	86 67	83 67	87 69	88 71	90 73	89 66	88 73	90 73	95 72	95 72	94 72	94 69	94 69	82 68	88 70	92 75	92 74	92 74	92 73	92 73	95 69	95 73	90.0 70.2			
NEWPORT	MAX MIN	86 65	89 65	89 65	90 72	93 74	92 71	86 66	81 68	85 68	85 71	86 67	87 70	87 74	90 75	94 75	94 74	95 76	95 76	91 74	84 70	86 68	85 71	86 68	85 70	88 70	91 73	90 72	93 70	89.0 71.1			
NIMROO OAM	MAX MIN	88 60	92 65	93 64	94 65	93 68	93 69	88 66	81 67	87 69	87 67	80 67	90 67	92 75	92 75	96 72	96 70	97 70	96 70	96 66	89 66	89 67	90 69	95 71	95 69	91 71	96 74	92 71	96 67	91.1 68.7			
OKAY	MAX MIN	92 70	94 72	94 71	92 69	91 72	88 71	85 69	89 71	91 69	92 78	93 73	91 68	93 76	94 76	94 76	97 75	97 75	97 75	97 75	94 72	91 74	96 73	96 73	95 76	95 76	95 74	99 76	98 72	96 73	93.4 73.3		
OZARK	MAX MIN	90 69	92 69	91 68	85 66	87 66	85 66	82 71	82 65	88 70	91 72	89 68	89 67	90 74	92 69	92 73	95 75	95 75	95 74	95 73	88 72	88 72	91 68	89 71	90 70	95 74	95 74	92 72	94 72	92 72	90.3 70.7		
PARAGOULD	MAX MIN	91 58	93 65	93 66	95 66	92 66	87 66	84 66	77 62	87 66	88 66	88 61	86 75	88 72	89 73	91 75	93 73	93 73	93 72	93 69	87 68	87 67	88 68	88 70	90 72	91 72	92 69	91 69	89.3 68.9				
PARIS	MAX MIN	92 64	95 67	94 65	91 68	90 67	86 69	85 71	82 68	89 67	94 72	91 69	92 72	92 76	94 76	94 75	97 75	97 75	97 75	97 75	89 71	89 71	90 67	96 74	95 74	97 72	97 72	96 72	97 73	92.2 70.3			
PERRYVILLE	MAX MIN	94 68	89 74	91 63	88 70	89 68	83 69	84 65	89 67	89 67	92 68	95 71	89 67	86 70	86 70	92 69	92 69	98 77	98 77	98 69	88 73	88 70	90 73	86 67	96 70	96 70	96 71	91 70	93 72	94 72	91.3 69.9		
PINE BLUFF	MAX MIN	94 67	94 69	95 71	94 73	85 74	85 71	85 70	85 72	90 72	92 73	94 74	86 70	93 76	94 76	94 76	97 76	97 76	96 76	96 73	91 71	89 70	90 71	94 75	95 77	95 77	94 75	96 72	96 72	91.2 72.9			
PINE BLUFF CAA AIRPORT	MAX MIN	91 66	92 68	93 69	92 68	91 70	85 69	83 67	88 70	88 71	92 69	92 68	88 75	92 75	92 75	95 74	95 74	95 74	95 74	90 72	88 69	88 69	90 72	88 74	94 74	94 74	92 75	94 75	92 75	91.1 71.9			
POCAHONTAS 1	MAX MIN	91 59	95 63	94 65	85 69	87 69	83 65	77 67	88 67	88 67	89 68	90 74	90 64	90 71	90 74	95 74	95 74	96 74	96 74	95 74	84 69	87 68	90 71	86 69	89 70	92 71	91 73	93 69	93 73	90.1 69.1			
PORTLAND	MAX MIN	87 67	88 68	90 70	91 71	90 72	87 71	88 72	82 68	87 68	88 70	88 73	89 74	86 74	86 74	92 75	92 75	92 75	92 75	94 75	92 74	94 75	88 71	88 71	90 72	88 71	92 74	92 74	89.5 71.9				
PRESCOTT	MAX MIN	89 64	92 67	92 68	94 71	95 71	89 71	83 68	86 68	87 68	91 70	94 74	90 69	93 73	93 73	96 76	96 76	96 76	96 76	93 71	93 71	92 69	95 75	93 76	95 76	95 76	96 72	96 72	97 72	92.9 71.7			
ROGERS	MAX MIN	87 67	88 66	89 65	85 68	84 67	83 67	76 64	76 62	88 62	88 62	85 62	87 64	88 70	88 70	91 75	92 74	92 74	92 74	87 65	86 67	86 67	89 70	86 67	86 72	85 72	86 72	91 69	89.8 67.2				
RUSSELLVILLE	MAX MIN	91 64	93 67	93 68	91 69	87 69	87 69	83 68	81 69	87 73	90 69	90 73	89 68	92 75	93 75	94 75	94 75	94 75	96 73	96 73	89 69	88 73	94 71	88 73	94 72	92 72	96 72	96 74	93 74	91.4 71.5			
SAINT CHARLES	MAX MIN	89 																															

DAILY TEMPERATURES

ARKANSAS
JULY 1958

Continued

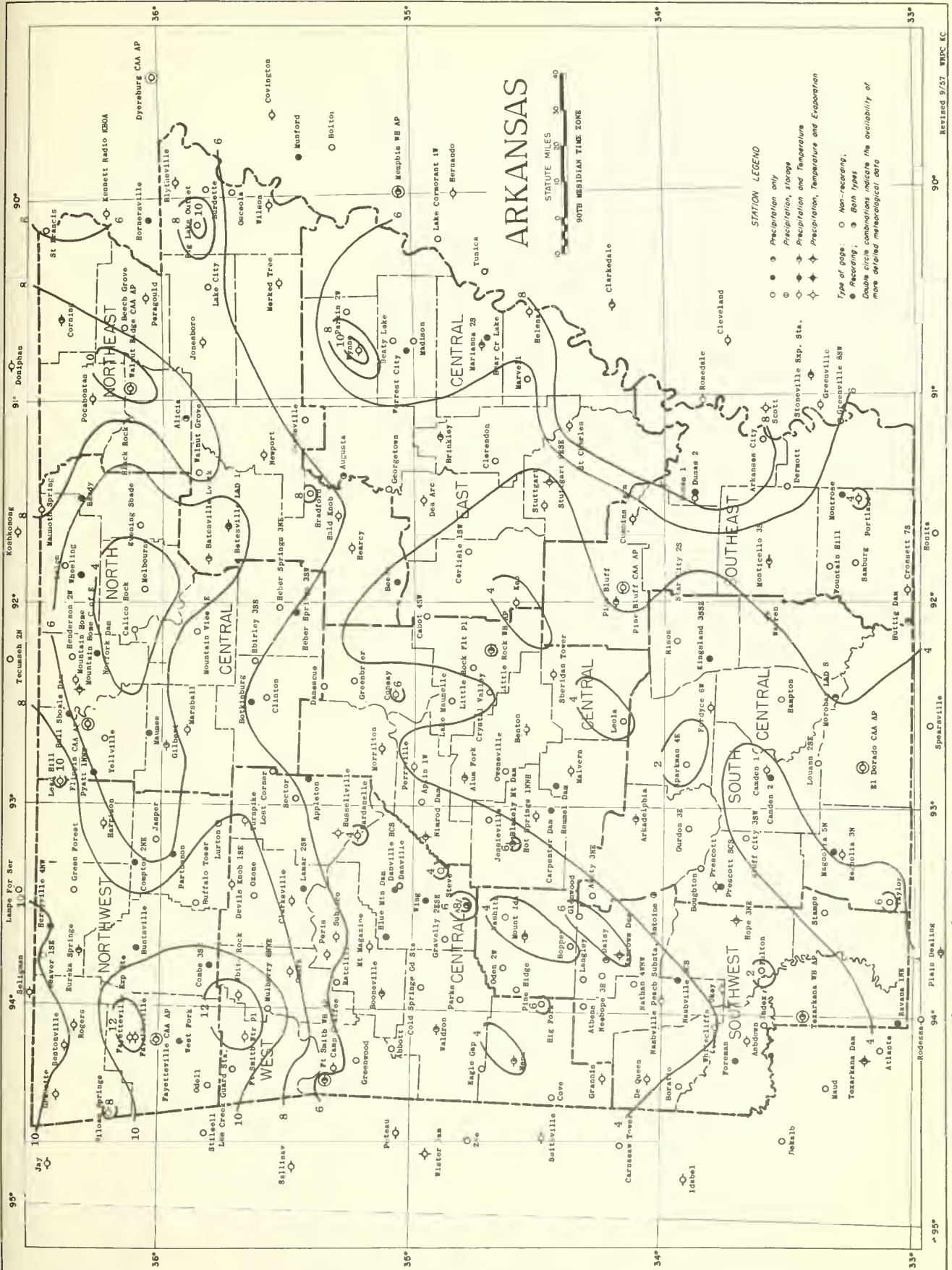
Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
STUTT GART 9 ESE	MAX	87	89	91	92	92	85	88	82	82	86	90	88	82	87	91	92	93	95	95	94	95	90	89	88	89	84	89	91	92	93	93	89.5
	MIN	64	69	70	72	71	71	73	70	70	72	73	70	70	73	75	75	74	76	77	76	73	73	73	70	72	73	73	76	76	72	75	72.5
SUBIACO	MAX	92	93	94	90	89	85	84	83	82	93	89	91	91	94	95	96	98	98	97	98	86	89	88	96	89	94	95	88	96	96	86	91.5
	MIN	66	67	67	67	66	66	68	65	66	69	68	67	66	72	74	73	72	72	76	71	69	68	68	68	68	69	71	73	70	68	73	69.1
TEXARKANA WB AIRPORT	MAX	90	92	93	91	80	87	83	88	91	92	92	91	91	93	93	93	95	95	94	95	87	91	88	94	92	95	94	94	97	96	93	91.6
	MIN	73	72	73	72	70	72	72	69	72	74	73	70	70	76	75	75	76	76	75	76	70	71	74	74	78	77	77	76	78	74	76	73.7
TURNPIKE	MAX																																
	MIN																																
WALORON	MAX	92	94	93	93	90	86	84	82	91	93	93	92	91	91	94	95	97	96	96	96	84	89	92	98	94	97	96	93	98	97	96	92.7
	MIN	63	64	64	64	67	71	70	67	69	78	72	64	66	75	76	73	72	71	71	69	70	67	67	67	73	73	73	73	71	68	76	69.8
WALNUT RIDGE CAA AIRPORT	MAX	90	92	93	94	84	87	84	78	88	88	89	86	89	89	90	90	93	96	94	95	87	84	86	89	84	87	92	87	92	93	87	88.9
	MIN	64	67	68	71	70	72	66	66	69	73	64	64	73	77	76	77	74	77	78	73	72	72	71	71	70	73	72	75	73	71	76	71.6
WARREN	MAX	91	93	93	93	91	91	84	89	90	92	93	86	91	94	94	94	96	97	96	96	92	90	92	95	94	97	96	96	99	98	94	93.1
	MIN	65	68	70	72	71	72	70	72	70	73	73	68	69	74	74	75	75	75	74	74	72	71	70	71	73	76	75	75	75	72	75	72.2
WHITE ROCK	MAX	84	87	86	80	80	80	69	75	80	84	82	82	82	83	84	87	88	88	89	88	82	81	85	88	83	82	87	83	88	89	83	83.5
	MIN	64	67	68	65	62	65	63	60	64	66	63	61	62	70	69	72	71	73	72	71	65	65	65	69	64	64	71	66	70	70	68	66.6
WILSON	MAX	93	94	95	95	86	81	83	85	89	89	90	88	89	92	92	92	94	97	96	98	97	85	90	90	88	89	92	90	93	95	90	90.9
	MIN	65	67	68	68	70	71	70	69	69	70	72	64	71	72	73	75	73	74	75	75	74	71	72	70	68	71	69	69	71	73	77	70.8
WYNNE	MAX	90	92	93	93	89	89	83	80	87	87	90	86	90	89	90	94	95	94	95	94	88	92	87	88	85	87	92	92	93	94	91	90.0
	MIN	68	72	71	72	67	71	71	67	69	65	72	67	63	73	75	74	74	76	75	75	70	72	68	68	67	68	72	70	71	71	72	70.5

EVAPORATION AND WIND

Station		Day of month																															Total Evap or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BLAKELY MDUNTAIN DAM	EVAP	.20	.24	.20	.25	.21	.14	.10	.08	.13	.08	.11	.15	.18	.12	.20	.22	.21	.23	.23	.25	.26	.13	.24	.06	.13	.25	.22	.26	.12	.21	.20	5.61
	WIND	23	19	17	21	46	15	15	15	17	9	15	18	29	24	42	27	20	17	16	22	32	15	19	12	15	19	13	27	21	22	20	642
HOPE 3 NE	EVAP	.25	.24	.25	.28	.34	.14	-	.15	.11	.17	.21	.22	-	.17	.26	.24	.26	.24	-	.27	-	-	.21	.17	.26	.19	.31	.27	.27	.26	.28	7.18B
	WIND	15	20	21	28	51	22	19	21	19	9	38	31	40	44	61	38	24	18	25	34	48	28	16	21	36	32	37	39	25	32	28	920
MDUNTAIN HDME C DF ENG	EVAP	.26	.27	.25	.29	.17	.16	.14	.12	.09	.16	.27	.11	.17	.22	.26	.19	.21	.24	.24	.25	.25	.07	.15	.16	.22	.12	.11	.31	.17	.20	.38	6.21
	WIND	31	29	20	30	33	18	4	33	11	25	11	35	10	27	45	33	24	17	15	24	30	13	16	10	19	14	16	38	12	10	50	703
NARRDWS DAM	EVAP	.24	.24	.24	.27	.33	.16	.16	.09	.13	.13	.22	.23	.18	.18	.24	.26	.22	.26	.30	.24	-	.11	.36	.14	.26	.19	.29	.27	.23	.22	.31	6.92B
	WIND	33	28	23	26	46	16	16	18	16	17	25	24	37	42	55	37	23	21	21	21	46	16	18	19	22	23	26	34	27	18	31	827
NIMRDO OAM	EVAP	.21	.21	.22	.27	.21	.13	-	.06	.21	.07	.07	.18	.26	.14	.26	.23	.25	.23	.26	.23	.29	.15	.20	.09	.24	.19	.22	.28	.20	.26	.31	6.33B
	WIND	11	10	7	8	17	7	8	10	17	5	4	9	15	14	24	14	12	8	8	10	15	9	10	6	10	6	11	17	8	5	15	330
RUSSELLVILLE	EVAP	.23	.35	.20	.28	.06	.20	.39	.12	.21	.25	.30	.32	.33	.28	.26	.32	.30	.33	.37	.26	.26	.25	.17	.43	-	.30	.32	.28	.38	.16	.29	8.47B
	WIND	18	13	16	21	10	15	14	18	27	20	21	24	29	29	23	10	25	11	9	13	17	19	18	18	20	26	24	23	17	20	11	579
STUTT GART 9 ESE	EVAP	.23	.23	.21	.24	-	.10	.14	.12	.10	.11	.16	.11	.16	.16	.22	.25	.22	.16	.38	.20	.28	.14	.18	.14	.14	-	.16	.23	.20	.21	.21	5.76B
	WIND	29	42	23	23	48	34	25	76	7	16	51	42	63	68	105	59	41	42	16	30	39	30	15	26	19	27	34	41	36	20	56	1183

TOTAL PRECIPITATION

JULY 1958

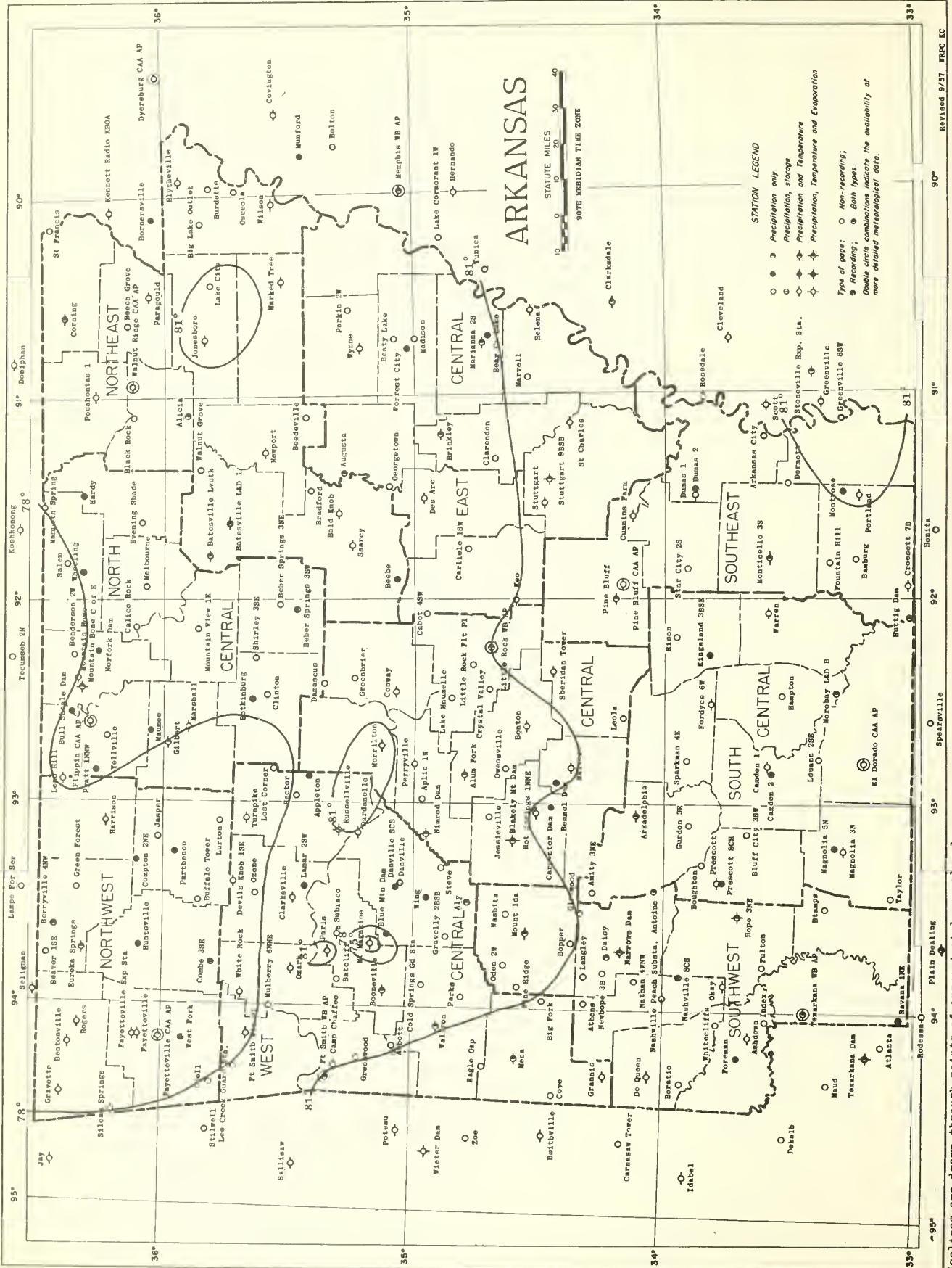


Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

Revised 9/57 WPC EC

AVERAGE TEMPERATURE

JULY 1958



STATION LEGEND

- ○ Precipitation only
- ○ Precipitation, storage
- ○ Precipitation and Temperature
- ○ Precipitation, Temperature and Evaporation

Type of page: ○ Non-recording;
 ○ Recording; ○ Both types
 Double circle combinations indicate the availability of more detailed meteorological data.

Isolines are drawn through points of approximately equal values.

Revised 9/57 RDC EC

STATION INDEX

ARKANSAS
JULY 1958

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
							TEMP	PRECIP	ET/PAF	SPECIAL									TEMP	PRECIP	ET/PAF	SPECIAL	
ABBOTT	0004	SCOTT	1	35 04	94 12	624	7A					JAMES V. WILLIAMS	HALVERN	4562	HOT SPRING	3	34 23	92 49	311	5P	5P	RADIO STATION KBOK	
ALICIA	0006	LAWRENCE	7	35 54	91 05	256	7A					RUBY B. DWENS	HAMMOTH SPRING	4572	FULTON	7	36 29	91 32	690	5S	7A	H JOHN H. MCKEE	
ALUM FORK	0130	SALINE	6	34 48	92 52	135	5P					WETLICK ROCK WATERWORKS	MARIANNA 2 S	4538	LEE	2	34 44	90 46	234	6P	6P	U S FOREST SERVICE	
ALY	0136	YELL	3	34 47	92 59	854	7A					REBA T. SHAMIR	MARKED TREE	4654	POINSETT	7	35 32	90 55	229	6P	7A	H JOHN F. SHEARON	
AMITY 3 NE	0136	CALHOUN	3	34 17	93 25	-	5A					ALTA F. GAHRN	MARSHALL	4666	SEARCY	7	35 54	92 16	1050	5S	7A	MINNIE HORTON	
ANTOINE	0178	PIKE	3	34 02	93 25	285	8A					DREW A. LAMB	MARVELL	4678	PHILLIPS	7	34 33	90 55	195	8A		STERLIN WALLACE	
APLIN 1 W	0188	PIKE	1	34 58	93 00	400	7A					ROBERT WATTS	HAUMEGE	4696	SEARCY	7	36 03	92 39	749	7A		C HELEN E. ADAMS	
ARLETON	0196	POPE	1	35 25	92 53	522	6P					JOHN A. JONES	IZARD	4746	IZARD	3	36 04	91 94	610	7A		C IVAN L. SHRADER	
ARKADELPHIA	0220	CLARK	3	34 07	93 02	200	6P					TILLMAN E. LAWRENCE	MENA	4756	POLK	3	34 35	94 15	1207	6P	7A	C H RICHARD W. ST. JOHN	
ARKANSAS CITY	0234	OSHA	2	33 37	93 12	145	8A					JOHN W. TRAMMELL	MONTICELLO 3 S	4900	DREW	3	33 35	91 48	285	5P	5P	C H RADIO STATION KHM	
ASHDOWN	0286	LITTLE RIVER	4	33 40	94 08	329	7P					S W GAS AND ELECTRIC CO	MONTROSE	4906	ASHLEY	3	33 19	91 29	125			C ARK POWER AND LIGHT CO	
ATHENS	0300	HOWARD	4	34 19	93 58	960	7A					ARRA D. PARKER	MORROW LOC AND DAM	4934	CALHOUN	3	33 19	92 27	85	5P	7A	C U S CORPS OF ENGINEERS	
AUGUSTA	0326	WOODRUFF	7	35 17	91 22	218	7A					HOMER W. CHANEY	MORRISON	4938	CONWAY	1	35 07	92 45	280	5P	7A	C U S CORPS OF ENGINEERS	
BALD KNOB	0350	WHITE	7	35 18	91 34	230	6P					UNIVERSITY OF ARKANSAS	MOUNT IGO	4988	MONTGOMERY	3	34 33	93 38	863	5P	7A	C H WILLIAM E. BLACK	
BEECHVILLE LIVESTOCK	0558	INDEPENDENCE	7	35 49	91 47	371	9A					UNIVERSITY OF ARKANSAS	MOUNT MAGAZINE	5010	LOGAN	1	35 10	93 41	2800	6P	6P	C ARKANSAS FORESTRY COMM	
BATESVILLE L AND D 1	0640	INDEPENDENCE	7	35 45	91 38	277	5P					JAMES J. MITCHEM	MOUNTAIN HOME C OF ENG	5036	BAXTER	7	36 20	92 23	800	6P	6P	C RADIO STATION KTLQ	
BEAR CREEK LAKE	0646	LEE	7	34 43	90 42	220	7A					U S FOREST SERVICE	MOUNTAIN VIEW 1 E	5046	STONE	7	35 52	92 06	768	7A		C U S CORPS OF ENGINEERS	
BEATY LAKE	0512	ST FRANCIS	5	35 05	93 43	400	5P					L. G. ADAMSON	MURKIN 6 NE	5072	FRANKLIN	1	35 34	94 01	500	7A		C NELL A. TAPLEY	
BEAVER 1 SE	0518	CARROLL	7	36 28	93 46	930	7A					HARVEY E. SELTON	NARROWS DAM	5110	PIKE	3	34 19	93 43	425	8A	8A	C HENRY G. ARVIN	
BEERS	0534	WHITE	7	35 38	91 53	500	7A					W. B. HANNON	NASHVILLE PEACH SUBSTA	5112	HOWARD	4	34 00	93 56	500	7A	7A	C UNIVERSITY OF ARKANSAS	
BEECH GROVE	0534	CARROLL	7	36 09	93 30	298	8A					P. W. BRECKENRIDGE	NASHVILLE SCS	5128	HOWARD	3	34 07	93 51	371			C U S SOIL CONS SERVICE	
BEEDERVILLE	0536	JACKSON	7	35 26	91 06	221	8A					ETTA C. BURKS	NATHAN A WNW	5158	HOWARD	3	34 37	93 52	550	7A		C EDNA J. WESTFALL	
BENTON	0582	SALINE	6	34 33	92 37	285	5P					EARLE L. BROOME	NEWHOPE 3 E	5186	JACKSON	7	35 34	90 42	610	7A		C H RICHARD W. ST. JOHN	
BENTONVILLE	0586	BENTON	7	35 25	92 36	285	6P					DAVID L. STIDMAN	NEWPORT	5186	JACKSON	7	35 34	90 42	610	7A		C H LUTHER O. SUMMERS, JR	
BERNIVILLE 4 NW	0616	CARROLL	7	36 26	93 37	1150	7A					ANNA M. LILES	NHROD DAM	5200	PIKE	1	34 57	93 10	425	8A	8A	C U S CORPS OF ENGINEERS	
BIG FOLE	0664	POLK	3	34 29	93 58	1100	7A					N. W. DOUGLAS	NORFOLK DAM	5228	BAXTER	7	36 15	92 15	425	7A		C U S CORPS OF ENGINEERS	
BIG LAKE OUTLET	0676	MISSISSIPPI	5	35 51	90 08	228	7A					LEE W. MCKENNEY	ODELL	5354	WASHINGTON	1	35 48	94 24	1900	7A		C MRS. RONDO HURST	
BLACK ROCK	0746	LAWRENCE	7	36 07	91 06	279	7A					U S CORPS OF ENGINEERS	OKEY	5376	HOWARD	4	33 46	93 53	300	5P	5P	C J. T. MARGIS	
BLACKSTONE MOUNTAIN DAM	0768	YELL	3	34 11	93 36	455	8A					U S CORPS OF ENGINEERS	OSCEOLA	5480	MISSISSIPPI	2	35 43	89 59	245	6A		C THOMAS F. MCKINION	
BLUE MOUNTAIN DAM	0798	YELL	1	35 06	93 39	455	8A					U S CORPS OF ENGINEERS	OSWEGO	5498	SALINE	3	34 37	92 49	500	8A		C HOWARD W. WESTFALL	
BLUFF CITY 3 SW	0800	NEVADA	3	33 41	93 09	360	7A					CATHERINE WHITE	OSWEGO	5498	SALINE	3	34 37	92 49	500	8A		C HOWARD W. WESTFALL	
BLOMFIELD	0806	MISSISSIPPI	5	35 56	89 55	252	6P					IVY W. CRAWFORD	OSWEGO	5498	SALINE	3	34 37	92 49	500	8A		C HOWARD W. WESTFALL	
BOOTHVILLE	0830	NEVADA	3	34 27	93 13	200	7P					CEC E. T. STAMPS	OSWEGO	5498	SALINE	3	34 37	92 49	500	8A		C HOWARD W. WESTFALL	
BOTKINSBURG 2 S	0842	VAN BUREN	7	35 39	92 30	1200	7A					THOMAS W. PEARSON	OSWEGO	5498	SALINE	3	34 37	92 49	500	8A		C HOWARD W. WESTFALL	
BOUGHTON	0848	NEVADA	3	33 52	93 20	235	7A					IRIS ELMORE WICKER	PARAGOULD	5562	GREEN	5	36 04	90 29	275	4P	4P	C H LUTHER O. SUMMERS, JR	
BRADFORD	0872	WHITE	7	35 25	91 28	240	7A					MARSHALL HICKMAN	PARIS	5576	LOGAN	1	35 18	93 43	410	6P	6P	C FRANK TAYLOR	
BRINKLEY	0936	MONROE	7	34 53	91 12	205	5P					RICHARD F. WEIS	PARKIN 2 W	5588	CROSS	5	35 16	90 35	222	7A		C CORINE D. GARDNER	
BROWNFIELD	1010	NEWTON	7	35 30	92 32	460	6P					BEHN F. KEMLER	PARISH	5604	NEWTON	3	35 18	93 08	360	5P	5P	C H W. W. SPAULDING	
BULL SHOALS DAM	1020	ARTER	7	36 22	94 34	200	6P					U S CORPS OF ENGINEERS	PERRYVILLE	5602	NEWTON	3	35 57	93 15	925	5P	7A	C ARTHUR B. CARLTON	
BURDETTE	1052	MISSISSIPPI	2	35 49	89 57	240	6P					G. A. HALE	PERRYVILLE	5604	JEFFERSON	1	35 00	92 49	325	5P	7A	C FRANCIS FINKBEINER	
CABOT 4 W	1102	PULASKI	7	34 57	92 40	289	5P					B. M. WALTER	PIKE BLUFF	5754	JEFFERSON	1	34 12	92 00	215	7P	7A	C MRS. EMMA GRESHAM	
CALICO ROCK	1132	IZARD	7	36 07	92 08	600	7A					AUSTIN D. HARRIS	PIKE BLUFF CAA AIRPORT	5910	NEVADA	3	34 11	92 05	110	MID	MID	C U S CIVIL AERO ADM	
CANDELL	1152	QUACHITA	4	36 49	92 16	970	7A					EDWARD B. GILLWORTH	PIKE RIDGE	5760	MONTGOMERY	3	34 35	93 94	840	7A		C U S CIVIL AERO ADM	
CANDEN 2	1154	QUACHITA	3	33 35	92 51	155	7A					LEONH 2 W	POKONOTOS 1 E	5820	RANDOLPH	7	36 16	90 59	330	5P	7A	C BENEFICENT SISTERS	
CAMP CHAFFEE	1172	SEBASTIAN	1	35 18	91 48	219	8A					CECIL E. STAMPS	PORTLAND	5866	ASHLEY	3	33 14	91 30	122	7A	7A	C PEARL NEWTON	
CAMP LITTLE 1 SW	1224	LONoke	1	34 47	91 45	235	8A					J. E. TAITS	PRESCOTT	5908	NEVADA	3	33 48	92 33	318	7A	7A	C H R. P. HAMBY	
CAMPBELL DAM	1238	GARLAND	3	34 27	93 05	405	7A					ARK POWER AND LIGHT CO	PRESCOTT SCS	5910	NEVADA	3	33 48	92 33	318	7A		C U S SOIL CONS SERVICE	
CLARENDON	1442	MONROE	7	34 41	91 18	172	7A					F. R. NORTHERN	PYATT 1 NW	5970	MARION	7	36 16	92 51	800	7A		C ARK POWER AND LIGHT CO	
CLARKSVILLE	1455	JOHNSON	1	35 28	93 28	436	6P					DR. IRVING I. BEACH	RATCLIFF	6008	LOGAN	1	35 18	93 53	463	7A		C DONA W. WEEKS	
CLINTON	1492	VAN BUREN	7	35 35	92 28	190	7A					R. H. RIDDER	RAVANA 1 NE	6016	MILLER	4	33 08	94 02	250			C BONNY L. ALLEN	
COLD SPRINGS GUARD STAT	1520	SCOTT	3	34 58	93 54	1250	7A					HARGREAVE ZORNES	REMMEL DAM	6102	HOT SPRING	3	34 26	92 54	331			C ARK POWER AND LIGHT CO	
COMBS 3 S	1574	MADISON	7	35 48	93 48	1400	7A					HAUDE C. BRASHERS	RISON	6174	CLEVELAND	3	33 57	92 11	215	8A		C J. H. YANEY	
COMPTON 2 NE	1582	NEWTON	7	36 06	93 18	2166	7A					WILLIAM L. BILMAM	ROBERTS	6248	BENTON	7	36 20	94 07	1387	5S	5S	C H HOWARD POWLER	
CONWAY	1596	FALCONER	7	35 48	91 23	316	5P					LAURA POLK	ROBERTS	6248	BENTON	7	36 20	94 07	1387	5S	5S	C H HOWARD POWLER	
CORNING	1632	CLAY	7	36 24	90 35	293	6P					LAURA POLK	ROBERTS	6248	BENTON	7	36 20	94 07	1387	5S	5S	C H HOWARD POWLER	
COVE	1666	POLK	4	34 26	94 25	1050	7A					JOE C. ALLEN	SAINT FRANCIS	6380	CLAY	5	36 27	90 00	300	7A		C WILLIAM S. BUCKLEY	
CROSSETT 7 S	1730	ASHLEY	3	33 02	91 56	175	5P					U S FOREST SERVICE	SALEM	6403	FULTON	7	36 23	91 50	668	7A		C JAS. B. CALDWELL	
CRYSTAL VALLEY 2 NE	1750	PULASKI	1	34 43	92 55	38																	

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA Stations. For those stations snow on ground values are at 0600 C.S.T.

In the Station Index the letters C, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes and are published later in "Hourly Precipitation Data" Bulletin.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

Other Reference Notes

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Daily Precipitation" Table, "Evaporation and Wind" Table, "Snowfall and Snow on Ground" Table; and the Station Index.
- And also on an earlier date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW and the MONTHLY CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

USCOMM-WB-Asheville -- 9-3-58 -- 925

3-15/5:

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief



CLIMATOLOGICAL DATA

ARKANSAS

AUGUST 1958
Volume LXIII No. 8



SUPPLEMENTAL DATA

ARKANSAS
AUGUST 1958

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	MIDNIGHT	6:00A CST	NOON CST	6:00P CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over			Total
FORT SMITH WB AIRPORT	ENE	26	7.3	30	SW	20	89	94	61	59	4	2	3	1	3	0	13	70	4.8
LITTLE ROCK WB AIRPORT	S	13	7.2	25	E	17+	84	91	59	61	5	2	3	2	0	1	13	81	5.4
TEXARKANA WB AIRPORT	SE	10	6.5	-	-	-	-	92	-	-	0	1	4	3	1	1	10	-	-

CLIMATOLOGICAL DATA

Station	Temperature														Precipitation										
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No of Days				
										10° or Above	32° or Above	50° or Above	60° or Above					Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More		
																								Min	Max
NORTHWEST DIVISION																									
BENTONVILLE	89.0	63.7	76.4		97	15	48	25	0	18	0	0	0	1.58		.47	2	.0	0	3	0	0			
EUREKA SPRINGS	86.9	64.4	75.7	- 3.8	93	29	50	25	0	9	0	0	0	4.01	.12	2.76	2	.0	0	5	5	2			
FAYETTEVILLE	88.4	66.5	77.5		95	29	54	25	0	17	0	0	0	2.89		1.47	1	.0	0	3	3	2			
FAYETTEVILLE CAA AIRPORT	87.4	64.3	75.9		94	13	50	25	0	10	0	0	0	3.29		1.11	17	.0	0	6	3	2			
FAYETTEVILLE EXP STA	87.7	65.7	76.7	- 2.0	93	29	52	25	0	10	0	0	0	2.63	-.88	1.06	2	.0	0	4	2	1			
GRAVETTE	89.0	64.1	76.6	- 2.6	95	29	50	25	0	17	0	0	0	1.72	1.94	.50	9	.0	0	5	5	2			
HARRISON	89.4	64.1	76.8	- 1.9	96	29	50	25	0	21	0	0	0	3.09		1.69	2	.0	0	6	6	2			
LEAD HILL	90.7	64.5	77.6	- 1.5	98	29	52	26+	0	25	0	0	0	5.02		2.91	1	.0	0	2	2	2			
ROGERS	87.1	65.9	76.5	- 2.0	95	29	54	25	0	10	0	0	0	1.39	- 2.58	.58	8	.0	0	2	2	2			
SILOAM SPRINGS	88.4	64.6	76.5		95	29	50	25	0	16	0	0	0	2.74		.97	9	.0	0	6	6	2			
DIVISION			76.6	- 2.1										2.84	-.72			.0							
NORTH CENTRAL DIVISION																									
FLIPPIN CAA AIRPORT	89.4	65.8	77.6		97	29	53	26	0	18	0	0	0	3.53		2.39	1	.0	0	5	1	1			
GILBERT	90.8	64.9	77.9		98	29	53	26+	0	25	0	0	0	3.76		1.83	2	.0	0	5	3	1			
MAMMOTH SPRING	91.0	64.5	77.8	- 0.9	98	29	50	26	0	24	0	0	0	4.30		2.57	2	.0	0	5	3	1			
MARSHALL	88.8	64.3	76.6		96	29	49	25	0	19	0	0	0	2.76		1.40	2	.0	0	4	4	3			
MOUNTAIN HOME 1 NNW	88.5	67.1	77.8	- 1.2	96	29	54	25	0	12	0	0	0	3.33	.39	1.86	2	.0	0	6	6	2			
MOUNTAIN HOME C OF ENG AM	88.9	65.7	77.3		97	30	52	26	0	16	0	0	0	3.00		1.96	2	.0	0	6	1	1			
DIVISION			77.5	- 1.2										3.45	.16			.0							
NORTHEAST DIVISION																									
BALO KNOB	90.0	66.0	78.0		97	19	53	26	0	21	0	0	0	1.87		.81	12	.0	0	4	1	0			
BATESVILLE LIVESTOCK AM	92.2	64.5	78.4		100	30	50	26	0	26	0	0	0	1.53		.96	2	.0	0	3	1	0			
BATESVILLE L AND O NO 1	90.8	66.0	78.4		97	29	51	26	0	23	0	0	0	2.71	-.68	1.12	17	.0	0	3	2	2			
BLYTHEVILLE	89.9	68.6	79.3	- 1.2	97	8	53	26	0	20	0	0	0	1.32	- 1.95	.63	25	.0	0	4	1	0			
CORNING	90.3	68.6	79.5	- 0.6	96	9	54	26	0	22	0	0	0	5.28	2.29	2.05	2	.0	0	6	3	3			
JONESBORO	91.9	68.7	80.3	- 0.3	96	14+	54	26	0	27	0	0	0	.97	- 1.97	.48	17	.0	0	4	0	0			
MARKEO TREE	88.4	69.1	78.8	- 1.2	94	11+	55	26	0	15	0	0	0	3.28	.21	1.35	12	.0	0	4	2	2			
NEWPORT	89.0	68.8	78.9	- 2.3	97	12	56	26	0	18	0	0	0	3.07	-.24	1.58	24	.0	0	5	2	1			
PARAGOULO	89.0	65.3	77.2		94	11+	48	26	0	15	0	0	0	2.24		.95	1	.0	0	4	2	0			
POCAHONTAS 1	90.2	67.5	78.9	- 1.2	95	11	52	26	0	22	0	0	0	4.72		2.05	2	.0	0	4	3	2			
SEARCY	92.0	68.3	80.2	- 1.1	97	31	55	26	0	25	0	0	0	1.43	- 2.01	.55	17	.0	0	4	1	0			
WALNUT RIDGE CAA AIRPORT	89.1	69.5	79.3		94	14	55	26	0	19	0	0	0	2.99		1.66	1	.0	0	4	2	1			
WILSON																									
DIVISION			78.9	- 1.3										2.62	-.52			.0							
WEST CENTRAL DIVISION																									
BOONEVILLE	93.3	67.2	80.3	- 1.9	99	14+	54	25	0	24	0	0	0	2.05	- 1.41	.97	2	.0	0	4	2	0			
CAMP CHAFFEE AM	91.4	68.6	80.0		96	30+	56	25	0	20	0	0	0	5.51		1.82	2	.0	0	8	4	2			
CLARKSVILLE	91.7	67.7	79.7		99	29	55	25	0	25	0	0	0	2.85		1.25	2	.0	0	5	2	1			
OSAGEVILLE	91.9	69.7	80.8	- 1.4	101	29	60	26+	0	25	0	0	0	2.90	-.24	2.24	2	.0	0	6	3	1			
OSAGEVILLE	83.3	66.7	75.0		91	29	54	25	0	1	0	0	0	3.18		1.65	2	.0	0	3	3	1			
DEVILS KNOB	91.7	69.6	80.7	- 1.4	97	29+	58	25	0	23	0	0	0	4.51	1.89	1.15	8	.0	0	7	4	3			
FORT SMITH WB AIRPORT	R//	91.7	69.6	80.7	- 1.4	97	29+	58	25	0	23	0	0	4.51	1.89	1.15	8	.0	0	7	4	3			
FT SMITH WATER PLANT	R//	89.1	64.2	76.7		94	29+	52	25	0	17	0	0	3.23		1.30	2	.0	0	5	3	1			
MENA	91.1	68.3	79.7	- 1.0	98	12	59	25	0	23	0	0	0	2.95	-.95	1.39	17	.0	0	5	3	1			
MOUNT MAGAZINE	82.4	65.3	73.9		91	29	58	25	0	1	0	0	0	2.53		1.70	2	.0	0	4	2	1			
OZARK	91.7	69.0	80.4	- 1.5	99	29	57	25	0	23	0	0	0	2.27	-.95	1.28	2	.0	0	4	1	1			
PARIS	92.9	67.4	80.2		100	29+	52	25	0	25	0	0	0	2.30		1.20	2	.0	0	6	1	1			
RUSSELLVILLE	92.2	69.3	80.8		100	28	58	25	0	25	0	0	0	1.59		1.26	2	.0	0	2	1	1			
SUBIACO	92.6	67.4	80.0	- 2.3	102	29	56	25	0	22	0	0	0	1.48	- 1.57	1.06	2	.0	0	2	1	1			
TURNPIKE														3.10		2.87	2	.0	0	3	1	1			
WALORON	93.2	67.3	80.3		99	29+	55	25	0	26	0	0	0	3.89		2.72	17	.0	0	5	2	1			
WHITE ROCK	84.6	67.5	76.1		90	29	56	25	0	1	0	0	0	2.02		.78	2	.0	0	5	2	0			
DIVISION			79.0	- 1.4										2.90	-.56			.0							
CENTRAL DIVISION																									
ALUM FORK	91.3	68.0	79.7		98	3	60	26	0	24	0	0	0	4.79		1.73	8	.0	0	7	4	1			
BENTON	91.8	64.7	78.3		95	16+	56	27	0	28	0	0	0	3.96		1.57	10	.0	0	8	2	2			
BLAKELY MOUNTAIN OAM AM	91.3	66.7	79.0		97	30+	57	25	0	24	0	0	0	3.13		1.15	17	.0	0	5	2	2			
CONWAY	91.4	67.5	79.5	- 2.8	95	31+	57	26+	0	25	0	0	0	3.21	.38	1.28	17	.0	0	6	3	2			
HOT SPRINGS 1 NNE	92.1	70.5	81.3	- 1.8	99	12	62	26+	0	24	0	0	0	3.52	.15	1.52	17	.0	0	6	2	2			
LITTLE ROCK WB AIRPORT	R//	90.5	71.8	81.2	- 0.1	95	16+	63	26	0	23	0	0	3.80	.65	2.02	17	.0	0	6	4	3			
MALVERN	91.5	65.4	78.5		97	12+	57	26	0	22	0	0	0	3.64		2.28	17	.0	0	4	2	1			
MORRISON	92.1	69.0	80.6	- 0.9	100	29	59	26	0	25	0	0	0	3.88	1.15	1.54	2	.0	0	6	3	2			
NIMROO DAM																									

CLIMATOLOGICAL DATA

ARKANSAS
AUGUST 1956

CONTINUED

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days			
										92° or Above	32° or Below	Snow or Below	0° or Below					Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More	
																								Max
EAST CENTRAL DIVISION																								
BRINKLEY	90.5M	67.0M	78.8M	- 2.1	96	30+	53	26	0	23	0	0	0	1.40	- 1.33	.49	2	.0	0			4	0	0
DES ARC	90.6	69.0	79.8		95	31+	57	26	0	20	0	0	0	3.31		1.85	2	.0	0			5	2	1
HELENA	91.0	70.8	80.9	- 0.1	96	5	58	26	0	22	0	0	0	3.55	.62	1.25	17	.0	0			7	2	1
KEO	90.2	68.1	79.2		95	16+	57	26	0	20	0	0	0	1.97		.58	8	.0	0			4	2	0
MARIANNA 2 S	89.8	68.2	79.0	- 1.3	94	16+	53	26	0	19	0	0	0	1.46	- 1.49	.84	17	.0	0			3	1	0
SAINT CHARLES	90.0	70.2	80.1		95	16+	60	26	0	20	0	0	0	2.43		.81	24	.0	0			5	2	0
STUTT GART	90.7	70.9	80.8	- 1.1	96	16	60	26	0	24	0	0	0	2.73	- .38	1.06	25	.0	0			6	2	1
STUTT GART 9 ESE	88.8	70.3	79.6		94	16	60	26	0	17	0	0	0	3.64		1.13	25	.0	0			7	3	1
WYNNE	90.2	67.5	78.9		94	14+	57	26	0	18	0	0	0	.84		.47	22	.0	0			2	0	0
DIVISION			79.7	- 1.1										2.37	- .59			.0						
SOUTHWEST DIVISION																								
ASHDOWN	92.8	69.5	81.2		102	13	60	25	0	24	0	0	0	7.19		3.60	21	.0	0			7	4	2
OE QUEEN	93.3	65.8	79.6		101	12	55	25	0	25	0	0	0	7.08		3.70	21	.0	0			7	3	3
DIERKS																								
HOPE 3 NE	90.7	69.4	80.1	- 2.1	97	13	61	26	0	22	0	0	0	5.17	1.96	1.92	8	.0	0			7	4	2
MOUNT IDA	91.6	66.0	78.8	- 0.9	97	29+	55	25	0	22	0	0	0	2.50	- 1.08	1.40	17	.0	0			6	1	1
NARROWS DAM	91.5	66.5	79.0		98	30+	58	26+	0	23	0	0	0	3.36		.89	14	.0	0			7	2	0
NASHVILLE PEACH SUBSTA	90.6	68.4	79.5		99	13	61	26+	0	19	0	0	0	4.99		1.58	22	.0	0			9	3	1
OKAY	94.0	70.2	82.1	0.0	101	12	62	25	0	27	0	0	0	8.13	5.28	3.07	21	.0	0			5	4	3
TEXARKANA WB AIRPORT	R//	90.9	71.9	- 1.3	99	13	64	25	0	21	0	0	0	7.19	4.31	2.49	21	.0	0			9	5	2
DIVISION			80.2	- 1.1										5.70	2.64			.0						
SOUTH CENTRAL DIVISION																								
ARKAOELPHIA	92.5	69.9	81.2		99	15+	61	25	0	24	0	0	0	3.91	1.10	2.00	17	.0	0			5	3	1
CAMOEN 1	91.1	69.9	80.5	- 1.6	97	13	61	26	0	24	0	0	0	4.27	1.68	1.03	18	.0	0			7	4	1
EL OORADO CAA AIRPORT	90.5	70.0	80.3	- 2.5	98	7	60	26	0	23	0	0	0	5.18	2.16	3.71	24	.0	0			7	2	1
FOROYCE 6 W	91.3	70.1	80.7		96	16+	60	26	0	23	0	0	0	3.19		1.13	23	.0	0			5	2	2
MAGNOLIA 3 N	94.0	66.8	80.4	- 2.3	102	13	58	26	0	27	0	0	0	4.12	1.73	2.14	23	.0	0			6	2	2
PRESCOTT	91.4	69.3	80.4	- 2.6	98	13	61	27+	0	24	0	0	0	3.20	.40	.90	18	.0	0			6	3	0
WARREN	92.5	70.0	81.3	- 1.3	100	16	60	26	0	23	0	0	0	3.31		2.10	17	.0	0			5	2	1
DIVISION			80.7	- 1.5										3.88	1.12			.0						
SOUTHEAST DIVISION																								
CROSSETT 7 S	91.2	68.4	79.8	- 1.6	96	12	60	26	0	22	0	0	0	3.78	-.63	1.98	17	.0	0			4	2	1
CUMMINS FARM	90.5	69.0	79.8		95	16	60	26	0	23	0	0	0	2.37		1.00	13	.0	0			4	2	1
DUMAS 3 S	90.5	68.9	79.7	- 2.9	95	16+	61	26	0	22	0	0	0	2.06		.57	18	.0	0			6	1	0
MONTICELLO 3 S	91.1	70.8	81.0		95	16+	60	26	0	24	0	0	0	3.51		1.43	24+	.0	0			6	2	2
PINE BLUFF	91.5	71.8	81.7	- 1.6	98	16	63	26	0	23	0	0	0	2.58	-.08	.98	17	.0	0			6	1	0
PINE BLUFF CAA AIRPORT	90.2	69.6	79.9		97	16	61	26	0	21	0	0	0	4.91		1.22	17	.0	0			6	4	4
PORTLAND	AM	88.8	69.9	- 1.9	95	13	64	29+	0	18	0	0	0	3.22	.63	1.59	18	.0	0			5	3	1
DIVISION			80.2	- 1.7										3.20	.34			.0						

Highest Temperature 102 on the 29+ at 3 stations.

Lowest Temperature 48 on the 26+ at 2 stations.

Greatest Total Precipitation 10.84 inches at Leola.

Least Total Precipitation 0.26 inches at Osceola.

Greatest one-day precipitation 7.32 inches on the 23 at Leola.

DAILY PRECIPITATION

ARKANSAS
AUGUST 1958

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ABBOTT	3.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ALICIA	4.79	1.18	T	-	-	-	-	-	-	T	-	-	1.49	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ALUM FORK	4.79	.82	-	.37	-	-	-	-	1.73	T	-	.20	.16	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ALY	1.83	-	-	-	-	-	-	-	-	-	-	.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ALY 3 NE	1.69	-	.02	-	-	-	-	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
AMTOINE	2.93	-	.20	-	-	-	-	-	.30	-	-	-	-	.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ARLIN 1 W	3.34	.32	.93	.11	-	-	-	-	.04	1.01	.02	.21	-	-	-	-	-	-	-	-	.70	-	-	-	-	-	-	-	-	-	-	-	-	
ARKADELPHIA	3.91	-	.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.00	.73	-	-	-	-	-	-	-	-	-	-	-	
ARKANSAS CITY	2.54	-	.04	-	-	-	-	-	-	-	-	-	.67	.29	-	-	-	-	-	-	T	.54	.90	-	-	-	-	-	-	-	-	-	-	
ASHMOOR	7.19	T	-	-	-	-	-	-	.38	.42	T	-	-	.67	.29	-	-	-	-	-	T	.54	.90	-	-	-	-	-	-	-	-	-	-	-
ATHENS	2.00	.12	-	T	-	-	-	-	.11	-	.12	-	.43	.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
AUGUSTA	4.67	T	.24	-	-	-	-	-	.90	.44	1.53	.38	-	-	-	-	-	-	-	-	1.06	-	-	-	-	-	-	-	-	-	-	-	-	
BALD KNOB	1.87	.04	.38	-	.06	-	-	.43	-	-	.03	-	-	-	-	-	-	-	-	-	.26	-	-	-	-	-	-	-	-	-	-	-	-	
BATESVILLE LIVESTOCK	1.53	-	.96	-	-	-	-	-	-	-	.03	-	-	-	-	-	-	-	-	-	.40	-	-	-	-	-	-	-	-	-	-	-	-	
BATESVILLE L AND O NO 1	2.71	.02	1.09	-	-	-	-	-	-	-	.08	-	.05	-	-	-	-	-	-	-	1.12	-	-	-	-	-	-	-	-	-	-	-	-	
BEATY LAKE	3.19	T	.31	-	-	-	-	-	1.01	1.09	-	-	1.09	T	.01	.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BEAVER 1 SE	3.27	.12	2.24	.16	-	-	-	-	.12	.02	-	-	-	-	-	-	-	-	-	-	.47	-	-	-	-	-	-	-	-	-	-	-	-	
BEECH GROVE	2.36	-	.85	-	-	-	-	-	-	-	-	.79	-	-	-	-	-	-	-	-	.26	-	-	-	-	-	-	-	-	-	-	-	-	
BEOEVILLE	1.56	T	-	T	-	-	-	-	.34	-	-	-	-	-	-	-	-	-	-	-	.47	-	-	-	-	-	-	-	-	-	-	-	-	
BENTON	3.96	-	.41	-	-	-	-	-	-	-	1.57	-	-	-	-	-	-	-	-	-	.16	1.26	-	-	-	-	-	-	-	-	-	-	-	
BENTONVILLE	1.58	T	.47	-	-	-	-	-	.42	.06	.09	-	-	-	-	-	-	-	-	-	.05	-	-	-	-	-	-	-	-	-	-	-	-	
BERRYVILLE 4 NW	3.99	.06	2.81	-	.06	-	-	-	.05	.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BIG FORK	3.76	-	.23	.69	-	-	-	-	-	-	-	.58	.27	.11	.06	-	-	-	-	-	1.16	-	-	-	-	-	-	-	-	-	-	-	-	
BIG LAKE OUTLET	1.15	T	-	-	-	-	-	-	-	-	-	T	.02	.51	-	-	-	-	-	-	.45	T	-	-	-	-	-	-	-	-	-	-	-	
BLACK ROCK	4.57	T	2.72	-	-	-	-	-	-	-	-	1.15	T	-	-	-	-	-	-	-	.28	T	-	-	-	-	-	-	-	-	-	-	-	
BLAKELY MOUNTAIN DAM	3.13	-	.10	.31	-	-	-	-	-	-	1.08	-	-	-	-	-	-	-	-	-	1.15	.18	-	-	-	-	-	-	-	-	-	-	-	-
BLUFF CITY 3 SW	3.18	-	.16	.27	-	-	-	-	-	-	-	T	.10	T	-	-	-	-	-	-	.02	.97	-	-	-	-	-	-	-	-	-	-	-	
BLUTHEVILLE	1.32	T	.01	-	-	-	-	-	-	-	-	.13	.22	.06	-	-	-	-	-	-	.19	T	-	-	-	-	-	-	-	-	-	-	-	
BOONEVILLE	2.05	.15	.97	.06	-	-	-	-	-	-	.01	-	-	-	-	-	-	-	-	-	.86	T	-	-	-	-	-	-	-	-	-	-	-	-
BOUGHTON	4.10	-	.33	-	-	-	-	-	-	-	1.10	-	-	-	-	-	-	-	-	-	.48	-	-	-	-	-	-	-	-	-	-	-	-	-
BRADFORD	1.99	-	.54	-	-	-	-	-	-	-	-	-	-	.35	-	-	-	-	-	-	.06	-	-	-	-	-	-	-	-	-	-	-	-	-
BRINKLEY	1.40	-	.49	-	-	-	-	-	.23	-	-	-	.06	-	-	-	-	-	-	-	.37	-	-	-	-	-	-	-	-	-	-	-	-	-
BUFFALO TOWER	4.81	.58	2.01	T	-	-	-	-	.10	T	.22	.04	-	-	-	-	-	-	-	-	1.66	.07	-	-	-	-	-	-	-	-	-	-	-	-
BURETTE	.83	-	-	-	-	-	-	-	-	.34	-	.26	-	-	-	-	-	-	-	-	.35	-	-	-	-	-	-	-	-	-	-	-	-	-
CABOT 4 SW	2.62	.05	1.44	.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.73	-	-	-	-	-	-	-	-	-	-	-	-	-
CALICO ROCK	6.06	.42	3.45	.75	-	-	-	-	.42	.35	.90	-	-	.65	.04	-	-	-	-	-	.74	-	-	-	-	-	-	-	-	-	-	-	-	-
CAMDEN 1	4.27	-	.04	T	-	-	-	-	-	-	.90	-	-	-	-	-	-	-	-	-	.37	1.03	-	-	-	-	-	-	-	-	-	-	-	-
CAMP CHAFFEE	5.51	.12	1.82	.56	-	-	-	-	1.22	.42	.20	-	-	.35	-	-	-	-	-	-	.88	1.03	-	-	-	-	-	-	-	-	-	-	-	-
CARLISLE 1 SW	2.88	-	1.79	-	-	-	-	-	-	-	-	-	-	.76	-	-	-	-	-	-	.76	-	-	-	-	-	-	-	-	-	-	-	-	-
CLARENDON	2.71	-	.21	.04	-	-	-	-	-	.57	.13	.33	.36	-	-	-	-	-	-	-	.96	.19	-	-	-	-	-	-	-	-	-	-	-	-
CLARKSVILLE	2.85	.60	1.25	.20	-	-	-	-	-	-	-	-	.35	-	-	-	-	-	-	-	.40	-	-	-	-	-	-	-	-	-	-	-	-	-
CLINTON	2.36	-	.67	-	-	-	-	-	-	-	-	1.24	-	.20	-	-	-	-	-	-	.25	-	-	-	-	-	-	-	-	-	-	-	-	-
COLO SPRINGS GUARD STA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CORWAY	3.21	.07	1.12	.02	-	-	-	-	-	-	-	T	-	.72	-	-	-	-	-	-	1.28	-	-	-	-	-	-	-	-	-	-	-	-	-
CORNING	5.28	-	2.05	-	-	-	-	-	-	-	-	-	1.02	-	-	-	-	-	-	-	.44	-	-	-	-	-	-	-	-	-	-	-	-	-
COVE	5.51	-	-	-	-	-	-	-	-	-	.33	.40	.59	-	-	-	-	-	-	-	.53	-	-	-	-	-	-	-	-	-	-	-	-	-
CROSSETT 7 S	3.78	-	-	-	-	-	-	-	-	-	-	-	-	.35	.03	-	-	-	-	-	.02	1.98	.03	-	-	-	-	-	-	-	-	-	-	-
CRYSTAL VALLEY 2 NE	2.07	T	.48	-	-	-	-	-	.46	.34	-	T	T	-	-	-	-	-	-	-	.52	T	-	-	-	-	-	-	-	-	-	-	-	-
CUMMINS FARM	2.37	-	.01	-	-	-	-	-	-	.49	T	-	-	-	-	-	-	-	-	-	.70	.15	-	-	-	-	-	-	-	-	-	-	-	-
OALSY	2.07	-	.40	-	-	-	-	-	-	-	.12	-	-	-	.23	-	-	-	-	-	.32	.22	-	-	-	-	-	-	-	-	-	-	-	-
DAMASCUS	1.34	-	.97	T	-	-	-	-	-	-	-	-	-	.17	-	-	-	-	-	-	.20	-	-	-	-	-	-	-	-	-	-	-	-	-
DANVILLE	2.63	.23	.52	.01	-	-	-	-	-	.98	-	-	-	-	-	-	-	-	-	-	.68	.05	-	-	-	-	-	-	-	-	-	-	-	-
DARDANELLE	2.90	-	2.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.35	.29	-	-	-	-	-	-	-	-	-	-	-	-
DE QUEEN	7.08	-	.20	-	-	-	-	-	-	-	-	-	.05	.33	-	-	-	-	-	-	1.10	.35	-	-	-	-	-	-	-	-	-	-	-	-
DERMOTT	3.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.30	-	-	-	-	-	-	-	-	-	-	-	-	-
DES ARC	3.31	.05	1.85	.30	T	-	-	-	-	-	T	T	T	.25	-	-	-	-	-	-	.60	.13	-	-	-	-	-	-	-	-	-	-	-	-
DEVILLS KNOB	3.18	.51	1.65	.04	-	-	-	-	-	-	.10	-	-	-	.05	-	-	-	-	-	.12	.03	-	-	-	-	-	-	-	-	-	-	-	-
DIXIE	2.06	-	.44	-	-	-	-	-	-	-	-	-	-	.35	-	-	-	-	-	-	.26	.57	-	-	-	-	-	-	-	-	-	-	-	-
DUMAS 3 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EAGLE GAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EL OORADO CAA AIRPORT	5.18	-	-	-	-	-	-	-	.11	.07	.13	.01	T	-	.19	.10	-	-	-	.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EUREKA SPRINGS	4.01	T	2.76	.24																														

DAILY TEMPERATURES

ARKANSAS
AUGUST 1958

Station		Day Of Month																															Average		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX		MIN	MAX
ALUM FORK	MAX	97	94	98	90	90	91	94	91	90	89	92	93	94	93	94	93	94	90	92	91	87	80	83	87	86	89	90	95	96	94	96	91.5		
	MIN	74	70	71	68	66	68	68	67	68	67	70	72	71	72	72	71	72	72	71	66	62	67	67	70	68	68	66	69	69	67	67	68.0		
ARKAOELPHIA	MAX	96	92	96	93	94	94	95	95	96	93	95	99	98	97	99	98	92	89	92	92	87	80	89	87	84	88	90	92	95	90	95	92.5		
	MIN	76	75	72	71	66	69	69	77	70	70	70	74	73	73	73	73	72	62	66	69	73	73	70	71	61	62	62	67	69	69	69	69.9		
ASHOOWN	MAX	97	97	97	96	95	96	97	93	89	92	95	100	102	96	98	95	89	88	92	95	91	78	85	85	86	90	92	94	94	90	95	92.8		
	MIN	74	74	70	71	68	68	69	71	70	69	70	71	72	71	72	73	70	65	63	69	72	73	72	75	60	62	63	68	72	69	71	69.5		
BALO KNOB	MAX	92	90	90	89	91	92	92	93	93	93	93	93	91	93	93	92	84	92	97	90	89	86	84	82	80	86	88	91	94	90	93	90.0		
	MIN	73	70	70	67	65	68	72	70	69	68	70	69	69	69	69	69	66	60	65	69	69	67	63	65	59	53	58	59	66	65	62	66.0		
BATESVILLE LIVESTOCK	MAX	91	92	92	92	93	91	92	93	94	93	94	95	94	94	95	95	97	93	90	93	93	88	80	89	90	82	88	92	97	100	96	97.2		
	MIN	71	69	68	65	62	65	65	66	65	67	68	69	67	66	67	66	64	58	64	62	66	67	64	67	52	50	58	59	69	68	67	64.5		
BATESVILLE L AND O NO 1	MAX	93	91	91	92	93	90	93	94	90	95	94	89	93	95	95	93	85	91	92	87	83	83	87	84	85	90	94	97	93	91	90.8			
	MIN	73	71	69	68	67	68	65	70	67	68	69	69	68	66	68	68	66	60	60	63	68	68	68	69	55	51	60	60	70	70	64	66.0		
BENTON	MAX	93	94	93	91	93	93	93	94	94	94	92	92	92	94	95	95	90	92	92	95	90	88	84	90	89	90	91	95	89	90	91.8			
	MIN	67	68	68	65	64	65	66	65	64	62	68	68	71	74	65	66	64	62	68	60	72	63	64	60	57	62	56	59	64	64	65	64.7		
BENTONVILLE	MAX	88	90	90	91	90	92	86	85	85	91	93	94	90	95	97	88	83	90	91	90	86	80	85	82	81	89	92	95	89	92	89.0			
	MIN	70	68	70	65	63	63	67	65	67	61	68	74	70	65	67	68	62	54	60	63	68	60	60	62	48	54	58	63	66	67	62	67.7		
BLAKELY MOUNTAIN OAM	MAX	90	95	95	91	93	93	93	95	92	90	91	93	97	93	95	97	96	80	89	93	92	82	81	82	89	87	90	92	95	97	90	91.5		
	MIN	72	71	70	68	65	64	65	67	67	67	69	69	72	70	69	69	68	69	65	62	66	67	64	67	52	50	58	63	66	65	65	66.7		
BLYTHEVILLE	MAX	87	89	91	92	93	94	95	97	96	96	95	90	92	93	90	94	87	90	92	87	83	83	87	76	81	85	91	92	92	91	89.9			
	MIN	75	73	70	69	71	71	73	73	71	74	74	71	71	71	72	72	69	62	65	69	73	70	70	58	53	57	60	70	73	68	68.6			
BOONEVILLE	MAX	97	94	94	92	93	94	94	83	91	95	96	99	98	99	98	98	88	92	94	94	89	85	89	89	87	92	95	98	97	95	96	95.3		
	MIN	73	71	69	67	64	68	71	70	69	68	69	70	72	72	70	71	69	58	63	68	71	65	70	68	54	60	57	67	68	70	62	67.2		
BRINKLEY	MAX	91	90	90	91	94	94	94	92	92	93	94	90	93	96	95	95	83	91	92	91	88	85	80	88	81	85	89	92	90	96	90.5			
	MIN	72	69	70	70	68	70	70	70	68	70	72	71	70	70	70	70	67	61	62	60	68	66	60	69	60	55	59	67	67	65	67.0			
CAMDEN 1	MAX	93	95	94	95	93	93	92	95	92	95	92	95	97	91	96	96	96	80	90	93	95	80	82	84	84	85	88	91	95	92	90	91.1		
	MIN	77	77	72	74	66	69	70	73	69	70	69	73	74	70	71	73	74	66	66	68	71	73	74	69	63	61	63	65	68	68	70	69.9		
CAMP CHAFFEE	MAX	91	95	94	93	90	91	94	92	84	87	93	94	96	94	94	94	83	88	90	92	93	86	87	87	85	90	93	96	96	90	91.4			
	MIN	75	69	70	70	66	69	72	69	69	70	71	71	72	73	72	73	70	60	65	69	72	69	72	56	62	61	68	68	71	65	68.6			
CLARKSVILLE	MAX	92	94	95	90	91	92	91	92	89	93	94	96	95	95	98	92	90	90	93	92	88	85	88	82	80	90	93	96	99	92	96	91.7		
	MIN	73	66	68	67	64	65	68	71	69	68	68	74	72	72	72	72	68	64	63	71	73	70	72	68	55	60	60	68	68	68	64	67.7		
CONWAY	MAX	94	91	94	90	92	93	94	92	93	92	94	92	95	95	94	93	86	92	92	90	89	86	84	90	87	88	90	92	95	91	95	91.4		
	MIN	74	70	71	68	67	68	67	69	68	67	70	68	70	70	70	70	66	59	65	65	72	66	69	67	57	57	64	68	72	72	66	67.5		
CORNING	MAX	88	90	91	94	92	94	92	95	96	94	94	92	93	95	94	92	85	91	90	90	85	84	83	83	79	85	89	95	94	91	90	90.5		
	MIN	75	71	71	68	70	71	72	74	72	74	74	68	73	73	71	71	69	64	68	65	68	69	65	60	63	70	69	68	68	68	66	66.6		
CROSSETT 7 S	MAX	94	94	94	93	95	94	94	94	93	93	93	96	88	94	92	95	89	90	92	93	89	83	85	85	86	87	89	91	92	90	95	91.2		
	MIN	75	75	72	70	65	68	69	70	68	70	68	70	70	70	70	70	72	65	64	65	67	72	73	74	70	60	61	62	65	64	67	68.4		
CUMMINS FARM	MAX	94	93	93	91	93	94	94	94	92	92	93	91	90	94	94	95	89	90	89	90	91	89	84	81	88	81	85	87	90	91	90	93.5		
	MIN	77	75	71	71	69	71	71	72	69	71	71	71	67	73	72	70	69	68	64	69	69	69	64	72	64	60	63	62	65	63	66	69.0		
OAROANELLE	MAX	93	90	91	90	90	91	90	88	88	91	91	94	92	92	97	95	89	95	95	93	86	86	87	90	88	92	95	97	101	96	96	91.9		
	MIN	75	71	72	68	67	78	71	75	72	70	73	73	76	72	72	71	68	61	64	71	74	68	71	72	60	60	61	67	71	71	66	69.7		
DE QUEEN	MAX	98	98	97	94	94	95	95	85	91	94	98	101	100	94	98	98	88	90	93	94	84	80	89	90	90	93	94	96	96	89	96	93.5		
	MIN	70	72	68	68	64	66	67	67	68	66	66	68	69	68	68	70	66	59	59	66	68	69	69	65	55	57	59	64	66	65	67	65.8		
OES ARC	MAX	90	94	92	90	91	93	94	95	94	93	92	95	89	94	95	95	94	75	84	92	89	89	83	89	88	89	85	85	92	95	95	90.6		
	MIN	77	71	72	70	69	72	74	74	71	71	73	73	71	72	73	73	67	63	68	65	69	68	68	69	62	57	62	62	69	68	69	69.0		
DEVILS KNOB	MAX	86	86	82	86	82	85	83	83	82	87	88	87	85	85	85	84	75	82	86	84	81	77	76	74	77	81	83	87	91	87	86	83.3		
	MIN	68	67	69	69	68	69	71	68	68	67	69	68	71	69	70	71	65	61	71	68	68	63	62	58	54	59	67	66	69	68	66	66.7		
DIERKS	MAX																																		
	MIN																																		
OMAS 3 S	MAX	94	93	93	90	93	94	94	94	92	93	94	93	92	94	95	95	85	89	90	92	85	85	82	84	83	85	88	90	91	90	92	90.5		
	MIN	76	75	72	71	69																													

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HOT SPRINGS 1 NNE	MAX	96	95	98	96	95	95	92	89	91	93	99	96	97	95	93	84	92	93	92	85	79	82	90	88	90	91	91	95	89	95	92	92.1
	MIN	77	72	74	71	68	70	72	68	69	69	73	73	74	74	74	74	68	65	70	69	72	71	68	70	62	62	68	69	74	72	72	70.5
JONESBORO	MAX	92	91	93	92	94	95	95	94	96	95	96	92	95	96	93	94	91	90	92	80	82	85	90	81	87	90	94	95	92	93	91.9	
	MIN	72	71	72	69	71	71	72	73	70	73	74	69	72	72	72	72	67	65	68	64	71	70	65	69	58	54	61	62	62	62	69	68.7
KEO	MAX	94	89	92	90	93	93	95	94	93	91	93	89	91	95	94	95	88	88	92	91	85	81	80	87	81	85	88	92	94	90	94	90.2
	MIN	77	71	71	69	67	70	68	68	68	69	71	72	70	72	71	70	68	62	67	68	70	70	68	69	61	57	63	64	67	66	66	68.1
LEAD HILL	MAX	90	90	90	89	90	93	92	92	92	93	95	94	95	93	94	90	88	92	92	92	90	83	81	85	80	90	91	95	98	92	91	90.7
	MIN	71	65	66	66	61	63	66	72	69	66	68	68	68	68	66	68	65	55	60	64	70	66	66	65	52	52	58	61	64	69	63	64.5
LITTLE ROCK W8 AIRPORT	MAX	95	91	92	90	93	93	94	95	92	90	94	92	92	94	93	95	80	90	91	92	84	82	80	89	84	89	91	92	94	89	94	90.5
	MIN	78	73	75	74	71	73	72	73	72	72	74	75	73	76	76	75	68	67	71	70	75	73	69	72	65	63	68	70	70	72	70	71.8
MAGNOLIA 3 N	MAX	98	95	98	95	96	97	98	98	96	94	96	101	102	96	97	100	90	90	95	99	92	81	85	85	87	90	93	94	93	91	93	94.0
	MIN	74	74	69	69	64	65	64	70	68	69	65	69	70	65	70	68	65	61	66	66	70	70	70	70	63	58	61	65	68	66	64	66.8
MALVERN	MAX	95	93	94	93	94	95	96	97	94	91	91	97	95	96	96	93	87	89	95	93	88	83	81	88	83	87	90	92	93	89	90	91.5
	MIN	72	73	68	65	61	62	62	65	66	68	68	68	69	69	68	68	67	61	63	63	69	70	67	68	58	57	58	61	66	66	63	65.4
HAMMOTH SPRING	MAX	90	90	92	92	92	93	93	94	92	93	96	92	93	93	94	93	86	92	92	92	90	85	84	86	79	87	89	95	98	93	90	91.0
	MIN	74	69	66	62	64	65	65	63	63	68	68	68	68	66	67	69	65	57	64	60	65	66	64	66	52	50	58	60	68	70	64	64.5
MARIANNA 2 S	MAX	93	91	91	90	94	94	93	92	93	91	92	89	93	94	94	94	81	89	89	85	85	83	89	81	84	87	89	90	90	93	89.8	
	MIN	77	71	71	69	70	72	71	74	70	70	72	71	70	70	71	70	69	62	68	62	67	65	69	72	62	63	61	59	67	66	71	68.2
MARKEO TREE	MAX	88	88	89	90	93	93	93	94	94	92	94	87	90	93	90	91	91	88	86	87	86	83	79	85	77	79	84	88	90	90	89	88.4
	MIN	77	72	72	67	71	73	73	72	70	72	74	70	73	73	73	72	72	65	69	65	68	68	71	71	58	55	62	62	68	70	68	69.1
MARSHALL	MAX	91	87	87	88	90	90	90	90	90	91	92	92	90	92	93	90	83	89	90	89	85	78	83	84	80	88	90	93	96	93	90	88.8
	MIN	72	68	66	65	61	63	66	66	66	64	66	66	68	65	67	66	62	54	59	68	68	67	63	66	49	54	60	66	70	68	63	64.3
MENA	MAX	94	93	96	95	93	97	94	82	89	91	92	98	95	96	97	94	86	91	93	90	84	76	90	86	87	90	90	92	94	87	94	91.1
	MIN	74	70	70	68	64	67	69	69	69	68	68	73	74	73	70	71	69	60	63	67	70	71	70	70	59	60	62	69	72	71	67	68.3
MONTICELLO 3 S	MAX	95	94	93	91	93	94	95	94	91	92	94	94	93	94	94	95	92	89	90	93	90	83	81	85	83	87	90	91	92	89	94	91.1
	MIN	75	74	72	75	74	75	73	71	73	75	74	76	71	76	76	76	71	68	68	64	71	70	73	71	65	60	62	61	68	67	69	70.8
MORRILTON	MAX	95	92	93	91	92	92	94	92	92	92	95	88	93	95	95	94	87	91	93	92	88	88	85	90	86	91	93	96	100	93	97	92.1
	MIN	75	71	73	71	68	70	69	71	69	68	72	72	73	72	71	71	68	62	67	69	73	67	70	71	60	59	64	66	70	70	66	69.0
MOUNT 1DA	MAX	94	94	94	92	92	93	93	87	85	92	95	96	95	95	96	97	87	89	92	92	84	80	88	88	86	91	92	95	97	94	96	91.6
	MIN	72	71	68	65	61	62	65	70	69	64	67	64	71	70	69	69	69	62	61	65	71	70	70	65	55	58	59	62	69	71	63	66.0
MOUNT MAGAZINE	MAX	82	85	84	80	81	82	82	80	79	82	87	88	84	85	84	86	80	82	84	80	79	73	78	78	77	84	87	87	91	81	83	82.4
	MIN	64	66	60	65	66	67	71	66	66	67	67	67	68	69	71	69	61	64	65	61	60	64	63	66	58	60	61	63	71	66	67	65.3
MOUNTAIN HOME 1 NNW	MAX	87	86	89	88	89	88	88	90	90	91	91	88	92	92	91	88	85	90	91	89	87	82	82	84	82	87	89	93	96	91	89	88.5
	MIN	72	69	69	69	66	69	68	72	69	70	69	68	68	70	70	70	65	60	66	67	71	67	66	68	54	55	62	65	69	71	65	67.1
MOUNTAIN HOME C OF ENG	MAX	87	88	88	88	88	91	90	89	91	90	92	92	89	92	92	93	85	91	91	90	88	80	83	84	78	88	89	93	97	90	88.9	
	MIN	68	70	69	67	63	67	65	71	68	68	69	70	68	68	68	69	65	59	64	65	69	68	67	68	53	52	59	62	68	68	63	65.7
NARROWS OAM	MAX	93	95	95	96	95	95	96	97	87	89	94	94	97	97	95	97	78	78	90	93	92	76	80	87	90	79	90	91	93	98	89	91.5
	MIN	71	72	68	69	61	64	66	69	69	66	67	67	70	69	70	70	71	58	62	65	72	70	71	69	59	58	60	62	66	64	66	66.5
NASHVILLE PEACH SUBSTA	MAX	92	95	95	95	93	93	95	95	88	88	93	94	99	98	93	95	96	88	88	92	92	75	74	86	88	85	86	89	91	92	87	90.6
	MIN	72	74	70	73	66	68	68	72	70	68	70	69	72	70	71	71	69	65	65	69	72	69	68	69	61	61	63	64	67	66	67	68.4
NEWPORT	MAX	89	87	91	90	90	92	93	94	93	90	93	97	91	93	94	92	83	90	90	88	87	84	79	87	76	82	85	89	91	88	92	89.0
	MIN	77	71	70	69	69	72	70	73	70	71	73	71	72	76	72	73	68	64	70	65	70	68	67	64	59	56	62	64	69	72	68	68.8
NIMROD OAM	MAX	89	97	94	94	91	92	93	93	92	88	93	95	96	94	95	96	85	83	88	93	94	83	82	84	88	85	91	94	97	100	91	91.6
	MIN	73	71	72	69	63	65	65	69	67	65	67	70	75	69	69	68	67	64	63	67	71	66	68	69	57	56	61	64	70	67	63	66.8
OKAY	MAX	97	95	98	96	96	98	100	93	87	94	95	101	99	96	97	98	93	90	94	95	90	89	88	90	88	91	92	95	95	91	93	94.0
	MIN	75	75	71	72	67	68	69	70	71	74	74	73	73	72	73	73	70	64	65	71	70	73	72	72	62	63	65	70	72	69	73	70.2
OZARK	MAX	93	91	94	91	90	92	92	89	89	92	95	95	94	94	93	92	85	90	94	92	86	88	89	88	86	90	95	97	99	92	97	91.7
	MIN	74	72	70	69	67	70	72	71	71	70	71	74	74	73	74	74	74	60	64	72	73	69	72	70	57	58	61	65	69	70	65	69.0
PARAGOULD	MAX	87	88	89	91	91	92	9																									

DAILY TEMPERATURES

ARKANSAS
AUGUST 1958

Continued

Station		Day Of Month																															Average		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
		STUTTIGART 9 ESE	MAX	89	93	89	91	89	93	92	93	92	93	91	91	90	91	93	94	93	78	89	90	90	82	83	80	87	81	83	86	88		90	89
	MIN	78	71	73	74	70	72	72	75	71	72	74	74	72	73	74	72	72	66	69	65	70	71	71	71	64	60	63	65	69	68	69	70.3		
SUBIACO	MAX	95	92	95	92	92	94	92	87	89	92	96	97	95	96	92	93	85	91	94	96	85	86	89	89	87	87	98	101	102	96	97	92.6		
	MIN	72	70	70	66	65	68	69	72	69	67	70	71	72	70	70	70	66	60	68	68	70	67	68	69	56	58	60	65	67	72	65	67.4		
TEXARKANA WB AIRPORT	MAX	96	93	97	95	95	95	95	92	89	92	93	97	99	94	95	94	82	89	93	93	80	77	85	80	85	89	90	93	92	88	92	90.9		
	MIN	76	77	74	73	71	73	74	72	70	71	72	75	73	72	75	76	71	69	67	73	70	73	73	72	64	65	68	71	74	70	74	71.9		
TURNPIKE	MAX																																		
	MIN																																		
WALORON	MAX	97	94	94	92	93	95	94	89	92	92	95	99	97	98	99	95	91	91	94	94	90	82	89	87	85	90	94	97	99	95	95	93.2		
	MIN	73	71	69	67	63	64	69	72	70	67	68	69	74	70	69	70	69	64	63	69	72	68	71	70	55	59	58	64	66	70	62	67.3		
WALNUT RIDGE CAA AIRPORT	MAX	87	89	90	90	90	92	90	93	93	92	93	90	91	94	93	91	85	90	88	90	87	83	83	86	77	85	87	91	93	90	89	89.1		
	MIN	71	71	72	70	71	72	73	75	73	75	74	70	74	73	74	70	68	66	70	66	71	71	67	65	58	55	63	65	71	73	68	69.5		
WARREN	MAX	96	95	96	95	96	96	98	97	93	94	95	96	91	95	98	100	88	91	93	94	87	82	81	84	86	88	89	92	94	94	95	92.5		
	MIN	71	77	72	72	72	70	71	73	68	70	70	73	73	73	73	73	71	65	67	67	70	71	73	72	65	60	66	65	70	68	70	70.0		
WHITE ROCK	MAX	87	85	86	85	84	85	85	81	81	87	87	86	89	89	87	86	78	84	87	87	81	78	83	78	78	82	86	89	90	86	87	84.6		
	MIN	71	67	70	70	67	67	71	68	65	69	68	71	72	70	72	72	64	67	68	67	67	64	63	66	56	62	66	67	71	68	67	67.5		
WILSON	MAX																																		
	MIN																																		
WYNNE	MAX	91	89	89	90	92	93	92	94	93	91	93	88	94	94	92	92	88	90	89	89	88	85	86	87	87	84	89	92	91	92	91	90.2		
	MIN	72	72	71	65	68	71	69	72	70	69	72	72	69	70	71	70	68	58	66	60	71	69	67	71	59	57	59	59	66	70	68	67.5		

EVAPORATION AND WIND

Station		Day of month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		BLAKEY MOUNTAIN DAM	EVAP	.15	.18	.31	.20	.20	.16	.18	.18	.13	.15	.14	.21	.18	.16	.20	.18	.23	.10	.19	.20	.18	.07	.07	.08	.26	.18	.18	.15	.21	
	WIND	14	29	21	26	11	*	9	11	13	22	16	21	17	14	12	12	22	21	11	12	14	11	22	16	40	18	14	25	12	21	24	531
HOPE 3 NE	EVAP	.21	.26	.17	.28	.26	.20	.20	.18	.40	.21	.18	.22	.23	.18	.19	.22	.24	.11	.23	.19	.22	.03	.05	.12	.11	.20	.18	.19	.22	.20	-	6.088
	WIND	30	37	24	13	11	8	9	9	19	24	15	17	26	17	5	3	15	21	8	5	13	7	9	21	21	20	11	23	19	29	20	509
MOUNTAIN HOME C OF ENG	EVAP	.13	-	.17	.18	.23	.19	.24	.16	.17	.22	.22	.24	.17	.25	.25	.19	.16	.23	.21	.23	.21	.20	.14	.13	.27	.20	.19	.21	.22	.24	.26	6.318
	WIND	11	14	12	8	5	9	15	13	9	9	8	20	16	15	14	11	32	9	7	13	12	24	19	16	39	13	13	15	22	28	31	482
NARROWS DAM	EVAP	.17	.26	.23	.27	.25	.23	.34	.12	.12	.11	.23	.21	.22	.21	.24	.22	.24	.07	.21	.23	.21	.00	.08	.18	.15	.22	.17	.26	.20	.23	.19	6.07
	WIND	24	27	26	18	13	13	16	12	20	18	22	18	19	16	14	11	18	8	14	17	24	23	25	12	19	15	11	17	23	22	30	565
NIMROD DAM	EVAP	.21	.07	.23	.20	.22	.11	.29	.20	.15	.05	.22	.24	.13	.24	.23	.20	.20	.08	.21	.21	.22	.2	.3	.06	.09	.09	.20	.21	.22	.21	.18	5.65
	WIND	4	7	9	8	7	3	5	15	6	3	*	18	5	4	6	1	4	2	2	2	3	*	3	2	9	6	4	6	9	9	8	170
STUTTIGART 9 ESE	EVAP	.19	.19	.15	.20	.21	.20	.18	.15	.15	.15	.19	.26	.11	.17	.22	.21	.20	.04	.17	.21	.18	.07	.09	.02	.12	.19	.17	.16	.19	.23	.20	5.17
	WIND	54	27	10	5	5	1	0	2	5	4	8	25	26	5	6	2	*	14	1	5	5	9	3	4	11	11	2	5	22	65	48	390

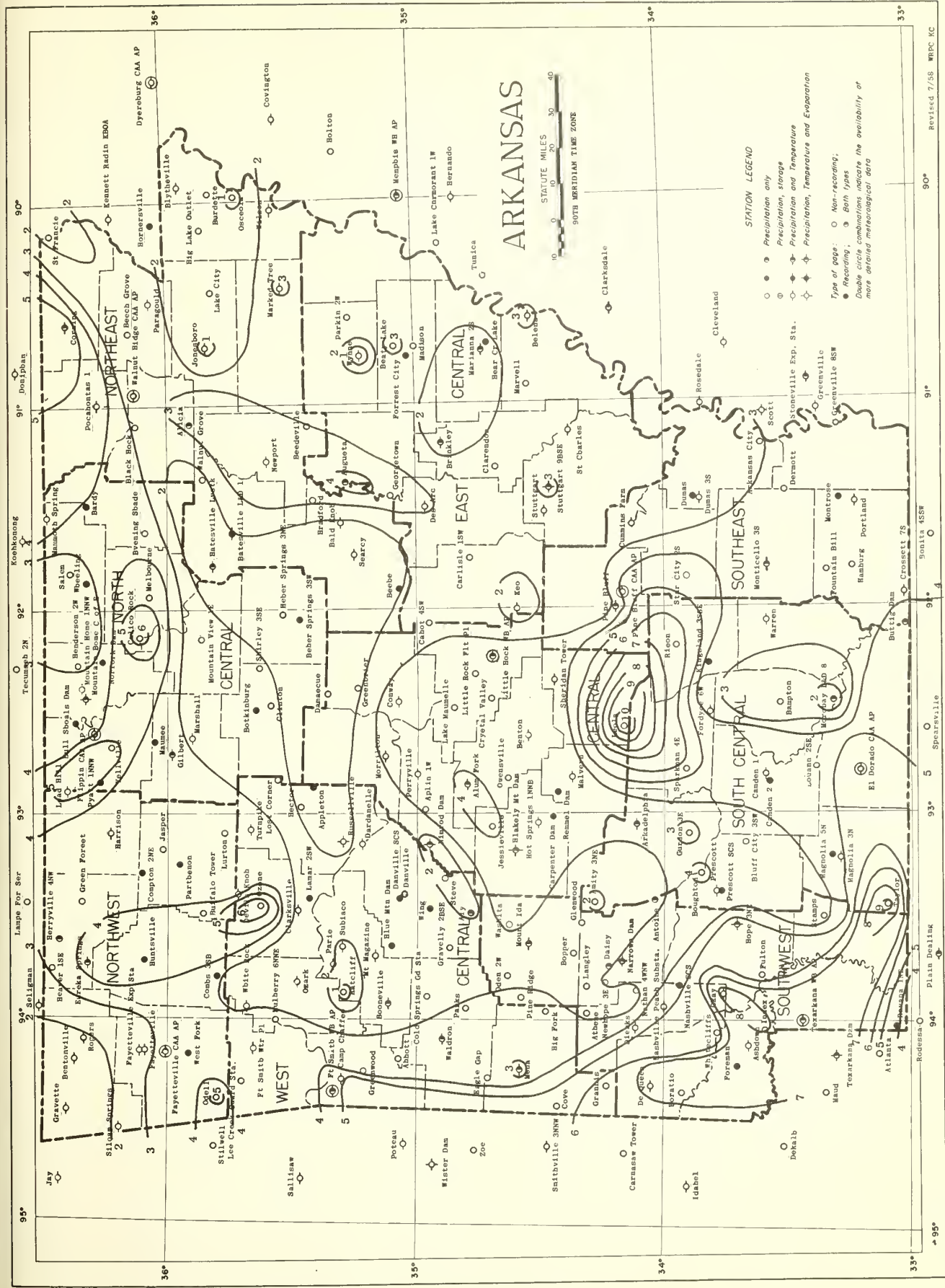
Much of the data presented in this publication comes from observations taken by volunteer cooperative observers. These observations are mailed after the close of the month to a Weather Records Processing Center, where they are checked for accuracy and completeness and placed on punch cards. These cards are used to prepare copy for the various tables. Printing and mailing is done at the National Weather Records Center at Asheville, North Carolina.

The various steps all take time. Records for any state cannot be checked by machine until nearly all of them for that state have been received. Printing cannot be done until all the tables and the text for an issue are completed and assembled.

Constant effort is made to speed up publication and still maintain high quality of the data. A realistic deadline for mailing the printed Climatological Data has been set as the 15th of the second following month (45 days after the end of the month for which data are published). If any recipient's copy is unduly delayed, the Director, National Weather Records Center, Asheville, North Carolina, should be advised.

TOTAL PRECIPITATION

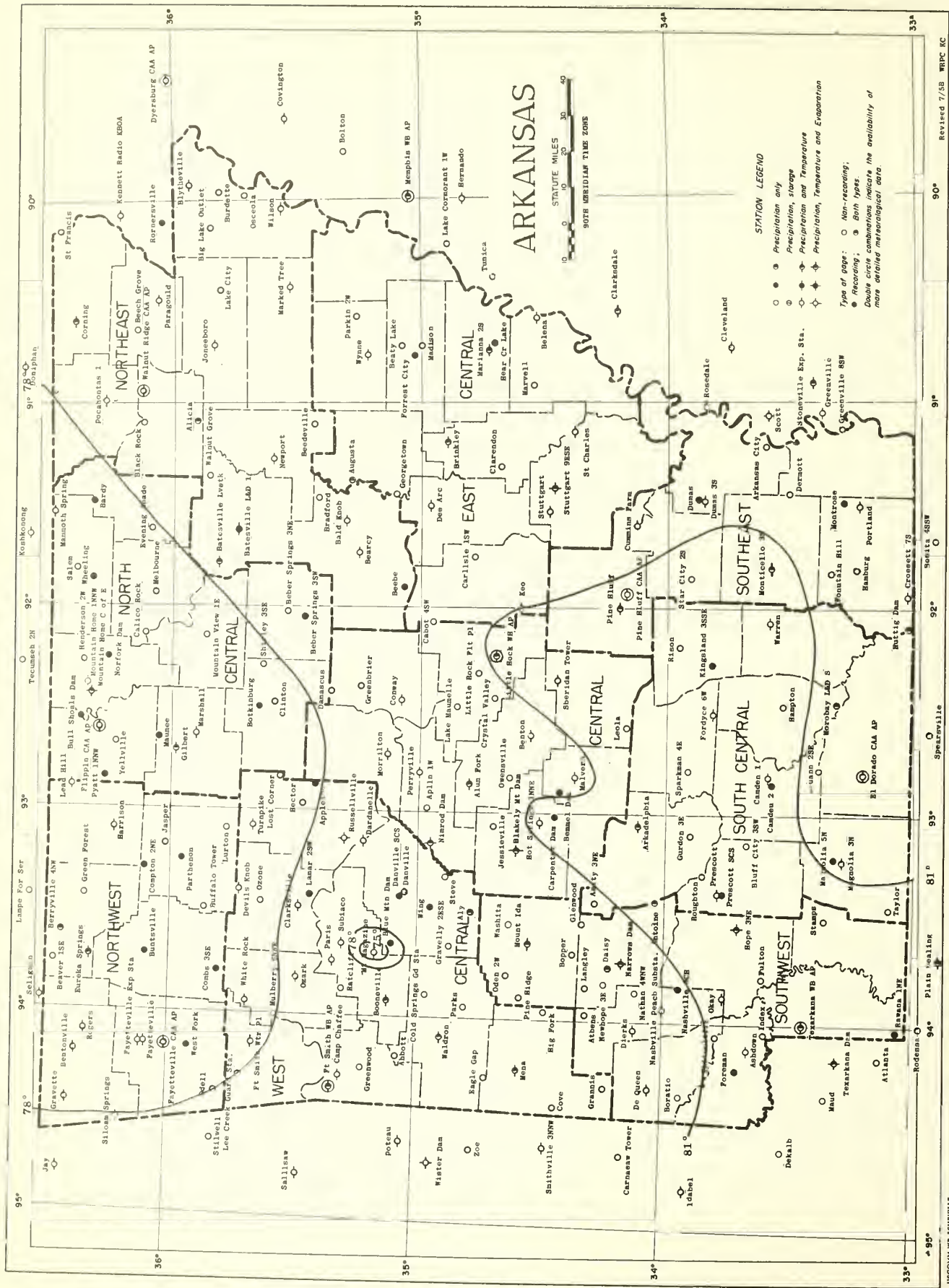
AUGUST 1958



USC&GS, W.B. ASHVEILL
 Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".
 Revised 7/58 WPC KC

AVERAGE TEMPERATURE

AUGUST 1958



STATION LEGEND

- Precipitation only
- ◊ Precipitation, storage
- ◐ Precipitation and Temperature
- ◑ Precipitation, Temperature and Evaporation

Type of page:

- Non-recording;
- ◊ Recording;
- ◐ Both types.

Double circle combinations indicate the availability of more detailed meteorological data.

USCOMAF WFO ASHVILLE
 Isotherms are drawn through points of approximately equal values.

STATION INDEX

ARKANSAS
AUGUST 1958

STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	OBSERVATION TIME AND TABLES						OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	OBSERVATION TIME AND TABLES						OBSERVER																			
						TEMP	PRECP	EVPAP	SPECIAL USE OTHER	TEMP	PRECP								EVPAP	SPECIAL USE OTHER	TEMP	PRECP	EVPAP	SPECIAL USE OTHER																				
																										TEMP	PRECP	EVPAP	SPECIAL USE OTHER	TEMP	PRECP	EVPAP	SPECIAL USE OTHER											
ABBOTT	D006	SCOTT	1	35 04	94 12	624	7A					JAMES V. WILLIAMS	MALVERN	4562	HOT SPRING	3	34 23	92 49	311	5P	5P				RADIO STATION KBOK																			
ALBANY	D004	LAWRENCE	1	34 24	91 05	756	7A					RUEBY B. OWENS	ICEY SPRING	4572	FULTON	7	36 29	91 32	490	5S	7A				JOHN H. NEESE																			
ALUN FORK	Q130	SALINE	1	34 48	92 52	755	5P					LITTLE ROCK WATERWORKS	4636	LEE	2	34 44	90 46	234	6P	6P				UNIVERSITY OF ARKANSAS																				
ALY	1036	YELL	1	34 47	93 29	854	7A					REBA T. SWAIN	MARKED TREE	4654	POINSETT	5	35 32	90 25	229	6P	7A				JOHN F. SHEARON																			
BEAVER 3 SE	1034	CLARK	1	34 17	93 25	854	7A					ALTA F. GARNER	MARSHALL	4666	SEARCY	1	35 24	91 38	1050	5S	7A				ALVIN F. WEAVER																			
ANTOINE	D178	PIKE	3	34 02	93 25	785	8A					OREW A. LAMB	MARVEL	4678	PHILLIPS	7	34 33	90 55	195	8A					HELEN WALLACE																			
APRIL IN W	0188	PERRY	1	34 58	93 00	400	7A					HOBART WATTS	MAUNE	4696	SEARCY	7	36 03	92 39	749	7A					STERLING ADAMS																			
APPLETON	D198	POPE	1	35 25	92 53	522	7A					JOHN A. JONES	MELBOURNE	4740	IZARD	7	36 04	91 56	810	7A					IVAN L. SHRAPER																			
ARCADENHIA	0220	CLARK	3	34 07	93 03	200	6P	7A				TILLMAN E. LAWRENCE	NENA	4754	POLK	3	34 35	94 15	1207	6P	7A				RICHARD W. ST. JOHN																			
ARKANSAS CITY	0234	DESHA	2	33 37	91 52	145	8A					JOHN W. TRAMMELL	MONTECELLO 3 S	4900	DREW	3	33 35	91 48	265	5P	5P				RADIO STATION KBHM																			
ASHDOWN	0284	LITTLE RIVER	4	33 40	93 08	329	7P					SW GAS AND ELECTRIC CO	MONROE	4904	ASHLEY	3	33 19	91 29	125							ARK POWER AND LIGHT CO																		
ATHENS	D300	HOWARD	4	34 19	93 58	760	7P					ARRA D. PARKER	NOROBAT LOCK AND DAM	4936	CALHOUN	3	33 19	92 27	85	7A						U S CORPS OF ENGINEERS																		
AUGUSTA	D326	WOODRUFF	7	35 17	91 22	218	7A					HOMER W. CHANEY	MORRILTON	4938	CONWAY	1	35 07	92 45	280	6P	6P					EMMA S. LEAVELL																		
BAILEY KNOB	0458	INDEPENDENCE	7	35 49	91 47	571	9A					ETTA C. BURKS	MONTICELLO	4968	MONTGOMERY	3	34 33	93 38	863	5P	7A					WILLIAM E. BLACK																		
BATESVILLE LIVESTOCK	0458	INDEPENDENCE	7	35 49	91 47	571	9A					UNIVERSITY OF ARKANSAS	MOUNTAIN HOME I C NW	5036	BAXTER	7	36 20	92 23	800	6P	6P					RADIO STATION KTLO																		
BATESVILLE L AND D 1	0460	INDEPENDENCE	7	35 45	91 38	277	5P	7A				JAMES J. MITCHUM	MOUNTAIN HOME I ENW	5038	BAXTER	7	36 20	92 23	800	6P	6P					U S CORPS OF ENGINEERS																		
BEAR CREEK LAKE	0496	LEE	7	34 43	90 42	220	7A					U S FOREST SERVICE	MOUNTAIN VIEW I E	5044	STONE	3	35 52	92 08	768	7A						NELL A. TAPLEY																		
BEAVER 1 SE	0512	ST FRANCIS	5	35 05	90 43	400	5P					L. G. ADAMSON	MULBERRY 6 NNE	5072	FRANKLIN	1	35 34	94 01	500	7A						HENRY G. ARVIN																		
BEAVER 3 SE	0518	CARROLL	7	36 28	93 46	930	7A					HARVEY E. SKELTON	NARROWS DAM	5110	PIKE	3	34 09	93 43	425	8A	8A					U S CORPS OF ENGINEERS																		
BEAVER 5 SE	0530	WHITE	7	35 04	91 53	250	5A					NARVIN MORRISON	NASHVILLE PEACH SUBSTA	5112	HOWARD	4	34 30	93 56	550	7A							UNIVERSITY OF ARKANSAS																	
BECH GROVE	0534	GREENE	7	36 09	90 38	298	8A					B. B. HAMMOND	NASHVILLE SCS	5114	HOWARD	4	34 37	93 51	373	7A								UNIVERSITY OF ARKANSAS																
BEDEVILLE	0536	JACKSON	6	34 33	92 37	295	5P					P. M. BRECKENRIDGE	NATHAN 4 NW	5158	HOWARD	3	34 07	93 52	550	7A									UNIVERSITY OF ARKANSAS															
BENTON	0542	SALINE	6	34 33	92 37	295	5P					EARLE L. BROWNE	NEMPHO 3 E	5174	PIKE	3	34 14	93 50	850	7A									ELSLIE F. WARD															
BENTONVILLE	0586	ANTON	1	36 22	94 13	1295	6P	7A				D. DAVID L. STIDHAM	NEWPORT	5186	JACKSON	7	35 36	91 17	225	5S	7A									H. LUTHER D. SUMMERS, JR														
BERRYVILLE 4 NW	0616	CARROLL	7	36 26	93 37	1150	7A					ANNA M. LILES	NINPOO DAM	5200	PERRY	1	34 57	93 10	480	8A	8A									U S CORPS OF ENGINEERS														
BIG FORK	0644	POLK	3	34 29	93 58	1100	7A					W. M. CRANDALL	NORDEE DAM	5228	WHEELING	1	35 48	94 24	1500	7A										U S CORPS OF ENGINEERS														
BIG LAKE OUTLET	0678	MISSISSIPPI	1	35 07	90 08	228	7A					L. E. W. MCKENNEY	OSCEOLA	5400	MISSISSIPPI	2	35 43	89 59	245	6A											THOMAS F. MCKINION													
BLACK ROCK	0748	LAWRENCE	7	36 07	91 08	259	7A					C. H. CATHERINE WHITE	OWENVILLE	5408	FRANKLIN	1	35 29	93 09	396	6P	6A											H. BURNS WAKEFIELD												
BLAKELY MOUNTAIN DAM	D764	GARLAND	3	34 36	93 11	426	8A	8A	8A			C. H. C. THOMAS M. PEARSON	OZARK	5524	WASHINGTON	1	35 48	94 24	1500	7A													J. R. HUDDLESTON											
BLUE MOUNTAIN DAM	D798	YELL	1	35 06	93 39	455	7A					U S CORPS OF ENGINEERS	OZON	5514	JOHNSON	3	35 38	93 27	1900	7A													RADIO STATION KBOB											
BLUFF CITY 3 SW	D800	NEVADA	3	33 43	93 09	360	7A					H. C. HATHORN	PARADOL	5562	GREENE	4	36 04	90 29	275	4P														FRANK TAYLOR										
BLYTHEVILLE	D806	MISSISSIPPI	1	35 56	89 55	292	6P	7A				W. MARSHALL HICKMAN	PARIS	5574	LOGAN	1	35 18	93 43	410	6P														CORINE O. GARNER										
BOONVILLE	D830	LOGAN	1	35 09	93 55	511	7P	7A				RICHARD K. WEIS	PARJIN 2 W	5586	CROSS	5	35 16	90 35	222	7A														BOHAR K. HANSARD										
BOTKINSBURG 2 S	D842	VAN BUREN	7	35 39	92 30	1200	7A					BEULAH F. FOWLER	PARKS	5591	SCOTT	3	34 48	93 57	668	7A														ARTHUR B. CARLTON										
BOURBON	D948	NEVADA	3	33 52	93 52	360	7A					U S CORPS OF ENGINEERS	PARSONAGE	5602	HOWARD	3	36 12	94 09	325	7A															BENEDICTINE SISTERS									
BRADFORD	0872	WHITE	7	35 25	91 28	240	7A					G. A. HALE	PERRYVILLE	5694	PERRY	1	35 02	92 49	325	7A																	MRS. FRANCIS FINKEBER							
BRINLEY	0936	MONROE	7	34 53	91 12	205	5P					B. N. WALTHER	PINE BLUFF	5754	JEFFERSON	1	34 12	92 00	215	7P	7A																MRS. EMMA GRESHAM							
BUFFALO TOWER	1010	NEWTON	7	35 25	93 30	-	7A					AUSTIN D. HARRIS	PINE BLUFF CAA AIRPORT	5756	JEFFERSON	1	34 10	91 56	205	MID	MID																		U S CIVIL AERO ADM					
BULL SHOALS DAM	1020	BAXTER	7	36 04	92 46	460	6P					H. LEONARD B. DILLWORTH	PINE RUFF	5760	MONTGOMERY	3	34 35	93 56	840	7A																	J. R. HUDDLESTON							
BURDETTE	1052	MISSISSIPPI	1	35 49	89 57	240	6P					U S CORPS OF ENGINEERS	POCAHONTAS 1	5820	RANDOLPH	7	36 16	91 59	330	7A																			BENEDICTINE SISTERS					
CABOT 4 SW	1102	PULASKI	7	34 57	92 04	289	5P					C. A. MALE	PORTLAND	5846	ASHLEY	3	33 14	91 30	122	7A																					PEARL NEWBY			
CALICO ROCK	1132	IZARD	7	36 07	92 08	400	7A					JOHN L. TAIT	PRESCOTT	5908	NEVADA	3	33 48	93 23	318	7A																					H. R. P. HANBY			
CAMDEN	1152	OUACHITA	3	33 36	92 49	116	7A					ARK POWER AND LIGHT CO	PRESCOTT SCS	5910	NEVADA	3	33 48	93 23	318	7A																				U S SOIL CONS SERVICE				
CANDLER	1154	OUACHITA	3	33 36	92 51	116	7A					B. F. NORTHEN	PRATT 1 NW	5970	MARTIN	7	36 14	92 51	800	7A																					ONA V. MCLEAN			
CAMP CHAFFEE	1172	SEBASTIAN	1	35 18	94 18	419	8A	6P				IRVING T. BAECH	RATCLIFF	6006	LOGAN	1	35 18	93 53	463	7A																					LULA M. WEEKS			
CARLISLE 1 SW	1224	LONGKE	1	34 47	91 45	235	8A					EARL B. RIDDICK	RAVANA 1 NE	6016	MILLER	4	33 04	94 02	250	7A																					BOBBY L. ALLEN			
CARPENTER DAM	1238	GARLAND	3	34 27	93 01	405	6P					MARGARET ZORNES	RENNEL DAM	6102	HOT SPRING	3	34 26	92 54	315																						ARK POWER AND LIGHT CO			
CLARENDON	1467	MONROE	7	34 41	93 18	172	7A					C. MAUDE C. BRASHERS	RISE	6174	CLEVELAND	3	33 57	92 11	231	8A																						J. H. YANEY		
CLARKVILLE	1492	JOHNSON	1	35 28	92 48	360	6P					WILLIAM L. WILSON	ROGERS	6248	BENTON	7	36 20	94 07	1367	5S	5S																					H. HOWARD FOWLER		
CLINTON	1492	VAN BUREN	7	35 35	92 28	510	7A					H. CLARENCE S. WILLIAMS	RUSSELLVILLE	6352	POPE	1	35 18	93 08	360	5P	5P																							W. W. SPAULDING
COLD SPRINGS GUARD STAT	1520	SCOTT	3	34 58	93 54	1250	7A					LAURA POLK	SAINT CHARLES	6376	ARKANSAS	7	34 23	91 08	200	8A																						U S FISH AND WILDLIFE		
COMBS 3 SE	1574	MADISON	7	35 48	93 48	1400	7A					JOE C. ALLEN	SAINT FRANCIS	6380	CLAY	5	36 27	90 08	300	7A																						WILLIAM S. BUCKLEY		
COURTIN 2 NE																																												

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA Stations. For those stations snow on ground values are at 0600 C.S.T.

In the Station Index the letters C, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes and are published later in "Hourly Precipitation Data" Bulletin.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

Other Reference Notes

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Daily Precipitation" Table, "Evaporation and Wind" Table, "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW and the MONTHLY CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

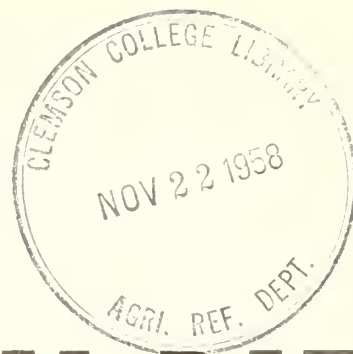
USCOMM-WB-Asheville -- 10-2-58 -- 925

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U. S. DEPARTMENT OF COMMERCE

WEATHER BUREAU

F. W. REICHELDERFER, Chief



CLIMATOLOGICAL DATA

ARKANSAS

SEPTEMBER 1958

Volume LXIII No. 9



SUPPLEMENTAL DATA

ARKANSAS
SEPTEMBER 1958

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Midnight CST	6:00A CST	Noon CST	6:00P CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over			Total
Fort Smith WB Airport	ENE	25	8.6	32	NE	1	87	92	62	66	7	3	2	2	1	0	15	49	6.0
Little Rock WB Airport	ENE	14	8.6	30	SE	26	84	90	63	68	4	3	2	0	3	1	13	73	5.5
Texarkana WB Airport	ENE	17	7.3	-	-	-	-	94	-	-	4	2	5	0	3	0	14	-	-

CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No of Days		
										Max	Min	10° or Above	32° or Below					60° or Below	Total	Max Depth on Ground	Date	10 or More	50 or More
NORTHWEST DIVISION																							
BENTONVILLE	80.8	58.3	69.6		91	2+	41	28	41	6	0	0	0	5.19		1.46	7	.0	0		7	4	2
EUREKA SPRINGS	79.7	60.0	69.9	- 2.5	90	6	41	28	40	1	0	0	0	7.42	3.39	2.63	16	.0	0		11	4	2
FAYETTEVILLE	81.0	61.9	71.5		92	6+	41	28	34	6	0	0	0	4.70		2.09	16	.0	0		7	3	1
FAYETTEVILLE CAA AIRPORT	80.7	59.0	69.9		90	6+	40	28	44	2	0	0	0	5.34		1.38	26	.0	0		9	3	3
FAYETTEVILLE EXP STA	80.7	60.7	70.7	- 0.8	90	6+	41	28	33	3	0	0	0	4.34	.09	2.47	16	.0	0		8	2	1
GRAVETTE	81.5	59.3	70.4	- 1.3	92	6	38	28	39	5	0	0	0	5.57	.85	1.78	10	.0	0		9	4	1
HARRISON	81.1	59.5	70.3	- 0.8	92	4	42	28	34	4	0	0	0	8.77		2.72	19	.0	0		9	6	4
LEAD HILL	82.4M	59.9M	71.2M	- 0.1	93	6+	44	29+	27	7	0	0	0	7.20	3.97	2.31	10	.0	0		5	5	3
ROGERS	80.9	61.2	71.1	- 0.3	91	6+	44	28	38	7	0	0	0	4.21	.65	1.50	16	.0	0		7	4	1
SILOAM SPRINGS	82.5	61.6	72.1		92	25+	40	28	32	8	0	0	0	3.05		1.11	27	.0	0		4	2	1
DIVISION			70.7	- 0.7										5.58	1.54			.0					
NORTH CENTRAL DIVISION																							
FLIPPIN CAA AIRPORT	80.5	59.8	70.2		94	3	43	28	40	6	0	0	0	5.71		1.59	10	.0	0		10	3	2
GILBERT	82.8	60.2	71.5		96	4	44	28	24	9	0	0	0	4.96		1.38	11	.0	0		10	2	2
MAMMOTH SPRING	81.2	58.4	69.8	- 1.2	94	6	40	28	36	6	0	0	0	6.12		1.30	19	.0	0		12	6	1
MARSHALL	80.9	58.8	69.9		93	6+	38	28	41	6	0	0	0	4.09				.0	0				
MOUNTAIN HOME 1 NNW	80.9	61.3	71.1	- 0.9	90	6+	47	30+	25	3	0	0	0	6.67	3.87	1.94	10	.0	0		9	4	3
MOUNTAIN HOME C OF ENG AM	80.6	59.8	70.2		92	7	43	28	31	3	0	0	0	8.14		1.88	11	.0	0		11	7	2
DIVISION			70.5	- 1.0										5.95	3.11			.0					
NORTHEAST DIVISION																							
BALD KNOB	82.9	60.4	71.7		94	5	45	29+	16	6	0	0	0	6.30		1.73	19	.0	0		8	5	2
BATESVILLE LIVESTOCK AM	85.1M	59.6M	72.4M		98	4	41	29	20	11	0	0	0	6.77		2.45	11	.0	0		8	4	3
BATESVILLE L AND D NO 1	84.2	61.3	72.8		95	6	43	29	11	10	0	0	0	5.36	2.20	2.35	11	.0	0		6	3	2
BLYTHEVILLE	80.7	62.9	71.8	- 1.9	92	6+	46	28	19	4	0	0	0	7.09	3.93	1.95	20	.0	0		9	5	3
CORNING	81.7	62.7	72.2	- 0.5	92	6+	45	28	20	5	0	0	0	4.90	1.82	1.28	2	.0	0		8	4	2
JONESBORO	83.7	62.9	73.3	- 0.4	96	3	49	28	14	9	0	0	0	6.68	3.55	2.00	7	.0	0		9	4	3
MARKED TREE	80.6	62.8	71.7	- 1.1	90	6+	47	28	18	2	0	0	0	7.33	4.37	1.71	20	.0	0		10	6	3
NEWPORT	82.0	63.1	72.6	- 1.5	93	3	49	29+	14	4	0	0	0	5.09	2.26	1.40	11	.0	0		8	3	2
PARAGOUA RADIO KORS	81.7	59.1	70.4		91	25+	44	29+	22	4	0	0	0	5.16		1.00	20	.0	0		9	5	1
POCAHONTAS 1	83.6	61.0	72.3	- 0.7	93	3	47	29	17	6	0	0	0	3.96	1.13	.76	21	.0	0		8	5	0
SEARCY	84.8	63.8	74.3	- 0.2	97	6	47	29	11	10	0	0	0	6.00	3.15	1.68	17	.0	0		6	4	3
WALNUT RIDGE CAA AIRPORT	80.7	62.3	71.5		93	6	46	28	22	4	0	0	0	4.78		1.29	20	.0	0		9	5	1
WILSON	81.6	62.1	71.9		93	5+	45	28	17	4	0	0	0	6.72		2.63	21	.0	0		5	5	3
DIVISION			72.2	- 1.0										5.86	2.90			.0					
WEST CENTRAL DIVISION																							
BOONEVILLE	87.2	63.1	75.2	0.1	98	6+	42	28	17	12	0	0	0	2.59	-.83	.8	17	.0	0		5	2	0
CAMP CHAFFEE AM	85.4	64.1	74.8		95	2	49	29+	9	11	0	0	0	3.54		1.63	17	.0	0		8	2	1
CLARKSVILLE	85.1	64.4	74.8		96	6+	43	28	16	10	0	0	0	2.30		.73	11	.0	0		7	2	0
DARDANELLE	86.2	64.8	75.5	0.0	97	3+	47	29+	10	13	0	0	0	4.83	1.91	2.15	11	.0	0		8	4	1
DEVILS KNOB	76.1	59.4	67.8		88	6	45	30	17	0	0	0	0	3.72		1.12	17	.0	0		8	3	1
FORT SMITH WB AIRPORT R//	84.9	65.0	75.0	0.0	95	3	48	28	15	10	0	0	0	4.44	.73	2.30	16	.0	0		5	3	1
FT SMITH WATER PLANT	82.8	61.1	72.0		93	6	41	28	26	7	0	0	0	3.92		1.64	17	.0	0		6	4	1
MENA	84.2	65.0	74.6	0.4	94	4	46	29	12	10	0	0	0	4.65	.26	2.00	11	.0	0		7	2	2
MOUNT MAGAZINE	76.6	60.0	68.3		87	3	47	30	39	0	0	0	0	3.00		.56	16	.0	0		9	3	0
OZARK	85.6	65.2	75.4	0.6	97	4	47	28	16	13	0	0	0	2.81	-.56	1.14	17	.0	0		4	2	2
PARIS	86.3	63.5	74.9		99	3	45	28	16	13	0	0	0	6.23		2.00	10	.0	0		6	5	3
RUSSELLVILLE																							
SUBIACO	84.9	62.9	73.9	- 1.3	98	3+	48	29+	17	10	0	0	0	4.37	.92	1.80	20	.0	0		6	2	2
TURNPIKE	75.4M	61.5M	68.5M						26	0	0	0	0	3.72		.94	26	.0	0		8	3	0
WALORON	86.6	62.5	74.6		97	6+	42	28	15	12	0	0	0	2.13		.95	11	.0	0		5	2	0
WHITE ROCK	77.3	61.9	69.6		90	4	46	30	43	1	0	0	0	3.70		1.60	17	.0	0		5	2	1
DIVISION			73.0	- 0.7										3.73	.16			.0					
CENTRAL DIVISION																							
ALUM FORK	84.5	63.8	74.2		94	2	45	29	7	9	0	0	0	5.91		1.72	19	.0	0		8	5	2
BENTON	87.8M				93	6			12	0	0	0	0	9.84		3.11	20	.0	0		7	6	3
BLAKELY MOUNTAIN DAM									12	0	0	0	0	4.82		1.22	11	.0	0		6	5	2
CONWAY	84.4	63.6	74.0	- 1.6	93	6+	44	29+	12	9	0	0	0	4.30	1.13	1.75	19	.0	0		8	2	1
HOT SPRINGS 1 NNE	85.7	66.7	76.2	- 0.2	96	6	48	29	9	11	0	0	0	4.43	.81	2.35	19	.0	0		7	3	2
LITTLE ROCK WB AIRPORT R//	83.6	65.9	74.8	0.0	94	3	50	29	10	11	0	0	0	7.18	4.33	2.36	19	.0	0		6	4	4
MALVERN	85.2	61.9	73.6		94	3	42	29	15	11	0	0	0	9.45		3.04	19	.0	0		8	6	4
MORRILTON	85.0	64.2	74.6	0.1	96	4+	46	29	11	11	0	0	0	5.38	2.47	1.6							

CLIMATOLOGICAL DATA

ARKANSAS
SEPTEMBER 1958

CONTINUED

Station	Temperature										Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Number Days	Inches			Total	Days	Days	Days	Days	Days	Days	Days		
										0.01 to 0.099												
										0.100	0.100 to 0.499	0.500 or more										
Total			Total			Total			Total													
EAST CENTRAL DIVISION																						
BRINKLEY	83.1	62.8	73.0	- 1.2	94	3	44	29	20	10	0	0	0	12.65	9.72	3.88	19	.0	0	9	6	4
DES ARC	85.1	62.5	73.8		96	1	46	29	9	11	0	0	0	7.05		2.45	20	.0	0	9	3	2
HELENA	85.1	66.5	75.8	0.7	94	6+	50	29	5	9	0	0	0	8.31	5.74	2.00	21	.0	0	6	5	4
KEO	83.6	63.0	73.3		93	10+	46	29+	15	9	0	0	0	9.04		2.90	19	.0	0	8	7	5
MARIANNA 2 S	83.9	63.4	73.7	- 0.3	93	6+	47	29+	10	9	0	0	0	8.09	5.64	2.30	11	.0	0	9	6	3
SAINT CHARLES	85.1	65.0	75.1		95	4	49	29	5	12	0	0	0	6.98		2.57	11	.0	0	7	4	2
STUTTART	84.6	65.9	75.3	- 0.3	95	6+	49	29	8	11	0	0	0	4.54	1.76	1.98	20	.0	0	5	3	2
STUTTART 9 ESE	84.0	64.2	74.1		94	4	48	29	8	10	0	0	0	5.15		2.30	11	.0	0	7	2	2
WYNNE	82.7	61.8	72.3		92	3	43	28	13	7	0	0	0	8.18		2.18	19	.0	0	10	4	4
DIVISION			74.0	- 0.3											7.78	5.13						
SOUTHWEST DIVISION																						
ASHDOWN	85.8	66.9	76.4		96	1	47	29	6	12	0	0	0	6.84		3.68	19	.0	0	7	4	1
DE QUEEN	86.3	66.1	76.2		95	2+	48	29	4	12	0	0	0	9.68		4.45	19	.0	0	5	3	3
DIERKS																						
HOPE 3 NE	86.4	65.6	76.0	0.3	94	2	45	29	8	17	0	0	0	4.36	1.64	2.93	20	.0	0	6	2	1
MOUNT IDA	86.0	63.1	74.6	2.0	95	2	42	29	9	11	0	0	0	4.18	.39	1.35	11	.0	0	5	4	2
NARROWS DAM	87.3	64.3	75.8		95	2	45	29	7	13	0	0	0	7.96		2.86	19	.0	0	5	4	3
NASHVILLE PEACH SUBSTA	85.4	65.3	75.4		94	2	49	29	4	9	0	0	0	7.03		4.00	19	.0	0	6	3	2
OKAY	87.1	67.4	77.3		95	1	48	29	2	15	0	0	0	7.46	4.16	2.25	19	.0	0	8	5	3
TEXARKANA WB AIRPORT	85.3	68.2	76.8	- 0.4	94	1	50	29	4	12	0	0	0	5.73	2.94	1.92	26	.0	0	8	3	3
DIVISION			76.1	1.4											6.66	3.25						
SOUTH CENTRAL DIVISION																						
ARKADELPHIA	86.1	65.9	76.0		95	3+	47	29	9	16	0	0	0	8.43	5.60	2.48	19	.0	0	9	5	4
CAMDEN 1	86.9	65.0	76.0	0.4	95	2	47	30+	5	17	0	0	0	10.08	7.45	2.55	26	.0	0	8	6	4
EL DORADO CAA AIRPORT	85.2	67.5	76.4	- 0.5	95	1	47	29	5	12	0	0	0	6.61	4.20	1.97	16	.0	0	8	4	2
FORDYCE 6 W	85.4M	66.9M	76.2M				47	28	8	11	0	0	0	5.72		1.19	17	.0	0			
MAGNOLIA 3 N	88.1	64.3	76.2	- 0.9	99	2	42	29	3	16	0	0	0	5.52	3.35	2.95	20	.0	0	4	2	2
PRESCOTT	87.1	64.6	75.9	- 0.7	96	3	47	30+	8	18	0	0	0	5.53	2.72	2.62	20	.0	0	8	2	2
WARREN	86.8	66.7	76.8	0.3	97	1	47	29	5	15	0	0	0	13.17		4.50	21	.0	0	9	8	6
DIVISION			76.2	0.2											7.87	5.18						
SOUTHEAST DIVISION																						
CROSSETT 7 S	86.2	66.7	76.5	0.5	95	3+	47	29	3	14	0	0	0	13.76	11.48	3.86	20	.0	0	7	6	5
CUMMINS FARM	85.4	64.2	74.8		94	3	47	29	6	13	0	0	0	12.98		4.04	11	.0	0	10	7	5
DUMAS 1 ESE	87.5	64.7	76.1	0.0	96	2	47	29	5	15	0	0	0	11.03	8.27	3.70	21	.0	0	7	4	3
MONTICELLO 3 S	85.9	65.3	75.6		95	2+	45	29	5	16	0	0	0	17.22		.0	0	.0	0			
PINE BLUFF	85.0	67.1	76.1	- 1.1	95	3+	49	29	5	14	0	0	0	7.69	4.85	2.55	20	.0	0	8	4	2
PINE BLUFF CAA AIRPORT	84.5	64.4	74.5		93	6+	46	29	12	11	0	0	0	8.67		2.31	11	.0	0	9	4	3
PORTLAND	85.1M	66.5	75.8M	0.3	95	2	52	30	2	10	0	0	0	14.75	12.43	6.00	11	.0	0	6	5	5
DIVISION			75.6	- 0.2											12.30	9.73						

Highest Temperature 99 on the 3+ at 2 Stations.

Lowest Temperature 38 on the 28 at 2 Stations.

Greatest Total Precipitation 17.22 inches at Monticello 3 S.

Least Total Precipitation 2.13 inches at Waldron.

Greatest one-day precipitation 6.19 inches on the 11 at Mountain View 1 E.

DAILY TEMPERATURES

ARKANSAS
SEPTEMBER 1958

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALUM FORK	MAX	91	94	93	92	90	93	91	89	91	88	72	82	82	85	87	87	75	79	75	77	85	84	87	89	91	87	79	76	74	70		
	MIN	70	64	68	68	67	67	69	62	58	66	68	64	58	62	69	70	67	59	65	67	70	84	87	90	91	87	79	69	65	55		
ARKADELPHIA	MAX	95	95	95	93	91	90	93	92	93	91	92	83	82	85	91	90	78	79	76	78	84	84	87	90	90	80	80	74	74	68		
	MIN	69	68	70	68	69	71	71	67	61	65	70	63	59	66	71	70	67	59	65	67	70	84	87	90	91	90	80	74	74	68		
ASHDOWN	MAX	96	93	92	92	90	89	90	90	91	88	89	83	84	88	90	89	80	78	73	80	82	83	89	90	91	90	80	75	74	76		
	MIN	70	70	68	68	70	71	73	69	65	69	72	67	59	67	71	64	63	63	66	68	70	66	72	73	70	74	70	50	47	62		
BALD KNOB	MAX	89	92	93	91	94	88	89	91	89	87	71	80	83	85	85	85	75	75	73	70	80	81	85	87	90	88	78	70	73	70		
	MIN	62	61	62	65	62	69	71	51	60	62	64	59	56	58	70	85	62	60	61	56	60	61	56	59	65	67	66	65	45	57		
BATESVILLE LIVESTOCK	MAX	95	78	95	98	95	95	96	93	92	93	78	85	84	89	88	73	78	66	71	85	88	90	92	79	78	75	70	78	70	70		
	MIN	62	61	63	64	61	64	65	59	54	65	64	58	49	58	66	64	54	55	57	62	57	62	59	69	70	69	58	54	41	46		
BATESVILLE L AND O NO 1	MAX	89	90	94	94	93	95	89	91	91	87	71	80	85	88	86	87	74	78	74	72	81	85	90	90	89	80	75	72	67			
	MIN	66	62	65	64	60	63	69	54	52	65	64	62	51	59	69	66	64	53	56	62	66	58	61	70	71	69	66	51	43	58		
BENTON	MAX	91	92	90	92	91	93	91	89	89	87	75	81	83	84	86	90						84	85	90	92	91	90					
	MIN																																
BENTONVILLE	MAX	91	91	90	90	89	90	84	88	87	76	74	78	84	84	82	72	71	78	69	79	83	85	84	86	90	83	72	71	65	58		
	MIN	62	63	66	63	61	65	65	53	57	65	65	61	51	53	60	64	50	42	60	61	57	59	57	71	66	63	50	41	48	49		
BLAKELY MOUNTAIN OAM	MAX																																
	MIN																																
BLYTHEVILLE	MAX	75	83	92	88	89	92	84	86	87	81	72	77	80	86	82	87	73	74	65	70	77	82	86	86	90	90	77	69	75	66		
	MIN	64	63	67	68	66	66	70	60	62	65	67	57	53	60	70	70	66	54	57	62	66	61	62	74	72	69	65	46	51	54		
BOONEVILLE	MAX	94	98	98	98	97	98	92	95	94	85	85	82	86	89	92	83	77	82	73	83	89	87	89	94	92	88	81	75	73	66		
	MIN	67	67	67	67	65	68	70	60	57	67	70	66	56	65	69	69	60	49	62	63	66	65	65	75	67	68	63	42	45	54		
BRINKLEY	MAX	91	92	94	90	93	89	90	87	71	80	79	80	85	85	85	89	73	77	69	71	84	83	85	89	91	92	79	71	74	64		
	MIN	66	64	65	68	65	65	67	66	64	62	65	59	54	60	67	69	66	65	60	62	65	60	64	72	71	68	65	45	44	52		
CAMDEN 1	MAX	94	95	94	93	92	91	92	90	90	91	91	88	82	85	89	90	91	74	78	72	76	85	83	91	91	92	92	80	79	77		
	MIN	70	71	70	68	68	70	68	68	61	62	66	66	58	63	66	70	70	65	65	66	69	66	67	69	67	69	68	50	47	47		
CAMP CHAFFEE	MAX	93	95	92	93	94	91	92	88	91	91	85	84	83	83	86	88	76	74	80	67	80	86	85	89	92	92	87	81	73	71		
	MIN	70	68	68	66	67	70	72	62	62	67	70	67	58	63	67	68	61	52	59	63	65	65	68	72	67	69	65	49	49	53		
CLARKSVILLE	MAX	85	96	96	96	93	96	90	93	93	88	78	83	84	86	87	84	76	80	75	74	87	85	86	94	92	89	79	74	70	65		
	MIN	73	69	70	70	67	70	71	57	60	68	69	66	55	65	70	69	60	50	62	65	68	64	69	75	68	69	66	43	47	56		
CONWAY	MAX	90	92	93	92	91	93	91	89	90	85	74	82	83	86	86	87	75	78	75	75	86	84	87	89	92	87	80	76	73	70		
	MIN	71	65	69	67	65	67	69	56	55	67	69	66	54	64	71	72	65	53	62	64	67	60	65	74	69	69	67	44	44	58		
CORNING	MAX	82	79	92	91	90	92	85	88	87	81	74	79	84	85	83	83	73	75	77	73	80	85	87	88	91	89	76	70	69	63		
	MIN	62	64	68	68	66	68	68	58	66	65	62	57	52	63	71	69	62	51	63	63	65	60	62	71	73	71	63	45	53	52		
CROSSETT 7 S	MAX	95	95	95	91	89	92	90	92	92	91	85	80	80	88	90	90	87	75	74	75	81	82	89	90	91	92	84	76	79	75		
	MIN	69	70	68	68	71	68	70	62	59	64	70	68	62	64	72	69	70	66	69	70	72	72	70	75	70	70	70	51	47	56		
CUMMINS FARM	MAX	93	93	94	92	91	93	91	89	91	91	78	80	80	86	92	89	84	77	74	74	83	83	86	90	91	92	82	74	76	74		
	MIN	69	67	68	67	67	66	63	63	58	63	67	63	59	62	70	69	66	60	62	65	69	65	65	70	69	70	68	50	47	59		
DARDANELLE	MAX	91	97	97	95	92	96	91	95	96	87	73	83	84	88	90	87	79	76	77	88	83	90	92	95	88	82	75	72	68			
	MIN	70	68	70	68	67	69	72	58	56	70	70	66	56	65	70	71	62	53	63	65	69	63	68	74	70	70	68	47	47	59		
DE QUEEN	MAX	95	95	94	92	91	89	92	89	90	86	89	86	84	88	90	85	83	77	70	81	87	82	90	91	92	93	87	77	77	68		
	MIN	67	67	65	64	67	68	69	64	61	69	72	65	60	69	70	71	63	60	65	68	71	68	73	74	72	72	70	50	48	60		
DES ARC	MAX	96	90	92	93	94	91	93	85	90	89	84	72	79	84	87	87	89	88	77	68	71	82	83	85	90	93	91	79	78	74		
	MIN	72	65	66	69	68	67	71	59	59	63	68	60	59	59	58	66	66	56	58	60	64	61	64	67	72	70	66	47	46	50		
DEVILS KNOB	MAX	84	87	87	86	82	88	81	80	83	81	66	72	75	77	81	74	67	70	67	67	77	76	76	83	84	81	69	64	61	56		
	MIN	61	62	64	66	66	67	64	65	63	65	61	56	56	61	61	64	51	52	55	56	55	54	63	69	67	67	50	48	49	45		
DIERKS	MAX																																
	MIN																																
DUMAS 1 FSF	MAX	95	96	95	95	93	94	95	94	94	93	84	84	85	90	90	92	81	82	73	75	87	86	89	89	93	93	82	76	79	72		
	MIN	68	65	68	67	67	64	68	69	57	64	68	65	58	62	71	70	69	62	65	66	71	64	65	71	69	70	65	48	47	59		
EL DORADO CAA AIRPORT	MAX	95	93	94	93	91	92	91	90	91	87	84	78	81	88	90	89	74	76	74	76	82	83	88	89	90	90	79	73	76	80		
	MIN	72	71	71	69	72	70	73	69	64	67	71	68	62	65	72	71	68	66	68	70	72	71	71	74	70	72	62	52	47	55		
EUREKA SPRINGS	MAX	85	88	89	89	87	90	83	87	87	80	71	77	82	83	85	71	71	76	68	73	81	84	81	86	89	82	71	69	63	63		
	MIN	61	64	68	64	63	65	65	56	57	65	62	68	50	61	65	65	52	45	59	61	62	63										

DAILY TEMPERATURES

ARKANSAS
SEPTEMBER 1958

CONTINUED

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HOT SPRINGS 1 NNE	MAX	95	94	95	94	95	96	92	94	93	86	77	83	85	89	88	85	80	77	70	75	86	86	88	87	91	90	84	76	75	65		
	MIN	74	70	72	71	70	71	72	67	63	72	70	65	60	67	71	71	63	57	63	65	70	65	70	75	72	72	69	50	48	56		
JONESBORO	MAX	85	86	96	94	94	95	85	90	90	84	72	79	84	88	85	87	81	67	69	71	81	86	88	90	92	90	79	71	68	68		
	MIN	68	63	66	61	65	67	65	60	61	67	65	67	59	61	70	70	67	52	59	61	67	61	64	70	73	70	65	49	50	51		
KEO	MAX	91	91	93	92	91	93	89	89	90	93	73	79	83	86	84	90	76	76	72	75	80	82	85	88	89	89	78	71	73	67		
	MIN	70	65	68	66	66	66	69	58	55	63	67	61	56	61	70	69	64	55	62	65	67	62	63	71	69	68	68	46	46	54		
LEAD HILL	MAX	85	88	92	93	90	93	88	91	91	76	83	80	83	84	78	72	78	75	72	77	85	84	80	91	85	86	71	70	68	68		
	MIN	64	68	68	63	64	60	67	51	52	65	65	59	49	59	65	67	48	48	61	65	59	62	62	75	66	66	50	44	44	44		
LITTLE ROCK WB AIRPORT	MAX	90	92	94	91	90	93	87	89	90	89	72	81	82	86	86	90	77	77	68	72	83	82	86	90	91	91	80	71	74	65		
	MIN	69	67	71	71	70	71	72	66	61	68	66	61	63	66	72	71	63	58	63	65	68	65	68	73	72	73	62	54	50	54		
MAGNOLIA 3 N	MAX	96	99	94	92	91	90	91	89	92	90	90	89	83	89	92	91	82	81	78	78	84	88	91	92	91	93	86	81	82	77		
	MIN	68	67	66	65	69	68	70	65	58	64	70	64	58	65	68	68	65	62	64	65	67	66	67	71	67	67	68	48	42	57		
MALVERN	MAX	92	93	94	93	91	92	89	91	91	89	79	83	84	86	85	87	79	78	72	77	83	84	89	90	92	93	83	76	72	70		
	MIN	65	64	64	63	64	64	65	62	54	60	67	63	54	59	68	69	65	55	62	65	68	59	64	71	73	63	67	43	42	55		
MAMMOTH SPRING	MAX	78	81	93	91	90	94	84	84	89	76	72	79	83	85	84	86	75	75	67	73	84	84	83	91	92	87	76	71	67	61		
	MIN	59	60	61	64	60	62	68	53	54	61	62	55	48	57	65	63	58	46	52	60	64	65	58	70	62	67	60	40	45	50		
MARIANNA 2 S	MAX	90	93	93	91	92	93	88	90	90	87	79	79	80	86	85	89	81	78	74	75	83	83	84	87	90	84	78	71	75	70		
	MIN	66	65	67	69	65	67	69	57	57	64	66	62	57	62	71	69	63	55	61	64	69	61	65	71	71	69	68	47	47	59		
MARKEO TREE	MAX	80	85	90	88	88	90	85	85	85	82	73	76	78	85	82	86	80	76	70	71	78	80	84	85	88	89	76	68	71	64		
	MIN	64	64	66	67	65	67	68	62	62	65	65	57	54	62	71	70	65	55	59	62	66	61	63	70	71	70	65	47	49	53		
MARSHALL	MAX	85	92	93	92	87	93	85	90	90	78	68	78	82	83	83	81	75	75	66	72	82	81	85	88	88	85	74	74	66	60		
	MIN	61	65	68	66	59	66	66	50	52	64	61	56	49	63	66	62	54	49	52	58	63	57	64	71	80	67	57	38	43	47		
MENA	MAX	92	91	90	94	92	92	92	90	90	86	84	79	85	85	86	80	75	80	72	76	86	86	85	88	90	87	78	74	75	64		
	MIN	69	67	71	72	67	68	69	62	67	63	70	67	64	67	69	70	57	53	64	65	67	66	85	73	73	69	66	49	46	55		
MONTICELLO 3 S	MAX	95	95	94	93	91	92	90	90	91	92	86	80	82	86	91	91	80	78	75	75	82	81	90	90	93	91	79	76	78	70		
	MIN	69	70	66	69	70	68	65	67	59	60	71	65	61	62	71	69	68	62	61	68	71	68	66	74	71	68	67	50	45	59		
MORRILTON	MAX	92	94	96	96	93	95	89	92	93	85	72	84	86	88	86	90	77	78	70	77	86	85	88	90	91	84	81	74	73	66		
	MIN	70	65	69	68	65	68	69	58	56	69	67	65	56	63	70	73	64	53	62	64	68	63	65	73	69	70	68	49	46	58		
MOUNT IDA	MAX	93	95	94	93	94	94	93	92	92	89	82	82	85	88	89	87	77	80	72	81	82	85	87	89	91	91	79	78	75	72		
	MIN	66	69	65	64	62	63	67	65	56	66	65	59	60	67	68	72	61	49	59	63	67	67	82	73	66	67	49	42	54			
MOUNT MAGAZINE	MAX	84	86	87	86	82	83	86	85	83	79	76	71	74	75	74	72	71	70	70	72	77	76	76	82	84	77	70	65	64	61		
	MIN	67	68	67	65	66	64	67	65	68	62	60	60	58	59	56	64	52	53	53	55	56	57	58	67	69	65	55	50	48	47		
MOUNTAIN HOME 1 NNW	MAX	87	84	90	90	87	90	88	88	88	84	72	78	82	84	81	78	72	75	63	72	84	82	83	88	89	85	75	75	70	64		
	MIN	61	65	67	69	66	67	68	57	58	66	65	59	54	62	66	66	57	50	58	60	62	60	64	71	69	69	60	47	48	47		
MOUNTAIN HOME C OF ENG	MAX	89	80	84	90	90	89	92	85	88	89	72	68	77	81	83	82	79	72	74	64	71	82	82	84	88	89	85	75	70	65		
	MIN	65	62	65	65	63	65	69	55	54	63	65	57	50	58	66	66	59	48	55	60	62	60	62	66	68	67	60	43	46	51		
NARROWS DAM	MAX	93	95	94	93	94	94	94	93	92	92	88	88	80	86	88	90	89	81	78	70	78	88	85	89	89	91	93	83	75	75		
	MIN	66	66	65	65	67	71	71	67	59	64	67	59	59	65	67	70	65	60	64	67	68	63	67	72	66	67	47	45	50			
NASHVILLE PEACH SUBSTA	MAX	89	94	92	91	91	92	89	91	90	90	87	86	80	83	87	89	87	80	76	70	78	85	81	87	88	89	91	80	74	74		
	MIN	69	68	67	68	69	71	72	68	65	65	69	62	60	55	68	69	63	60	62	65	68	66	67	70	68	70	69	53	49	54		
NEWPORT	MAX	87	86	93	92	90	92	87	89	89	82	71	78	82	85	83	85	77	76	71	73	75	83	86	87	89	86	79	71	72	65		
	MIN	68	64	65	67	64	67	69	59	58	65	66	61	56	62	71	70	68	55	60	61	62	60	62	72	72	70	66	49	49	55		
NIMROD DAM	MAX	97	92	97	97	95	93	96	91	95	91	82	73	82	85	88	88	89	77	80	66	77	84	84	89	91	93	88	80	73	74		
	MIN	67	65	65	65	62	65	67	65	55	66	68	64	53	56	67	69	61	50	60	60	63	63	64	72	67	67	65	43	43	50		
OKAY	MAX	95	94	93	92	92	91	93	92	92	89	87	83	88	92	92	87	80	77	74	83	85	83	90	91	91	84	80	78	75	75		
	MIN	72	71	71	69	70	72	73	69	63	70	72	65	59	63	71	71	67	63	66	68	71	65	71	73	72	72	71	51	48	62		
OZARK	MAX	92	96	95	97	95	96	90	94	93	82	86	81	88	88	90	81	78	80	71	77	88	85	86	92	92	90	80	74	66	66		
	MIN	72	70	69	71	70	71	70	59	61	70	71	67	56	66	71	71	60	52	63	65	68	65	70	74	69	70	64	47	50	54		
PARAGOULD RADIO KORS	MAX	84	81	91	90	90	88	85	88	87	83	72	78	80	85	82	85	75	73	72	80	85	86	87	91	88	78	72	67	67			
	MIN	61	59	62	61	61	63	64	54	56	61	62	56	52	55	69	66	64	48	54	59	65	57	57	69	69	66	62	44	44	52		
PARIS	MAX	91	97	99	96	93	96	92	95	95	85	81	82	86	87	90	86	76	81	75	77	87	86	88	93	92	94	80	74	70	64		
	MIN	65	68	65	65	67	67	68	58	56	66	69	66	58	65	68	68	5															

DAILY TEMPERATURES

ARKANSAS
SEPTEMBER 1958

CONTINUED

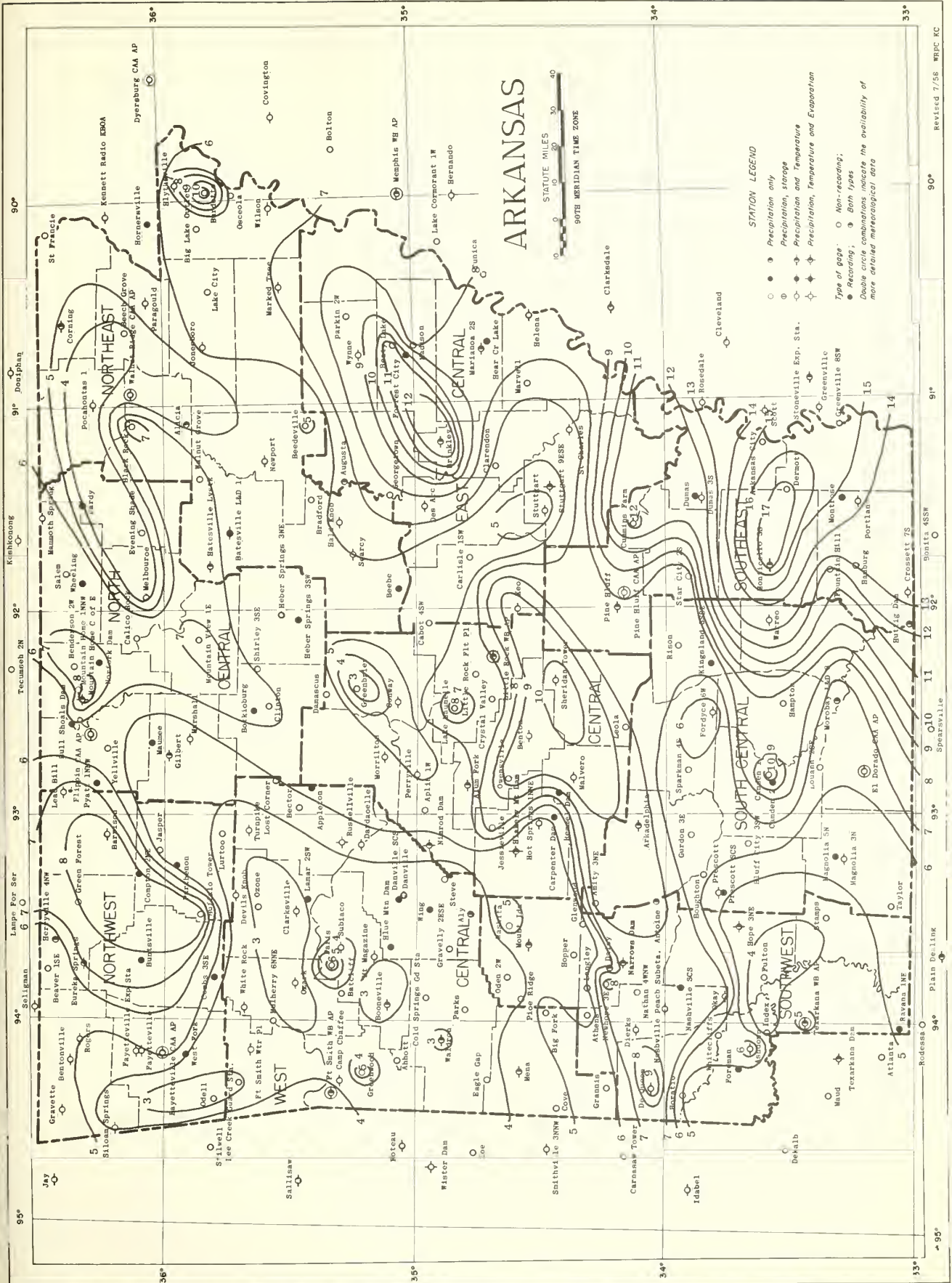
Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
STUTTART 9 ESE	MAX	92	91	92	94	90	90	92	88	89	88	91	71	79	79	85	84	88	75	78	70	76	81	83	83	87	90	90	78	71	74	84.0 64.2	
	MIN	72	67	69	70	67	68	70	61	59	62	67	63	58	61	66	70	70	58	60	63	68	64	65	68	71	70	70	49	48	51		
SUBJACO	MAX	90	98	98	96	94	95	87	94	75	83	79	82	81	87	89	86	74	80	80	75	86	83	85	92	93	84	78	73	68	63	84.9 62.9	
	MIN	69	65	68	68	66	69	70	58	62	67	67	63	56	65	67	64	59	51	60	61	66	63	67	69	68	68	62	48	48	54		
TEXARKANA WB AIRPORT	MAX	94	93	92	92	92	90	91	90	89	87	88	80	83	88	90	88	78	75	70	81	83	85	89	90	90	91	79	73	76	73	85.3 68.2	
	MIN	74	72	72	71	72	73	73	71	67	71	72	67	62	68	72	70	66	64	67	69	71	68	73	73	72	72	64	53	50	57		
TURNPIKE	MAX	84	83	80	82	83	77	84	84	76	70	72	72	75	77	77	72	67	72	65	66	76	76									75.4 61.5	
	MIN	59	65	67	67	66	65	63	65	65	60	60	60	65	59	50	65	59	50	59	59	62	62										
WALDRON	MAX	97	96	95	95	95	97	93	93	93	88	83	79	86	87	88	82	75	81	77	80	88	88	90	92	93	86	81	76	74	69	86.6 62.5	
	MIN	67	68	66	63	63	68	67	63	58	66	69	66	53	67	67	62	59	49	62	63	64	61	68	76	69	67	65	42	43	54		
WALNUT RIDGE CAA AIRPORT	MAX	72	82	92	91	89	93	82	88	88	75	69	78	84	85	83	86	73	77	65	72	80	86	86	88	90	87	77	71	70	62	80.7 62.3	
	MIN	64	64	67	68	66	69	64	58	61	66	63	58	55	63	71	70	61	54	58	63	65	63	63	72	73	71	53	46	50	51		
WARREN	MAX	97	96	95	93	92	95	95	91	93	92	88	82	81	88	89	90	84	79	75	75	83	81	90	91	93	94	80	74	79	70	86.8 66.7	
	MIN	71	71	71	69	70	69	71	68	67	61	70	66	59	64	72	70	69	64	64	68	72	65	67	74	71	70	70	50	47	60		
WHITE ROCK	MAX	83	86	87	90	85	89	81	87	85	79	75	78	79	77	79	75	68	68	68	79	79	75	81	81	82	70	67	62	56	77.3 61.9		
	MIN	70	66	68	68	66	67	66	64	64	68	65	60	58	62	64	63	51	53	58	60	64	63	64	69	68	66	58	49	49		46	
WILSON	MAX	75	83	93	92	93	88	84	86	86	81	76	82	80	86	82	85	76	76	78	70	77	82	87	86	91	86	76	71	74	66	81.6 62.1	
	MIN	63	67	64	65	62	63	67	66	58	65	67	57	60	60	71	71	63	52	60	64	66	62	60	69	69	63	64	45	47	53		
WYNNE	MAX	90	90	92	91	89	89	90	89	87	83	72	80	80	85	83	83	75	76	75	72	81	82	86	87	91	90	80	76	70	67	82.7 61.8	
	MIN	72	62	67	66	66	65	66	52	54	66	65	56	54	60	68	64	63	53	62	60	66	59	64	72	72	66	67	43	49	56		

EVAPORATION AND WIND

Station		Day of month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Blakely Mountain Dam	EVAP	.15	.14	.25	.23	.18	.18	.18	.16	.26	.15	-	.17	.08	.11	.17	.14	.10	.16	.11	.01	.03	.14	.13	.08	.16	.11	.08	.25	.10	.06	4.21B 606	
	WIND	18	19	21	24	17	20	16	18	21	16	20	41	21	19	26	11	27	36	18	9	6	17	18	14	26	12	30	39	18	8		
Hope 3 NE	EVAP	-	.18	.23	.22	.15	.18	.14	.17	.21	.19	.13	*	.30	.13	.18	.18	.19	.08	.07	-	.11	.08	.07	.14	.18	.14	.13	.11	-	-	4.32B 425	
	WIND	11	13	20	19	11	15	11	15	13	14	21	30	25	9	13	24	36	15	7	6	2	5	*	21	22	4	6	26	7	4		
Mountain Home C of Eng	EVAP	.22	.12	.09	.23	.21	.21	.22	.20	.20	.24	.03	.05	.18	.17	.14	.07	.10	.11	.21	.00	.02	.12	.15	.11	.21	.14	.22	.21	.12	.09	4.39 452	
	WIND	16	18	16	20	10	12	17	13	8	15	6	19	19	15	24	3	21	17	11	11	4	7	14	22	29	20	20	32	7	6		
Narrows Dam	EVAP	.19	.18	.23	.26	.20	.18	.22	.16	.21	.20	.12	.20	.13	.17	.10	.13	.16	.18	-	.20	.04	.13	.10	.11	.21	.09	.18	.22	.13	.11	4.90B 624	
	WIND	13	18	22	33	17	18	23	25	13	20	17	31	19	16	17	22	40	32	20	10	6	16	14	39	31	11	19	30	17	15		
Nimrod Dam	EVAP	.20	.11	.19	.25	.19	.18	.17	.15	.10	.24	.06	.04	.14	.19	.08	.18	.02	.14	.20	.12	.00	-	.13	.08	.17	.21	.03	.18	.10	.09	4.08B 243	
	WIND	* 16	7	12	8	10	6	9	19	1	3	2	4	10	11	3	14	10	11	7	3	7	10	11	14	5	3	13	9	5			
Stuttgart 9 ESE	EVAP	.18	.09	.17	.22	.19	.19	.17	.20	.18	.19	.12	.05	.18	.09	.18	.10	.15	.04	.13	.01	.13	.12	.11	.06	.14	.10	.12	.22	.12	.11	4.06 900	
	WIND	27	15	16	*	34	24	15	26	13	9	41	49	45	16	51	65	68	29	30	32	22	19	17	32	58	13	16	66	25	27		

TOTAL PRECIPITATION

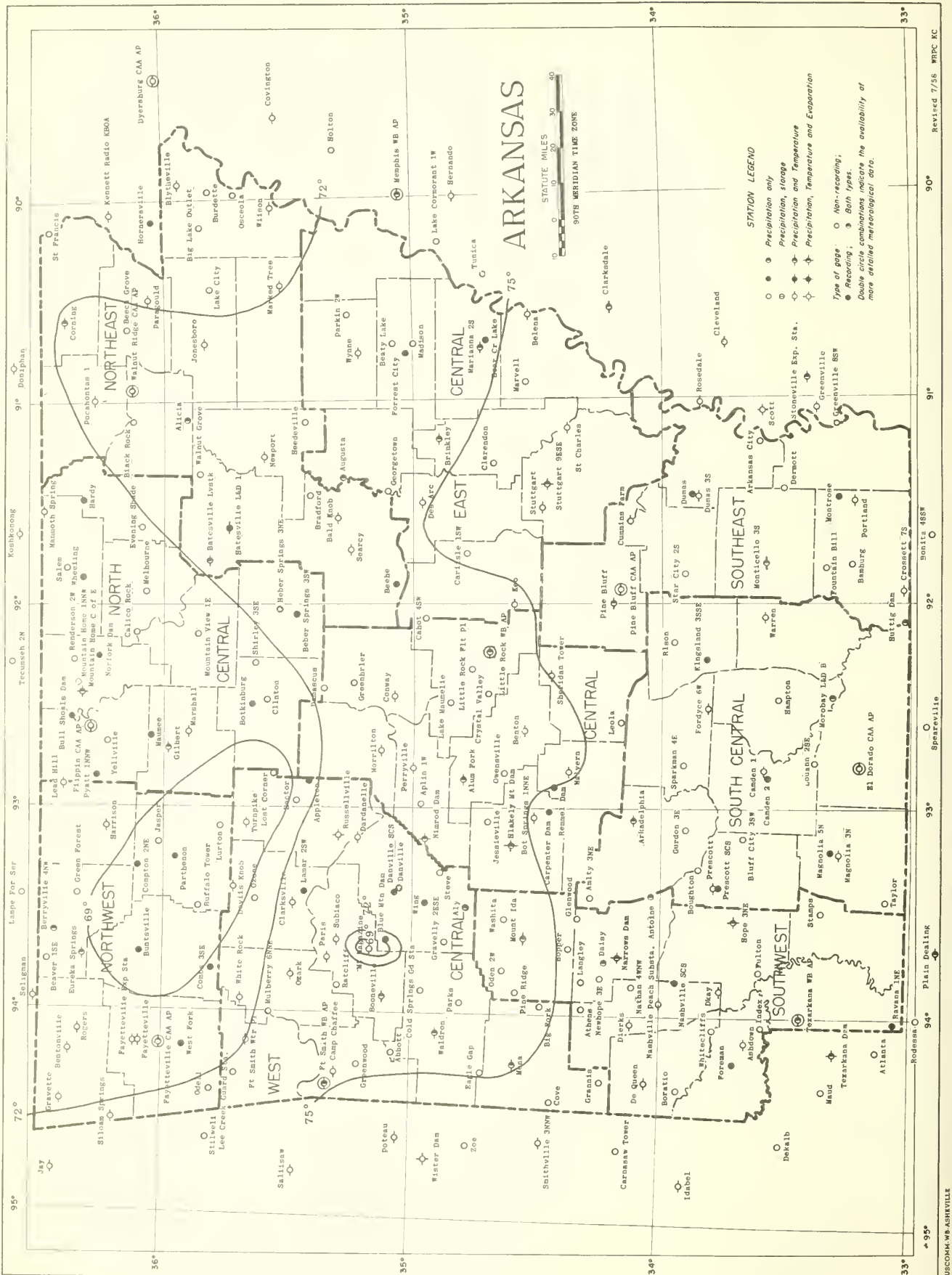
SEPTEMBER 1958



Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

SEPTEMBER 1958



USDCOM-WB-ASHVILLE
 Isolines are drawn through points of approximately equal values.
 Revised 7/58 WRPC KC

STATION INDEX

ARKANSAS

SEPTEMBER 1958

STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
							TEMP.	PRECIP.	SPECIAL	REMARKS									TEMP.	PRECIP.	SPECIAL	REMARKS	
ABBOTT	0004	SCOTT	1	35 54	94 12	624	7A				JAMES V. WILLIAMS	LURTON	4386	NEWTON	7	35 46	93 05	2007	8A			LOLA T. DOLLAR	
ALICIA	0064	LAMANCE	1	35 54	91 05	759	7A				P. W. DEERE	MAGNOLIA 3 N	4548	COLUMBIA	4	33 19	93 14	315	6P	7A		JAMES C. HODGES	
ALUM FORK	0130	SALINE	1	34 48	92 52	575	5P				LITTLE ROCK WATERWORKS	4550	COLUMBIA	3	33 20	93 13	360	5P			EARL E. GRAHAM		
ALY	0139	WELLS	1	34 54	92 29	854	7A				ALTA F. GARNER	4562	HOT SPRING	3	34 12	92 49	360	5P			ARK POWER AND LIGHT CO		
AMITY 3 NE	0150	CLARK	1	34 17	93 25	-	7A					MALVERN	4572	FULTON	7	34 29	91 32	490	5S	7A		JOHN W. MCKEE	
ANTOINE	0178	PIKE	3	34 02	93 25	285	8A				DREW A. LAMB	NAMOTH SPRING	4638	LEE	2	34 44	90 46	234	6P			H JOHN W. MCKEE	
APLIN J W	0188	PERRY	1	34 58	93 00	400	7A				HOBARI WATTS	MARIETTA 2 S	4654	LEE	2	34 44	90 46	234	6P			H UNIVERSITY OF ARKANSAS	
APPLETON	0194	POPE	1	35 25	92 53	522	6P				JOHN A. JONES	HARRIED TREE	4664	POINSETT	5	35 32	90 25	229	6P	7A		H JOHN F. SHEARON	
ARCADE	0200	CLARK	1	34 07	93 03	400	6P	7A			TILLMAN E. LAWRENCE	MARSHALL	4668	SEARCY	7	35 54	92 38	1050	5S	7A		MINNIE HURTON	
ARKANSAS CITY	0234	DESHA	1	33 37	91 12	145	8A				JOHN W. TRAMMELL	MARVELL	4678	PHILLIPS	7	34 33	90 55	195	8A			STERLING WALLACE	
ASNOWEN	0286	LITTLE RIVER	4	33 40	94 08	329	7P				SW GAS AND ELECTRIC CO	MELBOURNE	4696	SEARCY	7	36 03	92 39	79	7A			C HELEN E. ADAMS	
ATHENS	0300	HOWARD	3	34 19	93 58	960	7A				ARRA D. PARKER	MOUNTAIN HOME C OF ENG	4740	IZARD	7	36 04	91 54	610	7A			C IVAN L. SHRADER	
AUGUSTA	0324	WOODRUFF	3	35 18	91 22	218	7A				C. CEAL WELLS	MOUNTAIN VIEW 1 E	4756	POLE	3	34 35	94 15	1207	6P	7A		C H RICHARD W. ST. JOHN	
BALD KNOB	0350	WHITE	7	35 18	91 34	230	6P				UNIVERSITY OF ARKANSAS	MULLBERRY & HME	4900	OREN	3	33 35	91 48	285	5P			C H RADIO STATION KURS	
BATESVILLE LIVESTOCK	0458	INDEPENDENCE	7	35 49	91 47	571	9A				C. JAMES J. MITCHEM	MONTROSE	4906	ASHLEY	3	33 19	91 29	125	6P			C H ARK POWER AND LIGHT CO	
BATESVILLE L AND O I	0460	INDEPENDENCE	7	35 45	91 38	277	5P				U S FOREST SERVICE	MORRISON	4938	CONWAY	1	35 07	92 45	280	5P	7A			C U S CORPS OF ENGINEERS
BEAR CREEK LAKE	0496	LEE	7	34 43	90 42	220	5P				L. G. ADAMSON	MOUNT IDA	5010	LOGAN	1	35 10	93 41	280	6P	6P			C H ARKANSAS FORESTRY COMM
BEATTY LAKE	0518	CARROLL	7	36 28	93 46	930	7A				HARVEY E. SKELTON	MOUNTAIN HOME 1 NNW	5036	BARTER	7	36 20	92 23	800	6P			C H RADIO STATION KURS	
BEAVER 1 SE	0530	WHITE	7	35 04	91 53	250	5P				MARVIN MORRISON	NARROWS DAM	5110	PIKE	3	34 09	93 43	425	WA	8A			C U S CORPS OF ENGINEERS
BEAVER 2 SE	0530	WHITE	7	35 04	91 53	250	5P				B. B. HAMMOND	NASHVILLE PEACH SUBSTA	5112	HOWARD	4	34 40	93 56	550	7A	7A			C UNIVERSITY OF ARKANSAS
BEECH GROVE	0534	GREENE	7	36 09	90 38	298	8A				M. W. GRENKBRIDGE	NASHVILLE SCS	5114	HOWARD	4	33 57	93 51	373	7A			C U S SOIL CONS SERVICE	
BEECHVILLE	0546	JACKSON	9	35 51	91 08	221	8A				M. W. GRENKBRIDGE	N. W. GORDAS	5126	HOWARD	3	34 67	92 32	318	7A			C U S SOIL CONS SERVICE	
BENTONVILLE	0582	SALINE	6	34 33	92 37	285	5P				ETTA C. BURNS	NEWPORT 3 E	5174	PIKE	3	34 14	93 50	800	7A			C U S SOIL CONS SERVICE	
BENTONVILLE 4 NW	0588	BENTON	1	36 22	94 13	1295	6P	7A			EARLE L. BROWNE	NEWPORT	5188	JACKSON	3	35 36	91 17	225	5S	7A			C H LUTHER D. SUMMERS JR
BERRYVILLE	0616	CARROLL	7	36 26	93 37	1150	7A				C. DAVID L. STIDHAM	NEWPORT	5200	PIKE	3	35 36	91 17	225	5S	7A			C H RADIO STATION KURS
BIG FORK	0644	POLK	3	34 29	93 98	1100	7A				ANNA M. LILES	NORFORD DAM	5228	BARTER	7	36 15	92 15	425	7A			C U S CORPS OF ENGINEERS	
BIG LAKE OUTLET	0678	MISSISSIPPI	1	35 39	91 06	221	8A				M. W. GRENKBRIDGE	OELL 3 N	5284	WASHINGTON	1	35 48	94 24	1500	7A				C U S CORPS OF ENGINEERS
BLACK ROCK	0746	LAWRENCE	7	36 07	91 06	259	7A				LEE W. MCKENNEY	OELL 2 W	5358	MONTGOMERY	3	34 38	93 48	800	7A			C U S CORPS OF ENGINEERS	
BLACKLEY MOUNTAIN DAM	0764	GARLAND	3	34 36	93 11	426	8A				U S CORPS OF ENGINEERS	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BLUFF MOUNTAIN DAM	0800	CLARK	1	33 03	92 59	425	6P				U S CORPS OF ENGINEERS	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BLUFF CITY 3 SW	0800	NEVADA	3	33 41	93 09	360	7A				CATHERINE WHITE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BLUTHYVILLE	0806	MISSISSIPPI	1	35 56	89 55	252	6P				H IVY W. CRAWFORD	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 6 NW	0825	LOGAN	1	35 12	93 59	-					U S SOIL CONS SERVICE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 7 NE	0825	LOGAN	1	35 12	93 59	-					U S SOIL CONS SERVICE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 8 NNE	0827	LOGAN	1	35 13	93 54	-					U S SOIL CONS SERVICE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 9 NNE	0827	LOGAN	1	35 13	93 54	-					U S SOIL CONS SERVICE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 10 NNE	0827	LOGAN	1	35 13	93 54	-					U S SOIL CONS SERVICE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 11 NNE	0827	LOGAN	1	35 13	93 54	-					U S SOIL CONS SERVICE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 12 NNE	0827	LOGAN	1	35 13	93 54	-					U S SOIL CONS SERVICE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 13 NNE	0827	LOGAN	1	35 13	93 54	-					U S SOIL CONS SERVICE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 14 NNE	0827	LOGAN	1	35 13	93 54	-					U S SOIL CONS SERVICE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 15 NNE	0827	LOGAN	1	35 13	93 54	-					U S SOIL CONS SERVICE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 16 NNE	0827	LOGAN	1	35 13	93 54	-					U S SOIL CONS SERVICE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 17 NNE	0827	LOGAN	1	35 13	93 54	-					U S SOIL CONS SERVICE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 18 NNE	0827	LOGAN	1	35 13	93 54	-					U S SOIL CONS SERVICE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 19 NNE	0827	LOGAN	1	35 13	93 54	-					U S SOIL CONS SERVICE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 20 NNE	0827	LOGAN	1	35 13	93 54	-					U S SOIL CONS SERVICE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 21 NNE	0827	LOGAN	1	35 13	93 54	-					U S SOIL CONS SERVICE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 22 NNE	0827	LOGAN	1	35 13	93 54	-					U S SOIL CONS SERVICE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 23 NNE	0827	LOGAN	1	35 13	93 54	-					U S SOIL CONS SERVICE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 24 NNE	0827	LOGAN	1	35 13	93 54	-					U S SOIL CONS SERVICE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 25 NNE	0827	LOGAN	1	35 13	93 54	-					U S SOIL CONS SERVICE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 26 NNE	0827	LOGAN	1	35 13	93 54	-					U S SOIL CONS SERVICE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 27 NNE	0827	LOGAN	1	35 13	93 54	-					U S SOIL CONS SERVICE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 28 NNE	0827	LOGAN	1	35 13	93 54	-					U S SOIL CONS SERVICE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 29 NNE	0827	LOGAN	1	35 13	93 54	-					U S SOIL CONS SERVICE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 30 NNE	0827	LOGAN	1	35 13	93 54	-					U S SOIL CONS SERVICE	OSCEOLA	5460	MISSISSIPPI	2	35 43	89 59	245	6P				C U S CORPS OF ENGINEERS
BOONEVILLE 31 NNE	0827	LOGAN																					

REFERENCE NOTES

Addresses of format regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to the Weather Bureau Office Near You.

Figures and letters following the station name such as 10 SSW indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 10 months will be carried in the June issue of this bulletin.

Stations appearing in the index but for which data are not listed in the tables are either missing or received too late to be included in this issue.

Abbreviations as used in Climatological Data Table and on the maps became effective with data for January 1957.

Units otherwise indicated dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sum of the negative departures of average daily temperatures from 55°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Long-term means for full-time stations those shown in the Station Index as "U. S. Weather Bureau" are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Portions of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table and in the seasonal snowfall table include snow and sleet. Portions of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table, "Daily Temperature" Table, and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published are for the 14 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA Stations. For those stations snow on ground values are at 0600 C.S.T.

In the Station Index the letters C, E, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes and are published later in "Hourly Precipitation Data Bulletin".
- E "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and or snow on ground in that month.
- J "Supplemental Data" Table.

Other Reference Notes

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
- Unrecorded values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Daily Precipitation" Table, "Evaporation and Wind" Table, "Snowfall and Snow on Ground" Table, and the Station Index.
- Add also on an earlier date or dates.
- * Amount included in following measurement time distribution unknown.
- Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- Gage is equipped with a windshield.
- 10 This entry in time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- E Adjusted to a full month.
- † Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- ‡ One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data is carried for this station; have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in "Hourly Precipitation Data".)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace an amount too small to measure.
- V Includes total for previous month.

Subscription Price 20 cents per copy monthly and annual \$1.80 per year. Yearly subscription includes the Annual Summary. Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW and the MONTHLY CLIMATOLOGICAL DATA, NATIONAL SUMMARY either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

C 3 18/5.

U. S. DEPARTMENT OF COMMERCE
LEWIS L. STRAUSS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief



CLIMATOLOGICAL DATA

ARKANSAS

OCTOBER 1958
Volume LXIII No. 10



SUPPLEMENTAL DATA

ARKANSAS
OCTOBER 1958

Station	Wind direction		Wind speed m p h				Relative humidity averages - percent				Number of days with precipitation								
	Prevailing	Percent of time prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	MIDNIGHT CST	6:00A CST	NOON CST	6:00P CST	Trace	10-09	10-49	50-99	100-199	200 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
FORT SMITH WB AIRPORT	NE	23	7.1	36	N	9	81	81	52	60	3	3	1	1	0	0	8	57	5.5
LITTLE ROCK WB AIRPORT	N	11	7.7	22	Nw	10	78	81	47	58	3	3	1	0	0	0	7	77	5.5
TEXARKANA WB AIRPORT	NE	16	5.6	-	-	-	-	90	-	-	4	3	2	0	0	1	10	-	-

CLIMATOLOGICAL DATA

Station	Temperature													Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Mean	Highest	Date	Lowest	Date	Degrees Days	No of Days					Total	Departure From Long Term Mean	Greatest Day	Date	Snow, Sleet			No of Days				
										Max		Min							Total	Date	Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
										100° or Above	95° or Below	90° or Below	85° or Below	80° or Below												
NORTHWEST DIVISION																										
BENTONVILLE	71.3	44.9	58.1		83	9+	27	27	239	0	0	0	0	0	.56		.36	22	.0	0	2	0	0	0		
EUREKA SPRINGS	72.1	45.9	59.0	- 3.3	83	19	31	27	215	0	0	0	0	0	.78	- 3.11	.69	22	.0	0	1	1	0	0		
FAYETTEVILLE	70.2	47.1	58.7		82	8	30	27	222	0	0	0	0	0	.91		.56	10	.0	0	3	1	1	0		
FAYETTEVILLE CAA AIRPORT	70.9	43.9	57.4		83	8	28	29	253	0	0	4	2	0	1.21		1.05	9	.0	0	3	1	1	0		
FAYETTEVILLE EXP STA	70.8	45.8	58.3	- 3.0	81	19+	26	27	235	0	0	0	0	0	.89	- 2.91	.49	10	.0	0	2	0	0	0		
GRAVETTE	72.0	44.3	58.2	- 2.7	84	17+	23	27	235	0	0	0	0	0	.85	- 3.11	.35	22	.0	0	2	0	0	0		
HARRISON	72.7	44.5	58.6	- 1.7	85	8	27	27	224	0	0	3	0	0	.49		.24	21	.0	0	2	1	0	0		
LEAD HILL	73.8M	43.0	58.4M	- 1.9	86	8	25	27	228	0	0	5	0	0	.48	- 2.66	.48	21	.0	0	1	1	0	0		
ROGERS	72.7	48.1	60.4	- 0.8	85	19	32	27	185	0	0	1	0	0	.63	- 3.37	.50	22	.0	0	2	1	0	0		
SILOAM SPRINGS	72.3	46.8	59.6		85	19	27	27	202	0	0	3	0	0	.66		.38	10	.0	0	2	0	0	0		
DIVISION			58.7	- 2.3											.75	- 2.90			.0							
NORTH CENTRAL DIVISION																										
FLIPPIN CAA AIRPORT	73.4	44.7	59.1		86	8	29	27	217	0	0	2	0	0	.52		.44	21	.0	0	1	0	0	0		
GILBERT	74.7	45.0	59.9		87	8	29	27	194	0	0	3	0	0	1.37		.78	22	.0	0	4	1	0	0		
MAMMOTH SPRING	74.5	43.2	58.9	- 1.3	86	17	25	27	220	0	0	5	0	0	.83		.35	10	.0	0	4	0	0	0		
MARSHALL	70.9M	42.2M	56.6M		82	17	28	27	264	0	0	5	0	0	1.99		.93	22	.0	0	5	1	0	0		
MOUNTAIN HOME 1 NNW	72.3	49.5M	60.9M	- 0.6	84	8			141	0	0	0	0	0	1.44	- 1.46	.93	1	.0	0	2	1	0	0		
MOUNTAIN HOME C OF ENG	72.4	44.0	58.2		85	9	31	27	226	0	0	2	0	0	.79		.49	22	.0	0	2	0	0	0		
DIVISION			58.9	- 1.6											1.16	- 1.99			.0							
NORTHEAST DIVISION																										
BALD KNOB	73.8	47.0M	60.4M		84	16	36	28+	169	0	0	0	0	0	.82		.49	22	.0	0	2	0	0	0		
BATESVILLE LIVESTOCK	75.2	44.1	59.7		85	18+	31	27+	187	0	0	2	0	0	.93		.82	9	.0	0	1	1	0	0		
BATESVILLE L AND D NO 1	75.1	45.0	60.1		85	17	28	27	191	0	0	3	0	0	.53	- 2.82	.40	1	.0	0	1	0	0	0		
BLTYHEVILLE	72.7	48.6	60.7	- 2.7	85	9	36	27	171	0	0	0	0	0	1.01	- 1.84	.57	10	.0	0	3	1	0	0		
CORNING	73.6	47.3	60.5	- 1.2	85	17	32	29	178	0	0	1	0	0	.69	- 2.89	.52	1	.0	0	2	1	0	0		
JONESBORO	74.1	48.9	61.5	- 1.6	85	17+	35	27	150	0	0	0	0	0	1.34	- 2.13	.53	1	.0	0	3	1	0	0		
MARKED TREE	73.2	47.7	60.5	- 1.5	88	8	36	29+	168	0	0	0	0	0	1.52	- 1.51	.70	1	.0	0	3	1	0	0		
NEWPORT	73.1	48.8	61.0	- 2.3	84	17	37	29+	159	0	0	0	0	0	1.80		.70	1	.0	0	3	1	0	0		
PARAGOULD RADIO KDRS	73.9	45.0M	59.5M		85	8	33	27	197	0	0	0	0	0	1.47		.64	22	.0	0	4	1	0	0		
POCAHONTAS 1	74.7	47.1M	60.9M	- 1.4	89	14	36	29+	165	0	0	0	0	0	.35	- 3.14	.35	8	.0	0	1	0	0	0		
SEARCY	75.2	48.9	62.1	- 1.5	85	17+	38	27	138	0	0	0	0	0	.82	- 2.76	.48	23	.0	0	2	0	0	0		
WALNUT RIDGE CAA AIRPORT	73.5	48.0	60.8		84	17+	36	29+	169	0	0	0	0	0	.66		.29	31	.0	0	3	0	0	0		
WILSON	73.6	47.1	60.4		85	9	35	2	176	0	0	0	0	0	1.27		.77	10	.0	0	2	2	0	0		
DIVISION			60.6	- 1.8											1.02	- 2.17			.0							
WEST CENTRAL DIVISION																										
BOONEVILLE	73.5M	45.5M	59.5M	- 4.9			31	28+	211	0	0	2	0	0	2.62	- .52	1.61	22	.0	0	2	2	2	0		
CAMP CHAFFEE	74.6	47.3	61.0		85	21+	32	28	168	0	0	1	0	0	1.23		.63	22	.0	0	2	2	0			
CLARKSVILLE	75.2	48.1	61.7		89	8	32	27	155	0	0	1	0	0	2.49		1.06	22	.0	0	3	3	1			
DARDANELLE	75.7	48.9	62.3	- 2.2	87	17	34	27	129	0	0	0	0	0	2.19	- 1.03	1.79	22	.0	0	2	1	1			
DEVILS KNOB	67.0	49.3	58.2		78	8	34	26	220	0	0	0	0	0	3.19		1.64	22	.0	0	4	3	1			
FORT SMITH WB AIRPORT	73.8	50.5	62.2	- 1.7	86	19	36	28	140	0	0	0	0	0	1.32	- 2.31	.81	9	.0	0	2	1	0			
FT SMITH WATER PLANT	73.5	45.9	59.7		83	9+	30	27	192	0	0	3	0	0	1.29		.58	22	.0	0	4	1	0			
MEHA	72.6	51.3	62.0	- 2.2	84	19+	37	28+	139	0	0	0	0	0	4.63	.79	2.00	22	.0	0	5	3	2			
MOUNT MAGAZINE	65.5	49.6	57.6		78	19	37	1	232	0	0	0	0	0	2.83		1.75	21	.0	0	3	2	1			
OZARK	75.4	49.9	62.7	- 0.8	88	9+	35	27	130	0	0	0	0	0	2.13	- 1.19	1.31	22	.0	0	2	2	1			
PARIS	76.3	47.3	61.8		88	8	34	28	146	0	0	0	0	0	1.66		.73	21	.0	0	3	2	0			
RUSSELLVILLE																										
SUBIACO	75.2	48.8	62.0	- 2.6	87	8	36	27	145	0	0	0	0	0	1.72	- 1.86	1.36	22	.0	0	2	1	1			
TURNPIKE															3.81		1.06	10	.0	0	5	4	2			
WALDRON	75.4	47.4	61.4		85	19+	31	28+	156	0	0	2	0	0	3.48		2.18	21	.0	0	3	2	1			
WHITE ROCK	67.7	50.9	59.3		78	24+	37	26+	193	0	0	0	0	0	1.57		.73	22	.0	0	3	2	0			
DIVISION			60.8	- 2.6											2.41	- 1.18			.0							
CENTRAL DIVISION																										
ALUM FORK	74.2	50.5	62.4		83	17	40	28	115	0	0	0	0	0	2.45		1.55	22	.0	0	3	2	1			
BENTON															2.19		.99	23+	.0	0	3	2	0			
BLAKELY MOUNTAIN DAM	73.6	48.3	61.0		83	21+	36	28	150	0	0	0	0	0	4.63		2.65	22	.0	0	4	2	2			
COWAY	74.5	47.9	61.2	- 3.5	84	17	35	28+	151	0	0	0	0	0	1.29	- 2.09	1.04	22	.0	0	2	1	1			
HOT SPRINGS 1 NNE	74.2	52.6	63.4	- 2.9	84	18+	41	28+	106	0	0	0	0	0	2.59	- .97	2.00	22	.0	0	2	2	1			
LITTLE ROCK WB AIRPORT	73.2	53.1	63.2	- 0.9	85	17	45	28+	115	0	0	0	0	0	.31	- 2.50	.17</									

CLIMATOLOGICAL DATA

ARKANSAS
OCTOBER 1958

CONTINUED

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days			
										Max		Min						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More	
										60° or Above	32° or Below	32° or Below	60° or Below											
EAST CENTRAL DIVISION																								
BRINKLEY	74.5	49.2	61.9	- 1.6	84	17+	33	28+	145	0	0	0	0	1.18	- 1.78	.51	1	.0	0			4	1	0
DES ARC	74.1	48.1	61.1		86	18	35	27	162	0	0	0	0	1.80		1.12	1	.0	0			3	2	1
HELENA	75.4	52.3	63.9	- 1.1	85	6	40	28+	99	0	0	0	0	1.13	- 1.57	.86	1	.0	0			2	1	0
KED	73.0	48.7	60.9		85	8	37	28+	161	0	0	0	0	.86		.66	22	.0	0			2	1	0
MARIANNA 2 S	74.9	47.9	61.4	- 2.2	88	16	35	28+	150	0	0	0	0	1.18	- 1.77	.45	23	.0	0			3	0	0
SAINT CHARLES	74.5M	50.5	62.5M		85	10	38	28	123	0	0	0	0	2.21		1.32	1	.0	0			2	2	1
STUTTART	73.6	52.2	62.9	- 2.1	84	9+	39	27	115	0	0	0	0	1.94	- 1.01	1.38	1	.0	0			3	1	1
STUTTART 9 ESE	73.7	47.9M	60.8M		84	10	35	27	157	0	0	0	0	1.49		1.32	1	.0	0			2	1	1
WYNNE	73.7	47.7	60.7		84	9+	33	28+	174	0	0	0	0	1.02		.52	23	.0	0			3	1	0
DIVISION			61.8	- 2.1										1.42	- 1.51			.0						
SOUTHWEST DIVISION																								
ASHDDWN	74.6	53.4	64.0		84	21+	37	28	107	0	0	0	0	1.30		.61	10	.0	0			3	1	0
DE QUEEN	74.8	53.5	64.2		85	18	38	28	100	0	0	0	0	3.15		2.35	22	.0	0			4	1	1
DIERKS																								
HOPE 3 NE	74.3	51.2	62.8	- 2.3	85	10	38	28	120	0	0	0	0	1.61	- 1.52	.80	1	.0	0			5	1	0
MDUNT IDA	73.7	47.2	60.5	- 1.6	84	24	31	28	160	0	0	1	0	5.51	- 1.93	2.80	22	.0	0			4	3	2
NARRDWS DAM	75.5	50.3	62.9		86	18	36	28	111	0	0	0	0	4.09		2.53	22	.0	0			3	2	2
NASHVILLE PEACH SUBSTA	74.0	52.5	63.3		84	20+	42	27	113	0	0	0	0	2.81		2.25	22	.0	0			3	1	1
DKAY	76.3	53.1	64.7	- 1.4	85	20+	36	31	104	0	0	0	0	.62	- 2.70	.37	22	.0	0			2	0	0
TEXARKANA WB AIRPRT	R//	73.2	54.7	64.0	- 3.0	85	9	41	28	110	0	0	0	3.25	- .13	2.75	10	.0	0			3	1	1
DIVISION			63.3	- 1.2										2.79	- .68			.0						
SOUTH CENTRAL DIVISION																								
ARKADELPHIA	73.5	52.6	63.1		88	15	38	28	116	0	0	0	0	.43	- 3.04	.30	21	.0	0			2	0	0
CAMDEN 1	74.6	49.6	62.1	- 2.9	88	10	37	28	124	0	0	0	0	.97	- 1.99	.83	23	.0	0			1	1	0
EL DORADD CAA AIRPRT	73.7	52.2	63.0	- 3.6	86	9	38	28	113	0	0	0	0	.55	- 2.32	.34	22	.0	0			2	0	0
FDROYCE 6 W	73.8	51.8	62.8		84	9	39	28	116	0	0	0	0	.82		.60	22	.0	0			3	1	0
MAGNOLIA 3 N	74.6	49.4	62.0	- 5.2	88	9	34	28	135	0	0	0	0	.51	- 2.11	.19	1	.0	0			3	0	0
PRESCOTT	74.5	51.0	62.8	- 3.6	85	21+	41	29+	111	0	0	0	0	1.99	- 1.29	1.37	1	.0	0			5	1	1
WARREN	75.0	52.1	63.6	- 2.7	88	9	37	28	103	0	0	0	0	1.14		.63	22	.0	0			3	1	0
DIVISION			62.8	- 3.1										.92	- 2.04			.0						
SOUTHEAST DIVISION																								
CRDSSETT 7 S	75.7	51.4	63.6	- 2.1	87	9	38	28	95	0	0	0	0	.58	- 2.08	.26	4	.0	0			3	0	0
CUMMINS FARM	74.0	48.9	61.5		83	8	37	28+	135	0	0	0	0	1.37		.53	23	.0	0			4	1	0
DUMAS 1 ESE	76.0	50.0	63.0	- 2.4	86	9	37	28	105	0	0	0	0	1.48	- 1.10	.98	1	.0	0			2	2	0
MONTICELLO 3 S	76.2M				87	9	35	28+		0	0	0	0	1.12		.68	22	.0	0			2	1	0
PINE BLUFF	73.6	53.0	63.3	- 3.3	84	9	42	28+	103	0	0	0	0	2.44	- .71	2.16	1	.0	0			2	1	1
PINE BLUFF CAA AIRPRT	73.4	50.5	62.0		84	9+	39	28	130	0	0	0	0	.33		.19	22	.0	0			2	0	0
PRTRLAND	74.1	50.6	62.4	- 2.9	85	10	41	29+	115	0	0	0	0	1.30	- 1.40	1.00	1	.0	0			3	1	1
DIVISION			62.6	- 2.8										1.23	- 1.48			.0						

Highest Temperature 89 on the 14+ at 2 Stations.

Lowest Temperature 23 on the 27 at Gravette.

Greatest Total Precipitation 5.75 inches at Big Fork.

Least Total Precipitation 0.05 inches at Hamburg.

Greatest one-day precipitation 4.13 inches on the 22 at Pine Ridge.

DAILY TEMPERATURES

ARKANSAS
OCTOBER 1958

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALUM FORK	MAX	64	69	69	73	82	80	81	82	77	73	75	79	79	72	80	83	82	78	81	79	75	78	81	77	65	61	64	61	61	61	74.2	
	MIN	45	44	45	46	50	52	59	62	66	56	50	51	48	50	59	57	53	58	47	51	55	53	45	50	49	43	42	40	45	46	48	50.5
ARKADELPHIA	MAX	65	66	60	70	74	76	81	82	83	80	72	71	80	78	88	85	80	82	79	84	75	75	80	69	64	65	65	56	60	59	73.5	
	MIN	48	44	50	51	56	56	59	63	67	64	54	56	51	51	60	60	56	55	48	51	60	59	48	47	53	43	41	38	43	50	52.6	
ASHDOWN	MAX	65	68	66	69	71	79	81	83	83	79	70	77	80	81	78	81	81	83	84	82	84	78	78	82	72	62	66	62	63	60	74.6	
	MIN	49	43	51	50	57	50	58	68	69	62	55	55	48	55	60	61	53	54	54	64	64	68	52	49	57	40	40	37	41	48	43	53.4
BALD KNOB	MAX	62	65	62	80	80	80	82	83	81	70	73	79	80	77	80	84	80	77	80	80	80	75	75	78	70	65	62	65	63	61	60	73.8
	MIN	46	43	43	46	47	55	60	61	58	41	51	46	46	58	56	48	56	41	46	42	51	54	41	42	40	37	36	36	41	43	46	47.0
BATESVILLE LIVESTOCK	MAX	65	65	66	69	79	84	82	81	80	79	78	79	70	78	85	78	84	85	81	82	82	81	68	77	77	70	63	65	66	66	65	75.2
	MIN	39	31	36	39	46	46	56	61	61	55	50	39	44	46	55	49	51	46	38	44	48	50	37	46	37	43	31	34	33	37	40	44.1
BATESVILLE L AND D NO 1	MAX	63	67	69	76	84	83	83	82	83	77	75	77	81	84	76	83	85	80	77	81	82	78	77	76	70	64	60	65	66	63	60	75.1
	MIN	43	33	43	38	43	50	58	62	66	62	40	39	49	43	57	56	47	44	38	42	58	56	40	42	34	41	28	32	31	39	42	45.0
BENTON	MAX	60	60	71	75	81	80	76	83	83	78	73	72	80	71	74	79	81	77	82	80	70	68	76	76	66	53	59	60	60	59	47	71.3
	MIN	32	33	43	44	46	52	63	66	68	48	41	41	50	48	57	53	50	39	45	55	57	52	39	43	34	35	27	31	29	31	39	44.9
BLAKELY MOUNTAIN OAM	MAX	65	65	66	64	72	81	80	82	83	79	74	68	76	80	78	74	80	83	81	80	83	79	68	79	79	70	59	66	65	62	61	73.6
	MIN	49	39	45	46	52	53	54	60	62	59	50	51	45	47	49	56	50	53	45	48	51	55	45	45	47	41	37	36	39	44	44	48.3
BLYTHEVILLE	MAX	62	65	63	75	80	83	80	83	85	77	69	71	78	81	75	81	83	77	75	78	81	71	73	70	67	62	59	63	65	64	58	72.7
	MIN	43	37	45	45	48	52	60	63	67	58	45	44	47	54	61	55	55	54	46	45	50	56	45	48	43	46	36	40	38	39	43	48.6
BOONEVILLE	MAX	66	68	67	78	85	83	82	87	85	77	69	74	84	80	80	82	84	77	78	81	83	72	77	74	75	75	83	66	64	61	54	73.5
	MIN	40	35	43	39	46	48	61	64	68	61	47	48	45	46	46	54	60	54	53	54	52	54	40	43	42	48	39	33	45	42	45.5	
BRINKLEY	MAX	63	66	66	70	80	83	82	84	84	79	75	81	80	80	81	82	84	77	78	81	83	72	77	74	70	63	63	64	64	63	58	74.5
	MIN	44	39	52	49	45	49	57	62	64	58	42	46	58	57	57	54	60	54	53	54	52	47	43	44	48	39	33	33	37	44	45	49.2
CAMOEN 1	MAX	73	64	68	60	71	75	81	83	81	88	72	75	77	81	78	80	79	80	81	80	84	81	72	77	83	70	63	65	64	62	65	74.6
	MIN	49	43	45	50	51	53	53	55	65	68	53	51	46	47	53	59	55	54	47	49	51	52	47	46	46	43	42	37	38	42	48	49.6
CAMP CHAFFEE	MAX	65	65	65	67	75	80	81	82	85	85	76	72	82	79	75	83	83	81	85	85	72	75	81	80	76	54	65	64	63	60	74.6	
	MIN	39	39	44	41	47	49	58	65	67	59	50	49	46	48	54	52	49	51	49	53	61	56	39	44	40	41	33	32	33	37	41	47.3
CLARKSVILLE	MAX	66	68	67	75	83	81	89	86	77	71	77	82	80	78	82	85	82	85	82	85	77	79	82	73	60	62	65	65	60	56	75.2	
	MIN	39	36	46	40	44	52	61	67	70	61	52	46	53	49	58	55	50	49	44	50	63	53	40	45	41	39	32	34	33	46	44	48.1
CONWAY	MAX	64	66	63	72	82	81	83	82	80	79	70	76	81	81	75	80	84	80	80	82	81	75	78	80	76	67	65	65	64	60	58	74.5
	MIN	47	37	43	42	47	49	60	64	66	59	43	46	48	46	58	54	48	50	41	50	61	56	42	45	44	45	35	35	36	45	44	47.9
CORNING	MAX	61	64	67	75	81	83	79	82	81	76	70	72	81	79	78	81	85	77	75	80	82	80	75	72	67	60	67	65	65	62	61	73.6
	MIN	40	36	42	47	47	51	60	64	67	58	41	44	49	52	60	58	52	48	44	42	52	55	40	45	38	43	39	37	32	40	42	47.3
CROSSETT 7 S	MAX	73	69	66	76	76	84	83	83	87	83	74	76	80	76	78	80	78	83	82	82	82	77	82	72	66	65	65	63	63	62	62	75.7
	MIN	52	45	48	53	60	52	54	61	60	56	53	48	47	50	58	47	50	52	46	48	52	59	51	46	50	42	45	38	43	50	51	51.4
CUMMINS FARM	MAX	63	67	63	74	75	81	82	83	81	79	72	75	79	77	75	79	80	79	78	81	82	75	77	76	75	63	65	64	64	67	64	74.0
	MIN	48	42	47	51	51	50	54	56	65	62	51	48	49	48	60	58	53	54	45	45	50	52	44	43	43	43	37	39	46	48	48.9	
DARDANELLE	MAX	67	69	63	74	85	83	83	85	79	78	71	74	81	82	73	82	87	84	80	86	79	71	81	83	75	66	69	67	66	62	63	75.7
	MIN	46	39	45	42	47	50	58	63	66	60	48	49	49	48	59	56	52	54	44	49	62	55	44	46	45	40	34	35	40	47	45	48.9
DE QUEEN	MAX	67	68	63	77	78	79	81	83	84	75	68	77	80	79	74	81	84	85	83	84	80	75	78	83	72	61	69	65	62	65	58	74.8
	MIN	48	44	51	52	56	52	62	69	71	65	57	58	48	53	60	60	52	54	54	58	63	62	43	50	58	41	42	38	44	48	45	53.5
DES ARC	MAX	64	63	66	62	74	80	82	82	84	84	74	69	74	80	82	78	82	86	77	79	82	83	67	78	78	71	61	64	66	63	63	74.1
	MIN	46	42	44	43	47	51	51	60	66	60	48	45	50	49	54	57	52	55	45	46	51	59	43	45	48	41	35	36	41	41	45	48.1
DEVILS KNOB	MAX	52	56	62	72	76	74	72	78	76	72	69	71	73	68	69	75	77	72	74	76	68	66	71	75	65	52	55	56	56	48	51	67.0
	MIN	36	38	46	46	54	55	57	63	63	51	50	52	53	58	57	56	58	55	54	53	50	46	52	56	41	34	36	38	40	39	42	49.3
DIERKS	MAX	68	71	64	78	78	83	81	82	86	77	74	78	83	79	79	80	82	82	81	81	81	80	79	82	71	66	67	67	68	70	59	76.0
	MIN	48	41	48	54	53	51	57	61	66	60	50	50	46	48	57	59	54	53	48	45	55	53	43	42	49	43	40	37	41	48	49	50.0
EL DORADO CAA AIRPORT	MAX	62	69	59	71	76	80	82	79	86	73	73	76	81	78	80	80	79	81	81	82	81	75	78	82	70	62	64	64	61	65	56	73.7
	MIN	49	44	51	51	56	50	57	64	68	58	55	51	50	54	60	60	60	56	50	55	59	54	47	48	45	44	44	38	41	52	52.2	
EUREKA SPRINGS	MAX	60	59	71	76	81	79	76	82	81	75	70	72	80	80	76	80	81															

DAILY TEMPERATURES

Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HOT SPRINGS 1 NNE	MAX MIN	67 46	67 42	61 48	73 50	80 55	80 54	81 62	80 66	79 67	77 55	69 52	79 56	82 52	77 54	73 61	80 60	84 55	84 58	82 53	83 57	80 61	73 56	77 48	81 49	72 50	64 45	68 41	66 41	62 44	61 47	59 48	74.2 52.6
JONESBORO	MAX MIN	62 43	66 41	67 45	75 44	84 49	85 53	81 59	84 61	82 66	79 66	76 58	72 47	74 48	82 51	82 52	72 60	82 59	85 45	79 45	81 51	82 51	76 54	73 50	82 42	76 42	62 42	61 35	64 40	64 38	67 43	48 48	74.1 48.9
KEO	MAX MIN	61 46	65 40	61 46	71 44	76 51	81 51	83 57	85 63	84 66	76 58	68 47	73 48	81 48	77 58	81 48	81 53	77 45	81 45	83 54	75 42	74 47	72 55	74 47	69 52	60 44	63 47	64 42	63 37	63 40	62 44	57 45	73.0 48.7
LEAD HILL	MAX MIN	58 34	68 31	70 39	78 42	83 50	82 48	83 54	86 58	82 62	78 44	73 46	82 41	78 49	82 48	78 53	85 47	87 48	79 35	81 35	82 55	82 45	78 34	81 41	72 33	80 40	71 25	68 29	61 26	61 32	60 38	73.8 43.0	
LITTLE ROCK WB AIRPORT	MAX MIN	63 49	64 45	62 51	72 48	82 54	82 61	83 64	83 69	83 66	75 58	67 53	75 55	80 54	79 62	74 62	85 61	85 55	78 49	82 52	82 58	78 53	82 47	66 53	77 47	80 52	70 42	59 46	64 45	65 47	63 48	56 45	73.2 53.1
MAGNOLIA 3 N	MAX MIN	67 48	64 42	54 49	69 45	77 47	80 48	84 54	78 63	88 64	83 61	73 51	77 47	79 50	80 56	76 55	82 54	83 49	84 52	85 56	79 49	78 43	83 43	83 43	79 44	80 43	74 38	68 34	63 42	61 47	63 45	74.6 49.4	
MALVERN	MAX MIN	67 44	66 39	63 43	70 45	75 47	80 48	82 63	84 58	83 63	77 59	70 49	74 50	80 45	80 45	74 54	84 49	82 51	78 43	82 53	81 57	74 43	76 57	79 49	62 38	67 43	67 35	62 34	60 40	63 43	60 44	74.1 47.6	
MAMMOTH SPRING	MAX MIN	62 36	63 30	72 37	78 42	83 47	82 47	80 58	83 62	83 64	78 53	72 38	72 39	81 56	80 43	81 56	83 57	86 44	78 40	80 54	81 49	81 54	79 48	81 33	79 39	69 31	58 25	58 23	63 29	60 36	63 37	74.5 43.2	
MARIANNA 2 S	MAX MIN	63 46	67 40	64 46	74 48	81 48	83 49	80 59	83 66	83 66	79 59	72 46	75 46	81 47	81 50	88 46	82 53	78 46	80 53	81 52	75 46	76 43	79 58	75 47	60 43	60 35	65 37	65 40	67 44	65 44	74.9 47.9		
MARKED TREE	MAX MIN	64 43	65 38	63 46	71 43	78 48	79 52	80 58	88 62	82 64	78 51	69 45	75 45	85 45	75 52	79 55	81 44	71 48	81 54	79 45	81 48	71 54	76 45	81 46	79 46	72 46	66 42	62 36	69 39	64 41	58 44	73.2 47.7	
MARSHALL	MAX MIN	61 32	63 30	70 40	77 48	78 42	80 48	82 52	80 52	78 66	79 52	72 41	78 43	75 53	80 42	82 48	77 42	78 53	80 48	75 60	75 60	66 50	77 36	74 42	67 34	57 39	67 28	57 31	60 29	63 37	59 38	70.9 42.2	
MENA	MAX MIN	65 49	67 43	68 45	75 47	83 52	80 54	78 68	83 68	76 68	74 58	65 55	73 54	81 49	75 51	81 59	83 52	83 55	84 49	81 51	81 63	71 43	79 43	68 56	78 43	80 43	68 44	57 35	65 42	67 47	52 46	72.6 51.3	
MONTICELLO 3 S	MAX MIN	49				81	81	81	87	87	79	72	76	80	79	77	83	80	81	80	82	80	78	80	80	69	71	65	63	64	66	66	76.2
MORRILTON	MAX MIN	65 44	67 39	61 45	73 43	81 49	82 50	82 58	82 63	80 65	76 57	69 46	77 47	81 49	82 48	72 58	84 55	81 49	82 51	81 55	82 48	81 54	82 47	70 56	79 48	81 48	60 46	66 43	66 37	65 41	62 44	62 45	74.3 48.8
MOUNT IOA	MAX MIN	68 45	67 46	62 44	75 45	81 49	80 50	82 54	79 59	81 66	71 59	72 50	75 50	79 44	77 45	83 50	83 46	82 44	82 62	83 48	82 62	79 48	84 38	82 42	75 34	84 37	68 31	58 25	65 37	61 44	61 44	58 41	73.7 47.2
MOUNT MAGAZINE	MAX MIN	56 37	56 40	61 48	69 46	71 55	69 54	71 61	80 56	83 61	70 56	70 61	69 52	63 52	65 51	70 52	73 52	74 54	75 55	78 54	75 54	67 58	63 45	72 58	62 43	55 38	62 39	55 41	55 39	54 41	51 39	65.5 49.6	
MOUNTAIN HOME 1 NNW	MAX MIN	61 38	62 37	69 42	76 44	81 48	79 56	84 58	81 64	81 64	72 53	72 44	73 46	79 54	78 51	80 56	82 48	78 55	82 48	78 51	75 48	75 51	79 48	72 46	69 55	78 48	67 42	53 42	63 39	64 40	61 44	59 44	72.3 49.5
MOUNTAIN HOME C OF ENG	MAX MIN	60 37	61 33	62 36	69 41	76 46	81 46	80 54	79 62	85 63	81 52	71 40	71 43	73 48	78 46	81 49	83 42	77 52	80 49	78 42	80 50	75 56	69 37	78 41	69 39	69 43	78 31	67 31	58 34	62 32	64 42	60 42	72.4 44.0
NARROWS OAM	MAX MIN	74 49	67 43	68 48	63 51	75 54	79 52	80 56	79 66	80 66	80 56	77 46	68 56	78 43	83 48	80 58	77 51	82 49	83 52	85 49	84 54	82 43	84 43	82 39	73 43	76 36	62 36	62 39	67 42	63 48	64 45	75.5 50.3	
NASHVILLE PEACH SUBSTA	MAX MIN	67 47	65 45	69 48	72 49	75 54	82 55	79 61	82 67	82 62	74 56	70 46	73 53	79 49	81 60	74 60	84 51	82 53	84 48	82 53	80 47	82 53	76 43	76 43	62 44	62 44	67 45	64 45	61 49	61 46	74.0 52.5		
NEWPORT	MAX MIN	62 44	66 40	63 45	73 42	81 50	82 51	80 64	83 65	82 65	74 57	70 46	73 53	79 49	81 60	74 60	84 51	78 45	80 55	79 45	82 55	79 46	80 43	79 46	73 46	73 46	69 43	61 39	63 44	63 44	58 44	73.1 48.8	
NIMROD DAM	MAX MIN	65 42	65 36	65 42	75 43	81 48	82 48	81 53	83 60	82 63	78 55	74 44	65 48	75 45	80 46	80 50	71 55	83 40	84 54	81 47	81 56	81 47	81 56	79 47	67 46	73 41	63 37	65 41	67 37	65 43	61 43	73.6 46.8	
OKAY	MAX MIN	66 49	69 43	67 52	71 48	77 51	81 58	84 63	81 68	82 68	82 56	72 46	78 56	82 43	83 61	81 54	83 55	85 54	85 64	79 59	83 64	82 58	83 42	82 57	80 42	62 42	62 37	66 43	63 38	60 36	76.3 53.1		
OSARK	MAX MIN	68 41	67 39	68 47	75 48	83 52	81 59	88 67	88 67	88 67	78 61	72 48	75 48	81 54	80 51	77 59	83 55	85 47	82 56	84 51	82 47	72 44	79 41	82 35	79 41	68 36	64 41	65 35	66 41	65 45	55 45	75.4 49.9	
PARAGOULD RADIO KORS	MAX MIN	61 39	66 36	68 41	75 40	84 42	83 48	85 54	87 61	83 64	79 57	73 40	77 39	81 48	81 56	74 48	84 57	79 47	82 50	79 41	82 44	82 44	79 38	82 41	81 41	75 33	72 41	64 35	65 35	59 39	60 44	73.9 45.0	
PARIS	MAX MIN	65 39	65 39	67 45	80 45	84 52	83 61	88 65	86 65	86 65	80 67	72 47	78 48	84 46	80 57	78 48	83 53	85 50	85 50	86 47	86 58	82 43	80 45	82 45	72 40	67 37	67 35	66 34	60 45	65 42	76.3 47.3		
PERRYVILLE	MAX MIN	63 50	65 44	67 44	79 45	80 56	81 66	84 64	82 64	86 64	82 56	76 46	74 46	79 63	80 63	78 54	82 50	83 57	83 57	83 57	83 57	78 48	78 53	78 48	78 48	67 48	67 48	63 48	63 48	63 48	53 48	78.2	
PINE BLUFF	MAX MIN	64 49	67 44	62 51	72 52	78 56	82 54	83 60	83 66	84 67	77 60	70 56	76 56	80 51	77 52	76 56	79 49	80 51	79 49	82 51	82 47	80 51	82 47	72 48	77 50	81 48	69 52	61 46	65 42	63 43	58 49	73.6 53.0	
PINE BLUFF CAA AIRPORT	MAX MIN	62 47	66 42	63 49	73 50	82 54	81 51	84 56	84 68	84 68	73 57	72 52	75 53	80 48	77 49	76 59	79 58	80 51	82 47	80 46	82 56	79 46	82 46	78 46	81 46	78 46	62 46	65 40	64 39	64 48	56 47	73.4 50.5	
POCAHONTAS 1	MAX MIN	63 41	61 38	69 43	78 45	82 52	80 58	81 62	81 68	81 68	73 60	73 50	80 48	89 49	79 59	85 46	85 46	85 46	81 46	85 46	85 46	75 46	73 42	63 42	63 42	60 36	62 42	65 42	64 42	62 42	74.7 47.1		
PORTLAND	MAX MIN	76 52	63 45	66 46	62 42	72 45	72 55	80 55	80 65	82 65	85 68	73 52	72 51	76 51	78 52	80 52	80 57	80 49	77 52	81 49	81 49	81 49	82 48	81 48	71 48	71 48	65 46	65 46	64 46	64 46	64 46	74.1 50.6	
PRESCOTT	MAX MIN	70 47	62 42	68 42	80 51	82 52	80 50	81 66	83 66	85 66	72 60	72 55	70 55	80 50	80 54	80 54	78 60	80 55	82 55	80 51	82 52	80 52	82 48	83 48	69 46	78 44	83 44	66 41	64 41	60 45	63 48	74.5 51.0	
ROGERS	MAX MIN	62 36	59 34	70 44	75 45	83 49	80 53	83 69</																									

DAILY TEMPERATURES

ARKANSAS
OCTOBER 1958

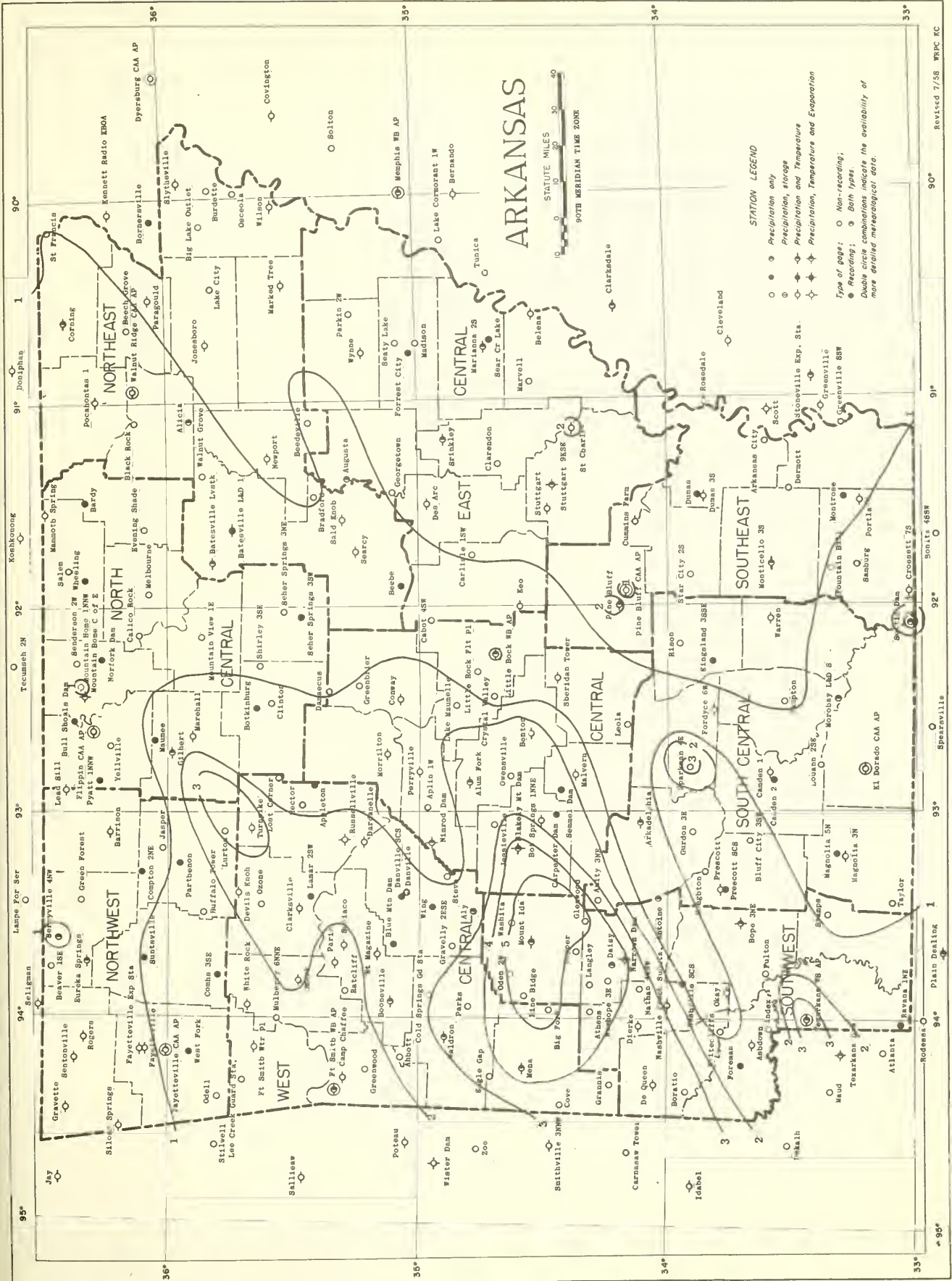
Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
STUTT GART 9 ESE	MAX	68	62	65	62	72	77	81	80	82	84	72	69	75	79	80	79	81	81	79	77	80	82	73	77	80	69	61	64	65	64	65	73.7
	MIN	47	42	44	46	50	50	51	58	65	62	49	48	49	50	50	55	51	53	46	50	60	51	42	46	46	41	36	37	39	45	43	47.9
SUBIACO	MAX	65	65	66	76	84	82	82	87	83	77	71	73	83	78	77	82	84	82	85	86	78	73	81	82	74	65	65	65	63	61	55	75.2
	MIN	41	38	45	42	46	51	62	63	65	67	47	49	51	50	56	58	53	51	46	50	60	51	42	46	46	41	36	37	39	45	43	48.8
TEXARKANA WB AIRPORT	MAX	65	69	57	65	70	79	81	82	85	71	72	77	80	80	78	80	79	82	83	84	83	69	77	81	69	61	65	62	61	62	59	73.2
	MIN	50	45	52	53	56	56	63	70	68	57	56	55	50	57	62	62	58	59	58	60	64	53	53	53	51	45	46	41	46	50	46	54.7
TURMPIKE	MAX																																
	MIN																																
WALORON	MAX	65	66	62	78	85	83	83	80	83	79	68	74	81	79	79	83	84	83	85	83	81	73	82	83	80	66	65	65	63	59	58	75.4
	MIN	44	36	42	42	48	47	61	67	67	60	47	47	42	44	58	54	48	48	45	49	62	55	38	43	46	46	31	31	34	44	42	47.4
WALNUT RIDGE CAA AIRPORT	MAX	63	66	70	74	84	82	80	81	81	73	73	73	82	80	76	81	84	80	79	79	81	68	75	74	70	58	61	64	65	62	61	73.5
	MIN	42	37	45	45	47	52	63	66	68	49	45	45	52	52	60	58	53	51	46	44	53	48	41	45	41	41	36	38	36	42	46	48.0
WARREN	MAX	65	70	62	75	75	82	82	81	88	80	72	78	81	79	79	82	80	82	80	84	81	77	78	82	70	62	66	65	64	66	58	75.0
	MIN	49	42	49	51	56	51	57	63	68	65	54	51	47	49	59	60	57	57	48	50	55	59	48	48	52	45	43	37	42	52	50	52.1
WHITE ROCK	MAX	59	61	60	70	77	75	69	76	76	70	65	67	74	68	68	70	78	77	77	68	68	71	78	67	56	58	58	55	55	50	67.7	
	MIN	37	41	46	46	55	56	59	64	65	53	54	52	55	57	55	57	57	56	59	56	60	49	50	56	43	37	38	42	41	42	41	50.9
WILSON	MAX	66	66	63	75	80	84	82	84	85	77	77	73	76	82	81	81	83	77	75	80	83	72	73	73	67	62	59	60	63	64	58	73.6
	MIN	42	35	39	45	47	49	57	60	65	55	45	43	43	52	57	56	55	54	46	42	48	49	46	48	46	43	36	37	36	41	43	47.1
WYNNE	MAX	63	66	63	72	81	82	80	84	84	78	71	74	81	81	79	81	83	78	75	80	81	77	75	73	67	60	62	64	65	65	60	73.7
	MIN	44	40	43	46	41	54	60	65	67	59	44	42	47	49	58	55	52	52	43	43	55	55	42	47	37	44	33	33	43	43	43	47.7

EVAPORATION AND WIND

Station		Day of month																															Total of Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BLAKELY MOUNTAIN DAM	EVAP	.06	.16	.07	.05	.09	.09	.08	.12	.07	.07	.15	.10	.12	.13	.02	.08	.07	.09	.12	.11	.10	-	.05	.13	.07	.08	.08	.09	.08	.07	.07	2.768
	WIND	55	31	16	3	8	10	16	20	12	20	28	15	14	7	5	3	7	22	17	10	23	23	17	8	19	25	23	19	23	19	23	541
HOPE 3 NE	EVAP	* .27	.04	.09	.07	.07	.11	-	.11	.11	.16	.12	.16	.10	-	.11	.12	.06	.12	.12	.10	.15	.05	.12	.13	.13	.05	.10	.07	.08	.09	3.228	
	WIND	53	20	9	0	6	2	6	38	38	33	24	19	12	7	3	4	6	1	15	10	31	31	20	8	17	24	16	16	18	32	35	554
MOUNTAIN HOME C OF ENG	EVAP	.07	.13	.08	.11	.11	.11	.17	.12	.11	.11	.17	.08	.10	.13	.07	.10	.14	.14	.14	.13	.14	.09	.07	.12	.12	.12	.07	.07	.07	.08	.07	3.34
	WIND	31	10	19	11	12	8	24	42	38	34	22	4	8	6	5	4	4	15	4	10	33	27	5	17	12	40	19	19	18	18	17	536
NARROWS DAM	EVAP	.19	.17	.09	.04	.07	.12	.11	.10	.04	.08	.18	.11	.15	.14	.04	.07	.09	.11	.13	.12	.14	.00	.10	.11	.09	.12	.05	.10	.10	.09	.09	3.14
	WIND	27	36	18	7	18	12	19	23	20	42	34	30	20	22	21	15	18	18	21	19	38	36	15	13	18	18	16	20	29	27	38	708
NIMROD DAM	EVAP	.04	.11	.06	.04	.05	.09	.10	.08	.03	.06	.09	.05	.06	.11	.06	.06	.06	.08	.11	.08	.09	.04	.04	.08	.07	.10	.03	.07	.05	.04	.04	2.07
	WIND	12	11	5	0	5	4	10	10	8	6	8	6	4	5	2	1	3	5	4	6	14	13	3	5	5	10	5	9	6	4	7	196
STUTT GART 9 ESE	EVAP	.02	.13	.11	.03	.08	.07	.11	.15	.09	.14	.13	.11	.12	.10	-	-	-	.14	.04	.18	.13	.12	.03	-	.09	.11	.06	.09	.08	.08	.10	3.038
	WIND	* 123	29	3	24	6	25	87	94	62	37	32	21	12	8	*	*	*	47	29	0	51	47	20	11	16	24	18	18	18	41	30	933

TOTAL PRECIPITATION

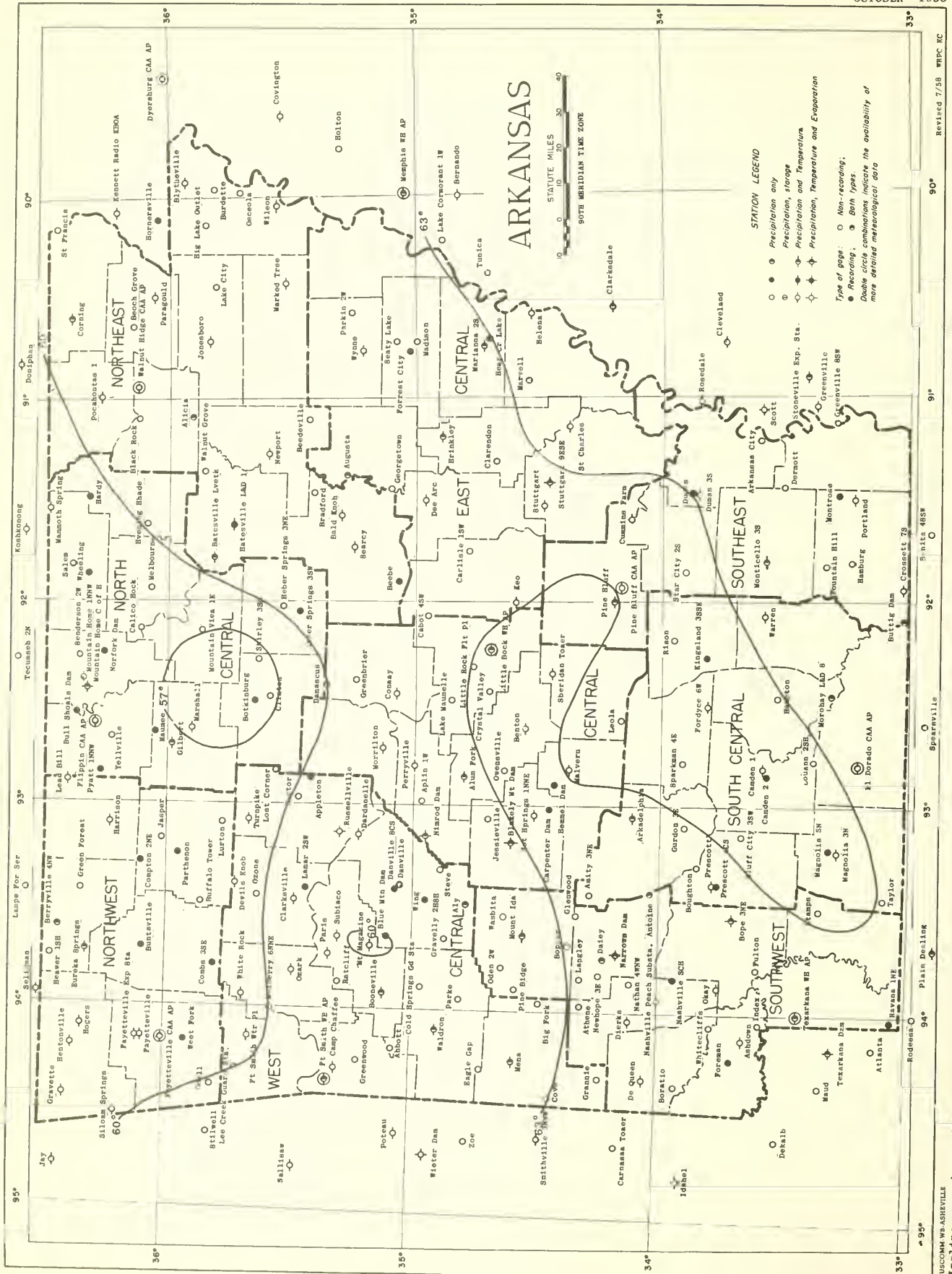
OCTOBER 1958



Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

OCTOBER 1958



STATION LEGEND

- Precipitation only
- ◐ Precipitation, storage
- ◑ Precipitation and Temperature
- ◒ Precipitation, Temperature and Evaporation

Type of page: ○ Non-recording;
 ● Recording; ◐ Both types.
 Double circle combinations indicate the availability of more detailed meteorological data

USCOMM W-8 ASHVILLE
 Isolines are drawn through points of approximately equal values.

STATION INDEX

ARKANSAS
OCTOBER 1950

STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
							TEMP.	PRECIP.	EVAP.	SPECIAL									TEMP.	PRECIP.	EVAP.	SPECIAL		
ABBOTT	0004	SCOTT	1	35 04	94 12	624	7A					JAMES W. WILLIAMS	LURTON	4396	NEWTON	7	35 46	93 05	2007	8A			LOLA I. DOLLAR	
ALCIDI	0084	LAWRENCE	1	35 54	91 05	236	7A					ROBY OWENS	WADSWORTH	5328	ST FRANCIS	5	35 00	92 45	215	7A			JAMES C. HODGES	
ALUM FORD	0130	SALINE	1	34 48	92 52	755	5P					LITTLE ROCK WATERWORKS	MAGNOLIA 3 N	4548	COLUMBIA	4	33 19	93 14	115	6P			EARL E. GRAHAM	
ANTLEY 3 NE	0136	YELL	1	34 47	92 59	854	7A					REBA T. SWANK	MAGNOLIA 5 N	4550	COLUMBIA	4	33 20	93 13	360	6P			ARK POWER AND LIGHT CO	
	0150	CLARK	3	34 17	93 25	75	7A					ALTA F. GARNER	MOUNTAIN HOME 1 NW	4711	FRANKLIN	3	34 23	92 49	311	5P			RADIO STATION KSKK	
ANTIONE	0178	PIKE	3	34 02	93 25	285	8A					DREW A. LAMB	NAMOTH SPRING	4572	FULTON	7	36 29	91 32	690	5S	7A			JOHN H. MCKEE
APPLETON	0188	PIRE	1	34 58	93 00	200	7A					HOBART MATTS	MARIANNA 2 S	4578	LEE	3	34 48	92 46	236	6P			ARK POWER AND LIGHT CO	
ARCADE	0196	POPE	1	35 25	92 53	527	7A					JOHN A. JAMES	MARLED TREE	4654	POINSETT	5	35 32	90 25	229	6P	7A			JOHN F. SHEARON
ARKANSAS CITY	0220	CLARK	3	35 07	93 03	200	6P					TILLMAN E. LAWRENCE	MARSHALL	4666	SEARCY	7	35 54	92 38	1050	5S	7A			NINNIE HORTON
	0234	DESHA	2	33 37	91 12	145	8A					JOHN W. TRAMMELL	MARVELL	4678	PHILLIPS	7	34 33	90 55	195	8A			STERLIN WALLACE	
ASHDOWN	0284	LITTLE RIVER	4	33 40	94 08	329	7P					SW GAS AND ELECTRIC CO	NAUMEE	4696	SEARCY	7	36 03	92 39	749				HELEN E. ADAMS	
ATHENS	0300	HOWARD	4	33 40	93 58	940	7P					ARRA D. PARKER	NELBOURNE	4746	JARARD	7	36 04	91 54	610	7A			C. M. HENRY	
AUGUSTA	0326	WOODRUFF	7	35 18	91 22	218	7A					CECIL WILLIS	MENA	4756	FOLK	3	34 35	94 15	1207	6P	7A			RICHARD W. ST. JOHN
BALD KNOB	0350	WHITE	6	34 38	92 37	230	6P					CITY UNIVERSITY OF ARKANSAS	MONTICELLO 3 S	4900	DREW	3	33 35	91 48	285	5P	5P			ARK POWER AND LIGHT CO
BATESVILLE LIVESTOCK	0458	INDEPENDENCE	7	35 49	91 47	571	9A					UNIVERSITY OF ARKANSAS	MONTROSE	4906	ASHLEY	3	33 19	91 29	127	6P	7A			ARK POWER AND LIGHT CO
BATESVILLE L AND O 1	0460	INDEPENDENCE	7	35 45	91 38	277	5P	7A				JAMES J. HITCHUM	NORDBAY LOCK AND DAM 8	4934	CALHOUN	3	33 19	92 27	85	7A			C. U. S. CORPS OF ENGINEERS	
BEAR CREEK LAKE	0498	LEE	7	34 43	90 42	220	7A					U. S. FOREST SERVICE	NORRILTON	4938	CONWAY	1	35 07	92 45	780	5P	7A			EMMA S. LEAVELL
BEATTY LAKE	0512	ST FRANCIS	5	35 05	90 43	400	5P					ETTA C. ADAMSON	NORRITON	4988	MONTGOMERY	3	34 33	93 38	665	5P	7A			WILLIAM E. BLACK
BEAVER 1 SE	0518	CARROLL	1	36 28	93 46	930	7A					HARVEY E. SKELTON	NORRITON	5010	LOGAN	1	35 10	93 41	280	6P	7A			THOMAS F. MCKINNON
BEAVER 2 SE	0530	WHITE	7	35 04	91 53	250	7A					HARVEY E. SKELTON	NORRITON	5036	BAXTER	1	36 20	92 23	800	6P	6P			RADIO STATION KTL0
BEECH GROVE	0534	GREENE	7	36 09	90 39	298	8A					B. B. HAMMOND	NORRITON	5038	BAXTER	7	36 20	92 23	800	8A	8A			C. U. S. CORPS OF ENGINEERS
BEEFEDVILLE	0536	JACKSON	7	35 26	91 06	221	8A					P. N. BRENNECKE	NORRITON VIEW 1 E	5046	STONE	7	35 52	92 06	768	7A			MELL A. TARPLEY	
BENTONVILLE	0582	SALINE	6	34 38	92 37	216	5P					EARLE L. BROWN	NORRITON VIEW 1 E	5072	FRANKLIN	1	35 54	94 01	700	6P	7A			ARTHUR B. CARLTON
BERRVILLE 4 NW	0616	CARROLL	1	36 22	93 37	1295	6P	7A				DAVID L. STIGHAM	NORRITON VIEW 1 E	5110	PIKE	3	34 09	93 43	425	8A	8A			C. U. S. CORPS OF ENGINEERS
	0616	CARROLL	1	36 22	93 37	1150	7A					DAVID L. STIGHAM	NASHVILLE PEACH SUBSTA	5112	HOWARD	4	34 00	93 56	550	8A	8A			UNIVERSITY OF ARKANSAS
BIG FORD	0644	POLK	3	34 29	93 58	1100	7A					ANNA M. LILES	NASHVILLE SCD	5114	HOWARD	4	33 57	93 51	373					C. U. S. SOIL CONS SERVICE
BIG LICK MISSISSIPPI	0646	MISSISSIPPI	1	35 08	93 55	1000	7A					LEW. D. MCNEELY	NASHVILLE SCD	5116	HOWARD	4	33 57	93 51	373					ELMER J. WESTFALL
BLACK ROCK	0740	LAWRENCE	7	36 07	91 06	259	7A					U. S. CORPS OF ENGINEERS	NEMPHO 3 E	5174	PIKE	3	34 14	93 50	800	6P	7A			FRANK W. MCGRAW
BLAKELY MOUNTAIN OAM	0768	GARLAND	3	34 36	93 11	426	8A	8A				U. S. CORPS OF ENGINEERS	NEWPORT	5186	JACKSON	3	35 36	91 17	225	5S	7A			LUTHER D. SUMMERS JR
BLUE MOUNTAIN OAM	0798	YELL	1	35 06	93 39	455	7A					U. S. CORPS OF ENGINEERS	NIRROD DAN	5200	PERRY	1	34 57	93 10	480	8A	8A			C. U. S. CORPS OF ENGINEERS
BLUFF CITY 3 SW	0800	NEVADA	3	33 41	93 09	360	7A					CATHERINE WHITE	NORFORK DAM	5228	BAXTER	7	36 15	92 15	425					C. U. S. CORPS OF ENGINEERS
BOONEVILLE	0825	LOGAN	1	35 12	93 59	-	4P	7A				U. S. SOIL CONS SERVICE	ODEN 2 W	5350	MONTGOMERY	3	34 38	93 40	800	7A				LORETTA W. JACOBSON
BOONEVILLE 7 NE	0826	LOGAN	1	35 13	93 50	-	4P	7A				U. S. SOIL CONS SERVICE	ODON	5376	HOWARD	4	33 46	93 53	300	5P	5P			J. T. HARGIS
BOONEVILLE 8 WNE	0827	LOGAN	1	35 13	93 50	-	4P	7A				U. S. SOIL CONS SERVICE	OSCEOLA	5400	MISSISSIPPI	2	35 43	89 59	245	5P	6P			THOMAS F. MCKINNON
BOONEVILLE	0830	LOGAN	1	35 09	93 55	511	7P	7A				CLED E. YANDELL	OWENSVILLE	5498	SALINE	3	34 37	92 49	500	8A				GUY COOK
BOUGHTON	0842	VAN BUREN	2	35 39	92 30	1200	7A					THOMAS M. PEARSON	OZARK	5508	FRANKLIN	1	35 29	93 50	396	6P	6A			BURNS WAKEFIELD
BRADFORD	0848	NEVADA	3	35 52	93 20	235	7A					IRIS ELMORE WICKER	OZONE	5514	JOHNSON	1	35 38	93 27	1900	6P	7A			MAURICE R. BRANDT
BRANCH 4 NW	0877	FRANKLIN	1	35 21	92 40	240	7A					HAROLD B. HARRIS	PARAGUOLO RADIO KORS	5562	GREENE	7	36 48	92 74	49					FRANK TAYLOR
BRANCH 5 SW	0888	FRANKLIN	1	35 16	93 59	-	7A					U. S. SOIL CONS SERVICE	PARIS	5576	LOGAN	1	35 18	93 43	410	6P	6P			
BRINKLEY	0936	NEVADA	3	34 53	91 12	205	5P	5P				C. R. POWER AND LIGHT CO	PARIS 4 WSW	5577	LOGAN	1	35 16	93 48	-					C. U. S. SOIL CONS SERVICE
BUFFALO FORD	1010	NEVADA	3	35 52	93 30	276	7A					RICHARD K. WEIS	PARKIN 2 W	5586	CROSS	5	35 16	90 35	222	7A				CORINE O. GARDNER
BULL SHOULDER DAM	1042	KATY	2	34 41	92 34	440	6P					BEULAH F. FOWLER	PARKS	5591	SCOTT	1	34 48	93 57	668	7A				BOHAR K. HANSAO
BURDETTE	1052	MISSISSIPPI	2	35 49	89 57	240	6P					U. S. CORPS OF ENGINEERS	PARTHENO	5600	NEWTON	7	35 16	92 15	800	6P	7A			ARTHUR B. CARLTON
	1102	PULASKI	7	34 57	92 04	289	5P					G. A. HALE	PERRYVILLE	5694	PERRY	1	35 00	92 49	325	5P	7A			FRANCIS FINKBEINER
CALICO ROCK	1132	IZARD	7	36 07	92 08	400	7A					M. W. WALTHER	PIKE BLUFF	5754	JEFFERSON	1	34 12	92 00	215	7P	7A			MRS. EMMA GRESHAM
CANDEN 2	1150	QUACHITA	7	34 43	92 16	118	7A					AUSTIN D. HARRIS	PIKE BLUFF CAA AIRPORT	5756	JEFFERSON	1	34 10	92 56	205	MID	MID			U. S. CIVIL AERO ADM
CAMP CHAFFEE	1172	SEBASTIAN	1	35 18	94 16	419	8A	8A				LEONARD B. BISHAM	PINE RIDGE	5802	NEWTON	7	35 16	92 51	800	6P	7A			JOHN BROWN UNIVERSITY
	1224	LOKOE	1	34 47	91 45	235	8A					EDITH Z. LEHMAN	POMACONTAS 1	5820	RANDOLPH	7	36 16	90 59	330	7A				BENEDICTINE SISTERS
CARLEISLE 1 SW	1238	JARARD	3	34 27	91 01	405	7A					CECIL E. STAMPS	PORTLAND	5866	ASHLEY	3	33 14	91 30	122	7A	7A			PEARL NEWTON
CARLEISLE DAM	1442	MONROE	9	34 41	91 18	172	7A					JOHN L. TAIT	PRESGOTT	5908	NEVADA	3	33 48	93 23	318	7A	7A			H. R. P. HAMB
CLARKSVILLE	1455	JOHNSON	1	35 28	93 28	436	6P	6P				ARK POWER AND LIGHT CO	PRESGOTT SCS	5910	NEVADA	3	33 48	93 23	318					C. U. S. SOIL CONS SERVICE
CLINTON	1492	VAN BUREN	2	35 35	92 28	510	7A					DR. IRVING T. BECHTOLD	RATCLIFF 2 S	6005	LOGAN	1	35 17	93 53	-					C. U. S. SOIL CONS SERVICE
	1520	SCOTT	3	34 58	93 54	1250	7A					EARL B. RIDDICK	RATCLIFF 5 NE	6006	FRANKLIN	1	35 21	93 49	-					C. U. S. SOIL CONS SERVICE
COLO SPRINGS GUARD STA	1574	WADSWORTH	7	35 48	93 48	1400	7A					MARGARET ZORNES	RATCLIFF 5 NW	6007	FRANKLIN	1	35 22	93 55	-					C. U. S. SOIL CONS SERVICE
COMBS 3 SE	1582	COMBES	1	35 48	93 48	1400	7A					RAUDE C. BRASHERS	RATCLIFF 7 N	6008	LOGAN	1	35 18	93 53	463	7A				WMA W. SPANGLING

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1B19, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA Stations. For those stations snow on ground values are at 0600 C.S.T.

In the Station Index the letters C, B, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes and are published later in "Hourly Precipitation Data" Bulletin.
- B "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

Other Reference Notes

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- + No record in the "Daily Precipitation" Table, "Evaporation and Wind" Table, "Snowfall and Snow on Ground" Table; and the Station Index.
- * And also on an earlier date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW and the MONTHLY CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

U. S. DEPARTMENT OF COMMERCE

LEWIS L. STRAUSS, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief



CLIMATOLOGICAL DATA

ARKANSAS

NOVEMBER 1958

Volume LXIII No. 11



ASHEVILLE: 1959

SUPPLEMENTAL DATA

ARKANSAS
NOVEMBER 1958

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation								
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Midnight CST	6:00A CST	Noon CST	6:00P CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
Port Smith WB Airport	NE	20	7.4	42	NW	16	75	82	53	58	4	0	4	0	1	1	10	70	4.8
Little Rock WB Airport	SW	13	9.4	34	N	27	71	78	47	54	2	2	2	2	1	0	9	69	5.4
Texarkana WB Airport	SSW	11	6.8	-	-	-	-	82	-	-	6	0	1	2	1	0	10	-	-

CLIMATOLOGICAL DATA

Station	Temperature											Precipitation													
	Average Maximum	Average Minimum	Average	Departure From Long Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Long Term Mean	Greatest Day	Date	Snow, Sleet				No. of Days		
										100 or Above	32 or Below	32 or Below	0 or Below	0 or Below					Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More	No. of Days
NORTHWEST DIVISION																									
BENTONVILLE	62.6M	37.2	49.9M		77	17	17	29	448	0	1	11	0	4.03		2.15	15	5.5	6	28	6	3	1		
EUREKA SPRINGS	64.6	40.4	52.5	3.5	79	15	20	29	370	0	1	7	0	5.70	2.25	1.76	15	6.5	6	4	2	2			
FAYETTEVILLE	62.8	40.3	51.6		76	17	22	29+	398	0	1	8	0	4.66		1.78	14	3.0	3	28	6	2	2		
FAYETTEVILLE CAA AIRPORT	63.0	35.5	49.3		77	17	16	29	467	0	1	15	0	4.35		1.99	14	2.0	2	28	5	2	2		
FAYETTEVILLE EXP STA	63.2	38.8	51.0		2.8	76	17	29	412	0	1	11	0	4.21	1.09	1.70	14	2.5	2	28	5	2	2		
GRAVETTE	64.2	37.3	50.8		3.9	79	15	13	29	421	0	1	11	5.38	2.48	2.01	14				6	4	2		
HARRISON	65.4	37.8	51.6	4.0	79	12	10	29	396	0	0	14	0	5.94		2.86	15	6.4			5	2	2		
LEAD HILL	67.8M	34.8M	51.3M	4.5	80	15+	7	29	409	0	16	0	0	5.47	2.33	2.70	14	5.5			6	4	1		
ROGERS	65.0	39.8	52.4	6.0	78	17+	19	29	373	0	1	7	0	4.80	1.65	2.25	14	5.3	5	28	7	4	1		
SILOAM SPRINGS	65.5	39.8	52.7		77	15+	20	29	368	0	1	8	0	4.10		2.12	15	3.5	4	28	5	2	1		
DIVISION			51.3		4.1									4.86	1.73			4.5							
NORTH CENTRAL DIVISION																									
FLIPPIN CAA AIRPORT	64.6	35.8	50.2		82	13	7	29	436	0	1	12	0	7.51		3.22	14	5.5	4	29+	6	3	2		
GILBERT	67.9M	35.7	51.8M		82	13+	6	29	383	0	0	15	0	7.71		3.14	15	4.5	4	29+	6	4	2		
MAMMOTH SPRING	66.4	34.7	50.6	3.2	81	13	2	29	432	0	0	15	0	8.96		4.25	17		9	29	7	3	2		
MARSHALL	66.0M				80	13	13	29		0	1		0	6.74		3.02	15	4.0			6	4	2		
MOUNTAIN HOME 1 NNW																									
MOUNTAIN HOME C OF ENG AM	64.4	34.9	49.7		82	14	11	30	460	0	0	13	0	9.20		3.44	15	4.0	4	28	7	5	2		
DIVISION			50.6		3.0									8.02	4.61			4.5							
NORTHEAST DIVISION																									
BALD KNOB	66.0M	38.2	52.1M				19	29	384	0	0	10	0	5.87		4.44	14				4	3	1		
BATESVILLE LIVESTOCK AM	66.7	37.9	52.3		80	13	16	29	386	0	1	9	0	6.87		2.21	15		3	28	9	4	2		
BATESVILLE L AND D NO 1	67.5	38.6	53.1		80	17	13	29	369	0	0	12	0	6.16	2.27	2.83	15	2.0	2	29+	6	4	2		
BLYTHEVILLE	64.7	41.9	53.3	3.3	82	17	23	29	363	0	0	5	0	5.74	2.19	2.14	15				7	4	2		
CORNING	64.0	39.4	51.7	3.1	80	17	15	29	404	0	0	5	0	6.01	2.44			4.6							
JONESBORO	65.5	42.9	54.2	4.3	81	17	21	30	339	0	1	5	0	5.58	1.92	3.00	15				7	2	2		
MARKED TREE	66.6	41.0	53.8	5.2	80	17+	20	29	346	0	0	5	0	6.24	2.25	2.60	15				7	5	2		
NEWPORT	66.9	42.0	54.5	4.0	80	17+	20	29	326	0	0	5	0	6.35	2.45	3.95	15				6	2	2		
PARAGOULD RADIO KDRS	65.8	37.3	51.6		80	17	16	29	410	0	0	11	0	5.16		1.58	15				6	4	2		
POCAHONTAS 1	65.5	37.9	51.7	2.8	80	17	11	29	403	0	0	9	0	5.56	1.62	2.78	15				6	4	1		
SEARCY	67.2	40.7	54.0	5.0	80	17+	20	29	337	0	0	5	0	6.50	2.33	3.82	15				5	4	2		
WALNUT RIDGE CAA AIRPORT	63.3	39.9	51.6		79	17	17	29	400	0	0	6	0	6.27		3.73	14				7	3	1		
WILSON	66.0	42.3	54.2		82	17	23	29	339	0	0	5	0												
DIVISION			52.9		3.8									6.03	2.28			2.5							
WEST CENTRAL DIVISION																									
BOONEVILLE	66.8	37.4	52.1		82	14	17	29	387	0	0	11	0	4.90	1.59	1.88	15	1.5	2	29+	5	4	2		
CAMP CHAFFEE	66.2	39.2	52.7		80	13	18	29	367	0	0	9	0	4.75		3.15	15	.6	1	28	5	3	1		
CLARKSVILLE	67.6	39.9	53.8	2.6	80	13+	21	29	335	0	0	7	0	6.32	2.98	2.40	14	3.5	2	28	5	3	2		
DARONELLE	58.2	40.9	49.6		73	13	18	29	457	0	2	7	0	6.79		2.79	17				6	3	2		
DEVILS KNOB	66.1	39.7	52.9		81	17	22	29	361	0	0	6	0	8.89		3.90	15	3.0			7	4	2		
FORT SMITH WB AIRPORT	65.6	36.8	51.2	2.4	79	13	17	29	410	0	0	15	0	4.22	1.20	2.39	14	.4	T	29+	6	2	2		
FT SMITH WATER PLANT	65.9	41.7	53.8		78	12	21	29	334	0	0	6	0	4.64		2.60	15			1	28	4	2		
MENA	66.8	41.5	53.8	2.5	78	12	21	29	334	0	0	6	0	9.75	5.87	5.13	15				5	3	2		
MOUNT MAGAZINE	67.1	40.5	53.8		81	13+	20	29	469	0	2	6	0	5.50		2.20	16	3.0	3	29+	5	4	2		
OZARK	67.8	37.7	52.8	4.0	81	13+	20	29	338	0	0	6	0	5.09	1.94	3.35	15	1.5			5	3	1		
PARIS	68.2	39.3	53.8		81	15+	20	29	367	0	0	11	0	5.25		2.41	14	6.0			5	4	2		
RUSSELLVILLE	67.0	40.0	53.5	2.3	82	15	25	29	338	0	0	9	0	6.87		2.26	16	2.5	2	28	7	4	3		
SUBIACO	58.9	41.0	50.0		72	13	18	29	339	0	0	6	0	5.19	1.62	1.84	15	1.6			5	3	3		
TURNPIKE	67.5	36.5	52.0		79	12	18	29	388	0	0	16	0	11.09		4.30	16	4.5			6	4	3		
WALDRON	60.2	42.1	51.2		73	13	20	29+	407	0	2	6	0	5.11		2.29	14				4	3	2		
WHITE ROCK														6.63		3.25	15	6.0	4	28	4	3	2		
DIVISION			52.2		2.3									6.31	2.60			2.8							
CENTRAL DIVISION																									
ALUM FORK	66.7	41.6	54.2		79	12	22	30+	320	0	0	6	0	6.24		3.15	14		T	0	7	3	3		
BENTON	66.7M													5.00		2.44	15		T	0	5	4	2		
BLAKELY MOUNTAIN DAM	67.5M	38.4	53.0M		80	17	24	29	364	0	0	8	0	7.24		2.70	14	.0	0	0	7	4	2		
CONWAY	67.4	40.1	53.8	2.3	82	16	21	29	343	0	0	8	0	5.76	1.42	2.05	14	.5	0	0	5	4	2		
HOT SPRINGS 1 NNE	67.3	45.3	56.3	3.5	84	15	26	29	265	0	0	4	0	6.90	2.34	3.02	14	.0	0	0	5	4	2		
LITTLE ROCK WB AIRPORT	66.1	43.2	54.7	3.2	82	16	23	29	314	0	0	4	0	5.35	1.43	3.57	14	.2	T	29+	5	3	1		
MALVERN	67.5	38.2	52.9		80	16+	21	29	362	0	0	12	0	5.34		2.30	14	.0	0	0	5	3	2		
MORRILTON	66.8	40.3	53.6	3.1	81	12	22	29	342																

CLIMATOLOGICAL DATA

ARKANSAS
NOVEMBER 1956

CONTINUED

Station	Temperature										Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest Date	Lowest Date	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day Date	Snow, Sleet			No of Days				
								Max	Min.	32° or Below	32° or Below				32° or Below	32° or Below	Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
EAST CENTRAL DIVISION																						
BRINKLEY	66.5	40.5	53.5	2.5	82 17+	21 29	354	0	0	6	0	5.26	1.09	2.21 14	T	0			5	4	2	
DES ARC	66.1	39.9	53.0		82 17	23 29	365	0	0	6	0	6.12		3.63 15	T	0			5	3	2	
HELENA	67.1	44.7	55.9	3.5	81 17	24 29	282	0	0	4	0	4.94	.38	2.10 15	0	0			7	3	1	
KED	67.3	39.9	53.6		83 16	21 29	348	0	0	6	0	4.83		1.95 14	T	0			5	4	1	
MARIANNA 2 S	67.0	41.3	54.2	3.1	81 17+	21 29	334	0	0	6	0	5.37	1.47	2.20 18	T	0			5	4	3	
SAINT CHARLES	66.1	42.1	54.1		82 17	24 29	337	0	0	5	0	6.12		2.12 15	T	0			6	5	2	
STUTTGART	67.6	43.2	55.4	3.2	81 15	23 29	296	0	0	4	0	4.26	-.14	2.00 15	T	0			5	3	2	
STUTTGART 9 ESE	64.9M	40.4M	52.7M		80 18+	25 29	373	0	0	6	0	5.68		2.53 15	0	0			7	3	2	
WYNNE	66.5	41.5	54.0		81 17+	20 29	334	0	0	4	0	6.02		1.88 15+	.5	0			5	4	3	
DIVISION			54.0	2.9								5.40	1.24			.1						
SOUTHWEST DIVISION																						
ASHDOWN	69.4	41.3	55.4		82 16	22 29	302	0	0	8	0	5.64		3.25 14	0	0			6	2	2	
DE QUEEN	68.5	41.3	54.9		78 13+	22 29	303	0	0	5	0	4.59		1.18 17	0	0			5	4	3	
HOPE 3 NE	68.6	40.0	54.3	2.3	84 17	22 29	330	0	0	7	0	3.85	-.87	1.39 28	0	0			3	3	3	
MDUNT IDA	67.5	38.8	53.2	3.9	79 16+	18 29	358	0	0	13	0	7.02	2.73	3.12 15	0	0			7	5	3	
NARROWS DAM	68.2	37.3	52.8		82 17	20 30+	372	0	0	9	0	5.28		1.47 14	0	0			6	5	3	
NASHVILLE PEACH SUBSTA	66.8	40.3	53.6		82 17	21 29	348	0	0	5	0	5.50		1.73 28	T	0			6	4	3	
DKAY	70.8	42.9	56.9	3.3	83 16	24 29	260	0	0	3	0	6.87	2.56	4.24 14	0	0			5	3	2	
TEXARKANA WB AIRPRT	R//	68.4	45.1	56.8	2.0	84 16	24 29	263	0	0	3	2.93	-1.40	1.05 14	0	0			4	3	1	
DIVISION			54.7	3.1								5.21	1.07			T						
SOUTH CENTRAL DIVISION																						
ARKADELPHIA	67.8	41.4	54.6		83 17	23 29	314	0	0	4	0	5.05	-.68	1.85 14	0	0			5	4	3	
CAMDEN 1	68.4	39.0	53.7	1.1	85 17	24 30+	350	0	0	5	0	3.72	-1.47	1.10 17	0	0			5	3	3	
EL DDRADD CAA AIRPORT	67.8	41.1	54.5	0.1	84 15	22 29	331	0	0	5	0	3.86	-.84	2.10 14	0	0			5	2	1	
FORDYCE 6 W	67.2	43.4	55.3		81 16	21 29	295	0	0	4	0	3.52		.94 28	0	0			5	4	0	
MAGNOLIA 3 N	68.0	40.9	54.5	-0.3	85 16	20 29	327	0	0	8	0	3.83	-.92	1.51 18	0	0			4	3	2	
PRESCOTT	68.5	39.3	53.9	0.7	84 17	23 30+	339	0	0	7	0	4.49	.04	1.44 15	0	0			4	4	2	
WARREN	67.6	42.9	55.3	1.3	82 16+	23 29	303	0	0	4	0	5.18		1.46 15	0	0			5	4	3	
DIVISION			54.5	1.4								4.24	-.33			0						
SOUTHEAST DIVISION																						
CROSSETT 7 S	68.5	42.3	55.4	1.8	84 15	23 29	309	0	0	6	0	2.71	-1.34	1.58 18	0	0			4	2	1	
CUMMINS FARM	67.5	40.2	53.9		81 16	21 29	342	0	0	5	0	6.43		2.30 18	0	0			4	4	4	
DUMAS 1 ESE																						
MONTICELLO 3 S	68.3M	40.5M	54.4M		82 16	20 29	334	0	1	0	0	5.88		2.93 28					3	3	3	
PINE BLUFF	66.6	44.1	55.4	1.7	82 16	25 29	295	0	0	3	0	4.72	.22	2.51 15	T	0			7	3	1	
PINE BLUFF CAA AIRPRT	67.1	41.0	54.1		82 16+	22 29	336	0	0	5	0	4.86		2.07 14	T	0			6	4	1	
PORTLAND	67.6	42.2	54.9	1.2	83 18	24 29	313	0	0	4	0	2.63	-1.53	1.10 18	0	0			5	2	1	
DIVISION			54.7	1.5								4.54	.31			T						

Highest Temperature 85 on the 17+ at 2 Stations.

Lowest Temperature 2 on the 29 at Mammoth Spring.

Greatest Total Precipitation 11.09 inches at Turnpike.

Least Total Precipitation 2.12 inches at Sparkman 4 E.

Greatest one-day precipitation 5.53 inches on the 15 at Cove.

Deepest Snow on Ground 9 inches on the 29 at Mammoth Spring.

DAILY PRECIPITATION

ARKANSAS
NOVEMBER 1956

CONTINUED

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MONTICELLO 3 S	5.88								.04						1.28			1.63															2.93	
MOROBAY LOCK AND DAM 8	4.58	.08							T					.08	2.33			.97														.63		
MORRILTON	7.51	.02	T						.01					.51	2.42		3.14	.60		.49								.03			.78	T		
MOUNT IOA	7.02								.05					1.10	3.12		.57	.42	.53									.15			1.06			
MOUNT MAGAZINE	5.50													1.80		2.20	.65												.10		.75			
MOUNTAIN HOME 1 NNW																																		
MOUNTAIN HOME C OF ENG	9.20		.21						T					.89	3.44		3.12	.57										T	.20		.74	.03		
MOUNTAIN VIEW 1 E	7.00		.21											.40	2.65		2.36	.28											.45		.45	.20		
MULBERRY 6 NNE	7.27	T	T											.57	3.57	T	1.92	.40											.27		.54			
NARROWS DAM	5.28					.02					T			1.47	1.05		.75	.06	.57										.18		1.18			
NASHVILLE PEACH SUBSTA	5.50	.02				.06	T				.01			1.40	1.20		.62	.12	.34												1.73	T		
NATHAN 4 WNW	4.94	T			T									1.05	1.64		.48	.13	.47								T			1.17				
NEWHOPE 3 E	6.53													3.00		1.38	*	1.00												1.15				
NEWPORT	6.35	.17	.24								T	.05		.43	3.95		T	1.00											.08	T	.91		.34	
NIMROD DAM	7.83	T	.02						.02					.47	3.44		1.15	1.27	.55												1.15		.09	
OELL 3 N	4.88	.12												.06	2.50		.14	1.20	.28												.38			
OEN 2 W	7.98							T						.60	3.41		.07	1.90	.43						.01			.01		.95				
OKAY	6.87				.11									.42	.03			.57	.09									.09	.15	1.59				
OSCEOLA	6.13	.71	.09				.03							.27	2.30			1.28													.81	.09		
OWENSVILLE	4.60	.02	T								T	.01		1.10	2.30		.10	.18	.85		.55							T		.04				
OZARK	5.09	.01					T							T	3.35		.12	.75	.26										.05		.55	T		
OZONE	9.52		.10	.06								.03			4.08		1.90	1.07											1.50		.72	.06		
PARAGUOLO RAOIO KORS	5.16	.14												1.54	1.58			.94											.24		.72			
PARIS	5.25								T					2.41	.15	1.35	.59	.94											.04	.02	.69	T		
PARKIN 2 W	6.39	.55			.11									.57	2.69			1.63		.30								.05		.42	.07			
PARKS	6.21														1.58		3.30	.48												.45	.40			
PERRYVILLE	5.41													1.34	1.41		.64	1.07	.12										.30	.53				
PINE BLUFF	4.72	.11					.01							.10	2.51		.01	.84		.15								.26	.02	.62	.09			
PINE BLUFF CAA AIRPORT	4.86	T				.02								2.07			.98	.78										.28	.19	.54				
PINE RIOGE	7.72										T			.96	3.38		.19	2.36	.26					.05					.92					
POCAHONTAS 1	5.56	.20												.95	2.78	T	T	.58											.23	T	.73	.09		
PORTLAND	2.63	.18				T	.10								1.44		T	1.10		.90										.35				
PRESCOTT	4.49	.09					T	.03						.75	1.44		T	.75												1.40		.03		
RATCLIFF	4.64														2.07		.21	1.87												.49				
RISON	4.16					.05								.11	1.80			1.22												.89		.09		
ROGERS	4.80		.20	.20										T	2.25	.70	.58	.12												.05	.70			
RUSSELLVILLE	6.87	T												1.82	.24	2.26	1.51	.30											.10	.64				
SAINT CHARLES	6.12	.61	.05				T							.22	2.12			1.86		.59									.05	.05	.51	.06		
SAINT FRANCIS	5.01	.76	.15						.14	.15				.25	1.94			.62											.24		.62	.14		
SALEM	9.50	.09	.20											.25	3.20		4.50	.25											.21	.49	.31			
SEARCY	6.50	.20									.04	T		1.00	3.82		.01	.78											.03	.62				
SHERIDAN TOWER	4.99	.08											.22	1.20	1.41			1.10										.06	.92					
SHIRLEY 3 SE	8.76								.04					.25	3.39		3.55	.53											.41		.59			
SILOAM SPRINGS	4.10	.31	.03			T			.03						2.12		.02	.86	.33											.40				
SPARKMAN 4 E	2.12														1.60															.52				
STAMPS	3.09	T												.21	.39		.05	1.09												1.28	T			
STAR CITY 2 S	4.34	.16													2.38			1.17												.63				
STEVE	-														3.40		2.00	.95												-				
STUTTART	4.26	T												.20	2.00			1.24												.62	.12			
STUTTART 9 ESE	5.68	.37	.04											.07	2.53		.01	1.63			.27						.08	.13	.51	.12				
SUBIACO	5.19	T												.19	1.84		.02	1.64	.42											1.05	.03			
TAYLOR	3.16													.41	.43			.02	1.24		.06									.96	.04			
TEXARKANA WB AIRPORT R//	2.93				T	T			T				T	1.05			.46	T												.78				
TURNPIKE	11.09	.05												4.25	.45	4.30	1.20												.26	T	.58			
WALORON	5.11					T								2.29		1.68	.35													T	.01	.78		
WALNUT GROVE 2 NNE	5.47	.04												2.05	1.46		.34	.45											.29		.84			
WALNUT RIOGE CAA AIRPORT	6.27	.18	.01			T			.14					3.73		.01	.72	.07									.18	.06	.37	.80				
WARREN	5.18						.04	.03						1.26	1.46		.04	.30	1.25		.04								.76					
WASHITA	5.87													3.65		1.50	.52													.20				
WHITE ROCK	6.63	.04							.02					T	3.25		2.30	.47												.55				
WHITECLIFFS	4.97					T	T	T						1.80	.97		.20	.40												1.60				
WILSON	-	.67													2.96			1.78												-				
WYNE	6.02	.13				T								1.88	1.88			1.48												.65				
YELLVILLE	7.41	T	.35											.16	2.85			2.83	.47											.75				

DAILY TEMPERATURES

ARKANSAS
NOVEMBER 1958

Station	Type	Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALUM FORK	MAX MIN	56 44	67 43	67 42	73 52	69 43	66 43	64 31	67 47	75 38	72 44	73 42	79 43	77 48	68 58	76 55	78 55	77 47	59 39	67 31	72 34	70 41	70 41	72 43	68 54	72 45	69 38	46 31	33 28	49 22	49 22	66.7 41.6	
ARKADELPHIA	MAX MIN	60 39	68 37	69 39	71 48	69 56	66 47	66 37	70 46	76 34	78 39	74 35	76 39	78 44	70 58	79 54	80 61	83 52	59 47	62 37	69 31	61 36	71 36	76 42	72 50	69 41	69 41	44 33	38 32	52 23	56 28	67.8 41.4	
ASHDOWN	MAX MIN	62 36	68 36	71 36	71 46	71 52	71 46	67 32	72 50	76 33	75 30	77 31	77 41	77 49	76 63	79 63	82 63	80 54	59 54	59 41	64 30	69 30	70 33	72 38	72 54	74 38	77 34	73 46	50 32	44 22	52 22	69.4 41.3	
BALO KNOB	MAX MIN	55 44	68 38	65 33	73 47	70 48	68 48	65 26	69 46	33	72 30	78 31	78 34	76 36	73 58	76 59	78 52	79 56	59 45	64 31	68 31	65 29	66 35	70 42	68 37	72 42	70 42	42 28	37 19	40 28	45 28	66.0 38.2	
BATESVILLE LIVESTOCK	MAX MIN	61 44	50 39	68 36	71 44	75 47	72 30	68 24	70 35	67 37	78 34	75 36	74 37	80 42	78 56	67 56	78 58	79 66	79 66	57 28	71 32	73 34	71 36	71 40	70 43	69 42	70 32	44 26	34 28	49 16	48 20	66.7 37.9	
BATESVILLE L AND O NO 1	MAX MIN	51 47	70 45	70 32	75 47	70 53	67 30	65 22	66 46	79 31	75 31	74 31	78 34	77 42	72 58	79 59	80 63	75 48	80 75	68 28	72 30	65 31	68 34	71 35	66 47	71 41	68 35	41 29	61 26	48 13	25	67.5 38.6	
BENTON	MAX MIN	69 46	69 31	72 44	72 41	66 30	64 30	64 30	64 30	71	71	71	71	76	76	76	78	79	79	64	72	69	69	71	70	72	70	42	35	53	66.7		
BENTONVILLE	MAX MIN	48 42	65 35	71 34	71 43	41 30	58 43	65 30	60 46	72 43	71 32	73 38	76 43	76 51	66 60	76 52	70 63	77 49	50 27	62 30	67 36	68 31	69 33	66 35	60 40	68 45	48 25	33 25	30 17	50 26	49 24	62.6 37.2	
BLAKELY MOUNTAIN DAM	MAX MIN	60 45	55 38	71 35	69 45	73 40	72 40	64 31	66 34	70 33	79 35	69 33	75 37	78 40	77 45	70 53	78 53	80 70	76 40	57 32	66 31	67 32	68 32	72 40	68 36	72 40	70 48	40 30	38 24	53 25	67.5 38.4		
BLYTHEVILLE	MAX MIN	51 46	64 44	67 39	72 49	66 52	67 38	64 32	64 45	76 40	63 32	70 37	76 39	77 43	69 60	78 60	80 59	82 68	77 46	62 35	65 39	59 37	67 39	68 41	63 47	72 44	65 34	36 28	35 30	45 23	64.7 41.9		
BOONEVILLE	MAX MIN	55 40	71 31	77 32	77 41	70 48	66 30	69 27	78 31	72 40	81 40	80 40	81 43	73 55	78 70	79 80	82 82	82 82	60 59	63 59	69 59	69 60	69 69	72 64	64 58	75 43	66 38	39 26	35 21	50 29	44 29	66.5 40.5	
BRINKLEY	MAX MIN	56 42	69 39	68 37	72 48	71 47	61 41	65 27	70 44	73 35	76 41	73 31	76 35	73 39	80 56	82 57	82 59	82 59	60 59	63 53	69 36	69 41	69 37	72 42	64 58	75 43	66 38	39 26	35 21	50 29	44 29	66.5 40.5	
CAMDEN 1	MAX MIN	56 41	62 38	70 36	67 48	69 48	69 49	65 31	68 33	75 40	70 35	77 34	77 33	73 43	79 45	73 49	83 53	85 71	82 50	54 38	65 33	72 32	71 35	74 35	75 35	78 45	48 31	42 24	40 24	54 24	68.4 39.0		
CAMP CHAFFEE	MAX MIN	52 46	56 46	70 32	77 35	76 41	67 31	65 28	68 37	66 40	78 30	71 35	78 35	80 48	82 52	65 53	80 52	76 52	79 52	55 33	66 28	70 28	72 32	69 34	65 47	75 51	47 38	39 30	36 26	54 22	66.8 37.4		
CLARKSVILLE	MAX MIN	54 45	68 39	72 34	72 44	65 31	65 29	68 46	78 33	69 37	75 43	78 43	80 51	71 61	79 53	70 60	76 54	56 43	64 28	68 29	68 34	70 34	67 41	72 52	69 34	64 50	43 31	36 28	49 18	45 27	66.2 39.2		
CONWAY	MAX MIN	56 46	68 38	70 34	73 49	71 53	69 39	66 27	68 49	72 34	74 35	73 32	79 37	78 45	72 57	82 58	79 56	79 56	59 40	66 31	68 32	64 34	70 35	72 40	68 51	65 44	69 38	31 29	21 21	49 28	67.4 40.1		
CORNING	MAX MIN	52 48	66 42	69 35	73 47	71 51	67 42	64 28	65 46	76 36	64 37	72 33	77 37	78 42	65 58	77 60	79 59	55 42	61 34	64 37	63 35	64 37	65 38	68 45	62 38	65 45	66 33	27 23	45 15	16	64.0 39.4		
CROSSETT 7 S	MAX MIN	62 37	67 35	65 39	66 50	68 49	67 53	68 31	70 46	77 40	75 37	72 38	75 42	71 58	84 58	82 67	80 70	79 47	79 63	69 37	77 42	71 32	73 35	70 42	76 47	75 46	67 43	40 33	52 25	58 25	68.5 42.3		
CUMMINS FARM	MAX MIN	61 41	68 35	67 34	68 48	70 51	66 44	65 30	73 43	73 34	78 36	74 34	80 37	70 51	80 53	81 60	79 68	77 44	77 36	71 36	61 41	61 39	63 38	74 43	75 44	67 44	48 37	38 30	53 21	52 27	67.5 40.2		
DARONELLE	MAX MIN	55 46	71 39	75 35	76 47	73 47	68 36	67 28	70 45	79 36	77 33	80 39	80 46	69 61	79 55	78 57	76 56	61 57	65 30	70 30	67 34	69 35	71 39	70 55	72 41	68 32	48 29	37 21	51 24	28	67.6 39.9		
DE QUEEN	MAX MIN	60 35	70 35	70 37	74 46	70 56	66 38	68 33	73 49	78 34	77 38	78 44	77 38	77 53	77 62	80 58	76 58	65 38	65 30	71 30	65 33	71 35	74 39	72 55	71 43	76 46	66 45	46 33	39 22	57 27	68.5 41.3		
DES ARC	MAX MIN	63 43	56 41	69 39	69 44	73 50	70 41	60 28	65 29	71 39	78 42	66 35	73 37	78 42	78 59	69 55	82 69	81 48	81 69	56 34	64 35	71 38	67 37	69 39	72 43	65 43	75 38	34 23	40 24	50 24	66.1 39.9		
DEVILS KNOB	MAX MIN	45 40	62 39	68 43	68 48	63 48	54 38	68 36	64 44	72 46	60 39	72 40	72 52	73 54	65 55	71 53	68 57	48 48	54 30	63 42	64 42	63 42	64 49	66 50	65 42	61 49	50 26	32 24	28 20	36 18	68.2 40.9		
DUMAS 1 ESE	MAX MIN																																
EL DORADO CAA AIRPORT	MAX MIN	63 37	68 37	66 37	67 49	68 59	64 38	68 32	74 43	79 35	70 41	76 35	79 36	70 43	82 62	84 55	83 72	81 51	52 45	62 35	70 32	70 34	73 36	73 43	75 51	75 36	42 31	50 28	58 22	58 26	67.8 41.1		
EUREKA SPRINGS	MAX MIN	46 41	67 37	75 43	65 50	58 32	65 44	68 33	73 44	78 48	71 36	75 46	78 52	77 53	70 59	79 60	71 60	75 50	53 27	64 36	69 43	70 36	71 45	70 39	62 45	66 43	60 34	34 21	53 21	47 24	64.6 40.4		
FAYETTEVILLE	MAX MIN	48 42	65 38	72 41	71 49	61 47	59 35	63 30	61 43	72 46	73 33	72 49	75 51	67 56	75 55	70 61	76 51	52 28	63 34	67 41	69 32	69 34	65 45	66 41	65 49	50 26	34 22	31 22	50 25	62.8 40.3			
FAYETTEVILLE CAA AIRPORT	MAX MIN	48 35	66 34	72 31	72 46	61 32	59 29	63 25	62 41	72 39	74 45	74 39	75 45	65 56	75 55	71 61	77 36	59 29	57 28	64 28	68 31	70 30	66 35	68 43	70 41	66 35	67 29	41 18	35 25	54 23	63.0 35.5		
FAYETTEVILLE EXP STA	MAX MIN	47 41	65 38	72 35	71 48	65 48	58 31	62 27	60 44	72 45	74 32	73 46	70 50	75 58	75 54	70 59	76 52	54 28	61 34	66 37	67 32	67 33	65 41	62 40	66 45	64 25	34 21	53 17	50 25	63.2 38.8			
FLIPPIN CAA AIRPORT	MAX MIN	49 44	69 40	76 32	76 39	65 39	56 29	65 23	64 38	75 34	69 31	77 36	70 40	85 48	78 50	71 61	78 61	55 46	59 46	67 29	73 30	69 32	70 35	72 41	68 37	70 43	44 30	35 15	58 25	38 25	64.6 35.8		
FOROYCE 6 W	MAX MIN	60 37	68 36	65 40	68 50	68 56	65 46	66 33	71 50	76 43	68 35	75 46	70 49	78 58	78 61	81 65	78 55	59 46	62 38	69 38	68 42	72 42	72 49	75 54	75 49	69 49	42 31	39 21	51 31	67.2 43.4			
FORT SMITH WB AIRPORT	MAX MIN	55 43	70 37	75 36	68 46	64 34	69 33	65 30	78 40	78 35	79 42	79 44	79 52	76 61	78 54	72 61	81 65	54 42	65 30	67 30	70 35	65 36	70 44	68 50	63 44	74 50	50 36	39 26	48 22	48 29	66.1 39.7		
FT SMITH WATER PLANT	MAX MIN	53 42	69 31	73 31	74 36	65 44	65 30	65 26	72 42	77 29	69 32	74 34	76 39	79 45	72 58	77 49	72 62	75 54	56 30	64 27	69 35	68 34	70 34	66 38	67 45	66 33	38 21	53 17	48 27	65.6 36.8			
GILBERT	MAX MIN	57 45	71 35	78 30	71 39	69 45	59 27	65 22	67 42	78 30	70 27	77 30	82 41	73 61	80 50	73 65	75 61	61 25	61 29	67 31	72 33	72 31	72 33	67									

DAILY TEMPERATURES

ARKANSAS
NOVEMBER 1958

CONTINUED

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JONESBORO	MAX MIN	52 47	69 49	64 41	75 51	71 53	63 39	66 31	66 45	78 45	65 39	73 36	78 39	77 42	65 57	78 60	80 67	81 67	68 48	65 38	69 40	64 41	65 43	70 41	64 48	72 44	65 36	39 28	32 28	48 22	42 21	65.5 42.9
KEO	MAX MIN	58 44	69 39	69 38	72 48	69 38	62 32	65 27	70 45	78 35	74 38	75 33	78 33	78 41	75 54	79 56	83 58	79 59	61 43	63 31	70 33	65 38	67 36	74 41	68 50	76 43	64 35	39 28	51 21	49 27	67.3 39.9	
LEAD HILL	MAX MIN	70 38	78 35	78 29	75 42	62 28	58 28	65 21	62 39	75 31	68 26	78 30	80 38	80 48	67 58	80 45	70 62	79 52	55 32	68 26	73 29	70 29	71 31	73 34	66 45	70 49	61 39	41 29	56 7	48 20	67.8 34.8	
LITTLE ROCK WB AIRPORT	MAX MIN	56 47	70 41	69 43	72 50	70 55	62 40	65 33	69 46	77 39	66 45	75 39	77 41	77 46	69 60	78 59	82 62	79 51	56 42	65 35	71 38	65 46	68 41	72 46	67 54	76 45	60 36	37 29	35 29	53 23	45 32	66.1 43.2
MAGNOLIA 3 N	MAX MIN	61 32	69 31	67 33	69 50	67 55	66 50	68 33	75 46	72 39	67 26	70 30	80 38	74 46	73 58	84 54	85 65	81 55	58 47	61 40	74 29	60 33	72 33	75 40	75 45	74 49	75 41	30 24	39 20	51 24	55 24	68.0 40.9
MALVERN	MAX MIN	56 36	69 43	70 32	71 42	70 45	65 40	65 27	73 42	79 30	74 33	75 28	76 41	75 46	70 59	80 45	80 54	78 50	59 43	62 31	72 28	69 31	72 31	71 37	70 56	76 43	70 38	40 29	36 29	51 22	51 22	67.5 38.2
MAMMOTH SPRING	MAX MIN	62 45	70 42	74 30	78 36	70 44	57 26	66 22	66 43	76 29	65 28	75 29	80 35	81 40	65 60	78 53	73 55	78 61	64 36	25 25	28 29	29 29	30 30	34 43	43 43	39 39	29 26	26 18	34 23	55 2	47 18	66.4 34.7
MARIANNA 2 S	MAX MIN	55 46	68 40	68 38	70 47	68 53	64 43	65 29	70 46	77 36	68 38	72 35	77 41	76 44	70 56	80 56	81 62	81 61	77 43	61 37	69 41	66 48	70 37	71 43	73 56	75 49	66 39	29 21	37 29	50 21	45 29	67.0 41.3
MARKEO TREE	MAX MIN	58 44	65 42	66 38	79 49	69 52	66 40	68 32	65 42	77 38	75 39	72 35	78 38	76 47	72 46	77 53	80 55	80 68	76 45	65 34	68 37	60 37	65 38	71 39	69 42	74 45	66 35	30 26	33 26	46 26	44 26	66.6 41.0
MARSHALL	MAX MIN	51 42	68 34	78 38	73 42	67 29	57 29	64 33	65 33	70 38	72 33	78 38	78 41	80 46	71 59	78 45	73 60	69 51	71 43	69 30	73 33	71 33	70 33	69 46	46 46	70 41	69 27	33 24	32 24	57 13	46 24	66.0
MENA	MAX MIN	54 38	68 38	70 44	72 48	66 46	63 41	66 33	66 50	75 33	70 38	75 40	78 49	75 53	65 60	76 53	71 64	72 53	72 33	67 31	71 32	72 38	76 40	67 42	72 53	74 56	67 39	30 30	33 27	49 21	48 28	65.9 41.7
MONTICELLO 3 S	MAX MIN	64 35	65 25	65 40	69 69	67 49	66 49	66 29	70 46	77 36	68 43	75 34	81 33	78 49	70 58	81 58	82 55	77 55	77 43	63 38	70 33	70 34	74 42	72 48	75 48	75 50	40 48	19 19	21 20	57 24	45 24	68.3 40.5
MORRILTON	MAX MIN	55 47	69 40	71 35	74 47	71 38	64 30	66 26	68 46	77 35	68 36	75 34	81 38	79 44	68 60	80 52	79 56	78 56	61 40	64 34	67 36	60 37	69 38	73 40	68 59	74 44	67 39	31 28	37 25	41 22	46 28	66.8 40.3
MOUNT IOA	MAX MIN	65 35	70 32	71 34	72 48	70 53	70 41	66 27	69 52	77 29	74 41	73 30	79 35	79 43	69 58	75 48	72 60	73 64	65 43	26 26	27 30	30 30	32 32	32 54	50 40	50 40	40 31	29 18	18 23	35 29	52 23	67.5 38.8
MOUNT MAGAZINE	MAX MIN	39 37	65 37	65 42	65 51	60 48	59 39	56 41	65 49	61 53	60 43	65 48	68 49	65 47	56 46	64 53	62 53	61 45	48 26	58 36	59 44	63 45	64 49	59 49	64 68	61 49	59 27	28 21	25 20	45 18	47 31	56.8 41.5
MOUNTAIN HOME 1 NNW	MAX MIN																															
MOUNTAIN HOME C OF ENG	MAX MIN	59 45	49 42	68 33	74 36	75 40	65 29	57 24	65 26	63 33	74 30	66 30	76 38	79 44	82 54	65 49	77 50	73 62	77 33	53 30	66 31	71 31	67 33	67 38	71 39	57 43	70 30	41 27	34 24	33 12	58 11	64.4 34.9
NARROWS OAM	MAX MIN	58 33	58 31	70 33	69 37	73 44	71 44	67 31	68 44	70 32	80 36	71 33	77 35	78 49	78 60	76 48	79 49	82 71	79 39	62 32	60 31	73 32	34 34	36 38	38 38	52 44	44 34	31 20	20 20	58 31	53 20	68.2 37.3
NASHVILLE PEACH SUBSTA	MAX MIN	57 37	60 36	68 36	69 43	72 45	65 45	65 34	67 43	71 35	76 45	69 39	71 41	78 44	78 48	71 47	76 44	82 78	71 41	62 30	64 32	70 34	70 37	73 41	72 51	69 51	74 43	31 25	37 26	52 21	62 25	66.8 40.3
NEWPORT	MAX MIN	53 47	70 43	67 38	74 47	72 52	69 38	65 29	68 46	80 38	74 36	74 38	78 41	77 46	68 60	79 61	80 64	80 61	62 47	70 35	73 38	66 43	65 38	70 39	65 45	73 45	66 37	40 29	36 29	51 20	42 25	66.9 42.0
NINROD DAM	MAX MIN	58 43	53 35	69 35	71 40	74 45	71 36	67 26	69 36	77 33	69 37	76 30	80 37	79 44	80 48	78 51	78 51	79 65	80 35	29 29	34 35	35 35	37 37	43 45	45 46	46 46	40 30	28 21	26 26	67.3 38.0		
OKAY	MAX MIN	63 35	70 35	76 46	72 47	70 57	69 48	70 33	75 45	78 34	74 38	78 37	82 41	79 50	75 64	80 53	83 66	82 55	62 44	67 34	72 34	72 34	74 36	74 36	76 38	77 57	74 46	48 32	42 32	53 24	56 27	70.8 42.9
OZARK	MAX MIN	55 46	68 38	75 37	77 37	73 45	66 35	69 31	67 47	81 35	71 36	77 41	80 43	81 52	68 53	80 44	70 64	78 56	58 35	67 30	68 32	68 37	67 37	68 38	65 53	71 53	65 39	38 28	52 20	47 29	67.1 40.9	
PARAGOULO RADIO KDORS	MAX MIN	53 45	68 40	67 33	73 45	71 50	64 34	66 25	67 42	78 31	68 34	71 29	77 31	77 36	69 55	74 58	79 51	80 67	76 43	64 31	69 32	62 35	65 35	67 45	62 45	70 43	64 32	26 26	33 24	46 17	39 25	65.8 37.3
PARIS	MAX MIN	51 38	71 37	76 41	77 40	71 42	65 31	68 28	67 43	80 32	71 34	78 42	82 42	83 47	72 59	82 51	72 57	82 54	56 43	66 30	71 29	69 32	34 34	37 52	52 52	41 41	35 32	29 22	25 25	67.8 37.7		
PERRYVILLE	MAX MIN			73	71 50	74 51	70 42	68 24	69 41	78 48	71 43	73 43	71 60	70 49	71 72	82 60	82 63	72 47	56 60	63 28	71 29	70 40	73 38	71 40	70 48	74 47	71 38	30 27	29 27	51 28	56 28	69.9
PINE BLUFF	MAX MIN	59 45	68 42	67 44	69 52	70 55	64 38	65 33	71 49	76 42	65 44	73 38	75 44	75 46	70 59	79 46	82 63	79 58	59 46	61 36	69 38	65 43	68 36	73 40	73 54	76 48	67 33	39 25	37 31	54 20	50 21	66.6 44.1
PINE BLUFF CAA AIRPORT	MAX MIN	60 41	70 39	67 39	70 52	72 57	62 38	65 30	71 40	76 36	66 40	76 35	82 38	79 41	70 60	82 56	82 67	79 52	52 43	64 36	71 36	67 37	71 38	75 44	70 50	77 45	62 34	35 25	35 22	53 27	50 27	67.1 41.0
POCAHONTAS 1	MAX MIN	54 47	69 45	69 35	74 42	74 49	61 34	60 25	61 45	79 33	67 36	71 31	78 35	78 39	69 56	72 54	79 54	80 68	77 43	62 29	72 32	62 32	66 36	69 35	70 44	70 43	65 33	38 28	35 25	46 21	39 19	65.5 37.9
PORTLAND	MAX MIN	53 43	62 41	68 41	66 42	65 52	65 32	65 32	69 43	70 32	80 45	68 38	76 43	79 39	78 43	60 60	80 64	82 66	83 49	52 42	61 35	62 36	65 38	71 38	73 47	76 47	76 47	58 34	42 34	37 24	55 25	67.6 42.2
PRESCOTT	MAX MIN	60 37	60 37	69 40	70 41	73 50	72 47	63 33	70 33	78 38	77 38	70 36	78 36	80 41	79 47	73 53	80 53	84 70	81 47	60 31	65 31	70 32	70 36	72 37	75 41	77 41	77 42	49 32	40 32	50 23	50 23	68.5 39.3
ROGERS	MAX MIN	47 42	68 42	75 39	73 47	65 51	59 39	66 31	63 44	74 45	75 35	75 46	77 46	75 52	70 60	78 52	70 55	78 54	57 46	66 33	70 39	70 36	66 37	65 40	62 40	67 45	63 25	34 25	67 21	53 19	28 28	65.0 39.8
RUSSELLVILLE																																

DAILY TEMPERATURES

ARKANSAS
NOVEMBER 1958

CONTINUED

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SUBIACO	MAX	54	69	76	77	69	65	67	67	78	71	75	77	81	71	82	72	79	55	64	69	67	71	67	71	74	69	43	35	49	47	67.0
	MIN	43	41	37	43	43	36	29	44	36	40	36	42	49	58	50	58	51	34	35	33	37	37	41	53	48	37	30	26	25	28	40.0
TEXARKANA WB AIRPORT	MAX	62	68	69	70	69	65	68	72	78	71	77	79	77	73	80	84	79	59	65	69	70	73	72	74	77	64	42	40	52	53	68.4
	MIN	41	39	42	53	54	47	37	46	43	47	44	52	54	63	56	71	52	44	35	36	39	42	47	59	56	40	33	28	24	30	45.1
TURNPIKE	MAX	44	66	65	67	61	57	58	58	70	62	63	70	72	63	70	66	66	50	57	61	61	58	64	68	61	61	32	31	43	41	58.9
	MIN	39	38	47	47	41	37	40	45	47	40	41	52	55	54	53	60	43	31	36	44	41	51	48	46	45	26	22	20	18	22	41.0
WALORON	MAX	55	70	73	75	69	64	68	67	76	72	77	79	77	70	78	74	77	59	68	71	72	71	71	68	73	70	44	33	55	49	67.5
	MIN	36	30	31	39	46	30	26	49	30	30	31	37	45	58	44	62	54	32	25	25	30	32	34	48	53	37	31	28	18	24	36.5
WALNUT RIDGE CAA AIRPORT	MAX	52	69	68	73	72	57	64	64	78	65	72	76	77	67	75	78	79	55	65	69	62	67	67	63	68	49	35	33	46	34	63.3
	MIN	47	46	37	48	44	35	29	41	39	38	35	38	44	60	60	60	52	42	37	37	38	39	41	45	45	32	30	20	17	22	39.9
WARREN	MAX	62	69	65	68	68	66	66	72	73	69	74	78	73	71	82	82	80	55	63	70	71	73	73	74	76	69	42	37	51	57	67.6
	MIN	40	39	39	50	57	50	31	48	38	41	36	40	43	60	59	65	51	49	40	34	40	37	45	50	51	39	36	31	23	26	42.9
WHITE ROCK	MAX	45	65	67	68	66	59	61	61	72	65	69	71	73	64	70	67	67	51	60	65	63	66	59	67	60	60	32	27	47	40	60.2
	MIN	39	39	44	45	49	38	40	44	45	43	47	54	55	56	56	59	48	26	35	42	44	47	47	50	50	26	24	20	20	30	42.1
WILSON	MAX	59	65	66	77	66	66	66	68	76	69	70	77	77	66	78	80	82	77	62	67	61	62	63	69	75	68	44	35	43	45	66.0
	MIN	46	42	42	49	48	39	32	42	40	37	37	42	45	55	60	59	69	51	35	39	37	39	46	50	46	34	28	30	23	26	42.3
WYNNE	MAX	59	67	67	72	70	64	65	65	78	74	73	77	76	68	79	81	81	77	63	67	66	65	70	68	74	65	38	33	49	44	66.5
	MIN	45	40	38	49	55	38	37	48	38	33	36	43	45	62	50	64	59	44	33	38	37	36	40	53	44	36	28	29	20	27	41.5

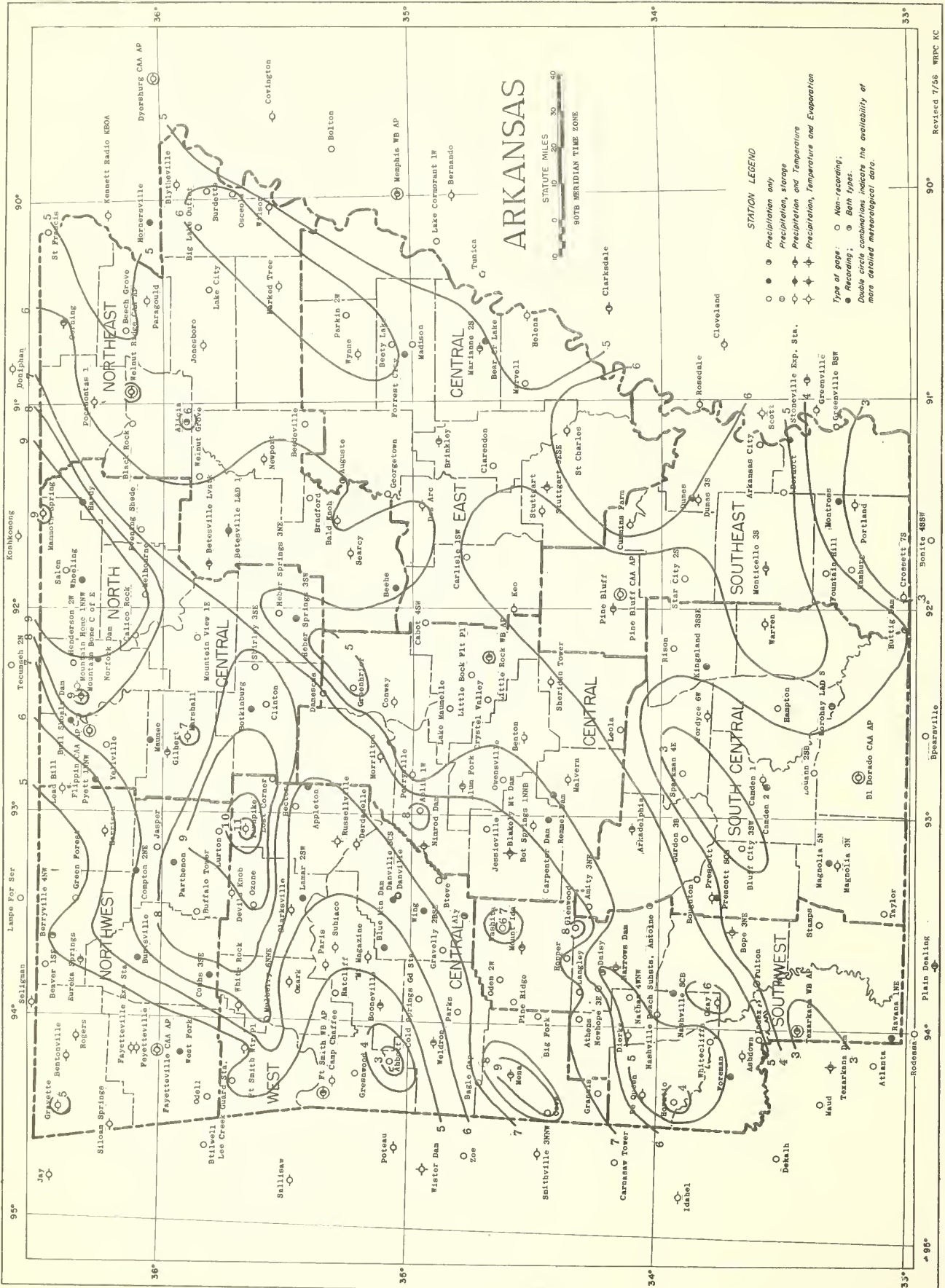
EVAPORATION AND WIND

Station	Day of month																															Total or Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Blakely Mountain Dam	EVAP	.06	.03	.07	.06	.04	.04	.10	.10	.07	.09	.08	.06	-	.13	.06	-	.09	.07	.06	.08	.04	.04	.05	.05	.06	.14	-	-	-	2.12B	
	WIND	54	44	17	5	19	27	17	23	22	17	11	9	5	16	14	16	60	35	27	10	21	9	7	11	10	41	54	40	65	15	721
Hope 3 NE	EVAP	.05	.10	.08	.07	.11	.08	-	.09	.12	.11	.11	.08	.09	.10	.15	.04	.11	.10	.07	.06	.08	.06	-	.07	.05	.14	.13	-	-	-	2.70B
	WIND	18	29	21	27	38	30	27	14	24	19	11	11	5	22	34	38	76	48	11	8	14	8	5	16	3	64	61	34	45	15	776
Narrows Dam	EVAP	.06	.06	.05	.03	.12	.04	.10	.11	.12	.12	.10	.07	.09	.06	.11	-	.06	.19	.11	.06	.08	.07	.07	.04	.05	.10	.13	-	-	-	2.54B
	WIND	23	21	18	9	45	20	21	33	19	23	17	22	18	27	31	21	102	55	26	7	16	14	20	14	6	46	35	25	40	15	789
Nimrod Dam	EVAP	.01	.04	.04	.06	.07	.04	.06	.07	.09	.07	.09	.05	.05	.08	-	-	-	-	.04	.04	.03	.02	.04	.04	.05	.09	-	-	-	-	-
	WIND	10	8	10	5	12	10	6	27	2	12	8	5	4	8	6	10	26	22	8	3	6	6	4	6	3	34	17	3	20	3	304
Russellville	EVAP	-	.10	.09	.25	.03	.13	.10	.32	.07	.17	.18	.14	.16	-	-	-	-	.06	.08	.08	.09	.07	.14	.05	.08	-	-	-	-	-	
	WIND	-	24	10	21	20	18	23	21	22	17	14	10	14	24	16	14	51	30	20	11	10	13	10	23	46	42	*	84	8	28	666B
Stuttgart 9 ESE	EVAP	.01	.06	.09	.08	.10	.04	.13	.12	.09	.14	.08	.11	.07	.08	-	.07	.10	-	.02	.05	.05	*	.09	.16	.06	.01	*	.07	*	.23	2.26B
	WIND	20	53	64	56	107	61	26	77	56	73	15	28	17	72	120	78	164	143	44	17	23	*	20	35	25	129	37	74	*	59	1693

See reference notes following Station Index.

TOTAL PRECIPITATION

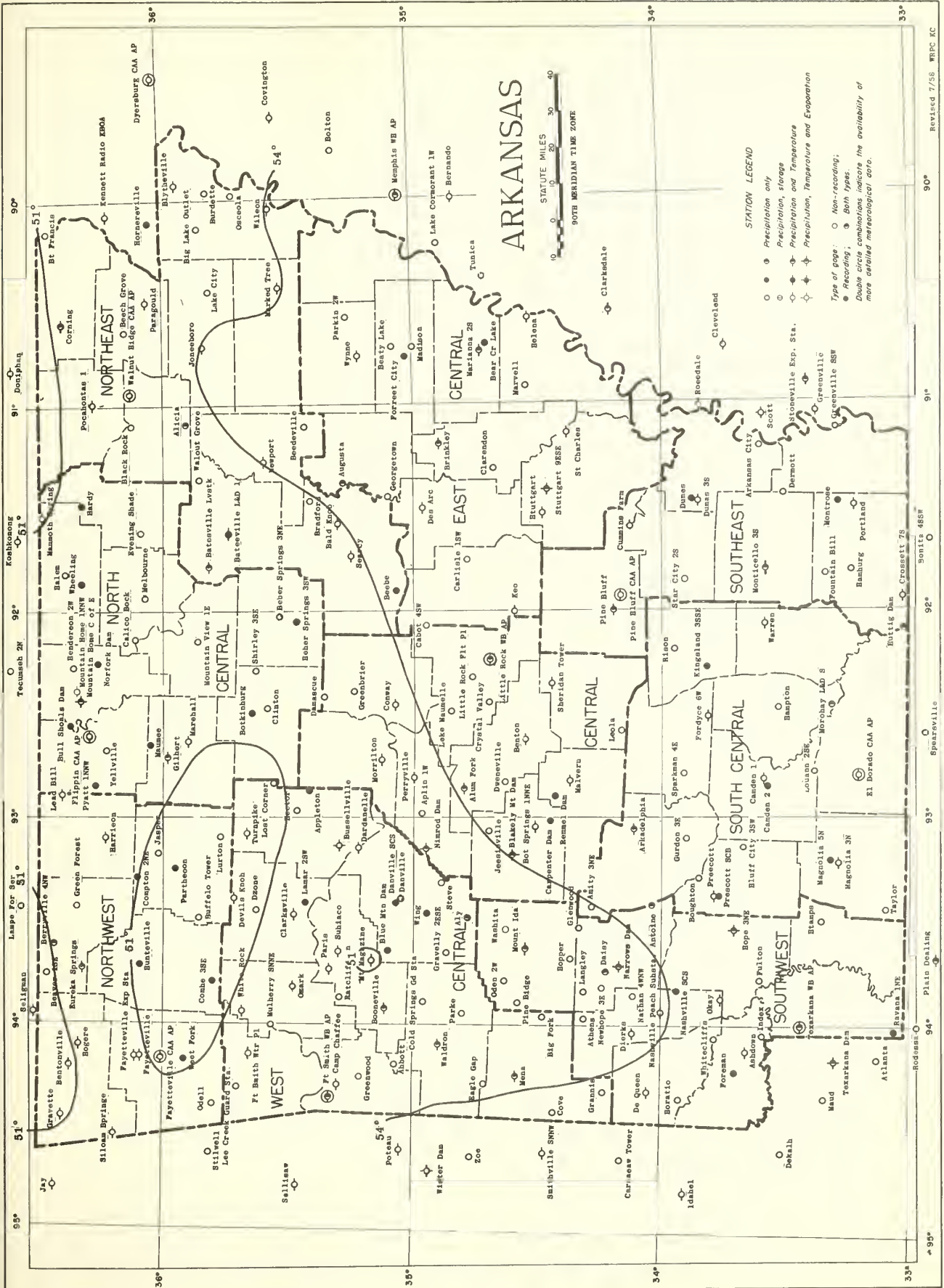
NOVEMBER 1958



USCGM-WF ASHVILLE
Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".
Revised 7/58 WPC KC

AVERAGE TEMPERATURE

NOVEMBER 1958



USDA-NW ASHVILLE
 Isolines are drawn through points of approximately equal values.

Revised 7/58. WPC EC

STATION INDEX

ARKANSAS
NOVEMBER 1958

STATION	COUNTY	INDEX NO.	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	COUNTY	INDEX NO.	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
							TEMP.	PRECIP.	EVAP.	SPECIAL									TEMP.	PRECIP.	EVAP.	SPECIAL	
ABBOTT	SCOTT	0006	1	35 04	94 12	624	7A					JAMES V. WILLIAMS	NAGOLIA 3 N	4548	COLUMBIA	4 33 19	93 14	315	6P	7A	C	H	EARL E. GRAHAM
ALICE	ADRENCE	0101	1	34 08	92 52	756	7A					RUBY OWENS	NAGOLIA 3 N	4550	COLUMBIA	4 33 20	93 13	316	6P	7A	C	H	ARK POWER AND LIGHT CO
ALUM FORD	YALINE	0130	1	34 48	92 52	855	5P	5P				LITTLE ROCK WATERWORKS	HALVERIN	4562	HOT SPRING	3 34 23	92 49	311	5P	5P			JOHN STATION KBOG
ALY	SALLIE	0136	1	34 47	92 59	784	7A					REBA T. SWAIN	HAMMOTH SPRING	4572	FULTON	7 36 29	91 32	690	5S	7A	C	H	RAYMOND H. HCKEE
BATESVILLE 3 NE	WILKINSON	0117	1	34 17	93 23	817	7A					ALTA F. GARCER	WILKINSON 2 S	4576	FULTON	7 36 29	91 32	690	5S	7A	C	H	UNIVERSITY OF ARKANSAS
ANTOINE	PIKE	0176	3	34 02	93 25	285	8A					DREW A. LAMB	NAREED TREE	4654	POINSETT	5 35 32	90 25	229	6P	7A	C	H	JOHN F. SHEARON
ARLIN 1 W	PERRY	0108	1	34 58	93 00	400	7A					HOBART WATTS	MARSHALL	4666	SEARCY	7 35 54	92 38	1050	5S	7A	C	H	MINNIE HORTON
APPLETON	POPE	0198	1	35 25	92 53	522	7A					JOHN A. JAMES	MARVELL	4678	PHILLIPS	7 34 33	90 55	195	8A			STERLING WALLACE	
ARADOLPHIA	CLARK	0220	3	34 49	93 36	230	6P	7A				WILLIAM E. LAWRENCE	MORRIS LOCK AND DAN B	4694	SEARCY	7 36 03	92 39	749	6P	6P			UNIVERSITY OF ARKANSAS
ARKANSAS CITY	DESHA	0234	2	33 37	91 12	145	6P	7A				JOHN W. TRONELL	MELBOURNE	4746	IZARD	7 36 04	91 54	610	7A			IVAN L. SHRADER	
ASHDOWN	LITTLE RIVER	0286	4	33 40	94 08	329	7P	7P				SW GAS AND ELECTRIC CO	HENA	4756	POLK	3 34 35	94 15	1207	6P	7A	C	H	RICHARD W. ST. JOHN
ATHENS	HOWARD	0300	4	34 19	93 58	960	7A					ARRA O. PARKER	MONTICELLO 3 S	4900	DREW	3 33 35	91 48	255	5P	5P			RADIO STATION KJHM
AUGUSTA	WOODRUFF	0326	7	35 18	91 27	518	7A					CECIL WILLIS	MONTICELLO 3 S	4900	ASHLEY	3 33 19	91 29	125	6P	6P			ARK POWER AND LIGHT CO
BAIRD KNOB	WHITE	0350	7	35 18	91 36	230	6P	6P				WILLIAM E. LAWRENCE	MORRIS LOCK AND DAN B	4936	CALHOUN	2 33 19	92 27	85	7A			UNIVERSITY OF ARKANSAS	
BATESVILLE LIVESTOCK	INDEPENDENCE	0458	7	35 49	91 47	571	9A	9A				UNIVERSITY OF ARKANSAS	CONWAY	4938	CONWAY	3 35 07	92 45	280	5P	7A			ENNA S. LEAVELL
BATESVILLE L AND D J	INDEPENDENCE	0460	7	35 45	91 38	277	5P	7A				JAMES J. NITCHUM	NOUNT IDA	4988	NONTGOMERY	3 34 33	93 68	663	5P	7A	C	H	WILLIAM E. BLACK
BEAR CREEK LAKE	LOUISIANA	0496	1	34 43	90 42	220	5P					U S FOREST SERVICE	NOUNT MAGAZINE	5010	PIKE	1 35 10	93 41	2800	6P	6P			ARKANSAS FORESTRY COMM
BEARY LAKE	ST FRANCIS	0512	3	35 05	90 43	400	5P					ETTA C. HOWARD	MOUNTAIN HOME 1 NW	5112	HOWARD	4 33 14	90 36	550	7A			UNIVERSITY OF ARKANSAS	
BEAVER 1 SE	CARROLL	0518	3	36 28	92 46	930	7A					HARVEY E. SKELTON	MOUNTAIN HOME C OF ENG	5038	BARTER	7 36 20	92 23	800	8A	8A	BA	C	U S CORPS OF ENGINEERS
BEEBE	WHITE	0530	7	35 04	91 53	250	5P					MARVIN MORRISON	MOUNTAIN VIEW 1 E	5046	STONE	7 35 52	92 06	768	7A			NELL A. FARLEY	
BEECH GROVE	GREENE	0534	7	36 09	90 38	298	8A					B. B. HAMMOND	MULBERG 6 NNE	5072	FRANKLIN	1 35 34	91 00	500	7A			HENRY G. ARVIN	
BEEDEVILLE	JACKSON	0536	7	35 26	91 06	221	8A					P. W. BRECKENRIDGE	NARROWS DAM	5110	PIKE	3 34 09	93 43	425	8A	8A	BA	C	U S CORPS OF ENGINEERS
BENTON	SALINE	0582	6	34 33	92 37	185	5P	4A				WILLIAM B. OILWORTH	NASHVILLE PEACH SUBSTA	5122	HOWARD	4 33 14	90 36	550	7A			UNIVERSITY OF ARKANSAS	
BENTONVILLE	BENTON	0586	1	36 22	94 13	1295	6P	7A				EARLE L. BROWNE	NASHVILLE SCS	5114	HOWARD	4 33 57	91 31	373	7A			U S SOIL CONS SERVICE	
BERRYVILLE 4 NW	CARROLL	0618	7	36 28	93 37	1150	7A					DAVID L. STIDHAM	NATHAN 4 NW	5158	HOWARD	3 34 07	93 52	500	7A			EDNA J. WESTFALL	
BIG FORK	POLK	0664	3	34 29	93 08	1100	7A					ANNA M. LILES	NEWHOPE 3 E	5174	PIKE	3 34 14	93 50	850	7A			ELSIE F. WARG	
BLAKE OULET	MISSISSIPPI	0744	1	36 07	91 06	258	7A					M. DOUGLASS	NEWHOPE 3 E	5174	PIKE	3 34 14	93 50	850	7A			LUTHER S. GUMKERS, JR	
BLACK ROCK	LAWRENCE	0746	1	36 07	91 06	259	7A					L. W. MCKENNEY	NIROOD DAM	5200	PERRY	1 34 57	93 10	480	8A	8A	BA	C	U S CORPS OF ENGINEERS
BLUFFY MOUNTAIN DAM	GARLAND	0764	8A	34 36	93 11	426	8A	8A	BA			U S CORPS OF ENGINEERS	NORFORD DAM	5228	BARTER	7 36 15	92 15	425	7A			U S CORPS OF ENGINEERS	
BLUES MOUNTAIN DAM	CLARK	0781	3	35 35	92 37	1100	7A					U S CORPS OF ENGINEERS	ODCEL 3 N	5334	WASHINGTON	1 35 48	94 24	1500	7A			JOHN S. GRESHAM	
BLUFF CITY 3 SW	NEVADA	0800	1	35 41	93 09	360	7A					CATHERINE WHITE	ODCEL 2 W	5358	MONTGOMERY	4 33 38	93 48	800	7A			JOHN S. GRESHAM	
BLYTEVILLE	MISSISSIPPI	0825	1	35 12	93 59	600	7A					U S SOIL CONS SERVICE	OSCEOLA	5480	MISSISSIPPI	2 35 43	89 59	245	6A			THOMAS F. MCKINION	
BOONEVILLE 6 NW	LOGAN	0826	1	35 13	93 50	730	7A					U S SOIL CONS SERVICE	OWENSVILLE	5498	SALINE	3 34 33	93 40	500	8A			JOHN S. GRESHAM	
BOONEVILLE 7 NE	LOGAN	0827	1	35 13	93 53	810	7A					U S SOIL CONS SERVICE	OZARK	5508	FRANKLIN	3 35 29	93 50	396	6P	6P			HENRY G. ARVIN
BOONEVILLE 8 NNE	LOGAN	0828	1	35 13	93 53	810	7A					U S SOIL CONS SERVICE	OZARK	5508	FRANKLIN	3 35 29	93 50	396	6P	6P			HENRY G. ARVIN
BOONEVILLE 8 NNE	LOGAN	0829	1	35 13	93 53	810	7A					U S SOIL CONS SERVICE	OZARK	5508	FRANKLIN	3 35 29	93 50	396	6P	6P			HENRY G. ARVIN
BOONEVILLE 8 NNE	LOGAN	0830	1	35 09	93 55	511	7P	7A				CLEO E. YANDELL	OZARK	5514	JOHNSON	1 35 38	93 27	1900	7A			MAURICE R. BRANDT	
BOUGHTON 2 S	BOHANNON	0842	2	35 39	92 30	1200	7A					THOMAS M. PEARSON	PARAGOOD RADIO KORS	5562	GREENE	5 36 03	90 28	276	4P	4P			RADIO STATION KORS
BOUGHTON 2 S	BOHANNON	0843	2	35 39	92 30	1200	7A					THOMAS M. PEARSON	PARAGOOD RADIO KORS	5562	GREENE	5 36 03	90 28	276	4P	4P			RADIO STATION KORS
BOUGHTON 2 S	BOHANNON	0844	2	35 39	92 30	1200	7A					THOMAS M. PEARSON	PARAGOOD RADIO KORS	5562	GREENE	5 36 03	90 28	276	4P	4P			RADIO STATION KORS
BOUGHTON 2 S	BOHANNON	0845	2	35 39	92 30	1200	7A					THOMAS M. PEARSON	PARAGOOD RADIO KORS	5562	GREENE	5 36 03	90 28	276	4P	4P			RADIO STATION KORS
BRANCH 4 NW	FRANKLIN	0888	3	35 49	93 59	500	7A					U S SOIL CONS SERVICE	PARKE	5591	SCOTT	1 34 48	93 57	668	7A			BOHAR K. HANSEN	
BRANCH 4 NW	FRANKLIN	0889	3	35 49	93 59	500	7A					U S SOIL CONS SERVICE	PARKE	5591	SCOTT	1 34 48	93 57	668	7A			BOHAR K. HANSEN	
BRANCH 4 NW	FRANKLIN	0890	3	35 49	93 59	500	7A					U S SOIL CONS SERVICE	PARKE	5591	SCOTT	1 34 48	93 57	668	7A			BOHAR K. HANSEN	
BRANCH 4 NW	FRANKLIN	0891	3	35 49	93 59	500	7A					U S SOIL CONS SERVICE	PARKE	5591	SCOTT	1 34 48	93 57	668	7A			BOHAR K. HANSEN	
BRANCH 4 NW	FRANKLIN	0892	3	35 49	93 59	500	7A					U S SOIL CONS SERVICE	PARKE	5591	SCOTT	1 34 48	93 57	668	7A			BOHAR K. HANSEN	
BRANCH 4 NW	FRANKLIN	0893	3	35 49	93 59	500	7A					U S SOIL CONS SERVICE	PARKE	5591	SCOTT	1 34 48	93 57	668	7A			BOHAR K. HANSEN	
BRANCH 4 NW	FRANKLIN	0894	3	35 49	93 59	500	7A					U S SOIL CONS SERVICE	PARKE	5591	SCOTT	1 34 48	93 57	668	7A			BOHAR K. HANSEN	
BRANCH 4 NW	FRANKLIN	0895	3	35 49	93 59	500	7A					U S SOIL CONS SERVICE	PARKE	5591	SCOTT	1 34 48	93 57	668	7A			BOHAR K. HANSEN	
BRANCH 4 NW	FRANKLIN	0896	3	35 49	93 59	500	7A					U S SOIL CONS SERVICE	PARKE	5591	SCOTT	1 34 48	93 57	668	7A			BOHAR K. HANSEN	
BRANCH 4 NW	FRANKLIN	0897	3	35 49	93 59	500	7A					U S SOIL CONS SERVICE	PARKE	5591	SCOTT	1 34 48	93 57	668	7A			BOHAR K. HANSEN	
BRANCH 4 NW	FRANKLIN	0898	3	35 49	93 59	500	7A					U S SOIL CONS SERVICE	PARKE	5591	SCOTT	1 34 48	93 57	668	7A			BOHAR K. HANSEN	
BRANCH 4 NW	FRANKLIN	0899	3	35 49	93 59	500	7A					U S SOIL CONS SERVICE	PARKE	5591	SCOTT	1 34 48	93 57	668	7A			BOHAR K. HANSEN	
BRANCH 4 NW	FRANKLIN	0900	3	35 49	93 59	500	7A					U S SOIL CONS SERVICE	PARKE	5591	SCOTT	1 34 48	93 57	668	7A			BOHAR K. HANSEN	
BRANCH 4 NW	FRANKLIN	0901	3	35 49	93 59	500	7A					U S SOIL CONS SERVICE	PARKE	5591	SCOTT	1 34 48	93 57	668	7A			BOHAR K. HANSEN	
BRANCH 4 NW	FRANKLIN	0902	3	35 49	93 59	500	7A					U S SOIL CONS SERVICE	PARKE	5591	SCOTT	1 34 48	93 57	668	7A			BOHAR K. HANSEN	
BRANCH 4 NW	FRANKLIN	0903	3	35 49																			

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA Stations. For those stations snow on ground values are at 0600 C.S.T.

In the Station Index the letters C, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes and are published later in "Hourly Precipitation Data" Bulletin.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

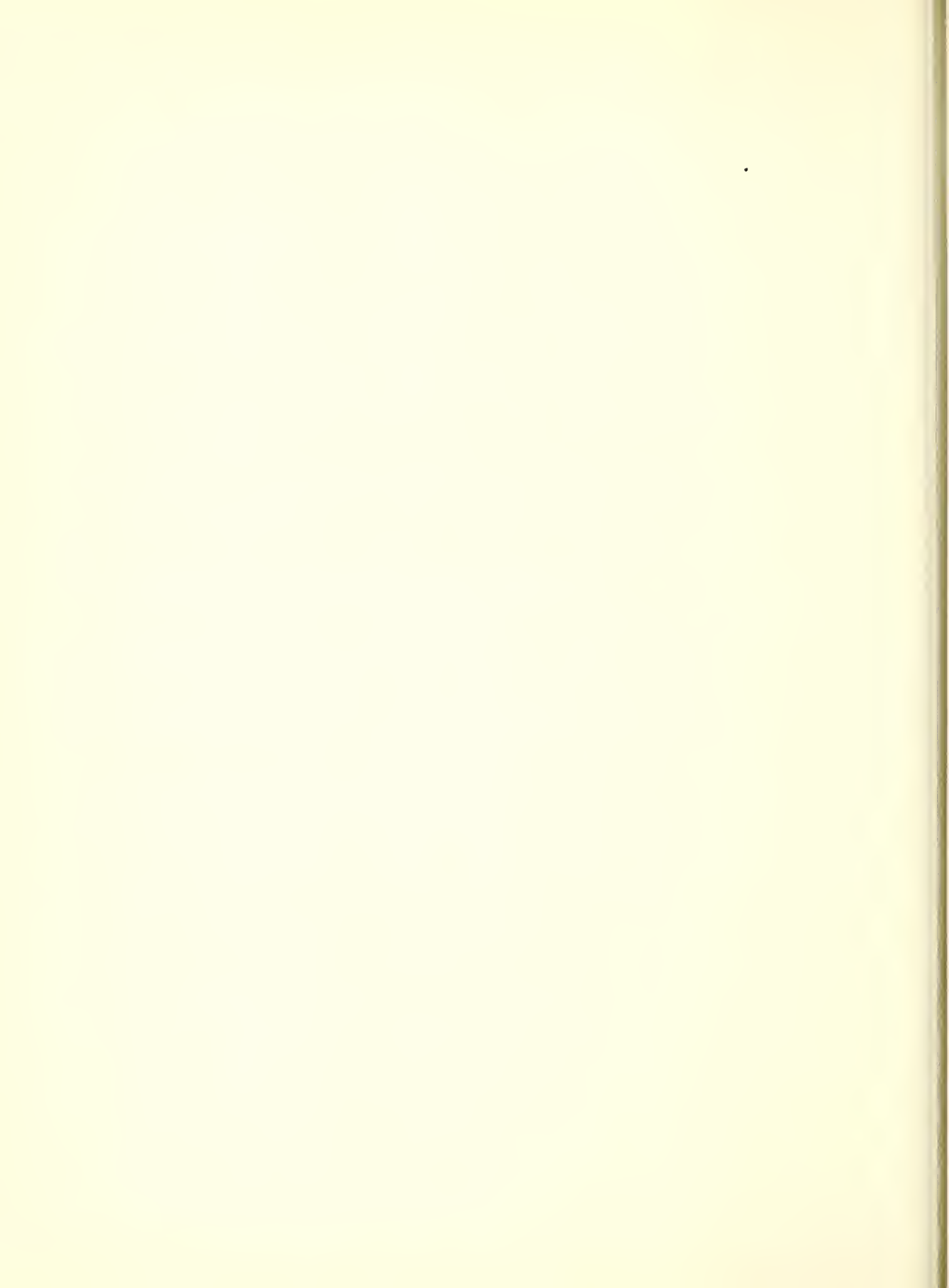
Other Reference Notes

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Daily Precipitation" Table, "Evaporation and Wind" Table, "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW and the MONTHLY CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.





C 30 19/5:

U. S. DEPARTMENT OF COMMERCE

LEWIS L. STRAUSS, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief



CLIMATOLOGICAL DATA

ARKANSAS

DECEMBER 1958

Volume LXIII No. 12



CLIMATOLOGICAL DATA

ARKANSAS
DECEMBER 1958

CONTINUED

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max		Min.						Total	Max. Depth on Ground	Date	10 or More	15 or More	100 or More
										0° or Above	1° or Below	0° or Below	1° or Below										
EAST CENTRAL DIVISION																							
BRINKLEY	49.0	29.9	39.5	- 4.1	73	4	5	15	787	0	4	18	0	1.71	- 3.09	.43	23	4.0	3	14+	5	0	0
DES ARC	47.6	26.7	37.2		74	5	6	15	855	0	5	21	0	1.64		.49	27	7.0			6	0	0
HELENA	49.5	32.0	40.8	- 4.2	71	4	13	15+	744	0	2	16	0	1.23	- 3.70	.41	27		5	13	4	0	0
KEO	50.2	28.3	39.3		75	4	4	15	790	0	3	21	0	1.60		.41	13	4.0			5	0	0
MARIANNA 2 S	49.6M	29.3M	39.5M	- 4.4	72	4	0	14	786	0	3	17	1	2.38	- 2.36	.68	23	7.0	5	14+	6	3	0
SAINT CHARLES	48.7	29.2	39.0		73	5	8	14	802	0	4	20	0	1.62		.50	27	3.7	4	13	4	1	0
STUTT GART	50.6	31.4	41.0	- 4.1	74	4	9	15	735	0	3	17	0	D 1.56	- 3.29	.40	23+	4.0			4	0	0
STUTT GART 9 ESE	46.6	28.0	37.3		71	5	4	15	851	0	4	21	0	.96		.43	23	4.0			3	0	0
WYNNE	48.8M	27.9M	38.4M		71	4	0	15	818	0	4	18	1	1.79		.62	31	4.2			5	1	0
DIVISION			39.1	- 4.9										1.61	- 2.91			4.7					
SOUTHWEST DIVISION																							
ASHDOWN	54.4	31.2	42.8		74	5+	18	15	682	0	0	17	0	D .75		D .30	13	3.0			3	0	0
DE QUEEN	54.4	32.0	43.2		76	4	13	15	666	0	0	17	0	.64		.20	31				4	0	0
HOPE 3 NE	51.7	28.3	40.0	- 5.2	75	5	11	15	767	0	1	21	0	.60	- 4.01	.18	23	1.6			4	0	0
MOUNT IDA	52.5	27.1	39.8	- 2.6	72	4	0	15	775	0	1	21	1	1.32	- 3.30	.65	13	9.0	9	13	3	1	0
NARROWS DAM	53.4	26.7	40.1		75	5	9	15	766	0	0	26	0	.91		.22	2	3.5			5	0	0
NASHVILLE PEACH SUBSTA	51.1	28.5	39.8		74	5	10	15	774	0	1	23	0	.70		.18	24	2.0	2	14+	4	0	0
OKAY	54.8	32.1	43.5	- 3.5	75	4	14	15	659	0	0	17	0	.70	- 3.67	.17	23	1.5	1	14+	5	0	0
TEXARKANA WB AIRPORT	R// 51.9	33.8	42.9	- 5.1	75	4	16	15	678	0	1	16	0	.52	- 4.32	.13	1	.8	1	14+	2	0	0
DIVISION			41.5	- 3.3										.77	- 3.33			3.1					
SOUTH CENTRAL DIVISION																							
ARKADELPHIA	52.0	30.9	41.5		73	4	10	15	722	0	0	19	0	D 1.31	- 3.33	.40	27	3.5			4	0	0
CAMDEN 1	52.6	27.1	39.9	- 6.0	76	5	10	16	773	0	1	21	0	1.52	- 3.76	.50	13		2	13	5	1	0
EL DORADO CAA AIRPORT	52.3	31.4	41.9	- 5.8	75	4	12	15	710	0	0	19	0	.78	- 4.94	.23	1	2.0	2	13	3	0	0
FORDYCE 6 W	52.3M	32.8M	42.6M		74	4	9	15	689	0	0	13	0	D 1.20		.46	23	2.0			4	0	0
MAGNOLIA 3 N	53.8	31.6	42.7	- 6.0	71	19+	10	15	684	0	0	14	0	.72	- 4.63	.16	31	3.5			4	0	0
PRESCOTT	50.5	28.4	39.5	- 6.6	74	5	12	15	787	0	1	21	0	.68	- 3.87	.22	27		1	14+	4	0	0
WARREN	53.0	32.5	42.8	- 4.5	74	4	10	15	682	0	0	16	0	1.07		.36	31	3.3	3	13	4	0	0
DIVISION			41.6	- 4.6										1.04	- 3.89			2.9					
SOUTHEAST DIVISION																							
CROSSETT 7 S	54.5	31.6	43.1	- 4.0	76	4	11	15	672	0	0	18	0	1.13	- 4.84	.47	31	2.0	1	13	4	0	0
CUMMINS FARM	53.2M	28.2M	40.7M		73	4	2	15	761	0	2	18	0	2.23		.73	13				5	3	0
DUMAS 1 ESE	51.5	30.2	40.9	- 5.4	74	4	7	15	741	0	1	17	0	1.14	- 4.45	.49	13				4	0	0
MONTICELLO 3 S	52.9M	31.6M	42.3M		75	4	2	14	698	0	1	15	0	1.02		.50	13	3.0			4	1	0
PINE BLUFF	52.0	32.8	42.4	- 4.0	75	4	11	15	693	0	2	15	0	1.28	- 3.71	.55	13		9	13	5	1	0
PINE BLUFF CAA AIRPORT	49.7	29.2	39.5		74	4	5	15	784	0	2	18	0	2.15		.97	12	10.4	10	13	5	2	0
PORTLAND	52.0	30.4	41.2	- 6.6	74	5	12	16	732	0	2	20	0	.78	- 4.46	.30	13	3.0			3	0	0
DIVISION			41.4	- 5.0										1.39	- 3.80			4.6					

Highest Temperature 76 on the 5+ at 5 Stations.

Lowest Temperature -4 on the 15+ at Gravette.

Greatest Total Precipitation 2.38 inches at Marianna 2 S.

Least Total Precipitation 0.22 inches at Mammoth Spring.

Greatest one-day Precipitation 1.95 inches on the 13 at Washita.

Greatest Total Snowfall 11.0 inches at White Rock.

Deepest Snow on Ground 10 inches on the 13 at Pine Bluff CAA AP.

DAILY TEMPERATURES

ARKANSAS
DECEMBER 1958

Station		Day																															Average
		Of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALUM FDRK	MAX	57	55	63	71	69	47	39	49	47	37	50	47	32	31	36	53	59	66	66	64	52	62	59	58	48	51	49	55	52	48	40	52.0
	MIN	37	45	39	38	35	26	23	21	27	25	22	31	19	13	7	21	34	32	33	33	24	29	50	33	26	25	37	31	39	34	32	29.7
ARKADELPHIA	MAX	53	54	65	73	66	47	41	52	47	40	48	43	34	33	37	56	61	64	68	64	50	62	60	59	49	54	53	48	45	44	41	52.0
	MIN	30	47	44	35	41	30	24	22	29	28	21	25	22	12	10	19	27	28	40	37	23	26	55	38	30	26	41	40	40	36	30.9	
ASHDOWN	MAX	52	54	64	74	74	54	46	50	49	42	45	46	39	40	41	61	61	65	71	64	53	59	64	60	52	64	56	54	45	45	42	54.4
	MIN	38	45	42	36	37	29	26	24	35	24	29	28	26	20	18	20	24	26	28	37	19	27	53	35	31	24	42	36	37	35	35	31.2
BALO KNOB	MAX	61	54	63	70	65	47	39	48	46	31	46	41	29	31	30	50	58	62	65	58	50	60	56	56	46	50	49	46	44	42	38	49.4
	MIN	29	44	45	31	36	25	20	18	25	22	18	29	19	4	2	11	23	27	28	34	18	22	45	36	22	23	39	33	39	32	35	26.9
BATESVILLE LIVESTOCK	MAX	54	62	49	60	69	49	40	38	47	31	30	46	29	29	32	30	52	59	66	65	61	63	63	64	49	46	50	51	42	46	39	48.7
	MIN	26	33	38	37	32	15	13	16	22	18	16	18	16	4	2	11	19	26	29	30	25	20	30	30	20	20	20	20	20	32	32	22.6
BATESVILLE L ANO O ND 1	MAX	61	57	63	68	63	46	38	47	44	32	45	42	28	31	32	50	58	64	67	64	59	61	60	58	47	48	51	50	46	44	39	50.4
	MIN	29	44	34	33	37	25	15	18	21	22	16	27	19	10	2	13	27	25	31	33	19	23	48	34	20	19	34	28	40	32	35	26.2
BENTON	MAX	57	56	67	73	66	47	39	51	44	27	51	45	33	34	32	52	62	66	63	62	67	67	63	58	48	56	53	48	46	45	40	53.0
	MIN	29	39	38	37	38	29	22	18	28	27	20	32	21	5	0	12	23	27	27	28	18	23	49	32	32	27	31	31	40	36	36	27.0
BENTONVILLE	MAX	53	50	54	66	43	31	40	46	37	38	41	33	32	22	39	54	53	58	60	48	59	64	56	48	53	56	55	61	43	35	37	47.3
	MIN	37	35	36	33	28	18	14	23	18	24	22	17	10	1	0	19	28	28	32	25	24	28	41	22	20	32	28	29	31	29	28	24.5
BLAKELY MOUNTAIN DAM	MAX	50	57	52	66	73	53	43	42	53	34	40	51	39	23	34	38	57	63	65	68	55	53	63	58	53	49	53	55	55	40	51.1	
	MIN	33	39	38	32	33	30	24	21	22	29	20	21	22	7	4	15	25	29	29	30	20	21	26	33	27	23	23	31	37	36	36	26.4
BLTYHEVILLE	MAX	57	53	60	61	59	36	35	43	39	32	39	33	27	33	31	51	55	58	66	58	48	59	53	52	43	50	43	46	46	43	41	46.8
	MIN	30	41	47	40	45	25	19	22	20	19	25	24	18	13	7	19	32	25	36	29	18	27	43	33	23	23	35	40	38	37	38	28.4
BDONEVILLE	MAX	53	52	61	74	63	45	45	50	42	43	47	43	33	28	40	54	62	64	71	59	61	69	59	57	53	53	58	59	51	48	40	52.8
	MIN	38	44	35	31	35	23	22	25	28	28	11	31	24	5	3	12	24	24	27	28	19	25	53	28	25	32	37	26	34	36	33	27.3
BRINKLEY	MAX	58	54	65	73	62	41	36	48	43	32	48	40	28	30	31	50	56	62	68	56	50	53	57	56	45	50	46	46	46	42	49.0	
	MIN	34	46	47	40	41	28	22	21	26	23	20	28	20	7	5	16	30	28	39	35	22	26	49	30	25	24	37	40	39	40	38	29.9
CAMDEN 1	MAX	59	50	60	68	76	55	46	45	52	44	38	49	43	30	36	40	62	63	69	71	53	55	63	64	52	49	58	47	46	44	44	52.6
	MIN	25	42	45	35	39	30	23	21	23	27	21	21	25	14	11	10	18	24	25	35	22	20	25	41	30	21	22	33	35	40	36	27.1
CAMP CHAFFEE	MAX	52	53	52	61	73	51	42	43	47	34	42	45	34	27	26	30	45	60	61	66	53	55	64	60	53	51	54	59	62	49	39	49.8
	MIN	32	41	34	30	33	26	20	23	26	29	19	20	20	3	-2	0	14	23	23	25	19	24	24	32	25	29	32	25	34	37	33	24.3
CLARKSVILLE	MAX	55	51	61	73	63	45	41	50	40	44	47	42	33	29	34	53	59	62	66	56	56	62	57	56	48	50	58	56	56	49	41	51.4
	MIN	35	44	43	32	35	26	22	24	27	29	20	29	20	7	5	15	20	26	26	24	22	26	51	27	25	32	33	26	40	35	34	27.7
CDNWAY	MAX	58	54	62	73	67	49	41	49	40	36	47	45	30	30	35	54	60	63	68	61	52	63	59	56	44	51	55	50	49	45	40	51.2
	MIN	35	45	40	32	36	28	22	21	26	26	19	30	20	8	3	14	26	29	30	33	20	23	49	33	25	21	36	30	40	36	35	28.1
CORNING	MAX	57	45	62	58	53	37	37	45	42	33	39	36	31	34	31	52	58	58	64	54	48	59	58	53	43	49	49	45	46	44	40	47.1
	MIN	27	37	42	37	33	23	20	22	18	18	24	25	15	12	7	18	29	27	37	33	20	25	43	30	21	22	32	34	37	36	35	27.1
CRDSSETT 7 S	MAX	54	60	67	76	72	50	46	52	50	37	50	49	43	43	38	60	63	66	71	66	56	61	60	60	46	59	54	49	46	45	42	54.5
	MIN	42	46	47	31	47	29	24	21	20	29	20	32	25	14	11	19	27	27	33	41	22	27	47	34	29	25	47	43	41	40	40	31.6
CUMMINS FARM	MAX	56	58	65	73	66	44	49	50	45	36	49	45	39	28	30	55	56	65	70	50	56	66	45	58	61	59	58	58	58	58	58	53.2
	MIN	38	44	45	35	30	27	22	21	28	24	20	30	19	17	2	15	29	28	35	34	20	27	45	35	28	27	36	32	32	36	36	28.2
DARDANELLE	MAX	53	52	61	73	65	48	40	47	44	40	45	43	30	30	38	53	60	63	69	60	54	63	58	56	49	51	55	50	50	48	40	51.2
	MIN	33	45	41	32	37	26	25	22	29	30	20	7	5	14	28	26	27	32	21	21	21	25	50	31	25	27	33	32	40	36	35	28.5
DE QUEEN	MAX	48	51	67	76	67	50	48	49	45	44	46	43	40	38	42	60	63	68	70	58	59	58	61	58	57	60	62	52	52	46	48	54.4
	MIN	37	47	48	35	40	29	28	26	33	31	20	31	27	15	13	21	24	28	28	41	22	28	52	35	28	27	39	38	40	41	39	32.0
OES ARC	MAX	43	60	52	65	74	48	40	38	48	38	32	48	32	26	32	30	50	60	64	67	42	49	61	57	45	46	51	47	44	45	42	47.6
	MIN	30	39	45	38	38	28	22	22	24	21	18	21	18	8	6	7	21	29	32	34	22	24	31	34	26	23	26	33	36	36	35	26.7
DEVILS KNDB	MAX	48	42	48	52	44	28	35	45	39	35	38	36	28	24	24	38	52	52	59	51	49	58	53	50	51	48	47	42	45	38	36	43.1
	MIN	29	36	38	40	17	15	15	22	20	20	32	26	22	7	2	28	30	32	33	29	29	36	46	24	29	31	26	29	26	25	24	26.4
DOMAS 1 ESE	MAX	54	60	67	74	60	42	43	52	42	38	49	41	33	29	33	54	58	66	70	55	53	63	60	58	58	56	50	47	45	44	43	51.5
	MIN	39	44	47	38	37	28	22	21	30	27	21	31	19	9	7	18	29	28	35	35	22	24	47	34	28	23	38	40	40	38	38	30.2
EL DORADO CAA AIRPRT	MAX	49	59	67	75	56																											

DAILY TEMPERATURES

ARKANSAS
DECEMBER 1958

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JONESBORO	MAX	58	53	62	68	56	46	37	47	39	32	43	39	28	37	30	52	58	60	64	55	50	60	54	53	44	51	46	48	46	43	48.6	
	MIN	29	42	44	40	36	25	19	29	21	19	24	26	17	12	10	20	34	30	40	34	21	25	44	31	24	25	24	23	36	33	35	28.1
KEO	MAX	59	57	66	75	61	41	37	48	38	36	48	41	31	30	30	51	59	66	70	57	50	64	60	57	47	52	50	45	45	41	50.2	
	MIN	35	46	42	37	37	28	23	20	26	24	19	29	18	7	4	14	28	28	31	30	20	25	47	37	26	23	37	32	38	36	35	28.3
LEAO HILL	MAX	55	56	59	61	52	35	43	48	34	34	45	38	28	28	43	53	55	62	67	47	60	70	60	51	51	54	58	61	50	39	37	49.5
	MIN	31	41	30	40	30	21	13	20	20	24	22	20	14	3	-1	15	23	23	35	23	18	31	45	27	16	29	21	29	31	31	24.4	
LITTLE ROCK W8 AIRPORT	MAX	58	54	66	75	53	42	38	46	36	35	47	37	27	31	34	55	60	65	69	53	51	64	60	53	46	50	51	44	45	40	49.4	
	MIN	39	47	45	40	37	29	24	24	27	26	24	27	20	16	12	23	35	35	37	31	26	29	49	33	29	27	36	32	40	37	35	31.3
MAGNOLIA 3 N	MAX	48	55	68	70	71	52	49	47	48	37	46	48	43	36	41	59	61	60	71	69	56	62	64	65	47	57	57	46	48	45	43	53.8
	MIN	40	43	45	40	41	30	23	22	34	28	17	28	23	12	10	20	28	26	38	33	21	34	54	40	33	23	42	38	40	38	36	31.6
MALVERN	MAX	55	54	66	76	68	49	39	50	45	37	50	43	31	32	33	52	60	65	69	62	51	61	59	57	50	53	51	47	44	42	39	51.3
	MIN	35	45	45	31	34	26	22	18	27	26	15	31	20	5	-2	16	22	26	25	33	17	19	48	37	24	18	37	30	39	35	35	26.9
MAMMOTH SPRING	MAX	51	47	61	62	52	35	38	46	41	34	42	40	27	31	32	58	57	65	69	56	52	64	60	58	48	50	53	47	42	44	38	48.4
	MIN	26	37	32	32	30	19	14	18	18	19	25	22	14	8	2	13	24	23	23	29	15	19	45	31	15	18	30	20	35	32	31	29.2
MARIANNA 2 S	MAX	57	56	63	72	62	45	39	50	41	34	47	41	29	29	30	49	57	62	67	68	44	60	55	55	45	52	47	46	44	44	42	49.6
	MIN	36	44	48	37	38	27	21	23	24	21	23	27	19	0	3	14	29	28	35	34	22	60	44	38	25	25	40	40	39	37	37	29.3
MARKEO TREE	MAX	60	54	61	70	63	44	38	45	39	33	41	36	27	30	28	49	57	58	65	56	58	58	58	51	48	52	55	45	44	40	48.6	
	MIN	38	44	45	39	36	24	18	21	22	20	23	25	17	14	9	17	35	30	31	34	24	31	34	24	32	26	25	24	35	39	37	36
MARSHALL	MAX	53	56	52	71	64	41	40	45	40	33	45	40	25	27	39	55	57	60	69	59	57	66	59	49	48	51	55	59	49	39	37	49.7
	MIN	24	39	42	39	34	20	15	20	26	21	18	22	15	0	1	19	30	32	24	30	26	20	42	31	22	32	31	26	28	31	29	25.5
MENA	MAX	48	48	62	70	61	45	48	56	47	37	50	41	31	37	42	59	65	68	67	56	56	65	59	55	55	59	60	62	55	44	38	53.1
	MIN	37	44	44	34	37	27	24	24	30	26	21	31	21	8	10	27	36	31	31	33	26	25	51	32	28	27	37	35	38	36	31	30.4
MONTICELLO 3 S	MAX	50	59	66	75	69	43	53	49	35	52	44	40	30	38	55	55	62	69	64	57	64	59	59	46	56	50	46	44	42	42	52.9	
	MIN	39	45	49	39	42	26	20	32	31	17	34	23	2	2	5	21	34	32	41	35	25	27	50	37	24	26	43	38	41	39	31.6	
MORRILTON	MAX	57	52	62	72	62	44	40	49	41	37	48	42	31	31	28	55	59	62	69	57	54	65	58	56	48	50	56	49	52	46	40	50.7
	MIN	35	45	42	33	33	26	20	22	28	27	20	28	20	2	2	14	28	30	28	32	21	25	49	30	25	25	37	31	40	35	35	28.3
MOUNT IDA	MAX	53	52	66	72	60	45	43	52	47	38	54	44	32	34	44	58	63	69	68	54	55	54	58	56	54	55	53	60	55	41	39	52.5
	MIN	33	40	48	30	34	26	19	18	29	28	16	32	21	3	0	14	24	24	27	33	16	23	51	30	26	19	38	28	39	36	35	27.1
MOUNT MAGAZINE	MAX	48	43	60	65	57	32	36	35	45	35	45	35	25	17	35	61	45	59	61	45	54	58	53	50	43	44	47	52	46	37	32	44.9
	MIN	38	38	38	45	19	18	20	24	24	18	24	25	12	6	7	29	39	38	39	25	31	25	46	31	29	24	31	37	36	26	24	27.9
MOUNTAIN HOME 1 NNW	MAX	50	50	57	62	46	39	45	40	30	42	33	27	26	39	57	56	62	68	50	55	66	59	51	55	50	57	58	49	37	35	48.4	
	MIN	30	42	42	37	31	17	22	18	22	22	24	22	14	6	3	20	30	28	27	29	26	21	46	30	23	38	34	30	32	31	27.0	
MOUNTAIN HOME C OF ENG	MAX	51	58	62	44	35	39	45	28	31	42	25	26	27	40	57	55	62	68	44	54	67	59	51	48	51	55	58	46	37	47.1		
	MIN	24	39	40	33	32	20	15	18	18	21	23	15	7	4	5	18	26	25	30	21	25	30	21	25	30	19	19	28	25	26	32	33
NARROWS DAM	MAX	55	50	61	69	75	58	48	48	49	38	48	50	42	35	40	42	59	65	68	71	58	55	57	59	57	51	59	47	52	41	53.4	
	MIN	30	42	45	32	32	31	27	24	23	28	19	22	25	12	9	12	18	27	26	26	22	25	26	32	29	22	23	32	35	35	37	26.7
NASHVILLE PEACH SUBSTA	MAX	53	48	50	64	74	56	43	45	47	38	41	45	40	28	38	40	59	64	66	70	56	52	56	62	55	48	54	58	47	47	40	51.1
	MIN	32	44	44	35	39	30	24	23	29	27	18	25	23	13	10	11	22	30	32	30	22	28	35	31	30	28	29	30	36	37	35	28.5
NEWPORT	MAX	62	54	66	72	59	42	38	49	38	32	45	38	29	34	31	49	64	65	66	54	50	61	57	56	46	51	48	43	45	45	40	49.3
	MIN	30	44	44	37	38	27	22	21	26	22	22	28	20	12	9	19	30	30	37	31	25	29	46	35	24	24	38	33	40	38	36	29.6
NIMROD OAM	MAX	46	56	51	62	72	53	43	42	50	37	38	48	35	29	32	40	52	59	65	69	50	55	65	60	47	49	53	51	53	54	52	50.6
	MIN	31	37	41	35	33	25	24	18	18	27	18	20	20	10	2	4	21	29	30	32	20	22	29	31	22	20	24	29	30	34	34	24.8
OKAY	MAX	51	53	66	75	74	55	46	51	50	41	45	44	39	41	41	62	60	64	70	64	56	60	63	62	53	57	60	54	52	47	43	54.8
	MIN	40	45	47	35	41	31	26	24	35	20	20	30	26	16	14	19	28	28	30	35	22	28	54	38	32	26	42	39	40	38	36	32.1
OZARK	MAX	53	50	62	72	58	45	40	47	39	42	45	41	32	27	35	52	61	62	62	55	56	62	58	53	51	53	60	60	56	45	40	50.8
	MIN	37	45	43	38	45	27	23	28	28	30	22	30	17	8	8	12	26	28	28	29	23	27	51	30	26	25	37	29	36	37	35	28.8
PARAGOULD RADIO KORS	MAX	58	52	61	64	54	46	36	48	41	31	41	38	29	31	30	51	55	57	64	56	48	58	55	53	43	49	46	46	44	44	40	47.4
	MIN	25	38	41	34	32	21	17	18	18	16	21	23	14	7	5	15	27	25	32	32	16	23	37	29	19	21	31	29	37	34	34	24.9
PARIS	MAX	53	52	60	75	63	48	40	47	42	44	47	41	30	28	30	50	61	63	69													

DAILY TEMPERATURES

CONTINUED

ARKANSAS
DECEMBER 1958

Station		Day Of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
SUBIACO	MAX	53	51	59	75	67	44	41	47	42	45	45	40	31	28	32	48	58	61	66	59	53	63	56	53	52	53	56	57	54	49	38
	MIN	33	42	41	35	33	26	23	21	27	27	24	29	18	9	5	11	29	30	28	29	22	28	48	32	25	27	33	26	31	33	33
TEXARKANA WB AIRPORT	MAX	48	53	65	75	57	46	45	53	46	40	46	43	32	37	40	61	62	65	70	53	56	59	64	55	50	57	55	47	45	45	40
	MIN	43	46	46	46	39	32	26	27	30	29	22	32	26	18	16	25	32	32	43	37	27	33	55	37	33	26	41	37	40	40	32
TURNPIKE	MAX																															
	MIN																															
WALORON	MAX	53	52	62	72	71	49	45	53	47	40	50	48	32	34	47	58	60	67	69	59	59	66	58	57	50	55	56	65	58	47	39
	MIN	36	44	35	30	36	23	22	22	28	27	15	30	21	-	3	0	12	24	23	26	29	18	24	51	28	23	30	25	31	34	32
WALNUT RIDGE CAA AIRPORT	MAX	56	49	61	62	49	36	37	46	30	31	40	35	27	33	29	51	57	59	65	45	47	59	55	48	45	49	48	44	43	39	39
	MIN	29	41	40	38	31	24	21	23	22	20	26	24	19	15	10	19	29	30	35	27	23	29	41	30	30	25	31	30	38	36	36
WARREN	MAX	52	59	66	74	69	46	43	51	50	36	50	45	38	34	37	59	62	65	71	63	54	64	60	59	47	56	51	48	45	45	45
	MIN	41	46	50	42	43	30	24	21	31	28	21	34	22	12	10	23	30	30	39	39	23	27	51	37	30	22	45	37	40	40	38
WHITE ROCK	MAX	48	43	55	65	59	38	34	43	38	42	40	35	27	27	34	48	55	60	62	50	49	58	54	48	45	49	54	53	43	36	31
	MIN	34	40	40	43	28	17	17	24	22	22	25	21	10	10	6	29	40	37	41	25	31	39	38	28	31	28	32	38	32	27	28
WILSON	MAX	61	53	60	69	63	58	41	45	45	33	41	34	32	33	32	46	56	58	66	58	58	56	53	55	50	49	43	46	46	43	41
	MIN	31	43	47	40	35	25	19	20	22	20	24	20	18	13	7	19	32	25	33	34	32	26	40	33	24	23	33	35	39	37	36
WYNNE	MAX	57	53	62	71	65	43	47	38	31	46	38	27	27	28	56	58	60	66	62	45	60	56	55	45	50	46	45	44	43	40	
	MIN	30	43	42	38	37	25	19	21	21	26	21	21	17	3	0	21	22	26	36	35	20	25	45	33	22	25	33	40	39	36	36

EVAPORATION AND WIND

Station		Day of month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Blakely Mountain Dam	EVAP	-	.00	.02	.05	.07	*	*	*	.18	*	*	.06	-	-	-	-	-	-	-	-	*	*	.10	.06	.04	*	.05	.03	.05	.01	.00	
	WIND	14	5	8	17	46	34	31	14	26	47	26	16	18	18	51	15	-	6	14	-	44	27	12	10	17	16	18	25	17	24	25	23
Hope 3 NE	EVAP	-	.12	.02	.08	.11	*	*	*	.16	*	*	*	*	*	*	*	*	.28	.08	*	*	*	.27	.03	.08	*	.20	.06	.02	.02	.09	
	WIND	8	8	20	23	60	52	38	21	12	70	33	13	57	50	27	12	22	10	17	35	19	5	26	28	17	21	5	19	5	27	33	
Narrows Dam	EVAP	-	.05	.00	.07	.09	*	*	*	.26	*	*	*	*	*	*	*	*	*	.31	*	*	*	*	.08	*	*	.18	.03	.02	.01	.00	
	WIND	12	8	16	21	45	34	32	18	28	43	27	21	37	29	37	22	19	30	19	34	23	23	16	33	15	20	27	19	22	20	21	
Stuttgart 9 ESE	EVAP	.07	.02	.02	.06	.22	-	.04	*	*	*	*	*	*	*	*	*	*	*	.32	-	-	-	.00	.09	-	-	.14	.14	.03	-	-	
	WIND	49	22	29	51	123	85	44	62	40	111	68	21	98	47	41	41	49	26	33	31	79	21	26	89	45	18	100	13	128	110	-	

SNOWFALL AND SNOW ON GROUND

ARKANSAS
DECEMBER 1958

Station	Day of month																																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
Batesville L and D No 1												1.5	2.5	T																						
												1	2	2	2	T																				
Brinkley												1.0	3.0																							
												T	3	3	2	T																				
Camden 1																																				
Conway													4.0																							
												3	2	2																						
Crossett 7 S													2.0																							
												1	T	T																						
De Queen																																				
Devils Knob												1.3	4.8														.5									
												1	6																							
Dumas 1 ESE																																				
El Dorado CAA Airport													2.0																							
												2	1																							
Eureka Springs																																				
Fayetteville CAA Airport											T	2.5	.5																							
												3	2	2	1																					
Flippin CAA Airport											4.0	T	T																							
											4	3	3	2	2																					
Fort Smith WB Airport												4.0	.8		T																					
												4	3	3	2	1	T																			
													.4	.4	.3	.3																				
Gilbert												4.0																								
												4	4	3	2	T	T	T																		
Gravette												1.0	1.0																							
												1	2	2	1																					
Hot Springs 1 NNE													9.5																							
Jonesboro																																				
Little Rock WB Airport												2.8	2.2																							
												T	4	3	3	2	T																			
Magnolia 3 N													2.5	1.0																						
Mammoth Spring																																				
Marianna 2 S												2.5	4.5																							
												2	5	5	4	1	T																			
Marked Tree																																				
Mena													4.5																							
													5	5	3	2																				
Monticello 3 S																																				
Mount Ida													9.0																							
													9	8	6	4	1	T	T	T	T	T														
Newport																																				
Ozark													3.3																							
													3	2																						
Pine Bluff CAA Airport												9.0	1.4																							
												T	10	5	4	2																				
Prescott																																				
Rogers																																				
Russellville																																				
Searcy																																				
Stuttgart 9 ESE																																				
Texarkana WB Airport																																				
Waldron																																				
Walnut Ridge CAA Airport																																				

CLIMATOLOGICAL DATA

ARKANSAS
DELAYED DATA

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Dale	Lowest	Dale	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Dale	Snow, Sleet			No. of Days		
										90° or Above	32° or Below	32° or Below	90° or Below					Total	Max Depth on Ground	Dale	10 or More	50 or More	100 or More
May 1958 NORTHEAST DIVISION Newport	80.2	60.0	70.1	0.0	92	31	48	7	39	1	0	0	0	8.45	3.78	2.36	9	.0	0		7	3	3
June 1958 SOUTH CENTRAL DIVISION Prescott	89.5	66.7	78.1	-2.1	97	15+	54	27+	0	20	0	0	0	6.17	2.87	3.22	26	.0	0		6	3	2
August 1958 NORTHEAST DIVISION Wilson							53	26			0	0	0					.0	0				

DAILY PRECIPITATION

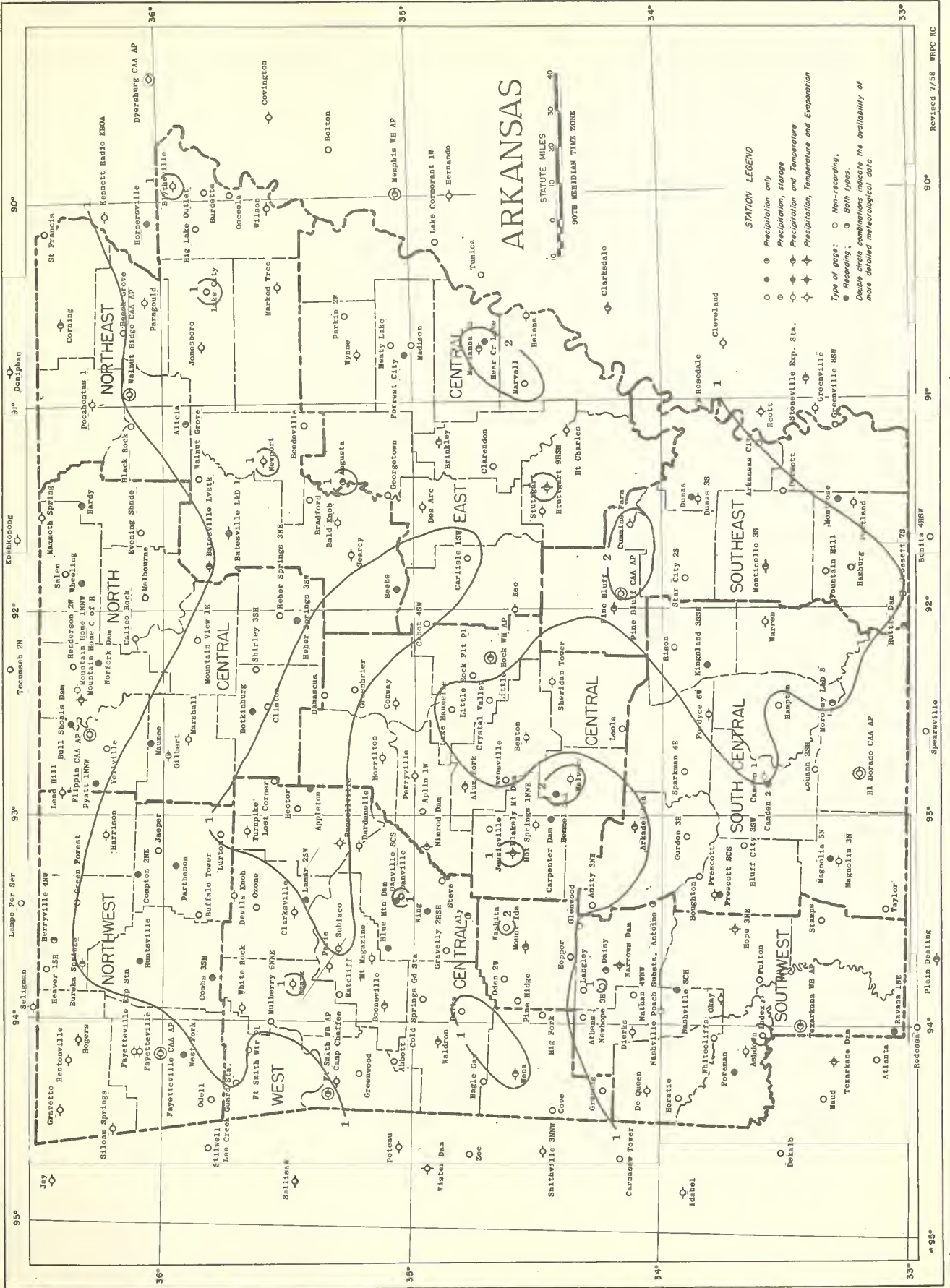
Station	Total	Day of month																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
May 1958 Newport	8.45	.49	2.15	2.35		.21	.42	T	2.36	.38	.06									T														.03	
June 1958 Prescott	6.17						.66		.02						.21	.49			.18	.06	.05	1.25				T	3.22	.03							
August 1858 Wilson	-	-	-	-	-	-	-																												
September 1958 Heber Springs 3 NE	7.97						.27	.01		1.08	.04				1.05	.66			.80	2.05	.26							1.80							.14

DAILY TEMPERATURES

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
May 1958 Newport	MAX MIN	63 51	73 61	80 62	79 62	76 62	64 44	68 48	67 56	67 52	62 58	79 52	87 58	84 61	81 58	85 64	88 66	86 62	85 63	85 67	83 57	84 60	86 63	86 65	86 65	89 70	87 63	84 64	84 66	85 57	81 60	92 64	80.2 60.0
June 1958 Prescott	MAX MIN	93 69	92 70	92 66	92 66	95 70	97 72	94 66	92 66	91 71	93 71	93 73	93 76	94 73	96 72	97 75	87 73	85 67	83 67	91 66	91 66	83 69	83 64	81 62	85 63	90 65	90 54	76 54	80 58	90 58	86 60	89.5 66.7	
August 1958 Wilson	MAX MIN	92 69	91 70	91 70											90 71	94 72	87 69	90 67	91 65	92 68	87 69	83 70	87 67	87 70	88 57	83 53	85 57	90 57	92 66	91 70			

TOTAL PRECIPITATION

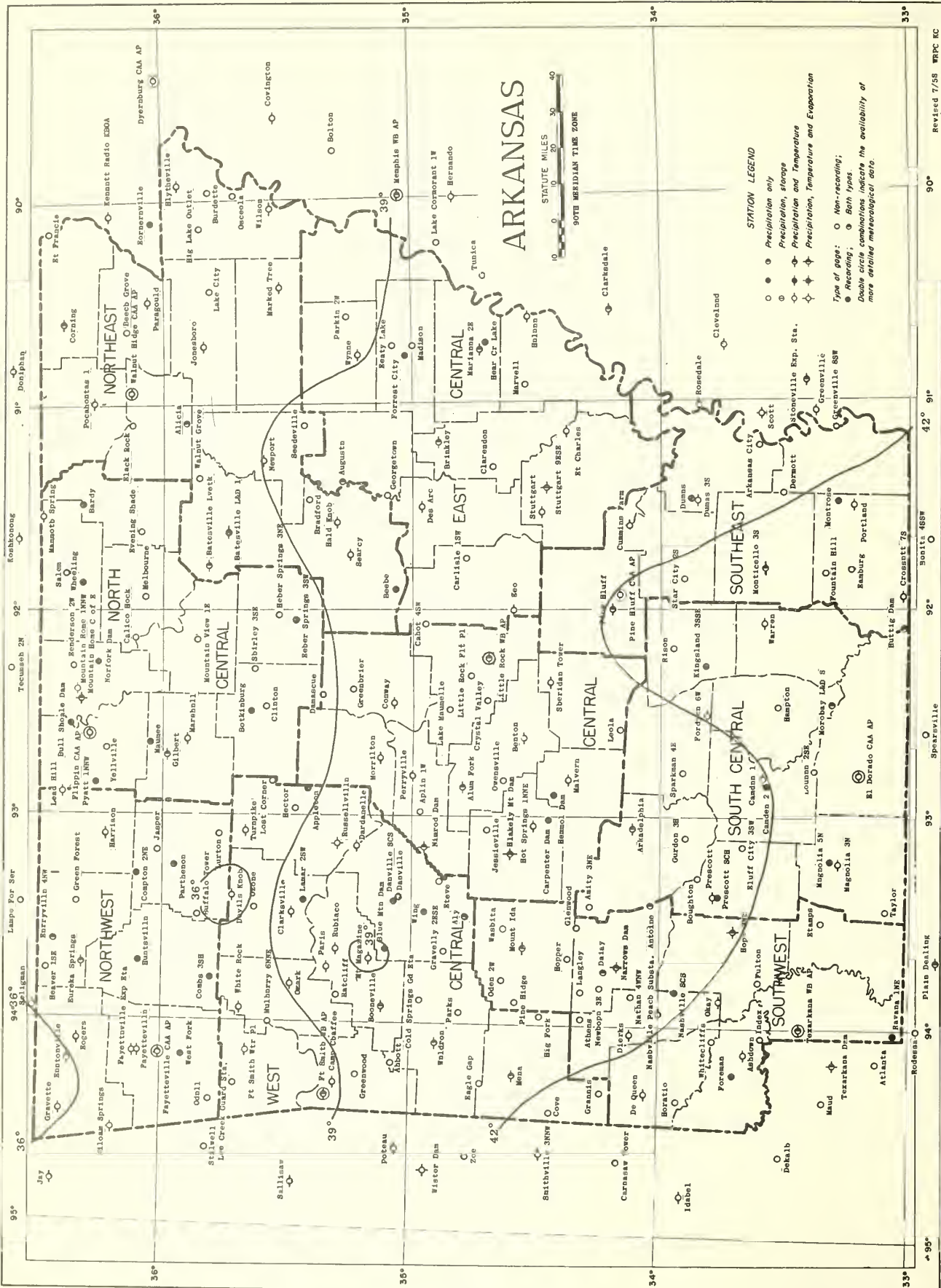
DECEMBER 1958



USC&GS-WASHINGTON
 ISOLINES ARE DRAWN THROUGH POINTS OF APPROXIMATELY EQUAL VALUES. HOURLY PRECIPITATION DATA FROM RECORDER SUBSTATIONS WILL BE AVAILABLE IN THE PUBLICATION "HOURLY PRECIPITATION DATA".
 Revised 7/58 WPC: KC

AVERAGE TEMPERATURE

DECEMBER 1958



USCOMA WPA-ASHVILLE

Isolines are drawn through points of approximately equal values.

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Figure and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA Stations. For those stations snow on ground values are at 0600 C.S.T.

In the Station Index the letters C, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes and are published later in "Hourly Precipitation Data" Bulletin.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

Other Reference Notes

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Daily Precipitation" Table, "Evaporation and Wind" Table, "Snowfall and Snow on Ground" Table; and the Station Index.
- + Add also on an earlier date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW and the MONTHLY CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in location, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

USCOMM-WB-Asheville -- 2-3-59 -- 925

CORRECTIONS

- October 1958: Arkadelphia, Climatological Data Table, total precipitation should be .40.
- Arkadelphia, Daily Precipitation Table, total precipitation should be .40.
- Marshall, Climatological Data Table, delete highest temperature and date.



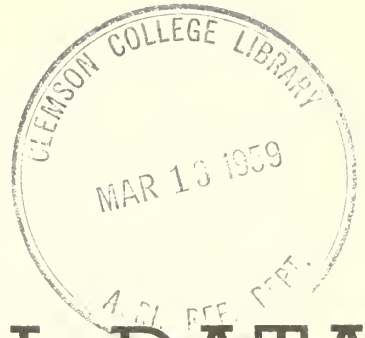
30 18/5:

U. S. DEPARTMENT OF COMMERCE

LEWIS L. STRAUSS, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief



CLIMATOLOGICAL DATA

ARKANSAS

ANNUAL SUMMARY 1958

Volume LXIII No. 13



AVERAGE TEMPERATURES AND DEPARTURES FROM LONG-TERM MEANS

ARKANSAS
1958

Table 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual				
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	
ALUM FORK	40.9		36.8		45.2		60.4		69.5		75.8		80.0		79.7		74.2		62.4		54.2		40.9		60.2		60.2		60.2
ARCADEPHIA	42.0		42.3		49.4		62.8		70.9		78.0		81.4		81.2		81.2		76.0		63.1		54.6		41.5		61.9		61.9
ASHMOON	42.7		42.6		48.7		62.8		72.1		79.1		82.6		82.6		82.6		76.4		66.0		55.4		41.5		62.7		62.7
BALD KNOB	37.7		35.7		44.2		59.9		68.4		75.1		79.0		78.0		78.0		71.7		60.4		52.1		38.2		58.4		58.4
BATESVILLE LIVESTOCK	35.4		32.8		41.7		58.3		66.5		74.1		78.4		78.4		78.4		72.4		59.7		52.3		35.7		57.1		57.1
BATESVILLE L AND O 1	36.9		34.8		43.2		59.3		67.9		75.3		79.6		78.4		78.4		72.8		60.1		53.1		35.3		58.3		58.3
BENTON	35.4		38.5		45.8		59.8		68.2		75.5		78.8		78.3		78.3		69.6		60.1		53.1		40.0		56.0		56.0
BENTONVILLE	35.7		32.8		39.3		57.0		67.1		73.8		76.8		76.4		76.4		69.6		60.1		53.0		38.8		56.0		56.0
BLAKEY MOUNTAIN OAM	39.7		39.0		45.9		60.2		68.3		76.6		79.9		79.0		79.0		71.8		61.0		53.0		38.8		56.0		56.0
BLYTEVILLE	36.4	- 4.1	32.5	-10.9	44.1	- 7.1	59.6	- 1.6	70.0	- 0.1	77.9	- 1.0	80.6	- 1.0	79.3	- 1.2	71.8	- 1.9	60.7	- 2.7	53.3		3.3	37.6	- 4.2	58.7	- 2.7	58.7	- 2.7
BOONEVILLE	39.9	- 2.3	39.6	- 5.8	45.9	- 6.8	61.3	- 1.0	70.4	- 0.9	76.8	- 1.5	80.9	- 1.7	80.3	- 1.9	75.2	- 0.1	59.5	- 4.9	53.0		4.1	40.1	- 3.7	56.0		56.0	
BRINKLEY	35.1	- 3.5	35.1	- 10.6	45.6	- 7.6	60.0	- 2.4	69.6	- 0.5	76.1	- 2.6	79.8	- 1.7	78.8	- 2.1	73.0	- 0.2	61.9	- 6.1	53.5		2.5	39.5	- 4.1	56.0		56.0	
CAMDEN 1	41.8	- 3.4	41.4	- 6.6	48.7	- 6.6	61.7	- 2.4	70.4	- 1.1	78.5	- 1.1	82.4	- 0.0	80.5	- 1.6	76.0	- 0.4	62.1	- 2.9	53.7		1.1	39.9	- 6.0	61.4	- 2.5	61.4	
CAMP CHAFFEE	37.4		36.7		44.4		59.9		68.6		76.8		80.7		80.0		80.0		74.8		61.0		52.1		37.1		59.6		59.6
CLARKSVILLE	39.0		36.1		45.0		60.9		69.6		76.7		80.0		80.0		80.0		74.8		61.7		52.7		39.6		59.6		59.6
CONWAY	39.5	- 3.6	38.4	- 7.8	45.7	- 7.9	61.2	- 1.8	69.4	- 0.8	76.1	- 2.8	80.6	- 2.1	79.5	- 2.8	74.0	- 1.6	61.2	- 3.5	53.8		2.3	39.7	- 4.3	59.9	- 3.1	59.9	
CORNING	36.1	- 3.1	32.1	- 9.4	43.8	- 6.9	56.6	- 0.8	69.2	- 0.5	76.6	- 1.2	80.6	- 0.7	79.5	- 0.5	74.1	- 0.2	63.5	- 1.2	51.7		3.1	37.1	- 3.1	58.3	- 1.9	58.3	
CROSSETT 7 S	41.2	- 3.5	41.9	- 7.3	51.0	- 5.1	62.4	- 1.4	71.4	- 0.4	78.0	- 0.9	81.4	- 0.0	79.8	- 1.6	76.5	- 0.5	63.6	- 2.1	55.4		1.8	43.1	- 4.0	62.3	- 1.9	62.3	
CUMMINS FARM	41.7		39.5		48.1		61.3		71.8		78.2		81.9		79.8		74.8		61.5		53.9		4.0	40.7		61.1		61.1	
ORDANVILLE	40.1	- 2.5	39.7	- 6.2	46.2	- 7.3	62.3	- 0.9	70.3	- 0.3	77.1	- 2.1	80.9	- 2.0	80.8	- 1.4	75.5	- 0.0	62.3	- 2.8	53.8		2.6	39.9	- 3.6	60.8	- 2.1	60.8	
DE QUEEN	42.4		42.2		50.1		62.2		71.6		78.8		82.5		79.6		76.2		64.2		54.9		4.3	42.2		62.2		62.2	
DES ARC	38.2		35.7		45.0		60.1		69.5		77.1		81.5		79.8		73.8		61.1		53.0		3.7	37.2		59.3		59.3	
DEVLIN KNOB	36.0		32.2		38.4		56.6		66.1		72.2		75.3		75.0		67.8		58.2		49.6		2.4	40.8		55.2		55.2	
DUMAS 1 ESE	42.1	- 3.7	39.1	- 7.0	48.5	- 6.9	62.8	- 1.1	72.5	- 0.7	78.2	- 2.2	81.4	- 1.8	78.7	- 2.9	76.1	- 0.0	63.0	- 2.4	55.8		2.4	40.9	- 5.4	61.6	- 2.7	61.6	
EL DORADO CAA AIRPORT	42.6	- 4.5	42.2	- 7.6	50.4	- 6.0	62.0	- 3.0	71.8	- 0.3	78.6	- 1.7	82.1	- 0.8	80.3	- 2.5	76.4	- 0.5	63.0	- 3.6	54.5		0.1	41.9	- 5.8	62.2	- 3.0	62.2	
EUREKA SPRINGS	37.2	- 1.8	33.1	- 9.2	39.8	-10.5	57.9	- 1.7	66.3	- 0.2	73.2	- 2.5	75.9	- 4.1	75.7	- 3.8	69.9	- 2.5	59.0	- 3.3	52.5		3.5	38.2	- 2.7	56.5	- 3.2	56.5	
FAYETTEVILLE	37.1		34.3		40.8		58.2		67.8		75.2		77.8		77.5		71.5		58.7		51.6		4.3	37.3		57.3		57.3	
FAYETTEVILLE CAA AP	37.2		36.1		44.2		59.3		66.0		73.2		76.8		75.9		75.9		69.9		49.3		3.1	37.1		56.6		56.6	
FAYETTEVILLE EXP STA	35.8	- 2.7	34.2	- 7.7	40.7	- 8.3	57.7	- 1.2	67.1	- 1.1	74.4	- 0.9	77.3	- 2.2	76.7	- 2.0	70.7	- 0.8	58.3	- 3.0	51.0		2.8	37.0	- 3.6	56.8	- 2.3	56.8	
FLIPPIN CAA AIRPORT	36.2		33.0		40.8		58.1		66.3		73.8		78.3		77.6		70.2		59.1		50.2		2.6	37.6		56.7		56.7	
FORDOYE 6 W	42.4		41.4		49.1		62.0		71.4		78.4		82.4		80.7		76.2		62.8		55.3		4.2	40.8		56.0		56.0	
FORT SMITH WB AIRPORT	38.6	- 1.4	38.0	- 6.6	45.0	- 7.3	60.7	- 1.9	70.7	- 1.1	77.9	- 0.4	81.9	- 0.4	80.7	- 1.4	75.0	- 0.0	62.2	- 1.7	52.9		2.4	38.1	- 4.4	60.1	- 1.9	60.1	
FT SMITH WATER PLANT	38.0		36.8		43.7		59.6		67.2		74.8		77.5		76.7		72.0		59.7		51.2		3.8	38.8		58.0		58.0	
GILBERT	37.2		35.1		41.7		59.4		66.8		74.8		78.0		77.9		71.5		59.9		51.8		3.9	38.6		57.7		57.7	
GRAVETTE	35.8	- 1.4	32.6	- 7.9	38.8	- 8.9	56.6	- 1.8	66.4	- 0.8	73.3	- 2.0	76.5	- 3.5	76.6	- 2.6	70.4	- 1.3	58.2	- 2.7	50.8		3.9	35.6	- 3.8	56.0	- 2.8	56.0	
HARRISON	36.7	- 1.7	33.8	- 7.6	40.2	- 8.7	57.7	- 1.1	66.4	- 0.1	74.1	- 1.5	77.8	- 2.0	76.8	- 1.9	70.3	- 0.8	58.6	- 1.7	51.6		4.0	37.3	- 2.7	56.8	- 2.1	56.8	
HELENA	40.1	- 3.9	37.7	- 8.8	47.3	- 6.6	62.1	- 0.5	72.1	- 1.6	77.9	- 0.9	81.6	- 0.1	80.9	- 0.1	75.8	- 0.7	63.9	- 1.1	55.9		3.5	40.8	- 4.2	61.3	- 1.7	61.3	
HOPE 3 NE	40.7	- 3.6	40.9	- 5.9	48.4	- 5.6	60.8	- 2.2	70.1	- 0.4	78.1	- 1.0	81.9	- 0.2	80.1	- 0.1	76.0	- 0.3	62.8	- 2.3	54.3		2.9	40.0	- 5.2	61.1	- 2.1	61.1	
HOT SPRINGS 1 NNE	42.1	- 2.1	41.0	- 6.5	48.0	- 6.8	62.3	- 1.9	71.7	- 0.6	78.6	- 1.1	82.4	- 0.6	81.3	- 1.8	76.2	- 0.2	63.4	- 2.9	56.3		3.5	41.7	- 3.9	62.1	- 2.0	62.1	
JONESBORO	37.7	- 3.1	34.0	- 9.5	44.7	- 6.7	61.0	- 0.2	70.4	- 1.0	78.1	- 0.3	81.4	- 0.1	80.3	- 0.3	73.3	- 0.4	61.5	- 1.6	54.2		4.3	38.4	- 3.4	59.6	- 1.7	59.6	
KED	39.8		38.6		46.3		61.0		70.6		76.9		80.8		79.2		73.3		60.9		53.6		4.5	39.3		60.0		60.0	
LEAD HILL	35.8	- 1.6	33.4	- 7.3	40.4	- 7.7	57.5	- 0.9	65.3	- 0.5	74.1	- 1.6	78.0	- 2.2	77.6	- 1.5	71.2	- 0.1	58.4	- 1.9	51.3		4.5	39.2		56.7	- 1.9	56.7	
LITTLE ROCK WB AIRPORT	40.5	- 1.3	38.9	- 6.7	46.6	- 6.2	61.6	- 0.9	71.5	- 1.7	77.5	- 1.0	81.9	- 0.0	81.2	- 0.1	74.8	- 0.0	63.2	- 0.9	54.7		3.2	40.4	- 3.5	61.0	- 1.4	61.0	
MAGNOLIA 3 N	42.4	- 5.6	42.3	- 8.1	50.1	- 7.1	61.5	- 3.7	71.5	- 0.6	79.0	- 1.0	82.7	- 0.0	80.4	- 2.3	76.2	- 0.9	62.0	- 5.2	54.5		- 0.3	42.7	- 6.0	62.1	- 3.4	62.1	
MALVERN	40.6		40.7		48.0		61.7		69.9		76.1		79.8																

TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

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Table 2

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual			
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure		
ABBOTT	1.48		1.36		4.66		4.22		8.81		10.00		4.50		2.94		3.58		2.69		2.73		1.45		E 4.82		1.45	
ALICIA	2.87		2.48		6.28		3.49		5.20		3.33		8.59		3.67		4.93		.82		6.71		1.05		E 49.42		49.42	
ALUM FORK	3.70		1.05		5.90		7.17		8.38		7.59		3.57		4.79		5.91		2.45		6.24		1.17		E 57.92		57.92	
ALY	2.95		1.45		6.19		7.76		10.19		6.76		8.30		1.83		3.85		2.78		7.59		1.05		E 60.70		60.70	
ANITY 3 NE	3.89		1.52		5.82		8.09		11.53		6.24		5.61		1.69		6.84		3.51		6.07		1.38		E 64.19		64.19	
ANTOINE	3.74		1.17		3.70		7.13		10.52		6.38		5.11		2.93		8.32		.45		5.46		.44		E 53.75		53.75	
APLIN 1 W	2.85		1.18		6.17		6.63		6.55		6.41		4.75		3.34		5.94		1.68		8.17		1.08		E 54.75		54.75	
ARCADE CITY	3.40	-2.12	1.99	-2.33	4.78	2.08	8.56	3.12	12.95	7.89	6.80	3.26	3.35	-5.3	3.91	6.43	5.60	4.0	-3.04	5.05	.68	1.31	-3.38	60.43	12.38	60.43	12.38	
ARKANSAS CITY	4.87	-1.53	3.30	-1.55	4.93	-1.61	9.67	4.75	8.89	4.47	6.61	3.39	5.89	2.54	-1.0	15.93	13.09	1.41	-1.34	5.73	1.46	.84	-4.53	74.38	21.38	74.38	21.38	
ASHMOON	4.61		.95		5.40		11.39		5.28		3.59		2.92		7.19		6.84		1.30		5.64		.75		E 55.86		55.86	
ATHENS	3.15		1.46		5.98		5.73		7.31		6.35		4.21		4.67		6.52		4.70		6.52		.83		E 52.94		52.94	
AUGUSTA	4.25		1.12		5.59		5.24		7.84		5.87		4.79		2.00		4.02		4.70		6.52		.93		E 53.75		53.75	
BALO KNOB	3.07		2.17		5.63		5.35		9.24		4.96		6.67		1.87		6.30		.82		5.87		1.96		E 53.91		53.91	
BATESVILLE LIVESTOCK	1.69		2.27		7.20		3.57		6.59		6.90		4.56		1.53		6.77		.93		6.87		.90		E 49.78		49.78	
BATESVILLE L AND D 1	2.72	-1.81	2.12	-1.89	7.15	2.32	3.26	-1.13	5.62	.69	5.74	1.67	5.50	1.79	2.71	-1.68	5.36	2.20	.53	-2.82	6.16	2.27	1.12	-2.97	47.99		47.99	-3.6
BEATY LAKE	3.42		2.81		5.77		6.75		7.69		3.98		6.69		3.19		11.40		1.36		6.88		1.41		E 61.35		61.35	
BEAVER 1 SE	.94		2.22		7.25		3.79		6.89		8.28		9.95		3.27		5.26		.72		4.89		.91		E 54.37		54.37	
BEECH GROVE	3.30		2.79		7.13		3.77		4.53		1.71		7.72		2.36		3.73		.42		4.74		.75		E 42.95		42.95	
BEOEVILLE	4.19		1.54		6.38		6.85		7.29		4.46		5.30		1.58		4.93		.76		5.65		1.47		E 48.45		48.45	
BENTON	4.11		1.11		5.17		6.59		7.60		6.65		2.61		3.96		9.84		2.19		5.00		.93		E 55.76		55.76	
BENTONVILLE	1.16		2.33		5.92		3.87		3.40		6.82		10.08		1.58		5.19		.56		4.03		.84		E 45.78		45.78	
BERRYVILLE 4 NW	.86		1.52		7.20		4.31		7.32		7.69		11.27		3.99		5.64		1.06		5.05		.97		E 56.88		56.88	
BIG FORK	3.10		1.86		6.78		6.82		8.82		7.66		7.82		5.84		5.84		1.06		7.05		.84		E 63.27		63.27	
BIG LAKE OUTLET	3.99	-1.38	2.30	-1.84	5.24	-2.0	5.60	1.60	6.32	2.43	2.41	-5.1	10.66	7.79	1.15	-1.59	5.8	3.85	1.15	-1.91	6.04	2.50	1.11	-3.33	52.85	7.41	52.85	7.41
BLACK ROCK	2.46	-1.57	1.37	-2.43	6.75	2.24	3.56	-4.66	5.99	1.56	4.58	.87	6.64	3.37	4.57	1.55	7.36	4.45	.77	-2.54	5.47	1.40	.61	-3.29	50.13	4.95	50.13	4.95
BLAKELY MOUNTAIN OAM	3.53		1.12		5.42		6.61		7.51		5.63		6.66		3.13		6.57		4.82		7.24		.75		E 56.90		56.90	
BLUFF CITY 3 SW	4.02		1.31		4.15		10.97		7.08		4.65		6.66		3.18		4.82		1.75		2.44		.52		E 51.03		51.03	
BLYTHEVILLE	4.00	-1.47	3.13	-.95	6.90	1.56	4.21	.32	6.45	2.66	4.44	-.68	6.06	2.33	1.32	-1.95	7.09	3.93	1.01	-1.84	5.74	2.19	.93	-3.45	49.28	2.65	49.28	2.65
BOONEVILLE	1.81	-1.84	1.64	-1.88	4.53	.35	4.12	-.42	9.32	3.97	8.23	3.95	5.52	2.61	2.05	-1.41	2.59	-.83	2.62	-.52	4.90	1.59	1.12	-2.04	48.45	3.53	48.45	3.53
BOUGHTON	3.98		.94		4.66		9.71		5.44		6.89		2.50		4.10		6.24		1.41		4.82		.76		E 51.45		51.45	
BROADFORD	3.44		1.54		6.18		5.17		8.04		5.17		8.50		1.99		5.72		1.30		6.18		1.38		E 54.61		54.61	
BRINKLEY	3.57	-2.08	1.88	-2.92	5.23	-.06	7.17	2.62	4.40	-.20	5.61	2.25	5.07	1.34	1.49	-1.33	12.65	9.72	1.18	-1.78	5.26	1.09	1.71	-3.09	55.21	5.56	55.21	5.56
BUFFALO TOWER	1.07		1.96		6.98		4.20		6.19		6.20		9.47		4.81		8.03		1.08		8.49		1.72		E 60.30		60.30	
BURDETTE	4.27		3.54		6.72		6.71		6.71		4.21		7.53		.83		10.10		.93		6.20		1.39		E 58.38		58.38	
CADOT 4 W	2.99		1.19		6.93		6.98		6.98		7.67		2.19		2.62		5.47		1.27		5.65		.84		E 48.44		48.44	
CALICO ROCK	1.62	-2.25	1.60	-1.79	5.95	1.75	2.53	-1.63	6.08	.85	6.26	2.04	2.89	-.52	6.06	2.75	6.68	3.70	.61	-2.85	8.75	5.13	.83	-2.36	49.86	4.82	49.86	4.82
CANDLER	4.01	-1.18	1.98	-2.46	4.01	-1.26	8.91	4.08	7.09	2.60	7.37	4.44	4.67	.03	4.27	1.68	10.08	7.45	.97	-1.99	3.72	-1.47	1.52	-3.76	48.60	8.16	48.60	8.16
CAMP CHARLIE	1.36		1.31		5.18		4.71		6.78		9.16		7.67		3.54		3.54		1.23		3.85		1.05		E 51.88		51.88	
CAMP CHAPPEL 1 SW	3.74		1.05		4.53		5.78		4.09		6.67		3.10		2.88		5.05		1.81		4.66		.76		E 44.12		44.12	
CLARENOON	3.55	-2.04	1.77	-2.95	4.14	-1.06	5.49	1.12	5.19	.77	7.98	4.39	5.82	1.93	2.71	.06	6.27	3.69	1.93	-.92	5.50	1.18	1.09	-3.55	51.44	2.62	51.44	2.62
CLARKSVILLE	2.02		2.24		6.45		4.92		8.98		5.29		6.82		2.85		2.30		2.49		6.32		1.28		E 51.96		51.96	
CLINTON	3.13		1.69		7.16		5.38		6.48		5.37		5.46		2.36		6.07		1.06		8.78		1.03		E 53.97		53.97	
COLO SPRINGS GUARD STA	4.15		2.85		5.85		5.85		5.85		5.37		5.46		2.36		6.07		1.06		8.78		1.03		E 53.97		53.97	
CONWAY	2.83	-2.04	.92	-3.65	6.64	1.43	5.37	-.06	8.07	2.34	6.59	2.90	6.15	2.41	3.21	.38	4.30	1.13	1.29	-2.09	5.76	1.42	1.24	-3.36	52.37	.81	52.37	.81
CORNING	2.80	-1.66	1.86	-2.16	6.35	1.53	3.58	-.60	4.54	-.39	2.15	-1.72	9.56	5.52	5.28	2.29	4.90	1.82	.69	-2.89	6.01	2.44	.64	-3.09	48.36	1.09	48.36	1.09
COVE	3.53		1.68		5.94		6.28		6.85		6.18		5.25		5.51		4.44		3.79		9.83		1.51		E 60.69		60.69	
CROSSETT 7 S	3.95	-2.54	4.11	-.65	3.88	-1.69	11.71	11.84	8.93	4.70	4.12	.89	4.60	-.62	3.78	.63	13.76	11.48	.58	-2.08	2.71	-1.34	1.13	-4.84	68.26	15.78	68.26	15.78
CRYSTAL VALLEY 2 NE	4.13		1.26		5.05		6.78		7.75		9.27		5.89		2.29		5.15		.79		6.54		.					

TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

ARKANSAS
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Table 2--Continued

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual		
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	
LURTON	1.30	2.95	7.09	3.62	6.26	4.77	7.70	4.27	3.51	3.86	9.75	5.66	1.90	55.98													
MADISON	3.20	2.48	4.33	6.05	7.53	3.64	6.43	5.77	7.46	1.87	7.56	75.6	1.02	75.6													
MAGNOLIA 3 N	4.07	+ 81	1.62	-2.86	3.99	+ 44	16.52	11.61	5.40	8.91	5.97	2.68	-1.60	4.12	1.73	5.52	3.35	.51	-2.11	3.83	+ .92	7.22	-4.63	57.89			
MALVERN	4.13	1.02	5.60	8.06	11.04	5.40	6.11	3.61	3.64	9.45	1.31	3.64	2.75	9.45													
MAMMOTH SPRING	1.96	1.67	7.25	2.23	8.38	3.53	8.60	4.30	6.12	4.30	6.12	4.30															
MARIANNA 2 S	3.25	-2.46	3.00	-1.54	3.76	-1.39	7.04	+ 2.69	6.82	2.71	4.47	+ 1.48	7.55	3.99	1.46	-1.49	8.09	5.64	1.18	-1.77	5.37	1.47	2.38	-2.36	54.37	6.97	
MARKED TREE	4.43	-1.24	2.74	-1.59	5.79	+ .09	4.61	- .32	8.11	3.77	3.13	- .49	5.35	1.49	3.28	.21	7.33	4.37	1.52	-1.51	6.24	2.25	1.04	-3.33	53.57	3.70	
MARSHALL	1.18	2.45	6.22	1.99	3.88	5.54	6.50	2.76	4.09	1.99	6.74	4.74	2.76	4.09													
MATWELL	3.18	3.03	6.52	7.97	8.85	7.21	4.60	4.89	7.56	1.25	4.93	4.89	4.89	4.89													
MELBOURNE	2.38	1.86	7.11	4.18	6.62	5.26	2.76	4.53	3.91	1.45	4.53	3.91															
MENA	2.48	-2.32	1.88	-2.61	5.90	1.18	6.74	1.32	7.47	1.10	7.81	3.22	3.47	- .71	2.95	- .95	4.65	.26	4.63	.79	9.75	5.87	.98	-3.01	58.71	4.14	
MONTICELLO 3 S	4.04	2.90	3.96	10.11	9.52	10.50	5.77	3.51	17.22	1.12	1.12	1.12															
MOROBAY LOCK AND DAM	4.89	2.60	4.13	17.14	8.71	7.57	4.74	1.98	6.06	.54	4.58																
MORRILTON	2.83	-1.53	1.57	-2.37	7.00	2.22	5.22	4.6	7.46	2.35	4.97	1.23	3.36	1.46	3.88	1.15	5.38	2.47	1.02	-1.99	7.51	3.67	1.86	-2.13	53.06	6.99	
MOUNT IDA	2.96	-1.75	1.45	-2.83	6.27	1.10	5.63	.11	7.18	1.26	7.04	3.56	3.39	-1.04	2.50	-1.08	4.18	3.59	5.51	1.93	7.02	2.73	1.32	-3.30	54.45	1.08	
MOUNT MAGAZINE	3.15	2.70	7.91	6.53	6.74	10.65	5.86	2.53	3.00																		
MOUNTAIN HOME 1 NNW	1.14	-1.94	2.04	-1.29	7.46	3.67	2.92	-1.24	8.47	3.54	5.79	1.41	5.85	2.96	3.33	.39	6.67	3.87	1.44	-1.46E	7.24	3.96	.47	-2.57E	52.82	11.30	
MOUNTAIN VIEW C OF ENG	1.28	1.55	7.03	3.11	9.34	6.40	5.09	3.00	8.14	.79	9.20																
MOUNTAIN VIEW 1 E	2.45	2.42	7.03	3.17	5.82	6.26	6.80	3.40	7.84	.69	7.00																
MULBERRY 6 NNE	1.64	2.25	6.83	3.24	9.26	4.21	11.57	3.04	3.45	1.99	7.27																
NARROWS DAM	3.68	1.28	5.82	7.86	14.57	8.91	6.93	3.36	7.96	4.09	5.28																
NASHVILLE PEACH SUBSTA	4.05	1.32	5.97	6.69	10.11	8.33	4.42	4.99	7.03	2.81	5.50																
NATHAN 4 NNW	3.25	1.39	6.00	7.41	9.28	6.66	4.73	2.52	7.04	3.81	4.94																
NEWHOPE 3 E	2.60	1.53	6.34	7.91	11.25	5.01	4.99	2.42	8.18	4.14	6.53																
NEWPORT	3.15	-1.88	1.24	-2.81	6.82	1.63	5.81	1.20	8.45	3.78	5.76	1.89	6.03	2.60	3.07	-.24	5.09	2.26	1.80	-1.76	6.35	2.45	.69	-3.67	54.26	5.45	
NIMROD DAM	2.75	1.30	5.79	7.29	7.71	7.69	5.73	1.98	4.52	1.43	7.83																
NOEL 3 N	.96	2.65	5.26	2.69	6.05	7.41	10.02	5.69	2.69	1.34	4.68																
ODEN 2 W	2.52	1.38	6.17	6.49	7.40	8.21	4.85	2.44	3.93	5.28	7.38																
OKAY	4.06	+ .66	1.00	-3.01	5.76	.94	9.52	4.68	4.55	-.92	2.69	1.53	2.97	-1.12	8.13	8.26	7.46	4.16	.62	-2.70	6.87	2.56	.70	-3.67	56.33	7.07	
OSCEOLA	3.35	3.67	5.64	6.32	5.42	4.69	5.14	4.16	6.22	2.40	6.13																
OWENSVILLE	3.50	1.16	6.27	6.23	9.79	9.20	3.98	3.22	9.11	2.25	4.60																
OZARK	1.98	-1.74	1.96	-1.99	5.84	1.94	4.77	.22	7.84	2.30	5.39	1.38	8.79	5.69	2.27	-.95	2.81	-.56	2.13	-1.19	5.09	1.94	.91	-2.11	49.78	4.11	
ODZNE	1.88	3.50	8.49	5.66	6.74	4.41	9.08	5.03	2.83	2.76	9.52																
PARAGOULD RADIO KDPS	4.14	2.54	6.33	4.28	5.48	6.24	7.67	2.24	5.16	1.47	5.16																
PARIS	2.50	1.62	5.10	6.37	7.73	6.52	6.76	2.30	6.23	1.66	5.25																
PARKIN 2 W	3.45	-2.17	2.50	-2.01	5.79	.09	5.99	1.43	7.61	3.37	2.61	-1.00	7.69	4.40	1.25	-1.91	8.44	5.68	1.36	-1.86	6.39	2.36	1.11	-3.58	54.19	4.00	
PARIS	2.61	2.00	6.14	6.54	8.20	7.26	4.36	3.78	6.21	3.60	4.21																
PERRYVILLE	3.05	-1.31	4.65	-2.88	7.68	2.85E	6.56	1.41	8.63	3.22	7.29	3.05	3.81	.08	3.55	.03	4.53	1.25	1.05	-2.05	5.41	1.33E	.88	-3.02	52.59	3.96	
PINE BLUFF	3.67	-2.13	2.24	-2.58	4.57	-.99	7.92	2.72	14.52	9.57	5.45	2.44	4.60	.57	2.58	.08	7.69	4.85	2.44	-.71	4.72	.22	1.28	-3.71	61.68	10.33	
PINE BLUFF CAA AIRPORT	4.18	2.10	4.53	8.41	10.27	4.92	5.35	4.91	8.67	4.86																	
PINE RIDGE	2.78	-1.88	1.40	-3.06	6.29	1.36	7.10	1.85	6.32	.33	8.37	4.49	5.51	1.54	3.54	-.01	3.97	.20	5.35	1.76	7.72	3.68	1.02	-3.04	59.37	7.22	
POCAHONTAS 1	2.64	-1.68	4.79	.90	5.84	1.02	4.14	-.31	5.46	.72	1.25	-2.65	9.11	5.76	4.72	1.67	3.96	1.13	.35	-3.14	5.56	1.62	.67	-3.13	48.49	1.91	
PORTLAND	3.94	-2.03	2.81	-1.98	5.23	-.34	12.08	8.15	8.40	4.59	7.94	4.87	3.86	-.23	3.22	.63	14.75	12.43	1.30	-1.40	2.63	-1.53	.78	-4.46	67.74	18.70	
PRESCOTT	4.02	-1.65	1.11	-3.44	4.44	-.69	10.71	5.59	5.24	.05	6.17	2.87	3.83	-.92	3.20	.40	5.53	2.72	1.99	-1.29	4.49	.04	.68	-3.87	51.41	1.19	
RATCLIFF	2.22	1.33	4.39	3.72	2.98	4.89	5.01	7.8	5.08																		
RISON	3.67	1.37	3.42	8.33	15.13	5.27	3.28	6.45	7.35	1.42	4.16																
ROGERS	1.98	-1.71	2.01	-1.05	4.85	1.17	4.10	- .41	5.18	-.80	6.56	1.18	9.17	5.52	1.39	-2.58	4.21	-.65	1.63	-3.37	4.80	1.65	.93	-1.63	60.81	2.68	
RUSSELLVILLE	1.76	2.43	6.87	5.65	7.75	8.27	5.18	1.55	6.76	1.87	6.97																
SAINT CHARLES	3.96	2.27	4.52	10.33	9.42	6.10	9.11	2.43	6.98	2.21	6.12																
SAINT FRANCIS	3.70	-1.31	2.07	-2.18	6.68	1.30	3.55	-.88	5.59	1.47	2.17	-1.80	5.85	2.15	1.36	-2.04	6.17	2.66	.52	-2.68	5.01	1.08	.68	-3.59	43.15	5.82	
SALEM	1.99	1.62	7.36	3.62	5.17	3.56	5.11	2.70	6.40	.35	9.50																

TEMPERATURE EXTREMES AND FREEZE DATA

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Table 3

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates				
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.							
ALUM FORK	98	8-3	7	12-15	2-17	14	2-19	20	3-20	21	3-20	21	3-20	21	11-7	31	11-28	28	11-29	22	12-13	19	12-14	13	300	297	254	253	232
ARCADEPHIA	97	8-15+10	10	12-15	2-13	16	2-16	20	3-19	24	3-20	27	3-20	27	11-20	31	11-29	23	11-29	23	12-14	12	12-14	12	300	301	283	254	245
ASHOWN	102	8-13	12	2-13	2-13	12	2-18	18	2-18	18	3-20	27	3-20	27	11-7	31	11-29	22	11-29	22	12-14	20	NONE	299	299	284	254	232	
BALO KNOB	97	8-19	2	12-15	2-20	16	2-20	16	3-1	24	3-21	27	3-21	27	11-7	26	11-7	26	11-29	19	12-14	4	297	282	273	231	231		
BATESVILLE LIVESTOCK	100	8-30	2	12-15+	2-20	12	2-20	12	3-21	22	3-21	22	4-8	32	10-2	31	11-7	24	11-7	24	11-29	16	11-29	16	282	282	231	231	177
BATESVILLE L AND O NO 1	97	8-29+	2	12-15	2-20	10	2-20	10	3-21	21	3-21	21	4-12	32	10-27	28	10-27	28	11-7	22	11-29	13	11-29	13	282	282	231	220	198
BENTON	96	6-14	0	12-15	2-17	15	2-20	17	3-20	21	3-20	21	4-8	31	10-27	28	10-27	28	11-7	22	11-29	13	11-29	13	280	291	251	251	231
BENTONVILLE	97	8-15	0	12-15	2-17	12	3-4	20	3-19	22	3-28	25	3-31	31	10-1	32	10-27	27	11-28	20	12-7	14	293	269	254	213	184		
BLAKLEY MOUNTAIN OAM	99	6-15	4	12-15	2-14	15	2-19	20	2-20	22	3-20	25	3-21	30	11-7	31	11-29	24	11-29	24	12-11	20	12-14	7	303	295	282	254	231
BLYTTEVILLE	99	6-14	-3	2-17	2-20	12	2-20	12	2-21	24	3-18	28	4-8	32	11-7	32	11-27	28	11-29	23	12-7	19	12-14	13	297	290	281	254	213
BOONEVILLE	100	6-14	3	12-15	2-16	14	2-17	20	3-20	24	3-20	24	3-20	24	10-27	31	11-7	27	11-29	17	12-11	11	12-14	11	298	285	254	232	221
BRINKLEY	97	6-5	5	12-15	2-19	15	2-20	17	2-20	17	3-18	28	4-8	32	11-7	27	11-7	27	11-29	21	12-11	20	12-14	7	298	294	282	234	213
CAHOEN I	97	8-13+	10	12-16	2-14	16	2-17	20	2-20	23	2-20	23	3-21	30	11-7	31	11-29	24	11-29	24	12-14	14	12-14	14	303	300	282	282	231
CAMP CHAFFEE	98	6-14	-2	12-15	2-17	16	2-17	16	3-20	24	3-20	24	3-28	32	10-28	32	11-7	28	11-29	20	11-29	20	12-14	3	300	285	254	232	214
CLARKSVILLE	99	8-29	5	12-15	2-16	14	2-19	20	3-20	23	3-20	23	3-20	23	10-27	32	11-19	28	11-29	18	12-11	18	12-14	7	301	283	254	244	221
CONWAY	96	7-29+	3	12-15	2-17	14	2-19	18	2-20	22	3-20	28	3-20	28	11-7	27	11-7	27	11-29	21	12-11	19	12-14	8	300	295	282	232	232
CORNING	100	6-5	-1	2-17	2-20	12	2-20	12	3-18	24	3-21	27	3-21	27	10-29	32	11-7	28	11-28	23	11-29	15	11-29	15	282	282	255	231	222
CROSSETT 7 S	97	7-29	11	12-15	2-18	15	2-19	20	2-19	20	2-19	20	2-19	20	11-7	31	11-29	23	11-29	23	12-9	20	12-14	14	299	293	283	254	213
CUMMINS FARM	98	6-15	2	12-15	2-17	13	2-17	13	2-19	24	2-20	26	4-8	32	11-7	30	11-29	21	11-29	21	12-11	20	12-15	2	301	297	283	282	213
GARONNELLE	101	8-29	5	12-15	2-16	15	2-17	18	2-19	21	3-20	26	3-20	26	11-7	28	11-7	28	11-29	21	12-11	20	12-14	7	301	297	283	232	232
OE QUEEN	101	8-12	13	12-15+	2-13	13	2-18	19	2-18	19	3-20	27	3-20	27	11-19	30	11-29	22	11-29	22	12-11	20	12-14	15	304	296	284	254	244
OES ARC	97	7-20+	6	12-15	2-18	11	2-20	20	2-20	20	2-23	28	3-21	31	11-7	28	11-7	28	11-29	22	12-11	18	12-14	8	299	294	282	257	231
OEVLIS KNOB	91	8-29+	2	12-15+	2-18	16	3-1	20	3-19	23	3-20	27	4-7	32	11-18	28	11-18	28	11-27	24	11-28	20	12-6	15	291	272	253	243	225
OMAS 1 ESE	97	7-29	7	12-15	2-17	15	2-20	20	2-20	20	2-20	20	3-20	30	11-7	29	11-29	22	11-29	22	12-13	19	12-14	9	300	296	282	282	232
QUEEN OAK CAA AIRPORT	98	8-7	12	12-15	2-13	14	2-18	20	2-18	20	3-20	28	3-20	28	11-7	32	11-28	28	11-29	22	12-13	19	12-14	15	304	298	284	253	232
EUREKA SPRINGS	93	8-29+	1	12-15	2-19	12	3-3	19	3-19	22	3-21	28	3-31	32	10-2	32	11-18	27	11-26	24	11-29	20	12-6	16	290	271	252	242	185
FAYETTEVILLE	95	8-29	3	12-14	2-17	14	3-1	14	3-4	23	3-28	28	3-28	28	10-27	30	11-26	26	11-28	22	12-6	19	12-13	12	299	292	269	243	213
FAYETTEVILLE CAA AIRPORT	94	8-13	-2	12-15+	2-17	15	3-3	18	3-20	22	3-28	26	4-12	32	10-2	32	11-26	26	11-28	22	12-6	19	12-13	16	295	270	253	213	173
FAYETTEVILLE EXP STA	93	8-29+	-3	12-14	2-17	14	3-1	14	3-4	23	3-28	28	3-28	28	10-27	26	10-27	26	11-28	21	11-29	16	12-14	15	293	271	269	213	213
FLIPPIN CAA AIRPORT	97	8-29+	4	12-15	2-20	15	2-20	15	3-21	22	3-28	27	4-8	32	10-27	29	11-7	23	11-7	23	11-28	15	11-28	15	281	281	231	224	202
FOROYCE 6 W	-	-	9	12-15	2-13	15	2-18	20	2-19	23	-	-	-	-	11-27	31	11-29	21	11-29	21	12-14	14	12-14	14	304	299	283	-	-
FT SMITH WB AIRPORT	97	7-30+	4	12-15	2-16	15	2-16	15	2-18	24	3-20	27	3-20	27	11-19	30	11-28	26	11-29	22	12-13	10	12-13	10	300	300	284	253	244
FT SMITH WATER PLANT	95	6-14+	3	12-15+	2-16	10	3-19	20	3-20	21	3-20	21	3-31	32	10-27	30	11-7	26	11-29	17	11-29	17	12-14	3	302	283	254	232	210
GILBERT	95	8-29	-2	12-15+	3-3	16	3-20	20	3-21	20	4-8	28	4-12	30	10-27	29	11-6	27	11-7	22	11-29	6	11-29	6	281	253	231	212	198
GRAVETTE	95	8-29	-4	12-15+	3-3	16	3-20	20	3-21	24	3-28	25	4-12	30	10-2	32	10-27	23	10-27	23	11-28	20	11-29	13	271	253	220	213	173
HARRISON	96	8-29	-1	12-15	2-19	12	3-18	20	3-21	23	4-8	28	4-12	31	10-2	32	10-27	27	11-28	23	11-29	10	11-29	10	283	256	252	202	173
HELENA	97	6-14+	11	2-17+	2-18	15	2-20	19	2-20	19	2-21	28	3-20	32	11-27	31	11-29	24	11-29	24	12-13	20	12-14	13	299	296	282	281	252
HOPE 3 NE	97	8-13+	11	12-15	2-13	15	2-18	20	2-19	24	2-20	26	3-20	29	11-7	32	11-27	28	11-29	22	12-11	18	12-14	12	304	296	283	280	232
HOT SPRINGS 1 NNE	100	7-18	9	12-15	2-16	16	2-17	17	2-19	23	2-20	27	3-20	30	11-27	30	11-29	26	12-7	23	12-13	20	12-14	12	301	299	291	282	252
JONESBORO	99	6-14	2	2-16	2-20	13	2-20	13	2-20	13	3-18	26	3-21	29	11-7	31	11-27	28	11-29	22	12-7	19	12-14	12	297	290	282	254	231
KEO	98	7-18	4	12-15	2-17	15	2-19	20	2-20	22	3-20	28	3-20	28	10-2	32	11-7	27	11-29	21	12-8	20	12-14	7	300	292	282	232	232
LEAO HILL	98	8-29+	-1	12-15	2-20	12	3-18	19	3-20	21	4-8	28	5-7	32	10-2	31	10-27	25	11-7	21	-	-	11-29	7	280	-	232	202	148
LITTLE ROCK WB AIRPORT	97																												

TOTAL EVAPORATION AND WIND MOVEMENT

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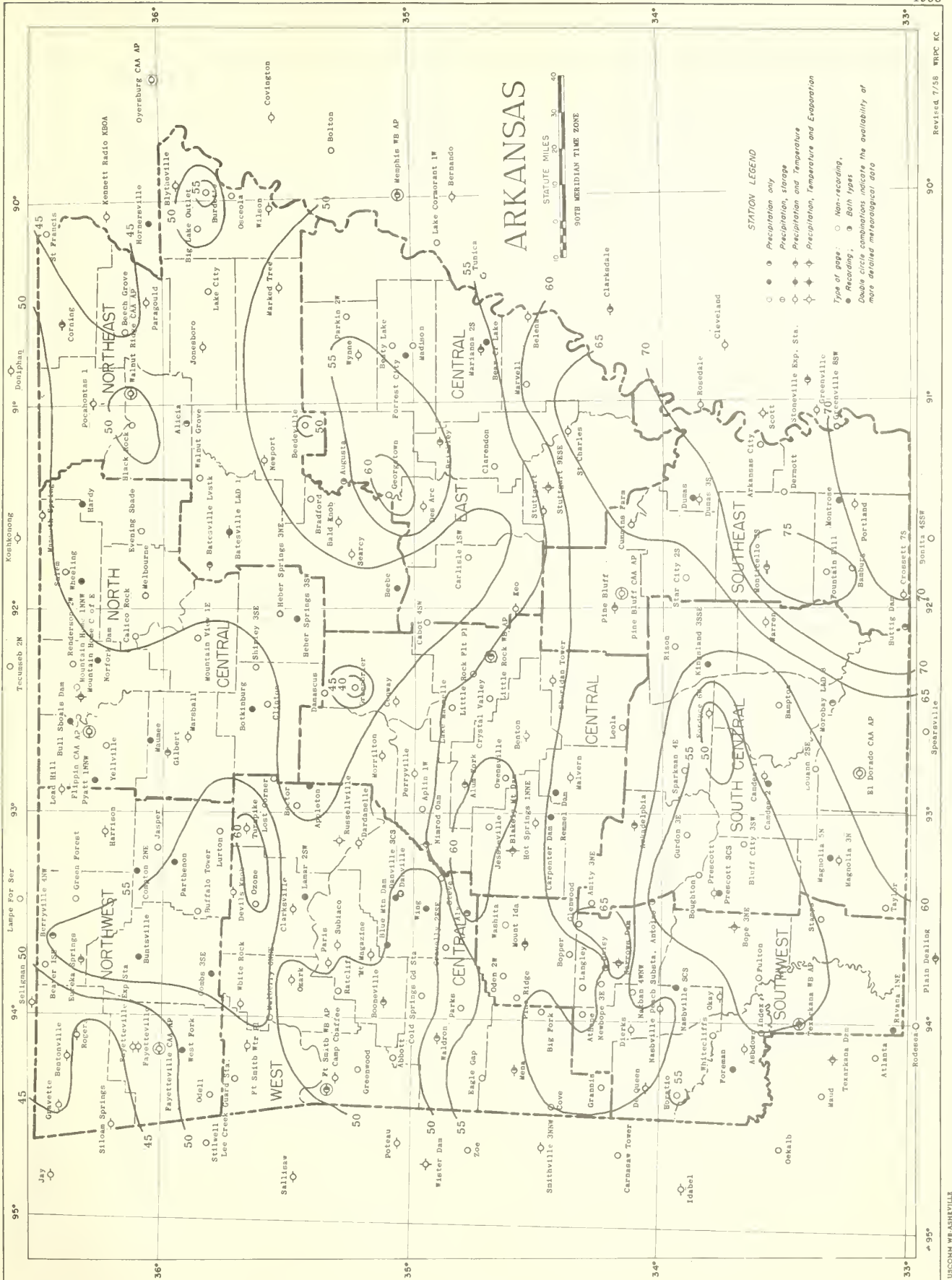
Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Blakely Mountain Dam	EVAP	1.28	1.71	2.34	3.92B	4.78B	6.03B	5.61	5.46	4.21B	2.76B	2.12B	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	1100	1130	1280	1063	618	779	642	531	606	541	721	-	-
Bope 3 NE	EVAP	1.68B	3.03B	-	-	5.83B	7.54B	7.18B	6.08B	4.32B	3.22B	2.70B	1.65B	-
	DEP	-0.66	+0.37	-	-	-0.58	+0.44	-0.45	-1.55	-1.65	-1.46	+0.03	-0.32	-
	WIND	1219	1460	-	-	755	889	920	509	425	554	776	793	-
Mountain Bome C of Eng	EVAP	-	-	-	4.68B	5.95	6.74	6.21	6.31B	4.39	3.34	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	1236	595	832	703	482	452	536	-	-	-
Narrows Dam	EVAP	1.52B	2.32	2.60B	4.21B	5.84B	7.21B	6.92B	6.07	4.90B	3.14	2.54B	1.14B	48.41
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	1093	1364	1191	1367	773	931	827	565	624	708	789	771	11003
Nimrod Dam	EVAP	0.90B	1.38	1.97B	4.07B	5.24B	6.54B	6.33B	5.65	4.08B	2.07	-	-	-
	DEP	-	-	-	-	-0.72	-0.62	-0.85	-1.53	-1.44	-2.17	-	-	-
	WIND	544	582	974B	877	412	415	330	170	243	196	-	-	-
Russellville	EVAP	-	-	-	-	7.24B	8.52B	8.47B	-	-	-	-	-	-
	DEP	-	-	-	-	+1.21	+1.73	+1.04	-	-	-	-	-	-
	WIND	-	-	-	-	483	561	579	-	-	-	-	-	-
Stuttgart 9 ESE	EVAP	1.03	1.31	1.63	3.91B	4.61	-	5.76B	5.17	4.06	3.03B	2.26B	1.49B	-
	DEP	-0.24	-0.45	-1.79	-0.84	-1.30	-	-1.30	-1.89	-1.12	-0.65	+0.18	+0.27	-
	WIND	1671	1783	1704	1890	738	-	1183	390	900	933	1693	1757B	-

For descriptions of unusual weather in 1958, please refer to the April and May issues of Climatological Data, Arkansas Section.

TOTAL PRECIPITATION

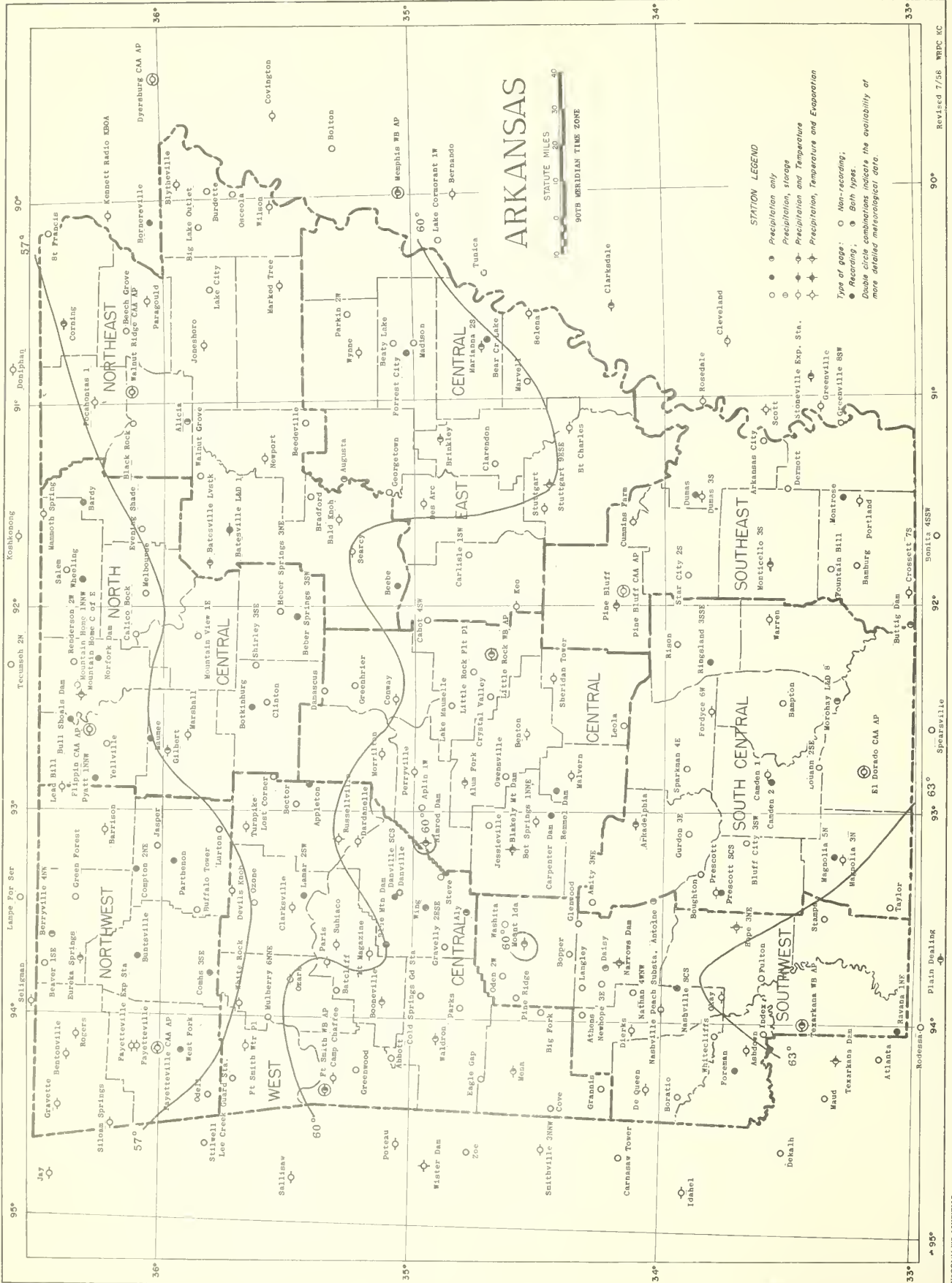
1958



USCOMM WFAHSHVILLE
Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".
Revised 7/58 WPC IC

AVERAGE TEMPERATURE

1958



USCOM-WB-ASHVILLE
Isolines are drawn through points of approximately equal values.

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 4.

Long-term means for full-time stations (those with Weather Bureau, Weather Bureau Airport, or Weather Bureau City in the station name) are based on the period 1921-1950 adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Climatological divisions, outlined on the maps in this bulletin, became effective with data for January 1957.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried in the June and December issues of Climatological Data.

- No record
- * Also later date (dates) or months.
- Amount included in following measurement.
- v Includes total for previous month. v in annual column means total is for a two-year period.
- // Gage is equipped with a windshield.
- # Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- B Adjusted to full month.
- C Data for recorder stations denoted by "C" in the Refer to Tables column of the Station Index are processed for special purposes and published in "Hourly Precipitation Data". Length of record for recorder-only stations may be found in the annual issue of "Hourly Precipitation Data".
- E Amount is wholly or partially estimated.
- M One or more days' record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.

Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issue of Local Climatological Data annuals, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D.C.

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CHANGES IN STATION NAMES

NEW NAME	FORMER NAME	DATE
Botkinburg 2 S	Botkinburg	July
Crystal Valley 2 NE	Crystal Valley	January
Dumas 3 S	Dumas 1	June
Dumas 1 ESE	Dumas 3 S	September
Dumas	Dumas 2	June
Evening Shade 1 NE	Evening Shade	July
Green Forest 4 ESE	Green Forest	November
Mountain Bome 1 NNW	Mountain Bome	January
Odell 3 N	Odell	September
Paragould Radio KDRS	Paragould	September
Walnut Grove 2 NNE	Walnut Grove	August

RELOCATION AND CHANGES OF EQUIPMENT

Augusta	Rain gage moved 0.8 mile NNW	September 23
Brinkley	Equipment moved 1.3 miles WSW	March 29
Crystal Valley 2 NE	Rain gage moved 2.3 miles NE	January 31
Dardanelle	Equipment moved 0.1 mile S	August 14
Des Arc	Equipment moved 10 feet S	May 5
Dumas 3 S	Equipment moved 3 miles S	June 9
Dumas 1 ESE	Equipment moved 3 miles N	September 1
Glenwood	Rain gage moved 1/2 mile NW	March 1
Glenwood	Rain gage moved 0.5 mile SSE	December 8
Gravette	Equipment moved (distance unknown)	November 29
Green Forest 4 ESE	Rain gage moved 4 miles ESE	November 4
Bope 3 NE	Equipment moved 270 feet E	February 3
Lake Maumelle	Rain gage moved 3/4 mile NE	July 1
Leola	Rain gage moved 125 feet S	April 1
Marvell	Rain gage moved 0.3 mile NNE	December 1
Mountain Home 1 NNW	Equipment moved 0.3 mile NNW	January 1
Oacola	Rain gage moved 0.2 mile S	January 20
Perryville	Equipment moved 100 feet S	October 20
Russellville	Equipment moved 100 feet E	April 1
Russellville	Equipment moved 95 feet E	October 22
Siloam Springs	Equipment moved 1000 feet E	August 16





