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CLIMATOLOGICAL DATA

ARKANSAS

JULY 1948

Volume LIII No. 7



ARKANSAS JULY 1948

Walter C. Hickmon, Section Director - Little Rock

GENERAL SUMMARY

most daily thundershowers were general during the first 15 days of the month, and were used by the movement of minor Cold Fronts, or squall lines associated with Cold Fronts passing over Arkansas. These thundershowers totaled up to the heaviest July average rainfall since 1941; also averaged the most days of July rainfall since 1941.

Arkansas was on the back side of numerous HIGHS for most of the month, which fed relatively moist air from the south into this section, to account for both the above-average rainfall and the normal temperatures of the month. No LOWS passed directly over the state during the month.

Most crops, including both field and truck, flourished during the month as a result of the favorable moisture and heat conditions. A small portion of the state did report a deficiency in rainfall, with some slight crop damage. This was confined to a narrow band, extending from Texarkana to Hardy in the north.

Generally hundreds of thunderstorms were reported during the month, but luckily, most were comparatively mild. Twenty-seven reports of high winds were received, but damage was minor in all cases except at Newport. Newport reported damage from the thunderstorm on the 17th totaling \$10,000. Most of this damage was uprooted trees and partially destroyed roofs.

Reports of excessive precipitation came from Pine Bluff on the 18th and Stuttgart on the 19th, causing some monetary damage. Pine Bluff reported 2.47 inches of rain in slightly less than an hour. The storm sewers were unable to carry off this unusual flow, resulting in flooded streets, and also two bakeries were flooded, causing damages amounting to about \$3,000.

Stuttgart reported a condition similar to that of Pine Bluff, with 2.02 inches of rain falling in a 35-minute period during the evening of the 26th. Streets were flooded to a depth of 20 inches, with merchants reporting damage of more than \$5,000 to stocks and property.

There were no floods on the rivers during the month. There were no reports of damaging hail, although hail was reported eight different times.

TEMPERATURES

The July, 1948 average temperature was 80.5 degrees, or exactly the same as the 58-year average. The highest temperature reported during the month was 105° at Magnolia on the 19th, and the lowest, 51° at Bethesda on the 2nd. Practically all stations in the state reported high temperatures above 95° during the month. The warmest station in the state was El Dorado, with an average temperature for the month of 84.9 degrees; they also reported a high for the month of 104°. Devils Knob reported the lowest monthly average, with 75.4 degrees. Numerous counties in the south part of the state reported that the temperatures were 90° or higher for a total of 30 or more days during the month.

PRECIPITATION

The mean precipitation for July, 1948 was 4.11 inches, 0.44 inch above the 58-year average. The month's totals ranged from 0.84 inch at Walnut Grove to 9.09 inches at Pine Bluff. The greatest 24-hour amount reported was 4.81 inches on the 27th at Cummins Farm, in Lincoln County. Runner-up was 4.10 inches on the 12th at Grannis, in Polk County.

Although the state average was above normal, about one-fourth of the counties in the state were below normal for July, and these counties were in a narrow band, extending from Texarkana to Hardy. The wettest portions of the state were the northeast counties, extending down to Scott and Yell Counties, and a section extending from Jefferson, Lincoln, Desha Counties along the Mississippi to Mississippi County. The counties along the southern border averaged about half of the normal precipitation. Precipitation, .01 or more, averaged nine days for the state, as against a 58-year average of seven. Hail was reported by eight stations.

TABLE 1
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION			YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE		MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1891	76.5	103	50	7.24	0	10	1921	82.0	107	54	2.42	0	6
1892	79.0	104	52	3.58	0	10	1922	80.2	106	48	4.12	0	7
1893	80.9	103	59	2.94	0	6	1923	79.9	105	48	3.53	0	6
1894	78.4	108	51	3.98	0	16	1924	79.0	110	40	2.35	0	5
1895	78.9	104	55	7.34	0	2	1925	81.8	109	47	4.99	0	10
1896	83.4	110	52	1.61	0	4	1926	79.8	109	42	3.55	0	8
1897	82.4	109	50	3.25	0	5	1927	79.6	104	49	4.25	0	6
1898	79.9	105	50	4.25	0	8	1928	80.3	102	52	3.66	0	8
1899	79.0	100	52	5.14	0	8	1929	81.2	105	51	3.07	0	7
1900	79.7	102	51	4.46	0	9	1930	84.7	115	42	0.74	0	2
1901	83.7	116	50	2.49	0	6	1931	81.0	106	48	6.00	0	11
1902	79.4	105	50	4.49	0	6	1932	82.5	108	50	5.00	0	9
1903	79.6	105	53	3.86	0	9	1933	81.4	109	55	5.01	0	9
1904	77.9	104	49	4.43	0	10	1934	85.5	112	57	1.66	0	4
1905	76.7	106	51	7.60	0	13	1935	82.2	107	53	2.32	0	5
1906	76.7	99	48	5.96	0	10	1936	83.3	114	42	4.90	0	6
1907	81.4	108	53	1.96	0	4	1937	80.4	106	52	3.71	0	7
1908	79.2	103	48	3.00	0	8	1938	82.0	109	59	3.74	0	7
1909	81.9	106	50	2.51	0	5	1939	82.0	110	55	3.34	0	7
1910	79.4	105	41	5.46	0	10	1940	78.4	103	48	4.14	0	8
1911	78.4	106	43	4.83	0	11	1941	81.2	105	53	4.82	0	9
1912	81.3	104	56	2.82	0	6	1942	81.1	105	53	1.39	0	3
1913	81.5	104	55	4.31	0	8	1943	82.9	110	47	1.13	0	4
1914	82.6	107	54	2.69	0	7	1944	81.2	108	49	2.61	0	4
1915	77.1	107	43	2.40	0	5	1945	78.1	106	45	3.94	0	6
1916	82.8	106	55	2.09	0	6	1946	80.8	106	51	3.94	0	7
1917	79.6	106	50	5.10	0	8	1947	78.3	109	41	1.25	0	3
1918	79.6	111	49	1.53	0	4	1948	80.5	105	51	4.11	0	9
1919	81.2	104	54	1.91	0	5	PERIOD	80.5	116	40	3.67	0	7
1920	79.8	105	52	4.22	0	7							

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

STATIONS	SEA LEVEL PRESSURE EXTREMES - INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUNSHINE	DEGREE DAYS 65° BASE
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	PERCENT OF POSSIBLE	
FORT SMITH WB AP	30.18	2	29.72	21	6.3	33	E	7	87	89	59	59	72	0
LITTLE ROCK WB AP	30.23	1	29.77	22	6.7	31	NW	13	85	87	60	66	63	0
TEXARKANA WB AP	30.19	2	29.79	22	-	42	WNW	31	79	87	55	57	-	0

**TABLE 2
CLIMATOLOGICAL DATA**

ARKANSAS
JULY 1948

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT							PRECIPITATION, IN INCHES											
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS			TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS		
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW	OR					TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
ABBOTT									5.02		1.43	23	.0			9	5	2	
ALPINE									5.57		1.45	7	.0			10	6	2	
ALUM FORK	80.4	+ 0.2	97	25	60	2	24	0	5.20	+ 2.00	1.10	5	.0			13	6	1	
ALY									8.35		2.18	10				16	9	2	
APLIN									4.28		.94	19	.0			12	7	0	
APPLETON									3.79		2.15	13				7	2	1	
ARKADELPHIA	83.1	+ 1.9	102	26	60	2	30	0	3.42	- 0.29	1.70	28	.0			9	4	3	
ARKANSAS CITY									5.64	+ 2.03	1.28	17	.0			11	7	1	
ASHDOWN	81.3		100	21+	56	1	27	0	2.77		1.12	27	.0			9	4	1	
ATHENS									4.93		1.46	7	.0			9	4	2	
AUGUSTA									2.88		1.58	13				6	3	1	
BATESVILLE AIRWAY	79.5	- 0.7	96	7	54	1	19	0	2.73		1.55	7	.0			9	3	1	
BATESVILLE LIVESTCK	78.1M		97	8	52	1+		0	2.34		.77	8	.0			9		0	
BATESVILLE L D 1									2.61	- 0.87	1.02	8	.0			9	4	1	
BEATY LAKE									5.65		2.72	13	.0			7	5	2	
BEAVER									7.24		1.54	4	.0			15	9	2	
BEE BRANCH	79.2	- 2.0	96	7	56	1	21	0	1.20	- 2.07	.38	12	.0			6	2	0	
BEECH GROVE									3.00		.87	13	.0			7	5	0	
BEEDEVILLE									3.80		1.48	23	.0			7	4	2	
BENTON	80.8	+ 0.1	98	26	62	6	30	0	2.94		.96	19	.0			8	4	0	
BENTONVILLE									6.86	+ 3.57	1.76	26	.0			11	5	4	
BERRYVILLE	77.0	- 1.4	97	8	57	1+	14	0	5.57		1.40	26	.0			8	7	2	
BETHESDA	76.8		95	8	51	2	17	0	2.62		.70	8	.0			6	5	0	
BIG FLAT									3.40		1.20	23	.0			10	2	2	
BIG FORK									2.20		.80	18	.0			6	4	0	
BIG LAKE OUTLET									4.12	+ 0.95	1.43	18	.0			9	5	2	
BLACK ROCK									1.99	- 1.53	1.10	13	.0			4	3	1	
BLUE MOUNTAIN DAM									5.65		1.52	15				14	6	2	
BLYTHEVILLE	81.7	+ 0.2	98	8+	60	2	27	0	4.54	+ 1.35	2.00	20	.0			6	5	2	
BOONEVILLE	81.1	- 1.7	99	22	57	2	25	0	4.57	+ 1.48	1.13	23	.0			14	5	1	
BOONEVILLE 2S ;									5.69		1.48	23	.0			14	9	2	
BOTKINBURG									3.37		1.70	11				8	4	1	
BOUGHTON									3.08		1.24	14	.0			7	4	1	
BRADFORD									1.99		1.20	23	.0			4	3	1	
BRINKLEY	81.5	+ 0.5	97	7+	57	2	27	0	3.88	- 0.40	1.14	14	.0			9	5	1	
BURDETTE									3.36		1.00	23	.0			5	4	1	
CABOT									4.07		1.58	13	.0			8	5	1	
CALICO ROCK									2.00	- 1.48	.50	13	.0			12	3	0	
CAMDEN 1	83.6	+ 2.1	101	18	59	2	29	0	3.98	- 0.08	1.46	15	.0			6	4	2	
CAMDEN 2									3.77		1.50	14				6	3	2	
CAMP CHAFFEE	81.4M												.0						
CARLISLE									4.50		1.00	19	.0			6	5	1	
CLARENDON									3.90	+ 0.51	1.22	27	.0			11	7	0	
CLARKSVILLE									1.78		.50	13				8	2	0	
CLINTON									5.19		1.80	18	.0			10	5	2	
COLD SPRINGS									6.05		2.20	15	.0			11	8	2	
COMBS									4.78		1.85	27				6	5	1	
CONWAY	80.4	- 1.8	98	30	57	2	27	0	1.57	- 1.93	.40	23	.0			14	2	0	
CORNING	80.4	+ 0.3	97	18	57	2	23	0	3.35	- 0.23	2.67	18	.0			5	2	1	
COTTER									5.85	+ 3.05	1.63	18	.0			11	7	2	
COVE									8.70		2.68	18	.0			10	6	3	
CROSSETT	83.4	+ 1.8	102	25+	62	2	30	0	3.53	- 1.09	1.44	27	.0			8	3	1	
CRYSTAL VALLEY									3.13		1.03	7	.0			7	4	1	
CUMMINS FARM	81.3		98	7+	60	2	27	0	8.71		4.81	27	.0			7	5	2	
DAISY									5.25		1.74	14				9	5	2	

See Reference Notes Following Station Index

ARKANSAS
JULY 1948

TABLE 2 - Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT							PRECIPITATION, IN INCHES											
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS			TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS		
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW	OR					TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
DANVILLE									5.15	+ 1.99	1.40	23	.0			16	6	1	
DARDANELLE	80.5	- 1.8	97	10+	60	2+	21	0	4.92	+ 1.54	1.84	6	.0		10	6	1		
DE QUEEN	81.2	+ 0.1	97	25+	62	2	21	0	2.39	- 1.60	1.15	5	.0		7	3	1		
DENVER									3.93		1.10	26			11	7	1		
DERMOTT									3.51		1.40	26	.0		6	5	1		
DES ARC	81.4		98	4	60	2	26	0	3.93		1.13	13	.0		8	5	1		
DEVILS KNOB	75.4		97	21	57	23	9	0	5.01		2.31	11	.0		7	6	1		
DUMAS 1	82.1	- 0.3	101	15	59	2	23	0	6.95	+ 2.97	3.36	27	.0		9	3	3		
DUMAS 2									6.71		2.07	29			9	4	4		
DURHAM									3.84		1.01	18			11	6	1		
EAGLE GAP									8.42		2.95	8	.0		13	7	3		
EL DORADO AP	84.9	+ 2.3	104	26+	61	3	31	0	1.68	- 2.76	.57	6	.0		11	2	0		
ELKINS									4.92		1.00	27	.0		11	9	1		
EUREKA SPRINGS	77.6	- 1.4	94	27	59	1	10	0	6.69	+ 2.98	1.88	26	.0		12	8	2		
EVENING SHADE									3.92		2.00	13	.0		6	4	1		
FAYETTEVILLE	78.1		93	25+	56	1	11	0	6.02		1.08	15	.0		13	8	1		
FAYETTEVILLE EX S	77.6	- 1.8	94	14+	56	4	12	0	4.54	+ 0.84	.97	15	.0		13	5	0		
FORDYCE	84.3M	+ 2.3	101	15	63	29	31		4.23	+ 1.11	1.50	14	.0		6	5	2		
FOREMAN									1.48		.49	31			5	3	0		
FORESTER									4.06		1.27	12	.0		11	5	1		
FORREST CITY									5.82		2.24	13			6	5	2		
FORT SMITH WB AIRPORT	81.5		99	25	62	1	22	0	1.62	- 1.75	.38	13	.0		13	2	0		
FORT SMITH WTR PLNT									4.09		1.82	16	.0		11	6	1		
FOUNTAIN HILL									3.50		1.85	12	.0		5	4	1		
FULTON									5.06	+ 1.50	1.19	28	.0		10	8	1		
GARLAND									3.10		.63	18	.0		7	5	0		
GEORGETOWN									6.75	+ 3.63	2.93	13	.0		7	7	2		
GILBERT	77.7		97	8	55	2	21	0	3.95	+ 1.07	1.19	12	.0		13	5	1		
GLENWOOD									2.75		1.09	19	.0		6	3	2		
GRANNIS	78.9	- 0.6	94	25+	58	3	23	0	8.46	+ 3.91	4.10	12	.0		11	6	2		
GRAVELLY									6.95		1.35	23	.0		14	7	4		
GRAVETTE	77.8	- 0.6	95	27	58	1+	11	0	5.27	+ 1.76	1.25	26	.0		12	4	3		
GREEN FOREST									5.04		.91	28	.0		10	8	0		
GREEN MOUNTAIN	75.9		98	7	60	2+	4	0	1.72		.60	12	.0		5	4	0		
GREENWOOD									6.68		1.55	23	.0		14	10	2		
GURDON									5.84		2.85	18	.0		8	5	2		
HAMPTON									3.77		1.95	26	.0		3	3	2		
HARDY									1.48		.48	8			5	3	0		
HARRISON	76.9	- 1.2	94	7+	53	2	20	0	6.34	+ 2.95	.85	26	.0		14	10	0		
HARRISON AIRWAY	76.6		94	17	55	1+	9	0	6.09		.90	26	.0		13	10	0		
HEBER SPRINGS 3SW									1.43		1.08	13			4	1	1		
HECTOR									5.45		1.42	27	.0		10	5	3		
HELENA	82.8	+ 1.4	98	8	64	2	27	0	5.61	+ 1.76	1.33	27	.0		9	5	3		
HENDERSON									3.09		.82	18	.0		10	4	0		
HOPE	82.7	+ 1.0	100	26	60	2	27	0	2.56	- 1.79	1.07	14	.0		9	4	1		
HOPPER									3.86		1.80	15	.0		6	4	2		
HORATIO									3.65		1.95	18	.0		5	3	2		
HOT SPRINGS	82.5	+ 0.7	102	26	61	2	28	0	2.49	- 1.62	1.18	7	.0		9	3	1		
HUNTSVILLE									4.50		1.56	18			8	4	2		
HUTTIG DAM									2.26		.72	17	.0		12	3	0		
JASPER									6.53		1.51	28	.0		14	10	2		
JESSIEVILLE									2.75	- 0.70	.80	23	.0		10	4	0		
JONESBORO	80.3	- 1.0	97	7	59	2	20	0	1.73	- 1.50	1.02	31	.0		10	1	1		
KEO	81.3		97	16+	58	2	26	0	5.66		2.60	16	.0		12	4	2		
LAKE CITY									2.34		.93	10	.0		9	4	0		

See Reference Notes Following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

ARKANSAS
JULY 1948

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT							PRECIPITATION, IN INCHES											
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS			TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS		
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW	OR					TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
LEAD HILL	78.3	- 1.8	95	7+	53	2	22	0	3.38	- 0.31	1.06	16	.0			7	5	1	
LEE CREEK									3.07		.84	19	.0			11	5	0	
LEOLA									2.82		.72	6	.0			7	5	0	
LITTLE ROCK WB AP	82.1	+ 1.2	98	25	63	2	24	0	3.41	- 0.09	1.11	13	.0			13	4	1	
LITTLE ROCK FILT PL									5.85		1.24	13	.0			13	6	3	
LOCK AND DAM NO 3									1.88		.85	8	.0			9	3	0	
LOST CORNER									3.21		1.01	13	.0			12	5	1	
LURTON									2.77		.93	12	.0			15	4	0	
LUTHERVILLE	78.5	- 1.8	94	7+	58	2	20	0	3.76	+ 0.22	1.83	13	.0			9	4	1	
MADISON									5.10	+ 0.30	2.25	13	.0			6	4	2	
MAGNOLIA	84.7	+ 2.2	105	25	63	2	30	0	2.27	- 1.74	.93	18	.0			5	4	0	
MALVERN	83.1		101	17	61	2	31	0	2.70		1.25	7	.0			11	3	1	
MAMMOTH SPRING	77.8	- 1.2	97	8	52	1	23	0	1.50	- 2.00	.63	8	.0			6	2	0	
MARIANNA	80.7	- 0.5	97	7	59	2	26	0	6.02	+ 2.63	2.15	27	.0			8	5	3	
MARKED TREE	81.0		98	31	59	2	27	0	2.25	- 1.36	1.20	13	.0			5	3	1	
MARSHALL	77.3	- 1.8	93	7+	54	1+	13	0	4.07	+ 0.50	1.38	22	.0			13	5	1	
MARVELL									3.92		1.88	13	.0			5	3	1	
MAUMEE									4.12		.98	11	.0			12	6	0	
MELBOURNE									2.17		.75	17	.0			5	4	0	
MENA	80.7	+ 0.4	96	17+	59	2	24	0	6.02	+ 2.14	2.04	6	.0			13	6	2	
MONTICELLO	83.4		99	8+	65	2	29	0	4.20		1.82	16	.0			8	4	1	
MOROBAY L D 8									2.22		1.30	11	.0			6	2	1	
MORRILTON	81.7	- 0.9	99	17+	60	2	27	0											
MOUNT IDA 1	80.3	+ 0.4	99	30	53	2	28	0	3.00	- 0.50	.61	13	.0			10	5	0	
MOUNT IDA 2									2.23		.50	13+	.0			10	4	0	
MOUNTAIN HOME	77.3	- 2.1	95	7	54	2	11	0	2.70	- 0.82	.70	10	.0			9	5	0	
MOUNTAIN VIEW									3.90		1.49	8	.0			9	3	2	
MOUNTAINBURG									4.20		1.62	15	.0			13	6	1	
MULBERRY									4.01		1.75	15	.0			8	6	1	
NASHVILLE	82.4M		101	26	61	2	27	0	2.97		1.02	12	.0			10	5	1	
NATHAN									3.44		.85	14+	.0			8	5	0	
NEWPORT	81.9	+ 0.4	101	7	61	2	27	0	3.57	+ 0.35	1.20	19	.0			7	4	2	
NIMROD DAM	80.0		100	21	56	2	21	0	6.96		1.90	23	.0			13	8	2	
NORFORK DAM	78.8		98	8	53	2	19	0	1.08		.37	18	.0			5	2	0	
ODELL									2.65		.71	4	.0			12	3	0	
OKAY	83.5	+ 0.6	101	25	59	2	31	0	2.94	- 0.66	1.53	14	.0			7	3	1	
OSCEOLA									3.62	+ 0.25	1.00	19+	.0			5	5	2	
OWENSVILLE									5.31		1.99	6	.0			12	6	1	
OZARK	80.5	- 1.7	97	22	60	1+	25	0	2.35	- 0.82	.65	15	.0			8	3	0	
PARAGOULD	80.0		97	7	55	2	26	0	5.65	+ 2.43	2.05	13	.0			7	3	3	
PARKIN									4.57	+ 1.15	2.39	13	.0			4	4	2	
PARTHENON									5.51		2.10	27	.0			10	5	1	
PERRYVILLE					57	5		0	5.53	+ 1.28			.0			10			
PINE BLUFF	83.8	+ 1.3	100	8	64	2	30	0	9.09	+ 5.49	2.69	19	.0			11	7	3	
PINE RIDGE									3.73	+ 0.04	.77	6	.0			12	5	0	
POCAHONTAS 1	80.9	+ 0.3	99	7	56	2	25	0	1.71	- 2.28	1.30	19	.0			4	2	1	
PORTLAND	83.4	+ 1.6	100	24+	64	2	30	0	1.20	- 2.73	.79	13	.0			4	1	0	
PRESCOTT	82.5	+ 0.1	100	26	60	2	30	0	2.96	- 0.58	1.00	19	.0			7	3	1	
PRESCOTT SCS									3.24		1.05	18	.0			11	3	1	
PYATT									5.63		1.85	12	.0			10	6	2	
RATCLIFF									5.58		1.70	19	.0			7	7	2	
RAVANA									3.11		1.45	27	.0			7	3	1	
RED STAR									3.96		.50	27	.0			10	5	0	
ROCKHOUSE									7.15		1.75	13	.0			8	6	4	
ROGERS	76.9	- 1.1	94	27	55	1	12	0	7.07	+ 3.39	2.24	18	.0			13	8	2	

See Reference Notes Following Station Index

ARKANSAS
JULY 1948

TABLE 2 - Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS		TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS		
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW					TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
RUSSELLVILLE	80.9	- 0.6	97	25	58	2	24	0	3.68	- 0.42	1.27	12	.0			10	7	1
SAINT CHARLES	81.2M		96	5+	60	1		0	5.55		1.63	18	.0			5	5	3
SAINT FRANCIS									2.11	- 1.94	.82	18	.0			5	3	0
SEARCY	82.0	+ 0.6	99	29+	59	2	26	0	2.85	- 0.10	1.33	13	.0			10	3	1
SHERIDAN	80.1M																	
SHIRLEY									2.40		.76	13	.0			9	3	0
SILOAM SPRINGS	77.7M		94	27	58	1+	13		2.85		1.34	26	.0			10	4	1
SMITHVILLE									5.81		2.22	30				8	5	2
STEVE									7.36		1.30	23	.0			13	11	1
STORY									5.17	+ 1.70	1.65	14	.0			11	7	1
STUTTGART	81.2	- 0.1	93	30+	63	1	24	0	6.83	+ 3.04	2.85	27	.0			10	5	2
STUTTGART 9ESE	81.5	- 0.1	95	8	64	2	24	0	4.79	+ 0.70	1.38	14	.0			12	4	2
SUBIACO			95	20+			17		5.06	+ 1.89	2.30	15	.0			10	6	2
SUGAR GROVE									6.21		1.57	23	.0			10	6	2
SUGAR LOAF MTN									1.90		.59	13	.0			9	2	0
TAYLOR									3.87		.91	10	.0			6	6	0
TEXARKANA WB AIRPORT //	83.4	+ 0.9	100	25	63	2	27	0	3.71	- 0.40	1.26	31	.0			8	5	1
TURNPIKE			88	7			0		3.88	+ 0.60	1.10	13	.0			10	5	1
VIOLA									1.95		.90	5	.0			4	3	0
WALDRON	80.4		99	17	55	2	25	0	6.60	+ 3.73	1.48	23	.0			10	6	4
WALNUT GROVE									.84		.34	14	.0			5	1	0
WARREN	83.5	+ 1.1	98	7+	64	28	30	0	4.48	+ 0.59	1.84	28	.0			5	3	3
WEDINGTON LAKE									4.25		1.29	26				10	7	1
WEST FORK									2.76		.89	27				12	4	0
WHEELING									3.08		1.15	12				9	4	1
WHITE ROCK	75.5		89	14+	60	2	0	0	4.99		1.24	3	.0			14	5	2
WHITECLIFFS									2.93	+ 0.24	1.26	28	.0			5	4	1
WINFREY									2.01		.58	14				8	4	0
WING									5.37		1.62	23				11	5	2
WYNNE	81.1	+ 0.1	97	7	62	2	22	0	2.20	- 1.36	.90	13	.0			9	3	0
YELLVILLE									3.73				.0			5		
STATE	80.5	0.0	105	25	51	2	22	0	4.11	+ 0.44	4.81	27	.0			9	5	1

See Reference Notes Following Station Index

TABLE 3 - Continued DAILY PRECIPITATION

ARKANSAS
JULY 1948

STATION	DAY OF MONTH																															TOTAL		
	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			
TURNPIKE				.12	.52		.08	.12			.21	.59	1.10		.75		.45									.25	.14							3.88
VIOLA					.90							.10	.50																				1.95	
WALDRON	Z		.10	T	1.10	.04	.40						.86		T	T	T	1.10				1.30	1.48	.12		T						6.60		
WALNUT GROVE														.34				.15	1.22	.15			T	.13							.10	.84		
WARREN												1.05	T											.22				1.84				4.48		
WEDINGTON LAKE	R		.46	.39							.05	.39			.44	.08		.80				.25				1.29	.10					4.25		
WEST FORK	R		.29	.02				.09			.12	.06		.40		.05	.09	.08					.05		.62	.89						2.76		
WHEELING	R						.22				1.13		.10		.25	.25	.05					.18								.30		3.08		
WHITE ROCK			1.24	.24				.06			.21	.11	.18	.20		.80		T				.05		.08		1.00			.33			4.99		
WHITECLIFFS											.77	.51		.29				.10								T	1.26				T	2.93		
WINFREY	R									.29		.07		.58			.09															2.01		
WING	R				1.30	.30	.10				.23	.48	.02				.70	.17				.78	1.62	.05	.06	.35						5.37		
WYNNE										.05		.48	.90			.05		.10				.48	.11								.01	2.20		
YELLVILLE								.48				1.00					.50					1.75										3.73		

See Reference Notes Following Station Index

TABLE 4 - Continued HOURLY PRECIPITATION

ARKANSAS
JULY 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MARIANNA				.05	.01				.20															.20	
MONTECELLO																								.06	
MOROBAY L D 8						.02			.20															.22	
NASHVILLE SCS			.55	.11	.01	.03				.05														.75	
PINE BLUFF 3N																.70								.70	
PRESCOTT SCS			.30	.40	.10																			.80	
SMITHVILLE											.04													.04	
WEST FORK		.05	.35																					.40	
WINFREY			.53	.04	.01																			.58	
15th																									
ALUM FORK						.13			.01	.01	.01							.25	.03					.44	
ALY	.05				.01	.01			.02									.21						.30	
APPLETON					.02	.10	.05																	.17	
BERRYVILLE			.15	.07																				.22	
BLUE MOUNTAIN OAM		.03	.02	.30	.50	.65											.02							1.52	
BOONEVILLE				.10																				.10	
BOTKINBURG						.05	.02																	.07	
CARPENTER OAM							.04																	.04	
CLARKSVILLE				.33	.05	.05																		.43	
COMBS			.57	.06	.02																			.65	
OANVILLE		.10	.10	.10	.05																			.35	
OENVER				.32	.08																			.40	
FORT SMITH WB AIRPORT				.06																				.06	
GILBERT														.05										.05	
HUNTSVILLE		.15	.05																					.20	
HUTTIG OAM											.32													.32	
LITTLE ROCK WB AP																		.01	.19					.20	
MAUMEE						.03	.01																	.04	
NIMROD OAM	*	*	*	*	*	*	.90																	.90	
PARTHENON				.84	.10	.03																		.97	
PYATT				.30	.09	.02																		.41	
REMMEL OAM							.23																	.23	
WEOINGTON LAKE	*	*	*	*	*	.44																		.44	
16th																									
ALUM FORK																	.19							.19	
AUGUSTA																*		.46						.46	
BATESVILLE L O 1																.18								.18	
BEAR CREEK LAKE																		1.10						1.10	
BLUE MOUNTAIN DAM																.22								.22	
BOONEVILLE																.07	.03							.10	
BRINKLEY																		.40	.05	.01				.46	
BULL SHOALS OAM																.27	.10							.37	
CARPENTER OAM																		.22						.22	
COMPTON													.16											.16	
OENVER												.66	.02											.68	
OUMAS 2												.10	1.60	.05			.02							1.77	
HUNTSVILLE												.08												.08	
HUTTIG OAM																	.40	.20	.02					.62	
KINGSLANO				.22	.01		.01	.01											.03					.25	
LITTLE ROCK WB AP																		1.05						1.05	
MARIANNA																.11	.02							.13	
MAUMEE																1.49	.29	.01	.01		.01			1.81	
MONTECELLO					.05												.25							.25	
MOUNT IDA 1																	.05							.05	
MOUNTAIN HOME																	.30							.30	
NIMROD OAM																								.44	
NORFORK OAM																								.88	
PARTHENON										.09	.16	.17							.02					.88	
PYATT																								.08	
REMMEL OAM																	.08							.08	
WEOINGTON LAKE								*	*	*	.08													.08	
WEST FORK									.05															.05	
WHEELING																	.23							.23	
17th																									
ALY																	.72	.02						.74	
BEAR CREEK LAKE																			.70	.05				.75	
BRINKLEY								.02	.01	.01														.04	
BULL SHOALS OAM																						.05		.05	
CANAAN																								.85	
CORNING																			.70	.05				.85	
KINGSLANO																			.30	.60	.02			.92	
MAGNOLIA																			.04					.24	
MENA																	.05	.10	.03		.02	.01		.21	
MOROBAY L O 8																		.10						.10	
MOUNT IDA 1																						.10	.10	.18	
MOUNTAIN HOME																						.10	.10	.18	
NASHVILLE SCS																				.13	.06			.20	
NIMROD OAM																			.03					.03	
NORFORK OAM																								.38	
PRESCOTT SCS																			.02					.02	
REMMEL OAM																.08	.95							1.03	
STUTTIGART 9ESE																	.04							.04	
TEXARKANA WB AP																		.23	.40	.15				.78	
WEST FORK																								.09	
WHEELING												.09												.25	
WINFREY												.07	.01	.01										.09	
WING																		.50	.20					.70	
18th																									
ALICIA																.20	.01	.01	.01					.23	
ALUM FORK																.71	.13	.01	.03	.02	.02			.92	
ALY											.29	.47	.09			.01				.02				.88	
APPLETON												.17												.17	
ARKADELPHIA																		.10	.05					.15	
ATLANTA																.02	.73	.03	.02					.80	
AUGUSTA																		*	*	*	*	*	*	*	
BATESVILLE L O 1																.20								.20	
BEAR CREEK LAKE																		.02		.02	.15	.03		.22	
BERRYVILLE									.70	.30	.15	.07	.03			.02	.77	.03	.02					.80	
BLUE MOUNTAIN OAM																.13	.04							.17	
BOONEVILLE																								.12	
BRINKLEY																								.12	
BULL SHOALS DAM			</																						

ARKANSAS
JULY 1948

TABLE 4 — Continued HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
OUMAS 2																									1.18
HUTTIG DAM																		.05			.05				.05
KINGSLAND			.05																						.05
MENA														.64	.01										.65
STUTTGART 9ESE														.17	.01										.18
													29th												
DUMAS 2	.14	.03	.03	.42	.49	.06	.82		.08																2.07
NASHVILLE SCS																		.48							
WINFREY																			.04						.52
													30th												
BRINKLEY														.10											.37
CANAAN																				.33	.03				.10
OANVILLE																									.03
MARIANNA																							.10	.20	.30
SMITHVILLE																1.65	.57								2.22
STUTTGART 9ESE																					.09	.01			.10
WHEELING															.20	.10									.30
													31st												
ALICIA																									
BEEBE																									
BLUE MOUNTAIN DAM																									.02
BULL SHOALS DAM			.02																						
FOREMAN								.03	.07	.18	.20	.01													.49
HARRISBURG											.05														.05
KINGSLAND																									
LAKE LEATHERWOOD																									
LITTLE ROCK WB AP																				.01					.01
MURFREESBORO																									
NASHVILLE SCS																									
RAVANA									.01	.19															.20

See Reference Notes Following Station Index

TABLE 5
DAILY TEMPERATURES (° FAHRENHEIT)

ARKANSAS
JULY 1948

STATION	DAY OF MONTH																															MEAN	
	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	87 62	88 60	91 63	90 68	84 67	87 67	93 72	94 74	92 68	92 67	95 70	90 70	90 71	94 70	94 70	95 67	91 67	93 67	93 72	94 75	96 72	88 69	87 70	97 70	92 71	90 71	93 70	92 70	95 71	89 71	91.6 69.1	
ARKADELPHIA	MAX MIN	93 68	90 60	92 66	96 68	83 72	90 68	93 70	97 69	96 68	97 71	97 70	94 70	93 71	96 71	95 71	98 72	100 71	100 68	97 69	96 71	99 74	99 71	100 71	100 74	97 73	102 73	100 73	91 70	95 72	95 70	98 75	95.8 70.3
ASHOOWN	MAX MIN	89 56	90 66	91 67	87 70	93 65	94 65	98 64	96 64	95 65	90 68	90 68	94 69	97 69	97 69	98 69	98 67	96 66	96 66	97 73	100 80	96 71	97 75	95 68	100 71	97 71	84 68	93 68	94 72	86 64	92 60	94.2 68.3	
BATESVILLE AIRWAY	MAX MIN	82 54	86 57	92 64	85 70	90 67	85 70	96 67	89 64	90 64	88 72	90 69	85 72	89 72	92 72	94 73	95 71	92 69	94 67	93 67	94 74	93 71	82 69	85 65	93 67	88 73	94 70	94 66	95 72	94 63	87 60	90.3 68.6	
BATESVILLE LIVESTCK	MAX MIN	89 52	83 60	86 67	83 68	85 63	88 70	97 64	89 64	90 68	88 68	89 68	90 69	88 69	90 70	94 71	92 69	92 68	95 64	93 65	95 71	94 72	90 62	80 60	90 62	93 62	89 62	94 60	94 60	94 60	90.5 65.6		
BEE BRANCH	MAX MIN	85 56	83 57	90 60	85 70	90 64	86 72	96 69	93 63	93 68	88 67	86 70	88 71	94 71	94 72	93 71	94 69	92 65	91 65	91 70	93 71	93 70	85 71	87 67	93 70	89 69	92 70	93 65	92 70	94 68	91 69	90.5 67.9	
BENTON	MAX MIN	90 66	90 65	91 65	91 65	94 62	89 64	94 68	93 68	92 68	94 67	93 67	90 67	92 66	95 66	94 63	94 68	98 65	95 62	92 63	93 72	93 70	95 73	90 69	90 69	98 70	95 71	91 65	95 66	94 66	96 73	93.1 68.5	
BENTONVILLE	MAX MIN	85 54	87 59	85 62	78 66	83 69	90 67	89 66	97 65	94 66	92 65	89 68	87 67	85 66	90 64	85 63	85 68	92 62	87 63	92 69	91 72	92 72	81 67	84 63	91 68	92 63	87 64	94 66	92 71	88 68	83 57	88.4 65.5	
BETHESOA	MAX MIN	86 52	82 51	84 59	90 66	82 64	90 68	87 65	95 65	87 61	81 68	86 79	85 68	87 69	91 66	92 66	87 67	89 67	89 70	92 68	93 68	93 80	96 62	82 63	92 62	92 62	92 62	93 63	93 67	93 62	93 62	88.7 64.8	
BLYTHEVILLE	MAX MIN	92 61	85 60	90 67	95 75	96 75	92 72	92 74	98 69	92 70	94 72	93 69	92 73	85 71	92 75	93 74	94 71	96 71	90 68	91 72	94 76	95 76	95 72	82 62	86 64	90 74	90 74	95 76	94 75	95 70	98 71.2		
BOONEVILLE	MAX MIN	89 59	86 57	81 65	84 70	89 66	92 69	93 69	95 67	90 70	92 70	92 71	95 71	96 75	95 71	95 72	91 71	95 69	94 70	96 75	94 75	96 72	87 70	90 72	96 74	93 76	93 76	95 70	93 74	92 71	92.2 70.0		
BRINKLEY	MAX MIN	86 60	88 57	95 72	95 72	94 73	97 67	94 68	95 69	92 70	94 70	93 72	90 70	94 74	93 73	95 70	94 72	95 60	94 75	93 74	95 73	91 71	88 69	94 69	91 72	91 73	95 73	95 73	97 70	89 70	93.0 69.9		
CAMDEN 1	MAX MIN	93 69	91 59	96 68	98 70	85 69	95 71	98 70	98 66	98 70	99 71	92 72	93 74	95 71	94 74	96 72	96 72	101 70	95 69	95 76	94 76	96 76	96 76	99 72	97 71	99 77	99 77	94 74	98 78	97 75	95.6 71.6		
CAMP CHAFFEE	MAX MIN	81 62	88 61	87 58	80 72	89 68	92 70	93 70	94 69	94 69	93 72	92 72	92 74	94 73	96 70	92 73	95 64	97 69	96 72	96 73	99 73	97 71	86 70	93 71	98 72	90 71	97 75	97 70	96 74	94 72	92.5 70.2		
CONWAY	MAX MIN	86 58	88 57	93 64	81 69	88 68	84 70	94 69	94 63	93 63	93 69	91 69	92 70	96 71	90 70	95 71	94 68	93 65	95 67	96 73	95 73	96 75	92 69	90 69	96 71	95 69	95 71	95 67	95 69	93 69	93 71	92.6 68.2	
CORNING	MAX MIN	88 58	83 57	89 62	93 72	91 72	94 72	90 70	96 66	93 72	91 67	92 71	92 72	87 71	94 73	93 70	95 71	97 67	89 70	90 72	94 76	94 76	93 71	83 61	85 63	91 74	84 72	94 71	94 75	95 74	94 64	91.2 69.5	
CROSSETT	MAX MIN	88 65	91 62	94 68	97 72	96 68	95 68	97 66	94 66	94 69	93 67	95 72	96 73	95 73	95 73	93 73	93 73	96 69	97 67	98 72	98 72	99 73	97 73	95 74	102 75	102 75	92 71	95 71	98 72	98 74	95.8 70.9		
CUMMINS FARM	MAX MIN	85 67	88 60	94 67	95 69	96 67	95 68	98 70	94 66	93 69	95 67	92 69	95 72	91 69	98 70	95 68	94 69	92 66	93 66	93 73	93 73	94 72	91 71	90 72	94 70	96 71	88 67	94 71	94 70	95 74	93.2 69.4		
OANVILLE	MAX MIN																																
OAROANELLE	MAX MIN	83 61	87 60	86 60	86 63	81 69	92 68	89 68	95 68	94 68	97 68	93 69	91 73	87 73	94 73	88 72	90 72	92 72	96 70	92 70	94 71	95 74	95 72	86 72	91 72	97 72	88 73	93 70	95 73	93 72	92 72	91.2 69.7	
DE QUEEN	MAX MIN	88 69	87 62	86 64	85 69	90 69	89 71	93 68	94 69	91 68	87 69	89 70	91 73	94 74	93 73	95 72	96 69	89 69	93 72	93 74	95 75	95 72	92 74	95 75	97 74	95 77	89 74	91 72	92 70	92 74	91.6 70.8		
OES ARC	MAX MIN	89 67	83 60	86 62	98 68	92 73	91 67	89 68	96 70	91 66	93 71	90 71	93 72	90 70	94 75	93 74	96 71	95 72	93 73	94 75	95 74	93 72	94 69	95 69	91 69	88 72	94 71	92 72	94 73	95 71	92.3 70.4		
DEVILS KNOB	MAX MIN	80 64	76 61	79 60	78 62	80 63	83 61	85 60	86 62	88 64	85 67	83 63	81 63	85 65	86 66	88 65	86 66	86 65	89 65	95 66	97 67	96 67	89 64	88 65	90 65	84 65	87 66	93 62	90 63	93 64	86.8 63.9		
DUMAS 1	MAX MIN	87 68	80 59	90 72	85 68	91 75	98 69	85 70	85 71	92 61	97 71	81 70	84 74	94 72	101 74	99 72	96 73	96 70	95 70	97 75	96 74	97 75	98 74	100 74	103 74	102 74	104 72	104 73	100 73	102 72	98.6 71.2		
EL OORAOO	MAX MIN	93 67	93 62	95 61	100 70	97 68	98 69	97 71	100 68	100 72	101 72	93 71	96 71	97 68	99 71	100 73	101 71	99 71	100 73	98 75	98 74	100 74	103 74	102 74	102 74	104 72	104 73	100 73	102 74	102 72	98.6 71.2		
EUREKA SPRINGS	MAX MIN	85 59	83 60	82 63	80 64	88 67	89 64	91 70	90 68	87 68	84 65	83 68	88 68	88 69	88 67	90 65	92 65	91 69	90 74	91 76	86 75	81 68	92 64	89 74	92 65	89 70	94 66	92 65	89 70	83 60	87.6 67.5		
FAYETTEVILLE	MAX MIN	87 56	83 60	81 65	85 69	88 64	89 68	90 68	90 66	87 67	86 71	84 71	89 68	87 67	87 65	91 66	91 66	90 66	90 73	92 75	93 74	88 70	82 68	89 72	93 66	88 66	93 62	89 68	83 62	86 61	88.0 68.2		
FAYETTEVILLE EX S	MAX MIN	85 57	84 59	84 62	83 56	91 66	90 63	89 67	89 64	87 65	85 70	83 69	89 67	94 67	91 65	89 64	91 70	89 65	90 68	89 73	90 75	89 74	83 69	90 66	92 63	88 65	94 71	92 67	87 73	85 72	88.2 66.9		
FOROYCE	MAX MIN	90 87	92 85	97 86	98 84	97 84	99 86	100 93	100 93	99 93	94 89	96 90	100 94	94 87	101 91	100 89	99 85	96 75	96 69	97 74	97 75	97 78	100 74	99 75	100 78	100 78	97 75	97 73	95 63	97 64	97.2 71.3		
FORT SMITH WB AIRPORT	MAX MIN	87 62	83 63	78 67	85 72	86 69	92 70	92 70	93 72	92 70	91 73	90 73	93 75	96 73	91 72	95 73	96 72	88 72	96 72	96 73	98 77	96 74	84 72	93 73	95 72	99 73	89 75	96 70	96 73	89 68	91.6 71.3		
GILBERT	MAX MIN	89 56	87 55	86 58	88 62	84 63	91 66	92 65	97 63	95 62	92 65	90 67	88 68	89 69	95 69	90 67	92 65	94 63	95 66	93 67	93 68	94 65	83 66	88 66	93 69	85 65	90 62	95 62	96 64	91 59	90.9 64.5		
GRANNIS	MAX MIN	88 59	85 58	86 58	84 59	91 66	93 66	85 67	92 69	91 65	91 68	87 68	89 68	92 70	93 69	93 67	93 66	91 69	90 71	91 69	92 70	89 72	91 71	94 71	92 72	89 68	92 69	90 67	94 73	90 61	90.3 67.4		
GRAVETTE	MAX MIN	86 58	85 61	80 63	82 69	88 66	89 61	93 67	92 67	90 67	87 69	84 69	89 67	93 68	90 66	86 62	91 69	89 65	91 67	89 73	90 74	89 72	87 64	89 68	91 72	88 72	92 68	89 68	87 62	89 60	88.5 67.1		
GREEN MOUNTAIN	MAX MIN	84 62	82 60	82 66	80 60	89 62	91 6																										

TABLE 5 — Continued
DAILY TEMPERATURE (°FAHRENHEIT)

ARKANSAS
JULY 1948

STATION	DAY OF MONTH																															MEAN	
	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		
HARRISON AIRWAY	MAX MIN	83 55	81 55	83 61	80 68	85 64	88 63	90 67	88 66	87 66	88 63	85 66	85 69	88 70	90 69	86 70	87 65	94 70	83 67	88 67	91 70	92 70	88 72	81 69	85 66	93 70	85 66	91 66	90 64	90 64	85 68	84 61	86.9
HELENA	MAX MIN	92 69	85 64	91 66	94 70	94 76	94 74	95 72	98 73	95 70	95 73	93 72	94 74	90 71	89 75	92 76	95 74	93 75	92 71	94 72	93 78	92 77	93 73	91 72	89 72	95 73	92 73	90 73	93 76	93 76	95 76	92.6	
HOPE	MAX MIN	91 69	89 69	89 67	93 71	89 71	92 67	93 70	93 69	95 69	96 71	97 69	91 73	93 74	95 75	96 69	95 76	93 73	97 70	94 68	95 73	95 75	97 72	97 75	100 72	96 75	100 72	96 72	88 74	97 74	96 76	94.3	
HOT SPRINGS	MAX MIN	94 66	92 61	92 63	89 68	87 73	90 66	87 66	97 72	97 68	96 68	93 71	90 72	93 72	96 73	97 71	100 71	94 72	92 69	96 70	98 75	96 75	97 70	92 72	93 73	102 73	97 73	92 71	96 74	98 74	98 74	94.4	
JONESBORO	MAX MIN	81 63	89 69	92 63	93 71	93 70	87 70	97 71	89 68	92 69	89 67	90 68	89 71	88 72	92 73	95 71	94 72	93 73	94 72	98 72	93 75	93 75	93 75	82 71	85 63	93 65	85 69	95 71	94 72	95 74	95 66	90.9	
KEO	MAX MIN	84 62	89 58	94 65	90 71	94 65	91 65	96 69	94 68	94 64	92 71	88 68	93 70	92 72	94 72	95 72	97 68	96 70	93 71	94 69	94 74	94 74	95 72	92 72	92 72	97 71	94 72	97 72	95 71	96 70	96 70	93.0	
LEAO HILL	MAX MIN	85 63	86 53	89 62	82 69	93 60	92 65	95 62	95 65	92 65	90 65	85 69	91 70	94 68	90 69	93 62	94 66	93 68	90 66	92 66	95 72	91 72	86 70	89 63	95 66	90 66	94 69	93 67	92 68	91 63	88 61	90.4	
LITTLE ROCK WB AP	MAX MIN	83 66	86 63	91 69	85 74	93 70	87 69	96 73	94 74	92 72	93 73	88 72	92 71	91 71	95 74	95 74	94 73	93 72	92 71	95 69	95 76	94 76	96 73	89 72	87 73	98 73	94 75	91 73	92 74	95 73	97 73	92.0	
LUTHERVILLE	MAX MIN	84 63	84 58	82 63	82 67	87 63	91 64	94 69	93 67	90 67	89 69	86 70	89 69	93 69	87 69	91 68	92 68	90 69	91 68	92 69	92 71	92 72	93 71	85 69	90 67	94 68	87 63	93 65	93 67	90 62	88 69	89.5	
MALVERN	MAX MIN	95 66	90 61	92 66	96 71	90 72	99 66	95 71	97 70	98 69	96 71	97 70	96 74	92 72	95 71	96 71	98 70	101 70	99 68	96 68	97 74	95 74	96 72	97 70	98 73	100 72	96 72	92 68	96 71	95 70	95 75	95.9	
MAGNOLIA	MAX MIN	92 68	95 63	98 67	88 70	95 69	98 69	99 69	100 68	100 70	98 68	98 71	96 70	99 75	99 70	100 74	100 72	95 70	98 71	97 72	99 73	100 72	101 72	99 75	105 73	102 75	98 78	100 75	100 75	101 75	97.9		
MAMMOTH SPRING	MAX MIN	82 52	86 54	90 58	89 59	91 62	91 67	91 68	97 65	90 60	92 67	90 65	89 66	90 69	90 68	94 65	92 65	91 68	95 68	89 67	90 67	94 69	95 69	87 66	82 60	94 64	94 64	95 67	96 64	92 67	92 58	90.9	
MARIANNA	MAX MIN	83 63	90 59	94 64	96 70	95 63	93 67	97 65	93 62	92 65	92 69	88 71	89 72	92 68	94 74	94 72	92 69	91 75	92 75	91 75	90 72	89 72	87 69	87 67	92 67	94 67	92 67	93 67	92 67	93 72	85 74	91.5	
MARKEO TREE	MAX MIN	90 61	95 59	91 61	95 70	97 72	96 69	90 69	97 69	93 66	93 69	93 66	95 71	89 69	88 70	93 72	93 73	95 70	96 72	94 69	95 71	95 74	94 73	85 70	90 63	92 66	89 71	96 71	94 64	97 66	93.3		
MARSHALL	MAX MIN	80 54	83 54	85 54	78 68	88 68	88 63	93 65	90 61	89 60	87 66	85 68	88 63	86 68	90 67	85 67	93 67	90 66	89 67	93 67	91 66	93 71	91 68	85 72	86 67	86 68	91 62	90 62	87 62	84 60	87.7		
MENA	MAX MIN	90 66	87 59	87 67	83 68	93 68	90 66	84 69	94 67	92 66	90 69	90 67	89 69	92 72	94 73	95 71	96 70	91 69	94 67	93 67	93 73	93 74	94 73	89 70	89 73	96 75	93 74	95 74	92 70	93 72	91.5		
MONTICELLO	MAX MIN	88 68	92 65	95 73	96 71	98 69	90 70	98 75	97 70	99 77	97 70	96 69	93 71	95 73	93 72	99 71	98 75	91 71	94 69	95 75	95 74	96 76	94 74	89 74	89 74	96 74	96 74	95 69	95 73	96 73	88 70	95.2	
MORRILTON	MAX MIN	93 61	87 60	90 64	94 70	81 72	94 67	88 69	98 73	94 66	95 70	94 74	92 72	92 73	94 73	97 71	99 70	99 74	94 68	96 72	96 74	97 62	97 70	91 71	92 70	97 72	97 71	96 72	96 71	96 68	97 72	93.6	
MOUNT IOA 1	MAX MIN	93 62	90 53	87 62	89 68	86 65	91 62	92 64	92 62	93 62	90 62	90 64	95 66	90 66	95 68	96 69	94 66	93 66	96 67	94 66	93 66	93 70	95 69	98 74	96 70	97 69	98 72	96 73	96 68	99 65	93.5		
MOUNTAIN HOME	MAX MIN	82 56	83 54	87 63	79 69	88 66	89 67	95 70	89 66	89 62	86 68	87 68	87 69	90 69	91 69	89 72	90 64	92 67	84 66	89 67	93 71	93 71	90 68	83 65	85 68	84 67	85 69	92 64	92 70	89 65	85 61	88.1	
NASHVILLE	MAX MIN	92 72	89 61	91 62	90 71	87 72	96 71	94 69	93 70	97 76	97 68	92 71	91 69	93 73	95 71	95 73	96 72	96 70	93 69	94 72	94 74	95 74	94 75	97 74	94 75	95 73	91 72	98 77	89 71	95 71	94.0		
NEWPORT	MAX MIN	85 63	90 61	97 63	92 68	92 73	88 69	101 71	94 70	94 68	93 70	94 70	91 73	93 73	96 74	94 75	96 74	96 70	93 72	95 70	97 75	94 75	95 72	85 66	87 68	94 70	91 73	95 72	95 73	98 70	90 65	93.3	
NIMROD OAM	MAX MIN	92 57	87 56	87 62	89 71	79 67	92 69	86 61	91 62	98 64	93 65	94 69	89 67	87 68	95 68	92 69	96 69	99 66	95 66	97 66	95 74	90 71	92 67	92 68	92 68	90 68	94 68	89 72	91 68	91 68	94 68	91.6	
NORFORK OAM	MAX MIN	89 55	85 53	86 60	88 66	82 66	92 66	98 69	96 65	93 61	89 66	88 67	89 71	88 68	95 71	91 65	94 66	95 69	85 66	93 70	96 70	95 70	93 67	84 64	88 67	95 72	89 68	95 64	95 69	96 65	91.3		
OOEN	MAX MIN	85 64	89 65	89 74	92 70	93 64	94 65	90 65	87 68	88 71																							
OKAY	MAX MIN	92 65	91 59	92 69	93 70	95 69	95 69	95 69	96 69	98 68	97 69	97 69	92 71	95 71	97 71	97 73	98 74	98 71	97 69	96 74	97 71	98 74	97 70	96 68	96 75	97 75	101 73	99 76	92 73	95 71	95 75	95.7	
OZARK	MAX MIN	90 60	85 60	85 64	88 68	84 71	90 67	92 69	93 71	92 69	92 68	91 73	91 71	92 72	91 70	92 70	92 70	92 70	95 72	91 70	92 72	95 73	91 72	84 72	90 72	96 72	87 72	95 72	93 71	92 68	91.0		
PARAGOULO	MAX MIN	85 58	92 55	94 69	95 70	93 71	91 69	97 68	96 69	95 65	95 69	95 64	89 63	91 60	94 71	93 70	96 70	94 66	96 71	93 70	92 79	92 72	82 69	86 61	90 61	90 72	90 70	95 70	96 70	95 64	92.4		
PERRYVILLE	MAX MIN	85 62	86 62	86 63	83 63	87 57	88 58	90 62	91 71	92 78	93 73	90 61	91 61	92 67	93 65	94 67	94 71	94 69	93 66	93 70	94 70	95 70	96 68	97 67	98 67	99 68	100 68	100 68	100 68	100 68	100 68	100.0	
PINE BLUFF	MAX MIN	91 65	87 64	90 68	97 74	92 76	97 70	94 73	100 74	99 70	97 73	96 72	94 73	93 72	94 73	92 76	97 74	99 74	95 70	96 72	97 74	95 72	96 75	96 75	91 70	99 74	95 72	92 72	96 74	95 75	96 76	95.0	
POCAHONTAS 1	MAX MIN	85 60	89 56	92 64	91 68	93 71	89 67	99 72	91 67	92 67	92 67	91 70	92 73	91 71	92 70	96 72	94 70	93 69	94 69	95 72	94 74	95 74	93 74	86 72	85 72	92 72	89 74	95 74	96 73	94 69	91.9		
PORTLAND	MAX MIN	92 68	89 64	90 65	94 70	92 74	97 71	92 69	97 70	99 69	97 69	97 70	95 73	92 72	92 74	95 73	97 72	93 71	95 69	96 72	97 71	93 72	95 72	97 72	100 72	97 73	100 73	100 73	96 70	96 71	95.5		
PRESCOTT	MAX MIN	93 69	90 60	91 63	93 69	86 62	94 69	95 69	98 68	98 69	98 68	93 68	93 67	95 68	96 72	98 71	98 68	95 67	97 67	96 73	97 74	97 74	96 72	98 73	94 71	100 71	98 74	91 70	97 72	99 71	99 72	95.4	
ROGERS	MAX MIN	86 55	84 56	78 63	83 68	90 65	88 63	91 68	92 65	90 67	87																						

TABLE 5 — Continued
DAILY TEMPERATURE (°FAHRENHEIT)

ARKANSAS
JULY 1948

STATION	DAY OF MONTH																															MEAN	
	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		
SAINT CHARLES	MAX MIN	88 60	86 66	95 72	95 74	96 69	87 70	84 71	96 68	84 70	71 73	72 71	71 75	74 74	72 69	68 68	93 75	93 75	92 75	93 72	91 70	89 70	95 74	92 71	89 73	93 73	94 73	95 74	87 63	91.2 71.1			
SEARCY	MAX MIN	84 60	88 59	95 65	87 72	90 73	85 67	98 71	94 72	93 68	94 72	93 71	93 70	91 72	93 73	92 74	96 73	97 72	93 73	96 69	96 74	96 75	97 74	89 73	90 69	97 70	90 72	95 72	98 70	99 73	92 71	93.2 70.7	
SHERIDAN	MAX MIN	83 66	88 53	93 63	85 68	93 66	91 63	95 68	94 66	93 62	92 66	89 67	91 68	92 67	95 71	96 69	95 68	94 69	94 65	95 76	94 71	95 70	90 69	89 70	98 69	98 68	90 68	96 69	96 69	97 70	92 71	92.7 67.4	
SILLOAM SPRINGS	MAX MIN	86 58	83 60	80 63	83 69	89 66	89 63	92 67	91 66	91 66	85 67	87 69	84 70	90 69	92 68	86 66	86 66	92 70	88 67	90 74	92 73	90 70	91 76	92 75	88 75	83 69	90 66	93 66	88 94	92 92	89 83	85 58	88.1 67.2
STUTTGART	MAX MIN	83 63	85 67	90 71	86 71	92 70	90 71	92 73	91 70	90 72	91 75	91 73	90 72	88 72	90 76	91 73	92 73	92 74	90 70	91 76	91 75	91 74	87 71	85 72	92 74	92 72	87 75	92 74	91 75	93 75	93 74	90.0 72.4	
STUTTGART 9ESE	MAX MIN	88 67	82 64	87 68	93 73	93 75	93 70	92 71	95 72	93 69	91 71	91 70	92 72	90 72	89 72	93 75	92 75	92 72	93 73	92 70	91 73	94 75	92 73	94 74	89 69	87 71	94 74	91 71	87 73	92 73	92 74	91.2 71.7	
SUBIACO	MAX MIN	84 60	80 63	80 65	81 67	86 65	88 59	88 59	89 64	88 63	89 65	91 66	88 70	90 70	92 70	90 70	91 74	91 74	91 73	92 66	95 69	95 66	89 74	83 70	88 71	95 71	90 71	91 71	92 73	91 73	90 70	89.0 70.9	
TEXARKANA WB AIRPORT	MAX MIN	90 69	91 63	92 71	90 71	93 70	94 59	89 73	96 75	96 72	94 69	87 70	93 72	95 76	96 74	97 76	97 76	97 74	95 73	96 74	95 75	96 76	98 75	96 76	94 76	100 77	96 76	82 73	93 74	95 75	94 70	93.7 73.0	
TURNPIKE	MAX MIN	79 60	77 65	79 65	76 67	83 65	83 51	88 59	86 64	84 63	85 65	84 65	77 57	82 57	82 66	83 66	85 69	87 66	80 66	86 66	85 69	85 69	87 59	85 53	81 53	86 56	83 63	86 65	86 65	85 57	84 63	81 63	83.2 63.2
WALORON	MAX MIN	89 57	87 55	85 63	85 69	92 68	92 66	89 68	94 68	93 65	90 66	93 66	90 70	93 70	96 70	95 72	96 70	99 69	94 68	96 66	93 70	95 74	93 72	86 71	92 69	97 71	94 71	92 70	96 72	96 68	94 72	91 68	92.6 68.1
WARREN	MAX MIN	88 67	92 71	94 71	96 72	94 73	96 71	98 71	98 71	97 72	98 71	94 73	93 70	95 71	93 70	95 73	97 77	96 73	96 74	94 70	96 73	97 72	97 75	96 73	96 77	94 73	94 74	91 64	97 73	96 71	95.0 71.9		
WHITE ROCK	MAX MIN	81 64	78 60	72 64	75 66	84 67	85 65	86 72	86 65	86 68	82 68	82 68	79 68	86 70	89 69	84 70	86 70	88 69	83 67	89 68	85 70	87 70	86 67	79 68	83 66	85 69	83 65	87 67	86 64	83 72	83 73	84 65	83.6 67.4
WYNNE	MAX MIN	83 63	89 62	95 68	94 73	95 75	88 70	97 68	92 72	93 67	90 71	92 71	89 73	87 71	92 72	94 73	94 70	92 73	92 69	92 77	94 76	92 71	84 70	86 66	93 68	89 73	92 72	94 73	94 73	95 74	86 71	91.2 70.9	

See Reference Notes Following Station Index

ARKANSAS
JULY 1948

STATION INDEX - Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	O LAT.	O LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
FULTON	2670	HEMPSTEAD	RED	33 37	93 48	260	C		8A	62		INA J. LOGAN	2 3 7	
GARLAND	2710	MILLER	RED	33 21	93 42	230	C		7A	4		L. D. OENNEY	2 3 7	
GEORGETOWN	2760	WHITE	WHITE	35 07	91 26	200	C		7A	35		J. S. MC DONALD	2 3 7	
GILBERT	2794	SEARCY	WHITE	35 59	92 43	650	C	7A	7A	22	22	D. O. OENNIS	2 3 4 5 7	
GLENWOOD	2842	PIKE	OUACHITA	34 20	93 33	547	C		8A	13		CHARLES A. PRICE	2 3 7	
GRANNIS	2908	POLK	RED	34 14	94 20	920	C	7A	7A	22	22	W. E. MC VAY	2 3 5	
GRAVELLY	2922	YELL	ARKANSAS	34 53	93 41	498	C		7A	8		HAROLD L. FRIZZELL	2 3 7	
GRAVETTE	2930	BENTON	ARKANSAS	36 36	94 32	1250	C	6P	6P	50	50	J. A. SCHMIOT	2 3 5	
GREEN FOREST	2946	CARROLL	WHITE	36 20	93 26	1350	C		7A	8		OBEO B. WILSON	2 3 5	
GREEN MOUNTAIN	2952	STONE	WHITE	36 02	92 12	1100	C	5P	5P	10	10	U. S. FOREST SERVICE	2 3 5	
GREENBRIER	2962	FAULKNER	ARKANSAS	35 14	92 14	360	C		7A	5		J. O. CANTRELL	2 3	
GREENWOOD	2976	SEBASTIAN	ARKANSAS	35 13	94 15	518	C		7A	8		RODOTHY M. BEEN	2 3	
GURON	3074	CLARK	OUACHITA	33 54	93 09	210	C		7A	0		ROY S. ROBBS	2 3	
HAMPTON	3098	CALHOUN	OUACHITA	33 32	92 28	202	C		7A			BILL S. WATSON	2 3	
HARDY	3132	SHARP	WHITE	36 19	91 29	362	C		MID	8		T. B. DONALSON	2 3 4	
HARRISBURG	3160	POINSETT	ST. FRANCIS	35 34	90 44	280	C		MID	7		JOHN D. MAY	2 3 4	
HARRISON	3164	BOONE	WHITE	36 14	93 07	1052	C	6P	6P	47	47	R. C. BEENE	2 3 5	
HEBER SPRINGS 3 MI. S.W.	3230	CLEBURNE	WHITE	35 28	92 03	-	C		MIO	6		WAYNE STARK	2 3 4	
HECTOR	3235	POPE	ARKANSAS	35 28	92 58	555	C		7A	0		NETTIE R. ALTER	2 3	
HELENA	3242	PHILLIPS	MISSISSIPPI	34 33	90 38	200	C	7A	7A	75	75	JAMES A. BURNETT	2 3 5 7	
HENOERSON	3258	BAXTER	WHITE	36 22	92 14	498	C		6P	7		DAISY A. PORTER	2 3	
HILLEMANN	3354	WOODRUFF	WHITE	35 08	91 05	231	C		6P	5		JOHN B. MAULON	2 3	
HOPPE	3428	HEMPSTEAD	RED	33 43	93 33	375	C	7A	7A	77	77	UNIV. OF ARKANSAS	2 3 5 6	
HOPPER	3438	MONTGOMERY	WHITE	34 22	93 41	700	C		7A	0		MRS. LONA A. SHIELDS	2 3	
HORATIO	3442	SEVIER	RED	33 56	94 22	337	C		6A	2		ELIZABETH W. FRIODAY	2 3 7	
HOT SPRINGS NATL. PARK	3466	GARLAND	OUACHITA	34 31	93 03	630	C	7A	7A	55	55	NATIONAL PARK SERVICE	2 3 5	
HUNTSVILLE	3540	MAISON	WHITE	36 05	93 44	1453	C		MID	8		MRS. MAY P. MARKELY	2 3 4	
HUTTIG OAM	3556	UNION	OUACHITA	33 02	92 05	60	C		8A			U. S. ENGINEERS	2 3 4	
ICELEO	3570	NEWTON	WHITE	35 52	92 59	1365	C		5P	4		LOY E. HILL	2 3	
INDEX	3584	LITTLE RIVER	RED	33 35	94 03	300	C		8A	23		W. E. MC OOWELL	2 3 7	
JASPER	3600	NEWTON	WHITE	36 01	93 11	857	C		7A			MRS. LETTIE D. DAVIS	2 3	
JONESBORO	3734	CRAIGHEAD	WHITE	35 50	90 42	345	C	7A	7A	52	52	BENEDICTINE SISTERS	2 3 5	
KEO	3862	LONOKE	ARKANSAS	34 36	92 00	230	C		7P			R. A. WALLER	2 3 5	
KINGSLAND	3904	CLEVELAND	OUACHITA	33 50	92 16	214	C		MIO	5		CLAUDIE W. HUNTER	2 3 4	
LAKE CITY	3998	CRAIGHEAD	ST. FRANCIS	35 49	90 26	230	C		4P	8		TRESSA ST. CLAIR	2 3	
LAKE LEATHERWOOD	4006	CARROLL	WHITE	36 27	93 46	-	C		MID	3		CECIL E. MABERRY	2 3 4	
LANGLEY	4060	PIKE	OUACHITA	34 19	93 50	-	C		7P	4		MRS. J. A. JONES	2 3	
LEAD HILL	4106	BOONE	OUACHITA	36 24	92 54	650	C	7P	7P	42	42	F. W. KELLOGG	2 3 5	
LEE CREEK	4116	CRAWFORD	ARKANSAS	35 42	94 19	1000	C		7A	2		ORPHA W. COOKSEY	2 3	
LEOLA	4134	GRANT	OUACHITA	34 10	92 35	261	C		7A	5		J. R. RHOODES	2 3	
LITTLE ROCK WB AIRPORT	4248	PULASKI	ARKANSAS	34 44	92 14	265	C	MIO	MIO	68	68	U. S. WEATHER BUREAU	2 3 4 5 7	
LITTLE ROCK FILT. PLANT	4250	PULASKI	ARKANSAS	34 46	92 19	512	C		MIO			L. R. WATER WORKS	2 3	
LOCK AND DAM NO. 3	4256	INDEPENDENCE	WHITE	35 51	91 51	370	C		7A			ED ANSEL	2 3 7	
LOST CORNERS	4324	POPE	WHITE	35 34	92 50	1550	C		7A			CATH. T. RUSSELL	2 3	
LOUANN	4332	OUACHITA	OUACHITA	33 24	92 48	132	C		6P	4		CHARLES S. CURRAN	2 3	
LURTON	4386	NEWTON	WHITE	35 46	93 05	2007	C		8A			I. C. SUTTON	2 3	
LUTHERVILLE	4390	JOHNSON	ARKANSAS	35 29	93 15	775	C	6P	6P	51	51	MRS. H. G. LENHARDT	2 3 5	
MADISON	4528	ST. FRANCIS	ST. FRANCIS	35 00	90 43	215	C		7A	17		J. W. EPPES	2 3 7	
MAGNOLIA	4548	COLUMBIA	RED	33 17	93 14	315	C	6P	6P	31	31	STATE AGR. SCHOOL	2 3 4 5	
MALVERN	4562	HOT SPRINGS	OUACHITA	34 22	92 49	311	C		8A	52	52	JODIE W. MC MULLEN	2 3	
MAMMOTH SPRING	4572	FULTON	WHITE	36 29	91 32	600	C	8A	8A	43	43	CATHERINE S. COX	2 3 5	
MARIANNA	4638	LEE	ST. FRANCIS	34 44	90 49	234	C	8A	8A	36	36	UNIV. OF ARKANSAS	2 3 4 5	
MARKED TREE	4654	POINSETT	ST. FRANCIS	35 32	90 25	229	C	7A	7A	43	43	CHARLES WALTON	2 3 5 7	
MARSHALL	4666	SEARCY	WHITE	35 55	92 43	1050	C	6P	6P	29	29	MRS. MINNIE HORTON	2 3 5	
MARVELL	4678	PHILLIPS	WHITE	34 33	90 55	195	C		8A			J. O. LOWRIE	2 3	
MAUMEE	4696	SEARCY	WHITE	36 03	92 39	749	C		MIO	8		NADINE F. DAVENPORT	2 3 4	
MELBOURNE	4746	IZARD	WHITE	36 04	91 54	610	C		7A	3		WALTER E. HALL	2 3	
MENA	4756	POLK	OUACHITA	34 35	94 15	1207	C	7A	7A	59	59	E. W. ST. JOHN	2 3 4 5	
MONTICELLO	4900	OREW	OUACHITA	33 35	91 50	250	C	MID	MID	7	7	AIRWAY OBSERVER	2 3 4 5	
MONTROSE	4906	ASHLEY	OUACHITA	33 18	91 29	125	C		MID	5		JAMES L. ALSBROOK	2 3 4	
MOROBAY LOCK AND DAM	4934	CALHOUN	OUACHITA	33 19	92 27	85	C		6P	8		U. S. ENGINEERS	2 3 4	
MORRILTON	4938	CONWAY	ARKANSAS	35 08	92 44	328	C	7A	7A	31	31	L. A. DICUS	2 3 5 7	
MOUNT IOA	4988	MONTGOMERY	OUACHITA	34 33	93 37	702	C	6P	6P	48	48	J. S. WHITTINGTON	2 3 5	
MOUNT IDA RIVER	4990	MONTGOMERY	OUACHITA	34 33	93 37	-	C		MIO	4		JOHN WALLBRITTON	2 3 4	
MOUNTAIN HOME	5036	BAXTER	WHITE	36 20	92 30	800	C	7P	7P	35	35	H. N. HALBERT	2 3 4 5	
MOUNTAIN VIEW	5046	STONE	WHITE	35 52	92 08	768	C		7A	8		W. D. WORTHINGTON	2 3	
MOUNTAINBURG	5056	CRAWFORD	ARKANSAS	35 38	94 10	736	C		6P	10		C. A. LOVELL	2 3	
MULBERRY	5072	FRANKLIN	ARKANSAS	35 34	94 01	500	C		7A	8		HENRY G. ARVIN	2 3 7	
MURFREESBORO	5078	PIKE	OUACHITA	34 04	93 41	367	C		MID	8		ERNEST J. BABBITT	2 3 4	
NASHVILLE	5112	HOWARD	OUACHITA	33 58	93 51	350	C	7P	7P	9	9	BRICE CARRUTH	2 3 5	
NASHVILLE S C S	5114	HOWARD	RED	33 57	93 51	373	C		MID	4		S C S	2 3 4	
NEWHOPE	5174	PIKE	OUACHITA	34 14	93 50	850	C		7A	8		FLOYD WORD	2 3	
NEWPORT	5186	PIKE	WHITE	35 36	91 17	225	C	7A	7A	64	64	WILLIS T. MOYER	2 3 5 7	
NIMROD DAM	5200	PERRY	ARKANSAS	34 57	93 10	470	C	8A	8A	6	6	U. S. ENGINEERS	2 3 4 5 6	
NORFORK DAM	5228	BAXTER	WHITE	36 15	92 15	425	C	8A	8A	2	7	U. S. ENGINEERS	2 3 4 5 6	
ODELL	5354	WASHINGTON	ARKANSAS	35 48	94 24	1500	C		7A			MRS. RENZO HURST	2 3	
OEN	5358	MONTGOMERY	OUACHITA	34 38	93 48	800	C		MIO	20		U. S. FOREST SERVICE	2 3	
OKAY	5376	HOWARD	REO	33 44	93 56	300	C	5P	5P	19	19	J. T. HARGIS	2 3 5	
OSCEOLA	5480	MISSISSIPPI	MISSISSIPPI	35 43	89 58	250	C		8A	47		C. E. CARTER	2 3	
OWENSVILLE	5498	SALINE	OUACHITA	34 27	92 49	500	C		8A	4		GUY COOK	2 3	
OZARK	5508	FRANKLIN	ARKANSAS	35 29	93 50	396	C	6A	6A	52	52	ORKNEY D. MILTON	2 3 5 7	
PARAGOULO	5562	GREEN	ST. FRANCIS	36 04	90 29	275	C	4P	4P	24	24	KDRS	2 3 5	
PARKIN	5586	CROSS	ST. FRANCIS	35 16	90 35	222	C		7A	17		CARROLL KING	2 3 7	
PERRYVILLE	5694	PERRY	ARKANSAS	35 00	92 49	325	C	6P	6P	8	8	PAULINE BENNETT	2 3 5 7	
PINE BLUFF	5754	JEFFERSON	ARKANSAS	34 12	92 00	215	C	7A	7A	60	60	MARY L. SCHEU	2 3 5 7	
PINE BLUFF AP 3 MI. N.	5756	JEFFERSON	ARKANSAS	34 15	92 00	215	C	MID	MID			AIRWAY OBSERVER	2 3 4	
PINE RIDGE	5760	MONTGOMERY	OUACHITA	34 35	93 54	840	C		7A	23		J. R. HUDDLESTON	2 3	
POCAHONTAS	5820	RANDOLPH	WHITE	36 16	90 59	330	C	5P	5P	54	54	BENEDICTINE SISTERS	2 3 5	
PORTLAND	5866	ASHLEY	OUACHITA	33 14	91 30	122	C	7A	7A	41	41	MRS. PEARL NEWTON	2 3 5	

STATION INDEX — Continued

ARKANSAS
JULY 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT.		LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
				O	/			ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
PRESCOTT	5908	NEVAOA	OUACHITA	33	48	93	23	318	C	7A	7A	59	59	R. P. HAMPTON	2 3 4
PRESCOTT S C S	5910	NEVAOA	OUACHITA	33	48	93	23	-	C	MID	7	7	W. L. MCLEAN	2 3 4	
PYATT	5970	MARION	WHITE	36	16	92	51	800	C	MID	6	6	ONA V. MCLEAN	2 3 4	
RATCLIFF	6008	LOGAN	ARKANSAS	35	18	93	53	463	C	7A	7A	8	LULA MAE WEEKS	2 3 4	
RAVANA	6016	MILLER	REO	33	04	94	02	250	C	MID	8	8	ARNICE O. TAYLOR	2 3 4	
REO STAR	6078	MAOISON	WHITE	35	51	93	31	2250	C	7A	7A	5	ORVAL F. CALLOWAY	2 3 4	
REMMEL DAM	6102	HOT SPRING	OUACHITA	34	26	92	34	-	C	MID	8	8	ARK. P. & L. CO.	2 3 4	
RISON	6174	CLEVELAND	OUACHITA	33	48	92	11	231	C	8A	8A	32	J. H. YANEY	2 3 4	
ROCKHOUSE	6214	MAOISON	WHITE	36	17	93	40	1214	C	7A	7A	2	CLAUDE O. DISCO	2 3 4	
ROGERS	6248	BENTON	WHITE	36	18	94	02	1387	C	6P	6P	57	57	HOWARD FOWLER	2 3 4
RUSSELLVILLE	6352	POPE	ARKANSAS	35	18	93	08	360	C	5P	5P	35	35	U. S. FOREST SERVICE	2 3 4
SAINT CHARLES	6376	ARKANSAS	WHITE	34	23	91	08	200	C	8A	8A	14	14	U. S. BIOL. SURVEY	2 3 4 5 6
SAINT FRANCIS	6380	CLAY	ST. FRANCIS	36	27	90	08	300	C	7A	7A	20	20	WILLIAM W. BUCKLEY	2 3 4
SAINT FRANCIS LAKE	6382	CLAY	ST. FRANCIS	35	15	91	44	245	C	7P	7P	37	37	CHARLES W. WALTON	2 3 4
SEARCY	6506	WHITE	WHITE	35	15	91	44	245	C	7P	7P	37	37	ARTHUR D. SMITH	2 3 4
SHERIDAN	6566	GRANT	OUACHITA	34	27	92	21	290	C	6P	6P	7	7	ARK. FORESTRY COM.	2 3 4
SHIRLEY	6586	VAN BUREN	WHITE	35	38	92	17	600	C	6P	6P	7	7	MAUD H. BRADFORD	2 3 4
SILGAM SPRINGS	6624	BENTON	WHITE	36	11	94	33	1150	C	6P	6P	7	7	JOHN BROWN UNIVERSITY	2 3 4
SMITHVILLE	6698	LAWRENCE	WHITE	36	05	91	18	450	C	MID	2	2	NORA F. R'DY	2 3 4	
STAR CITY	6820	LINCOLN	OUACHITA	33	57	91	50	250	C	2P	2P	5	5	R. A. GOYEN	2 3 4
STEVE	6856	YELL	ARKANSAS	34	53	93	19	682	C	7A	7A	4	4	T. P. SIMS	2 3 4
STORY	6890	MONTGOMERY	OUACHITA	34	42	93	31	650	C	7A	7A	23	23	S. C. STORY	2 3 4
STUTTART	6918	ARKANSAS	ARKANSAS	34	29	91	32	214	C	7A	7A	60	60	GEORGE L. CLARK	2 3 4 5 6
STUTTART 9 MI. ESE.	6920	ARKANSAS	ARKANSAS	34	28	91	25	198	C	7A	7A	12	12	UNIV. OF ARKANSAS	2 3 4 5 6
SUBIACO	6928	LOGAN	ARKANSAS	35	18	93	39	500	C	7P	7P	49	49	NEW SUBIACO A BEY	2 3 4
SUGAR GROVE	6940	LOGAN	ARKANSAS	35	04	93	48	500	C	9A	9A	8	8	D. R. FENNELL	2 3 4
SUGAR LOAF MOUNTAIN	6944	CLEBURNE	WHITE	35	29	91	58	300	C	7A	7A	3	3	SANTFRED REYNOLDS	2 3 4
TAYLOR	7038	COLUMBIA	REO	33	06	93	27	247	C	6P	6P	5	5	YANCY M. NORWOOD	2 3 4
TEXARKANA WB AIRPORT	7048	MILLER	RED	33	27	94	00	368	C	MID	MID	63	63	U. S. WEATHER BUREAU	2 3 4
TINSMAN	7118	CALHOUN	OUACHITA	33	38	92	21	170	C	7A	7A	5	5	HENRY S. SPEER	2 3 4
TURNPIKE	7262	POPE	ARKANSAS	35	40	93	05	2087	C	6P	6P	23	23	U. S. FOREST SERVICE	2 3 4
VAN BUREN	7370	CRAWFORD	ARKANSAS	33	19	92	09	115	C	6P	6P	6	6	JEN CORNELUS	2 3 4
VICK	7420	BRADLEY	OUACHITA	36	24	91	59	692	C	7A	7A	7	7	WILLARD K. SHARP	2 3 4
VIOLA	7450	FULTON	WHITE	34	54	94	06	675	C	5P	5P	28	28	A. F. KING	2 3 4
WALORON	7488	SCOTT	ARKANSAS	34	54	94	06	675	C	5P	5P	28	28	WILLIAM O. BIVENS	2 3 4
WALNUT GROVE	7524	INDEPENOECE	WHITE	35	51	91	21	250	C	6P	6P	7	7	A. H. FAST	2 3 4
WARREN	7582	BRADLEY	OUACHITA	33	36	92	04	206	C	6P	6P	53	53	C. N. TURNER	2 3 4
WEDINGTON LAKE	7638	WASHINGTON	ARKANSAS	36	06	94	23	1150	C	MID	MID	3	3	HARRY E. IRKINSHA	2 3 4
WEST FORK	7694	WASHINGTON	WHITE	35	55	94	11	1340	C	MID	MID	8	8	MRS. N. C. THRELKELD	2 3 4
WHEELING	7744	FULTON	WHITE	36	19	91	52	680	C	MID	MID	8	8	THOMAS W. COLE	2 3 4
WHITE CLIFFS	7812	LITTLE RIVER	REO	33	48	94	05	-	C	7A	7A	11	11	L. M. SNEAD	2 3 4
WHITE ROCK	7772	FRANKLIN	ARKANSAS	35	41	93	57	2285	C	5P	5P	11	11	U. S. FOREST SERVICE	2 3 4
WILSON	7912	MISSISSIPPI	MISSISSIPPI	35	34	90	02	237	C	7A	7A	22	22	D. O. ANDERSON	2 3 4
WINFREY	7936	CRAWFORD	ARKANSAS	35	44	94	06	1152	C	MID	MID	8	8	CLYDE F. MEADOR	2 3 4
WING	7950	YELL	ARKANSAS	34	57	93	28	350	C	MID	MID	5	5	MILES B. TIRNE	2 3 4
WYNNE	8052	CROSS	ST. FRANCIS	35	13	90	46	260	C	6P	6P	39	39	P. G. WITENSPEARY	2 3 4
YELLVILLE	8084	MARION	WHITE	36	13	92	41	900	C	7A	7A	3	3	L. E. JOHNSON	2 3 4
NATHAN	5358	HOWARD	OUACHITA	34	07	93	52	550	C	7A	7A	0	0	EDNA J. WESTFALL	2 3 4
PARTHENON	5602	NEWTON	ARKANSAS	35	57	93	15	925	C	MID	MID	8	8	ARTHUR B. CARLTON	2 3 4

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

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

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

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record.
- + And also on later dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- 6 Precipitation measured at 6-hourly intervals, no recording gage.
- 6X Precipitation measured at 6-hourly intervals, no recording gage. Daily totals for the 24 hours ending at 12:30 A.M., CST of the following day.
- M One or more days of record missing; see Table 5 for detailed daily record.
- AR This entry in time of observation column in Station Index means after rain.
- K Total includes snow which accumulated in collar of the gage during previous period, and fell into gage for this measurement.
- R Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.
- T Amount too small to measure.
- Z Hourly amounts from recording gage at the same site may be found in Table 4.

Data in Table 4 were formerly published in the Hydrologic Bulletin for Lower Mississippi-West Gulf. Amounts in this table are from recording gages. Traces are not shown.

Subscription Price: 15 cents per copy; \$1.50 a year. (Yearly subscription includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, Room #9, U. S. Court House, Fort Worth 2, Texas.



ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.



U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

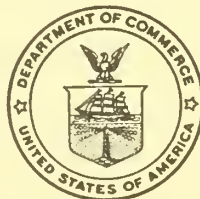
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CLIMATOLOGICAL DATA

ARKANSAS

AUGUST 1948

Volume LIII No. 8



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ARKANSAS AUGUST 1948

Walter C. Hickmon, Section Director - Little Rock

GENERAL SUMMARY

LOWS, or low troughs, covered most of the South during the first half of the month. Although no LOWS passed directly over Arkansas, the weather for the first 16 days was ruled by the weak frontal systems associated with Southern LOWS. More than two-thirds of the month's rainfall fell during this period.

During the latter half of the month, the air circulation over Arkansas was due to HIGHS located along the Atlantic Coast. This brought moist tropical air over the state, and upslope rains during the last few days of the month.

The month ended up being the coolest since 1940, mostly due to cloudiness during the afternoons; and the wettest since 1944. Temperatures generally were higher from about the 13th on, with most of the high temperatures being recorded from the 13th to 15th.

The rainfall, while above the 58-year average for August, was not too well distributed, and resulted in varying slight damage to crops. The NE and SW corners of the State suffered the most from lack of rainfall with recorded falls as low as 20% of normal.

The most seriously damaged section was from an overabundance of rain, and covered most of Benton and Washington Counties. Stations in these two counties reported the heaviest rains since 1915, when major floods caused millions of dollars damage in the White Basin. The main damage this year was to the Tomato and Grape crops.

Even though August weather damaged some crops slightly, bumper yields of most crops were in prospect for the crop-season.

STORMS

High winds were reported on a total of 13 days during the month by 38 stations, but only two were serious enough to have any appreciable damage reported. Pine Bluff reported damage of \$10,000.00 from a combination of rain and wind of the afternoon of the 15th. 1.40 inches of rain fell in 35 minutes during this storm, causing flooding of streets and stores; a roof of a Service Garage was reported to have caved in during the rain.

A windstorm struck Forrest City during the evening of the 30th, causing widespread damage to roofs, power-lines, windows, and trees, estimated at \$25,000.

Thunderstorms were reported on 26 days, with more than fifty being reported on each of the following days: 8th, 9th, 11th, 14th and 15th. Hail was reported four times, but was apparently too light to damage crops.

There were no floods on any of the main rivers.

TEMPERATURES

The mean temperature for the month was 78.0°, 2.1° below the 58-year average. Only two stations, El Dorado and Camden, reported mean temperatures above their seasonal average, and these were 0.2° and 0.1°, respectively.

There were no records set for extremes during the month, and the highest reported was 108° at Magnolia on the 13th, 107° at El Dorado on the 15th. Lead Hill reported the lowest with 46° on the 6th; Harrison also reported 48° on the 6th.

Magnolia reported the highest mean for the month, with 82.6°, and Green Mountain was low, with 73.0°. Sixteen stations reported maximum readings of 100° or more, during the month.

PRECIPITATION

The mean precipitation was 4.25 inches, 0.71 inch above the 58-year average. The distribution over the State was rather poor though; and ranged from 0.67 inch at Lake City, to 15.16 inches at West Fork.

The areas suffering most from lack of rain lay within a radius of 40 miles of Texarkana in the SW, and 100 miles radius of St. Francis in the NE. Craighead County was the driest in the State, with considerably less than an inch.

The greatest amount of rain fell along the Arkansas River, and the counties just north of it; Ashley and the eastern part of Union; Polk and Scott; and the Washington, Benton, and Madison County area. The number of days with rain ranged from 11 to 15 days in the NW portion of the State, as compared with a normal of 6 days.

TABLE 1
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION			YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE		MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1891	76.4	108	39	2.75	0	5	1921	81.5	106	56	5.46	0	8
1892	78.3	106	47	4.39	0	9	1922	80.4	111	51	1.90	0	5
1893	77.3	102	48	3.08	0	5	1923	81.9	109	49	2.43	0	4
1894	78.1	104	48	4.63	0	8	1924	82.2	108	43	2.40	0	5
1895	79.4	102	55	2.64	0	4	1925	80.3	108	47	1.81	0	4
1896	82.6	112	48	2.32	0	5	1926	80.7	110	47	5.50	0	10
1897	79.6	111	45	2.59	0	5	1927	76.6	105	43	6.01	0	10
1898	79.4	108	54	4.35	0	7	1928	81.3	105	51	4.62	0	7
1899	82.2	112	54	2.04	0	4	1929	80.8	110	41	1.29	0	3
1900	81.1	108	57	2.95	0	5	1930	81.8	114	46	2.53	0	5
1901	80.5	109	52	2.95	0	6	1931	76.7	103	42	4.71	0	9
1902	80.7	108	51	2.55	0	4	1932	81.5	104	47	1.78	0	5
1903	78.7	105	47	4.34	0	8	1933	79.1	101	49	4.42	0	8
1904	78.1	105	46	2.81	0	6	1934	84.8	116	48	2.75	0	6
1905	79.1	103	51	3.73	0	6	1935	82.0	113	46	1.74	0	4
1906	77.9	100	42	4.92	0	10	1936	85.0	120	43	0.44	0	2
1907	82.0	113	54	2.92	0	6	1937	82.3	111	55	3.45	0	7
1908	79.3	103	52	4.48	0	8	1938	83.2	109	54	2.26	0	5
1909	82.4	111	47	1.27	0	4	1939	80.2	107	49	2.50	0	6
1910	79.2	104	43	3.92	0	8	1940	77.7	104	45	4.96	0	9
1911	78.0	107	45	8.19	0	12	1941	80.7	107	50	3.94	0	9
1912	78.7	105	45	3.30	0	7	1942	78.8	106	53	6.96	0	9
1913	82.1	107	46	1.62	0	3	1943	84.6	113	48	1.03	0	3
1914	78.5	104	57	6.81	0	12	1944	80.0	104	50	4.90	0	9
1915	74.7	102	40	10.44	0	11	1945	78.9	104	48	3.16	0	6
1916	81.8	107	46	2.63	0	5	1946	79.0	109	43	1.87	0	4
1917	77.1	104	43	4.10	0	8	1947	84.5	111	56	2.20	0	4
1918	82.6	115	52	3.90	0	7	1948	78.0	108	46	4.25	0	8
1919	80.6	113	55	4.29	0	7	PERIOD	80.1	120	39	3.54	0	6
1920	76.8	102	46	4.08	0	8							

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

STATIONS	SEA LEVEL PRESSURE EXTREMES - INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUNSHINE	
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	PERCENT OF POSSIBLE	DEGREE DAYS 65° BASE
Fort Smith WB AP	30.18	5	29.81	11	6.0	22	NW	12	88	92	59	62	67	0
Little Rock WB AP	30.21	28	29.89	12	5.8	24	NE	30	87	90	61	67	68	0
Texarkana WB AP	30.18	29	29.84	13	-	40	NNE	15	76	87	51	53	-	0

TABLE 2
CLIMATOLOGICAL DATA

ARKANSAS
AUGUST 1948

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES										
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS			TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS		
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW	OR					TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
ABBOTT									4.90		1.36	8	.0			9	6	2	
ALICIA									3.10		1.53	13				6	4	1	
ALPINE									5.83		3.14	8	.0			8	4	1	
ALUM FORK	77.9	- 1.9	95	21+	55	6	17	0	4.38	0.10	1.25	9	.0			7	5	2	
ALY									4.10		1.09	8				7	4	2	
APLIN									5.84		1.18	10	.0			11	7	2	
APPLETON									2.96		1.41	11				4	3	1	
ARKADELPHIA	79.5	- 1.5	98	14	56	6	23	0	4.26	0.61	1.94	9	.0			10	3	2	
ARKANSAS CITY									2.96	- 0.56	1.33	9	.0			6	3	1	
ASHDOWN	79.7		102	13	55	5	26	0	2.24		.98	15	.0			5	3	0	
ATHENS									5.32		1.90	8	.0			8	6	1	
AUGUSTA									4.26		1.76	15	.0			8	5	1	
BATESVILLE AIRWAY	77.7	- 1.6	98	23	54	6	17	0	2.77		1.30	14	.0			9	4	1	
BATESVILLE LIVESTCK	76.2M		96	21+	49	6	17	0	2.21		1.31	15	.0			6	3	1	
BATESVILLE L D 1									2.69	- 1.42	1.27	14	.0			8	4	1	
BEAR CREEK LAKE									3.74		2.30	25				5	4	1	
BEATY LAKE									1.75		.89	15	.0			6	2	0	
BEAVER									4.29		1.32	11	.0			11	6	1	
BEE BRANCH	77.6	- 2.4	95	3+	54	6	19	0	2.40	- 1.27	.82	8	.0			6	4	0	
BEECH GROVE									1.63		.50	10+	.0			6	2	0	
BEEDEVILLE									1.52		.81	14	.0			2	2	0	
BENTON	78.5	- 1.4	96	14+	53	6	22	0	2.88		.71	10	.0			7	4	0	
BENTONVILLE	75.2	- 2.7	97	23	52	5+	15	0	7.33	3.29	1.96	11	.0			10	9	3	
BETHESDA	74.5		95	22+	49	6	13	0	2.91		1.20	14	.0			5	5	1	
BIG FLAT									3.36		.89	9	.0			10	4	0	
BIG FORK									3.70		2.00	8	.0			5	3	1	
BIG LAKE OUTLET									1.01	- 1.60	.29	10	.0			6	2	0	
BLACK ROCK									2.67	- 1.44	1.30	15	.0			5	3	1	
BLUE MOUNTAIN DAM									4.76		1.22	15	.0			12	6	1	
BLUFF CITY									3.64		1.60	9	.0			6	4	2	
BLYTHEVILLE	79.3	- 0.9	100	24	59	5	19	0	1.10	- 2.81	.52	31	.0			5	2	0	
BOONEVILLE	79.2	- 3.2	98	13+	56	6	21	0	3.61	- 0.02	1.35	8	.0			11	3	2	
BOONEVILLE 2S									3.74		1.23	16	.0			12	6	1	
BOTKINBURG									2.16		.60	11	.0			11	3	0	
BOUGHTON									5.03		3.20	9	.0			4	4	2	
BRADFORD									1.38		.47	13	.0			5	3	0	
BRINKLEY	// 78.8	- 1.6	97	29	55	6	19	0	4.91	1.59	2.10	15	.0			8	5	1	
BURDETTE									.93		.55	15	.0			3	2	0	
CABOT									6.16		3.78	15	.0			7	5	2	
CALICO ROCK									4.07	- 0.28	1.31	14	.0			6	5	2	
CAMDEN 1	80.9	0.1	101	14	55	6	25	0	2.51	- 0.31	1.03	9	.0			7	2	1	
CAMDEN 2									2.75							12			
CAMP CHAFFEE	79.1M		98	21	57	5		0	2.96		1.57	8	.0			12	3	1	
CANAAN									3.62		.91	14				9	6	0	
CARPENTER DAM									1.98		.81	8				4	3	0	
CLARENDON									6.88	3.44	2.38	15	.0			10	7	2	
CLINTON									5.51		1.97	15	.0			11	5	2	
COLD SPRINGS									4.18		1.00	8+	.0			9	6	2	
COMBS									10.80		3.31	14				9	7	5	
COMPTON									6.06		2.44	11				9	5	2	
CONWAY	78.3	- 3.5	96	19+	52	6	18	0	7.18	3.88	3.10	15	.0			9	6	2	
CORNING	78.7	0.1	100	24	54	6	19	0	1.43	- 2.16	.43	15	.0			6	3	0	
COTTER									4.87	1.39	1.29	14	.0			7	5	2	
CROSSETT	79.7	- 1.9	100	13	50	18	26	0	7.98	4.77	3.90	16	.0			8	4	2	
CRYSTAL VALLEY									2.31		1.20	11	.0			5	2	1	

See Reference Notes Following Station Index

ARKANSAS
AUGUST 1948

TABLE 2 - Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS		TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS		
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW					TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
CUMMINS FARM	77.6		96	13	57	6	17	0	3.67		1.30	8	.0			8	7	1
DAISY									6.92		4.15	8				7	5	2
DANVILLE									4.18	0.98	1.61	12	.0			10	5	1
DARDANELLE	78.4	- 2.7	96	23+	56	6+	19	0	7.84	4.30	1.79	12	.0			11	8	2
DE QUEEN	79.9	- 1.9	101	13	60	5	22	0	2.89	- 0.99	.90	24	.0			8	4	0
DENVER									5.08		1.34	27				10	6	1
DERMOTT									2.18		1.40	9	.0			3	2	1
DES ARC	78.0		100	22	55	6	17	0	4.11		.94	8	.0			11	6	0
DEVILS KNOB	75.4		95	1	55	4+	10	0	5.78		1.20	9	.0			8	7	2
DUMAS 1	79.4	- 2.6	98	13	56	6	19	0	3.24	- 0.03	.97	8	.0			7	5	0
DUMAS 2									2.85		.79	7				6	4	0
DURHAM									10.49		3.15	11				12	10	3
EAGLE GAP									8.63		3.87	8	.0			13	5	3
EL DORADO	82.5	0.2	107	15	58	6	30	0	2.65	- 0.64	1.46	16	.0			8	3	1
ELKINS									11.08		3.74	12	.0			11	8	3
EUREKA SPRINGS	75.9	- 2.9	95	22	53	6	9	0	4.69	0.00	1.65	14	.0			9	7	2
EVENING SHADE									3.52		1.54	14	.0			6	5	1
FAYETTEVILLE	76.2		94	22	55	5+	10	0	10.49		3.36	11	.0			13	6	3
FAYETTEVILLE EX S	75.4	- 3.2	95	22	51	5	11	0	10.36	6.40	3.78	14	.0			11	8	3
FORDYCE	80.9	- 0.2	100	13	56	6	27	0	6.23	1.90	2.41	9	.0			5	4	3
FORESTER									3.10		1.18	8	.0			8	3	1
FORREST CITY									2.70		1.56	15	.0			5	3	1
FORT SMITH WB AIRPORT	79.3	- 1.2	97	13	59	5	17	0	3.39	0.11	1.83	8	.0			14	4	1
FORT SMITH WTR PLNT									5.32		1.46	11	.0			11	7	1
FOUNTAIN HILL									4.80		3.00	9	.0			4	4	2
FULTON									2.22	- 0.60	.90	16	.0			7	3	0
GARLAND									2.04		1.49	16	.0			4	1	1
GEORGETOWN									4.56	1.12	2.48	15	.0			10	4	1
GILBERT	75.7		97	22+	51	6	16	0	4.68	0.70	.94	15	.0			10	8	0
GLENWOOD									3.68		2.20	8	.0			3	3	1
GRANNIS	77.2	- 2.5	96	13	57	4+	17	0	5.05	1.74	2.52	16	.0			10	5	1
GRAVELLY									3.87		1.14	28	.0			11	4	1
GRAVETTE	76.1	- 2.0	95	22	53	5	12	0	6.64	2.62	1.80	11	.0			10	5	3
GREEN FOREST									3.83		1.00	11	.0			9	7	1
GREEN MOUNTAIN	73.0		96	22	56	16	4	0	2.33		1.10	14	.0			4	3	1
GREENWOOD									3.23		1.42	8	.0			9	3	1
GURDON									4.05		2.25	9	.0			9	4	1
HAMPTON									2.27		1.28	9	.0			3	2	1
HARRISON	74.3	- 3.5	96	22	48	6	13	0	5.64	2.07	1.78	14	.0			9	6	2
HARRISON AIRWAY	73.9		93	22	50	6	8	0	5.85		1.80	14	.0			10	6	2
HEBER SPRINGS 3SW									3.88		1.65	15				8	5	1
HECTOR									3.02		.83	12	.0			13	5	0
HELENA	79.0	- 1.7	95	30	61	6	16	0	6.84	3.28	3.15	15	.0			10	6	2
HENDERSON									2.00		1.17	14	.0			4	3	1
HOPE	81.1	- 0.8	101	15	56	6	25	0	2.73	- 0.55	1.21	9	.0			7	2	2
HOPPER									3.71		1.16	8	.0			7	5	1
HORATIO									2.10		.51	30	.0			8	5	0
HOT SPRINGS	80.5	- 1.2	100	22+	57	6	24	0	2.60	- 1.10	.83	9	.0			10	5	0
HUNTSVILLE									8.51		2.33	14	.0			10	6	4
HUTTIG DAM									5.16		4.00	16	.0			8	3	1
JASPER									4.92		1.01	11	.0			10	7	1
JESSIEVILLE									3.43	- 0.53	1.14	12+	.0			5	5	0
JONESBORO	78.3	- 2.0	99	23	57	5	16	0	.73	- 2.73	.34	14	.0			5	1	0
KEO	78.7		98	13	54	6	20	0	4.84		1.80	10	.0			10	4	2
LAKE CITY									.67		.45	14	.0			4	1	0

See Reference Notes Following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

ARKANSAS
AUGUST 1948

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT							PRECIPITATION, IN INCHES											
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS			TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS		
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW	OR					TOTAL	GREATEST DEPTH ON GROUND	DATE	0.1 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
LEAD HILL	76.1	- 3.0	98	22	46	6	19	0	2.50	- 1.37	.78	26	.0				6	4	0
LEE CREEK									8.10		1.45	28	.0				14	9	4
LEOLA									4.45		1.89	16	.0				6	4	2
LITTLE ROCK WB AP	79.2	- 0.6	96	13+	62	6	14	0	3.31	- 0.44	.78	11	.0				10	7	0
LITTLE ROCK FILT PL									3.13		.87	11	.0				10	6	0
LOCK AND DAM NO 3									2.65		.88	14	.0				10	4	0
LOST CORNER									2.35		.48	10	.0				10	5	0
LURTON									5.50		2.11	11	.0				15	6	1
LUTHERVILLE	76.9	- 3.1	98	13	56	6	15	0	5.49	- 1.68	2.19	8	.0				11	4	3
MADISON									1.95	- 1.38	1.30	15	.0				5	1	1
MAGNOLIA	82.6	0.0	108	13	60	6	27	0	2.46	- 0.11			.0				4		
MALVERN	80.3		98	14	63	19+	22	0	3.00		1.30	10	.0				7	4	1
MAMMOTH SPRING	77.9M	- 0.2	98	22+	54	4	23	0	1.34	- 2.68	.58	15	.0				3	3	0
MARIANNA	77.7	- 2.8	95	23	55	6	18	0	4.04	1.13			.0				8		
MARKED TREE	78.4	- 1.2	98	24	56	6	19	0	4.32	0.78	3.75	14	.0				4	3	1
MARSHALL	75.4	- 3.0	96	22	48	6	12	0	5.28	- 0.01	1.50	14	.0				9	6	2
MARVELL									4.26		1.98	14	.0				5	4	2
MAUMEE									4.39		1.74	14	.0				10	4	1
MELBOURNE									3.22		1.07	15	.0				6	4	1
MENA	78.3	- 1.9	96	13+	60	5+	20	0	7.15	2.89	3.40	8	.0				13	7	2
MONTICELLO	79.7		97	13	62	5+	19	0	4.49		2.96	8	.0				6	3	1
MOROBAY L D 8									2.65		1.43	16	.0				6	2	1
MORRILTON	79.2	- 2.5	99	22	54	6	21	0	8.08	5.16	3.30	15	.0				9	7	2
MOUNT IDA 1	76.4M	- 3.2																	
MOUNT IDA 2									4.08		1.49	11					6	4	2
MOUNTAIN HOME	75.6	- 3.1	95	21+	51	6	13	0	2.65	- 1.18	1.85	14	.0				5	3	1
MOUNTAIN VIEW									2.63		.69	8	.0				8	4	0
MOUNTAINBURG									4.31		1.03	11	.0				9	6	1
MULBERRY									4.18		1.00	8	.0				6	5	1
NASHVILLE	79.9M		99	14	57	6	21	0	2.56		1.09	16	.0				7	3	1
NATHAN									4.18		2.06	9	.0				6	4	2
NEWHOPE									3.78		2.42	9	.0				4	3	1
NEWPORT	79.6	- 0.9	99	21+	58	6	23	0	4.52	1.05	1.40	14	.0				10	5	2
NIMROD DAM	78.5		98	14	52	6	20	0	4.15		1.13	12	.0				11	4	2
NORFORK DAM	76.1		98	23	51	6	17	0											
ODELL									9.46		2.20	8	.0				15	11	3
ODEN	79.0M																		
OKAY	81.1M	- 1.7	102	13+	58	6	26	0	2.03	- 0.76	1.25	15	.0				7	3	1
OSCEOLA									1.25	- 2.00	1.13	13	.0				2	1	1
OWENSVILLE									4.68		1.02	12	.0				7	6	1
OZARK	78.4	- 3.7	97	23	58	6	19	0	5.10	1.37	2.00	8	.0				9	5	2
PARAGOULD	78.0M		98	23	54	5+	20	0	2.99	- 0.88	1.22	1	.0				5	3	
PARKIN									2.15	- 1.00	1.50	14	.0				3	3	1
PARTHENON									5.29		1.91	14	.0				9	4	2
PERRYVILLE	78.1M	- 1.5	96	21	60	2		0	7.32	3.27	2.10	11	.0				5	5	4
PINE BLUFF	80.5	- 1.6	99	14	60	6	19	0	3.24	0.36	1.84	16	.0				8	3	1
PINE RIDGE									2.65	- 0.26	.88	8	.0				7	4	0
POCAHONTAS 1	79.0.	- 1.0	100	23	57	5	21	0	1.26	- 3.13	.56	14	.0				5	2	0
PORTLAND	79.7	- 1.7	99	14	58	6+	28	0	3.97	0.74	2.25	9	.0				4	2	2
PRESCOTT	79.9	- 2.2	100	14	57	6+	24	0	4.16	1.00	2.33	9	.0				6	4	2
PRESCOTT SCS									4.24		2.32	8					5	4	2
PYATT									4.89		1.62	14					9	6	2
RATCLIFF									2.91		1.39	8	.0				5	3	1
RAVANA									.79								6		0
REMMEL DAM									2.64		.86	8					7	4	0

See Reference Notes Following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT							PRECIPITATION, IN INCHES											
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS			TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS		
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW	OR					TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
ROCKHOUSE									3.97		1.72	10							
ROGERS	75.0	- 2.8	94	22	50	5	7	0	7.80	4.03	2.30	11					10	8	2
RUSSELLVILLE	78.7	- 1.7	96	21+	54	6	20	0	7.58	4.03	3.22	15					8	4	2
SAINT CHARLES	78.3		97	13+	57	5	15	0	5.42		1.22	10					5	6	3
SAINT FRANCIS									3.25	- 0.72	1.87	15					5	3	1
SEARCY	79.6	- 1.1	98	22	56	6	19	0	4.58	0.98	1.38	15					11	6	2
SHIRLEY									1.90		.69	13					7	3	0
SILOAM SPRINGS	75.9		94	21+	52	5	12	0	11.15		2.80	11					10	7	4
SMITHVILLE									2.30		1.05	13					6	3	1
SPARKMAN									5.08		2.11	8					5	5	2
STEVE									4.67		1.68	11					7	7	1
STORY									3.83	0.81	.92	29					8	5	0
STUTTGART	78.6	- 2.3	93	13	60	6	10	0	5.19	1.73	1.84	7					7	3	2
STUTTGART 9ESE	78.5	- 2.5	95	14	59	6	14	0	5.48	3.39	2.00	10					10	5	3
SUBIACO			93	23			11	0	4.48	0.91	1.32	8					9	5	2
SUGAR GROVE									4.40		1.56	16					9	4	2
SUGAR LOAF MTN									2.88		.93	15					9	4	0
TAYLOR									1.40		.60	28					4	3	0
TEXARKANA WB AIRPORT //	81.7	- 0.6	102	13	62	6	24	0	2.93	- 0.44	2.55	15					5	1	1
TURNPIKE	69.9		89	19+	49	9+	0	0	4.75	0.66	1.95	11					11	4	1
VIOLA									1.27		.92	27					3	2	0
WALDRON	77.9		99	13	55	5+	19	0	4.20	1.14	1.70	8					6	4	2
WALNUT GROVE									6.44		4.75	14					5	4	1
WEDINGTON LAKE									13.94		3.95	14					11	8	5
WEST FORK									15.16		3.52	14					12	9	5
WHEELING									.76		.30	14					6	1	0
WHITE ROCK	73.9		90	21	57	5	1	0	8.38		2.06	11					12	9	2
WING									5.05		1.49	11					9	6	2
WYNNE	78.5	- 1.6	97	23	58	6	16	0	2.07	- 1.68	.64	4					8	4	0
YELLVILLE									3.33		1.13	13					6	6	1
STATE	78.0	- 2.1	108	13	46	6	18	0	4.25	+ 0.71	4.75	14					8	4	1

See Reference Notes Following Station Index

TABLE 4 - Continued

HOURLY PRECIPITATION

ARKANSAS
AUGUST 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-14th-																									
ALICIA				.03	.07	.40	.06	.04	.05	.02															.67
BATESVILLE L D 1	.34				.43	.23																			1.00
BERRYVILLE				.04	.01	.08	.42	.53	.17	.09	.01			.05											1.40
BLUE MOUNTAIN DAM																				.25					.25
BOTKINBURG							.10						.04	.01											.15
BRINKLEY											.01	.03			.01										.05
BULL SHOALS DAM				.52	.10	.03	.03	.12	.11	.17	.10	.07				.05									1.30
CAMOEN 2																									
CANAAN	.01	.14			.26	.03	.06	.10	.11	.06	.09	.04	.01												.91
COMBS				.63	.50	.12	.95	.28	.50	.24	.06	.02	.01												3.31
COMPTON			.09	.24	.08	.05	.40	.12	.30	.18	.13	.01													1.60
CORNING							.01	.16	.15	.14	.04	.01	.01	.01	.01								.01		.55
OANVILLE																			.02	.15	.03				.21
OENVER				.03	.03	.01	.12	.18	.18	.13	.13	.01												.01	.82
OURHAM		.04	1.01	.13	.07	.90	.03	.02	.50	.08															2.78
GILBERT		.20		.01	.57	.07	.08	.11	.18	.21	.11	.19	.12	.02						.01					1.80
HARDY					.05	.09	.08	.03				.05	.08	.02											.45
HARRISON AIRWAY 6							.85													.03					
HUNTSVILLE				.45	.10	.10	.29	.11	.40	.64	.17	.07													2.33
LITTLE ROCK WB AP																						.01			.01
MAUMEE		.05	.03	.12	.55	.07	.01	.12	.15	.28	.10	.17	.05			.03	.01								1.74
MOUNT IOA 1																		.10							.10
MOUNTAIN HOME					.88	.02	.05	.05	.10	.08	.13	.45				.24									2.00
NIMROD OAM																			.05						.05
NORFORK DAM													1.13	.02											1.15
PARTHENON				.08	.07	.08	.51	.14	.04	.31	.18	.07	.03												1.91
PYATT	.15	.25		.70	.12	.04	.01	.13	.16	.20	.11	.13	.02												1.62
RAVANA																									
SMITHVILLE					.08	.04	.10	.13	.02	.01	.04	.09	.06	.06	.04										.67
WALORON																			.38						.38
WEDINGTON LAKE		.45	.20	.09	1.11	.70	.20	.90	.16	.05	.01	.08													3.95
WEST FORK		.37	1.23	.16	.36	.75	.05	.35	.25	.05															3.52
WHEELING							.05	.05	.05																.30
WING																			.03	.06					.09
-15th-																									
ALUM FORK																	.63	.04	.01	.02	.05	.04	.01		.80
ALY																.05	.03		.02	.03	.01				.14
ARKADELPHIA																		.20	.09	.02	.04				.35
ATLANTA																									.25
AUGUSTA							1.76																		1.76
BERRYVILLE																									
BLUE MOUNTAIN DAM																									
BOONEVILLE														.10		.97	.20	.01	.01	.02	.01				1.22
BRINKLEY																									1.17
CAMOEN 2			.11	.49	1.05	.43	.17	.10	.05	.01	.04	.01	.03	.01								.01	.01	.01	2.54
CARPENTER DAM																									1.38
DAISY																	.12								.37
DANVILLE					.02													.04	.09	.06	.06				.68
DUMAS 2																.69	.11	.01	.53	.02	.07	.03			.81
FORREST CITY																			.37	.08	.02	.10	.07	.02	.66
HEBER SPRINGS 3SW	.14	.02	.18	.66	.26	.28	.02																		1.56
HUTTIG DAM		.39	.82	.39	.05																				1.65
LITTLE ROCK WB AP							.37												.73	1.52	.01	.01			2.25
MAGNOLIA																	.04	.07	.01	.06	.06	.01	.01		.63
MARIANNA				.10	.50	.72	.28	.33	.07							.05	.35	.09	.01			.14	.81	.15	1.60
MENA					.02																				2.00
MONTICELLO																									.10
MOROBAY L D 8																			.07	.01	.17	.03	.10	.15	.60
MOUNT IOA 1																			.70	.02	.08				1.22
NIMROD DAM																	.52	.01	.07	.01	.02				.63
NORFORK OAM			.63	.03	.75	.12	.05	.14		.06	.30	.05	.10	.54	.08	.02	.01	.01	.04						.70
PINE BLUFF 3N																	.03	.02							2.28
PRESCOTT SCS										.01	.01	.01					1.30	.05	.05	.14	.11	.05			1.70
RAVANA																			.75	.14	.09				1.02
REMMEL DAM																			.06	.10	.06	.08			.33
STUTTGART 9ESE							.12	.02					.14						.01	.03	.01	.02	.33	.04	.73
TEXARKANA WB AP																		.40	2.02	.08	.03			.01	2.60
WALDRON																.59	.16	.04							.81
WING															1.10	.08	.05	.01			.01				1.25
-16th-																									
ATLANTA	.27	.10					.15																		.02
BRINKLEY									.01	.01															.20
DUMAS 2		.01	.17	.01	.01	.02	.02																		1.60
HUTTIG DAM	1.25	.10	.17	.03	.01	.02																			.18
MOROBAY L D 8	.11	.06	.01																						
RAVANA							.02																		.02
WALDRON																									
WINFREY																									
-17th-																									
RAVANA																			.58						.58
-21st-																									
BEAR CREEK LAKE													.17	.16	.02										.35
HARDY																									
-23d-																									
BEAR CREEK LAKE																			.35	.09					.44

See Reference Notes Following Station Index

TABLE 4 - Continued HOURLY PRECIPITATION

ARKANSAS
AUGUST 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
	-24th-																								
BLUE MOUNTAIN OAM																	.03								.03
FOREMAN																									-
MAUMEE																	.11	.01							.12
MENA																.14	.08	.05							.27
NORFORK DAM																	.25								.25
PYATT																	.10								.10
WALDRON																.20									.20
	-25th-																								
ALUM FORK																.02	.17	.01							.20
ALY																	.55								.55
BEAR CREEK LAKE				.53	.95	.25	.47	.05	.03	.01	.01														2.30
BLUE MOUNTAIN DAM													.03		.01	.01	.08	.04	.01						.18
BOONEVILLE																.08	.10								.20
BOTKINBURG																									.18
CAMOEN 2																					.05				.05
CANAAN																						.01	.02	.01	.04
COMPTON																									.50
OAISY																.04	.30	.20	.07	.15	.01			.03	.31
HUTTIG OAM																	.07	.15	.01					.03	.47
MAUMEE																.58	.41	.04	.02						.58
MOROBAY L O 8																			.17	.07					.24
RAVANA										.03	.07	.02			.04										.16
TEXARKANA WB AP //																		.05							.05
	-26th-																								
ALUM FORK				*	*	*	*	*	*	*	*	*				.05									.05
APPLETON											.10	.03	.01					.02							.16
BOTKINBURG	.01	.01					.08	.06	.14	.01															.31
CANAAN	.01				.05	.13		.15	.15	.02	.05														.41
COMBS			.03	.01	.01		.15																		.20
COMPTON							.10																		.10
OAISY	.01																								.01
OENVER								.46	.04			.03			.01										.54
OUMAS 2				.05	.23	.01																			.29
OURHAM						.20	.10	.09	.01																.40
GILBERT							.66	.34	.02	.04					.01	.02	.02								1.11
HARRISON AIRWAY 6							*	*	*	*	*	*			.62										-
HUNTSVILLE										.05	.02	.02	.01												.10
LITTLE ROCK WB AP				.01	.17	.23																			.41
MAGNOLIA																								.35	.35
MARIANNA																.05	.63							.35	.68
MAUMEE							.45			.07	.01														.53
MONTICELLO										*	.03														.03
MOUNTAIN HOME		.03								.02															.05
NIMROD DAM						.02	.03			.02															.05
NORFORK OAM															.03										.03
PARTHENON								.10			.01	.01										.02			.14
PINE BLUFF 3N				.15												.48									.15
PRESCOTT SCS																									.48
PYATT						.15	.38	.54	.15	.02	.03				.10	.02									1.27
WEDINGTON LAKE							.10	.25	.04	.01															.52
WEST FORK							.05	.25	.18																.48
WHEELING															.05	.04									.09
	-27th-																								
ALY									.20																.20
ARKADELPHIA																	.01	.03							.04
BATESVILLE L O 1			.01	.32						.01	.56	.02	.30												.66
BLUE MOUNTAIN DAM																	.03	.02	.05						.67
BOTKINBURG																	.05	.15							.20
BULL SHOALS DAM																	1.15	.11	.08	.01					1.35
DANVILLE																	.01	.05							.11
OENVER																									1.34
LITTLE ROCK WB AP			.01	.02		.05									.01	1.10	.24								.04
MENA																					.03				.08
MONTICELLO											.02	.01			.05	.01									.09
NIMROD DAM																	.07	.03							.10
PINE BLUFF 3N															.05										.05
SMITHVILLE											.03	.01													.04
STUTTIGART 9ESE //															.05	.23									.28
TEXARKANA WB AP //						.02											.08								.08
WHEELING																									.02
WING									.50																.50
	-28th-																								
ARKADELPHIA																									.02
BLUE MOUNTAIN OAM																.05	.07	.02							.12
BOONEVILLE																	.06	.03							.09
BOTKINBURG																		.10							.10
CAMOEN 2																									.13
COMPTON												.02	.28	.05	.01	.03				.07	.06				.39
CORNING																									.10
OURHAM																									.35
GILBERT										.20	.01	.07	.06	.01											.12
HARDY																									-
HARRISON AIRWAY 6																									-
HUNTSVILLE																.26	*	*	*	*	*	*			.68
HUTTIG OAM										.05	1.35	.15													1.55
MAGNOLIA																			.05						.05
MENA																				.38	.02				.40
MOROBAY L O 8															.33	.02	.03								.38
NIMROD OAM																		.19	.01						.20
PARTHENON															.49	.02									.02
																									.49

See Reference Notes Following Station Index

TABLE 4 — Continued HOURLY PRECIPITATION

ARKANSAS
AUGUST 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PRESCOTT SCS																									.03
PYATT														.05	.19	.01					.03				.25
WALORON																.07	.47	.11			.02				.67
WEGINGTON LAKE										.80	1.20	.05	.07				.08	.05							2.25
WEST FORK																.01	.02	.01							.04
WINFREY									.15	.43	.72	.12	.05												1.47
-29th-																									
ALUM FORK																	.15							.15	
ARKADELPHIA																	.21	.01						.22	
BOONEVILLE													.05											.05	
CAMDEN 2																	.04							.04	
CORNING																								-	
OENVER																								-	
DURHAM									.48				.92	.08	.02			.02						.94	
HEBER SPRINGS 3SW														.10	.02									.98	
MARIANNA																					.21			.12	
REMMEL OAM																	.12							.21	
TEXARKANA WB AP //													.05	.01										.12	
WEGINGTON LAKE																	.05	.01						.06	
WEST FORK								1.39	.05	.05	.37	.13	.02	.01										.10	
WINFREY									.66	.20														2.58	
WING													.35	.03					.01	.01				.20	
-30th-																									
ATLANTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
AUGUSTA																					.13			.13	
BATESVILLE L D 1																					.11			.11	
BULL SHOALS OAM																								-	
CORNING	*	.27																						.27	
FORREST CITY																				.17	.01			.18	
LITTLE ROCK WB AP																						.11		.11	
MAUMEE																								.10	
RAVANA																.05	.10							.05	
-31st-																									
BEEBE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BERRYVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BULL SHOALS DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CLARKSVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FOREMAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HARRISBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KINGSLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LAKE LEATHERWOOD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MURFREESBORO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NASHVILLE SCS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

See Reference Notes Following Station Index

TABLE 5

DAILY TEMPERATURES (° FAHRENHEIT)

ARKANSAS
AUGUST 1948

STATION	DAY OF MONTH																															MEAN	
	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	87 62	91 63	92 65	84 68	82 62	83 55	85 65	85 65	76 68	88 70	86 69	90 69	93 74	88 70	83 68	87 68	90 65	90 64	94 68	93 65	95 66	95 68	93 69	91 66	89 68	84 70	90 70	91 70	92 70	93 69	90 70	88.7 67.1
ARKADELPHIA	MAX MIN	93 62	92 63	95 66	96 68	90 61	86 56	88 64	82 68	75 69	82 70	90 71	85 70	95 72	98 72	94 74	91 67	88 66	90 65	94 66	95 65	94 66	95 69	95 69	95 69	94 70	92 71	89 71	93 71	94 69	95 69	93 70	91.3 67.7
ASHOOWN	MAX MIN	91 68	92 61	94 64	90 60	86 55	84 63	90 67	82 67	86 70	97 68	93 68	99 74	102 80	100 78	94 74	90 64	91 62	95 65	96 63	98 64	98 66	97 65	98 67	98 67	92 67	91 67	86 69	93 66	94 66	95 66	94 66	92.9 66.5
BATESVILLE AIRWAY	MAX MIN	88 58	91 63	92 61	87 62	81 58	82 49	82 60	75 64	79 64	90 68	86 67	88 66	92 66	80 68	87 67	87 61	91 63	94 67	95 64	96 66	97 66	97 69	98 70	95 66	93 67	88 71	86 73	93 69	94 68	95 68	90 65	89.4 66.0
BATESVILLE LIVESTCK	MAX MIN	89 55	90 50	88 73	93 63	85 53	82 49	81 60	81 64	77 64	82 68	88 67	87 66	91 66	90 68	87 67	85 60	88 63	93 62	93 62	95 62	96 65	96 66	95 66	96 66	95 63	94 63	86 70	92 65	95 65	92 65	93 61	89.5 62.9
BEE BRANCH	MAX MIN	93 59	94 62	95 65	93 67	84 57	84 54	84 65	75 67	76 67	85 71	86 69	88 70	90 85	89 71	89 63	88 63	91 63	93 62	93 62	95 63	95 65	95 66	95 69	93 64	91 66	88 71	90 70	92 68	93 69	93 68	94 65	89.4 65.0
BENTON	MAX MIN	92 68	92 58	93 64	94 62	88 57	85 53	85 66	88 67	88 68	88 71	90 70	85 67	93 72	96 69	90 68	90 66	88 65	90 62	94 63	95 63	95 63	95 64	96 65	95 66	93 66	91 66	88 70	91 68	90 68	95 67	95 67	91.4 65.1
BENTONVILLE	MAX MIN	85 61	87 61	91 61	90 65	72 52	79 58	77 58	72 64	62 64	75 67	87 67	90 68	97 68	86 63	87 63	92 63	90 61	91 64	93 62	94 64	93 64	94 68	93 68	96 62	92 65	87 69	83 66	87 65	87 64	88 64	92 63	87.4 63.0
BETHESOA	MAX MIN	87 56	88 58	90 56	91 63	82 53	79 49	80 60	80 64	74 66	78 66	87 66	86 65	88 65	90 67	86 67	77 61	85 62	89 61	91 62	93 61	94 61	95 65	95 66	95 62	92 62	80 66	85 67	93 65	89 62	87 64	82 61	87.4 61.0
BLYTHEVILLE	MAX MIN	87 61	87 62	92 61	91 59	83 61	80 54	85 61	85 64	82 68	88 74	88 74	90 66	90 69	88 73	80 61	83 65	90 68	83 68	94 67	96 68	97 69	97 69	100 71	98 73	96 74	96 75	95 74	98 72	95 67	98 67	92 67	90.0 67.0
BOONEVILLE	MAX MIN	90 60	93 63	97 64	87 60	88 58	82 56	82 67	78 68	79 69	92 77	90 73	93 70	98 74	90 71	84 70	91 65	93 65	94 66	96 67	98 68	97 68	98 71	95 67	94 67	87 70	87 72	88 71	94 69	91 66	94 66	93 67	90.0 67.0
BRINKLEY	MAX MIN	88 59	91 68	92 65	89 66	82 55	85 55	87 61	82 63	83 68	88 67	86 66	92 66	96 70	86 66	88 66	91 66	92 64	94 66	95 67	95 68	95 68	96 69	94 68	94 70	95 71	95 71	91 74	95 71	97 69	95 67	92 65	90.0 66.0
CAMOEN 1	MAX MIN	93 63	91 61	94 66	96 66	86 62	89 55	89 64	92 69	80 63	85 71	96 71	91 71	99 74	101 76	99 74	93 69	89 65	93 65	95 65	98 65	99 65	100 67	99 68	99 71	94 71	86 72	94 70	97 69	97 69	97 68	93.8 68.8	
CAMP CHAFFEE	MAX MIN	92 62	92 64	94 69	94 69	87 64	84 60	84 64	78 67	79 69	78 69	92 75	88 70	88 73	97 74	81 67	90 66	93 66	96 66	98 68	97 70	97 72	97 72	97 72	95 69	89 72	89 73	91 70	88 70	91 67	94 69	90.0 68.0	
CONWAY	MAX MIN	92 69	95 62	94 64	88 57	85 52	84 65	85 66	79 66	78 67	87 70	85 68	93 68	95 74	89 70	82 65	89 64	91 63	96 65	96 65	96 66	96 66	95 66	93 65	92 68	89 68	89 68	92 68	93 68	93 68	92 68	92 66	90.0 66.0
CORNING	MAX MIN	86 58	93 65	91 62	91 68	83 63	82 54	85 63	84 63	83 63	88 69	90 72	89 69	90 69	77 73	87 68	87 64	92 70	96 65	97 67	95 67	96 70	99 72	100 68	99 69	96 70	95 74	95 70	94 70	94 69	92 67	90.0 66.0	
CROSSETT	MAX MIN	87 62	91 60	92 65	93 65	92 65	89 57	90 69	88 69	87 69	90 71	92 71	94 71	100 72	98 75	93 69	88 63	90 65	95 64	96 64	94 65	95 65	94 65	95 65	93 67	91 67	90 71	94 68	98 68	95 68	92 67	92.0 67.0	
CUMMINS FARM	MAX MIN	86 62	90 62	90 77	87 65	83 57	82 57	84 65	87 67	81 67	86 69	80 65	96 72	90 70	85 69	88 64	90 62	93 67	95 64	93 65	93 65	94 66	90 66	90 66	86 69	90 68	91 73	93 69	91 69	91 67	90 67	88.0 66.0	
OAROANELLE	MAX MIN	93 63	91 63	95 65	94 68	86 56	85 56	83 59	83 59	75 65	79 68	89 71	89 69	92 73	94 73	89 69	91 65	91 65	93 66	95 65	94 65	95 67	96 67	96 68	94 68	93 68	88 70	87 71	90 69	91 69	93 69	89.0 66.0	
OE QUEEN	MAX MIN	92 61	93 68	95 65	90 68	86 60	86 61	86 66	85 68	85 70	93 73	93 72	91 74	100 73	100 73	96 70	89 68	90 65	94 64	95 67	98 67	97 68	95 69	95 67	92 67	87 70	85 70	91 70	90 70	91 68	93 68	91.0 68.0	
OES ARC	MAX MIN	86 60	87 64	91 65	90 66	88 60	81 55	82 58	86 68	78 69	84 69	89 72	82 66	90 66	95 70	87 67	87 65	81 66	89 66	92 66	93 68	100 72	94 69	95 68	93 71	93 71	90 71	92 74	95 69	92 68	93 68	89.0 66.0	
DEVILS KNOB	MAX MIN	95 65	94 66	93 63	81 55	84 57	85 56	79 55	77 55	70 64	77 62	77 65	82 64	85 66	89 66	87 62	85 61	88 63	87 61	89 63	91 63	92 67	91 68	90 72	87 73	84 69	81 68	80 66	93 68	91 68	92 68	85.0 64.0	
OUMAS 1	MAX MIN	86 63	87 64	92 67	90 61	82 56	85 66	87 66	79 66	84 72	87 72	83 68	93 72	98 73	92 71	87 66	88 63	94 65	95 67	94 68	95 68	95 68	95 68	93 69	93 68	88 73	85 75	96 69	94 68	91 68	91 68	90.0 68.0	
EL OORAOO	MAX MIN	92 64	95 62	99 66	99 66	90 63	90 58	92 62	84 70	90 70	96 72	95 73	98 75	107 76	100 77	90 68	91 65	93 65	96 69	96 68	100 67	100 68	100 69	100 70	100 72	92 70	91 72	98 70	97 69	100 69	99 69	96.0 68.0	
EUREKA SPRINGS	MAX MIN	88 60	90 64	90 66	76 56	78 53	77 53	81 63	85 67	75 67	87 67	89 69	85 69	81 65	83 65	85 64	89 64	90 66	92 68	94 69	95 72	94 68	94 68	94 68	89 68	85 62	86 69	82 67	86 66	87 66	87 66	86.0 65.0	
FAYETTEVILLE	MAX MIN	89 60	89 62	91 66	94 68	76 55	79 55	82 63	76 65	88 66	88 67	90 67	80 68	85 71	86 68	86 66	89 62	89 67	92 63	92 67	93 67	94 68	93 70	87 64	87 70	85 71	87 70	87 71	86 68	90 64	90 66	86.0 66.0	
FAYETTEVILLE EX S	MAX MIN	87 59	91 61	92 65	84 51	78 53	78 53	84 64	80 65	88 65	87 66	90 67	88 68	82 66	81 66	84 61	90 65	93 63	91 64	93 67	95 68	93 63	90 63	87 66	83 66	83 69	81 66	88 66	85 66	81 63	86 64	84.0 63.0	
FOROYCE	MAX MIN	91 63	94 62	96 68	95 73	94 60	87 56	88 67	89 57	84 58	94 70	95 72	100 71	97 75	90 70	90 67	91 67	95 68	95 68	96 70	96 72	95 71	95 70	95 70	91 71	95 71	92 70	92 71	93 71	92 69	97 69	94 68	93.0 68.0
FORT SMITH WB AIRPORT	MAX MIN	91 62	93 66	94 64	84 59	84 59	78 61	81 67	79 68	78 72	89 72	92 74	97 71	95 70	86 74	89 69	92 65	93 67	96 68	97 68	97 67	95 68	95 73	89 71	87 71	88 70	89 73	88 71	93 68	92 68	89.0 69.0		
GILBERT	MAX MIN	88 55	89 58	92 62	93 64	82 54	83 51	81 65	79 65	76 63	89 66	90 65	89 65	85 68	87 68	88 67	91 62	93 61	94 61	95 61	97 65	97 66	97 66	97 66	94 63	89 62	87 66	89 66	90 65	93 65	88.0 62.0		
GRANNIS	MAX MIN	89 61	91 68	93 65	85 57	82 54	78 65	84 65	82 65	80 69	93 71	88 70	93 71	94 72	85 66	88 66	90 65	93 65	94 66	93 66	93 66	95 66	95 66	90 68	85 68	83 67	85 67	87 66	90 66	91 66	88.0 66.0		
GRAVETTE	MAX MIN	89 60	90 63	91 66	76 53	80 55	77 55	83 62	81 65	89 66	89 67	89 69	86 69	82 67	83 66	88 63	91 65	92 65	92 65	94 65	94 65	94 65	94 65	88									

TABLE 5 — Continued
DAILY TEMPERATURE (°FAHRENHEIT)

ARKANSAS
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STATION	DAY OF MONTH																															MEAN	
	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		
HELENA	MAX MIN	88 65	87 67	90 67	92 70	88 63	81 61	83 63	80 67	75 69	82 69	87 73	81 67	85 68	92 72	87 72	86 70	88 67	90 71	90 71	94 71	94 72	94 72	94 70	94 70	93 72	92 73	89 74	94 74	93 73	95 70	93 71	88.7 69.3
HOPE	MAX MIN	95 74	94 73	94 74	97 75	91 63	86 56	87 62	91 69	77 67	84 72	97 72	93 71	100 74	99 75	101 74	91 68	88 67	91 64	94 69	96 64	96 67	95 67	96 68	97 68	95 71	93 70	86 72	92 71	96 68	96 69	94 70	93.0 69.2
HOT SPRINGS	MAX MIN	96 64	96 67	97 68	97 68	91 61	88 57	81 59	90 61	74 64	76 69	91 72	86 65	95 70	97 74	93 72	85 70	90 65	86 64	93 68	96 66	96 66	98 72	97 72	100 72	100 72	97 71	98 71	93 71	88 71	92 70	98 66	92.3 68.7
JONESBORO	MAX MIN	86 61	88 65	90 63	84 67	80 57	81 59	85 61	77 64	86 65	89 69	87 72	88 65	93 70	80 70	86 70	86 65	91 64	93 68	96 66	96 68	94 68	97 67	98 73	99 69	95 69	95 71	94 74	95 72	94 70	93 66	89 66	89.8 66.9
KEO	MAX MIN	87 60	91 62	92 65	88 65	82 58	83 54	86 64	78 68	82 69	90 73	84 67	92 73	98 74	90 75	88 72	88 65	91 66	94 69	96 65	96 67	95 69	95 69	95 69	94 67	94 67	86 73	90 73	93 71	95 68	94 65	90.2 67.2	
LEAD HILL	MAX MIN	90 65	91 60	94 63	77 65	82 48	82 46	80 65	83 63	77 62	91 69	90 67	95 67	89 66	83 70	87 67	89 63	91 61	92 65	94 58	95 60	94 61	98 64	96 67	95 62	91 64	85 67	80 67	92 67	91 66	92 66	88.9 63.3	
LITTLE ROCK WB AP	MAX MIN	86 69	90 68	92 72	86 72	80 62	82 62	82 68	74 78	87 82	85 70	88 72	96 76	86 74	83 72	86 71	88 65	88 63	91 64	92 64	93 65	93 66	94 72	93 71	91 70	83 73	88 75	91 72	92 72	89 72	92 72	87.9 70.5	
LUTHERVILLE	MAX MIN	88 60	90 63	88 65	85 60	83 58	83 56	80 64	80 63	78 68	84 69	85 67	89 68	98 72	84 71	84 71	86 65	88 63	91 64	92 64	93 65	93 66	94 67	93 69	91 65	91 68	90 70	87 70	91 70	90 66	90 67	88.0 65.9	
MAGNOLIA	MAX MIN	92 65	95 62	97 66	98 65	88 58	88 54	89 60	91 57	90 58	89 59	106 62	99 67	105 73	108 75	107 75	101 75	97 72	92 65	98 65	99 67	101 67	99 69	98 69	97 69	91 65	88 70	92 71	95 69	96 70	94 70	96.2 69.1	
MALVERN	MAX MIN	93 64	92 68	94 76	96 72	88 66	87 66	85 66	88 67	86 67	80 70	91 71	85 68	95 76	92 75	87 78	90 72	92 65	95 66	97 63	96 63	97 65	96 65	97 64	97 66	96 67	94 74	92 70	91 68	95 68	93 68	91.8 68.9	
MAMMOTH SPRING	MAX MIN	90 60	91 56	92 60	91 54	89 55	91 57	86 58	87 59	82 62	86 67	87 67	89 68	85 63	89 65	90 70	91 69	90 61	92 69	95 61	95 62	98 68	98 68	98 68	96 69	96 69	94 70	92 71	92 71	96 66	94 66	91.7 64.2	
MARIANNA	MAX MIN	90 60	90 62	90 64	86 66	80 65	81 55	83 61	77 65	84 69	88 70	86 67	90 70	94 69	86 70	86 67	85 62	88 64	90 67	94 67	92 66	93 67	94 69	95 66	92 69	92 70	92 70	92 71	92 71	93 69	91 68	88.8 66.6	
MARKED TREE	MAX MIN	87 60	88 64	92 64	90 65	87 65	80 59	84 56	87 66	76 66	88 70	91 66	86 65	90 65	95 69	83 67	87 65	87 63	90 66	94 66	96 67	96 68	96 69	96 68	97 69	95 73	93 74	92 67	96 66	92 62	90.6 66.3		
MARSHALL	MAX MIN	87 56	90 58	90 62	77 62	77 54	78 48	71 65	72 67	89 67	88 67	88 67	89 67	85 66	86 69	85 65	90 60	89 63	95 60	93 61	95 60	96 61	96 66	95 68	93 66	88 66	87 67	88 68	90 66	90 65	88 66	87.0 63.9	
MENA	MAX MIN	91 61	93 62	93 66	85 69	82 65	75 60	87 64	81 66	77 63	84 71	94 71	94 70	96 73	92 73	83 67	87 64	91 64	93 65	96 66	95 68	96 69	96 67	95 67	96 68	96 68	86 69	85 70	91 71	90 67	91 65	89.4 67.2	
MONTICELLO	MAX MIN	86 64	96 64	96 70	90 66	84 62	86 62	87 67	75 69	86 69	86 71	89 71	97 70	95 74	89 73	87 71	89 65	92 67	95 68	95 68	94 68	95 70	93 70	92 72	87 72	92 73	93 71	96 68	93 69	93 71	90.8 68.7		
MORRILTON	MAX MIN	92 64	93 66	95 66	96 69	86 58	83 54	85 63	85 66	71 67	79 71	87 68	88 71	94 73	90 71	91 66	84 66	89 66	93 61	97 68	97 68	99 67	97 69	99 69	98 67	97 69	95 73	90 62	94 69	96 69	95 68	91.0 67.4	
MOUNT IDA 1	MAX MIN	94 58	94 56	95 61	90 66	85 54	85 56	79 57	79 58	87 62	95 67	96 67	91 66	90 66	88 64	92 60	94 60	95 63	96 60	95 63	95 64	96 62	95 62	93 63	90 65	86 69	92 67	92 67	93 66	90 61	87.1 62.1		
MOUNTAIN HOME	MAX MIN	85 56	86 60	89 60	77 66	77 67	80 61	79 65	79 67	76 62	87 69	88 66	85 66	81 62	87 63	90 61	88 66	90 63	95 63	95 64	95 67	94 67	92 65	92 65	89 65	85 65	90 71	93 67	91 66	92 66	87.1 64.1		
NASHVILLE	MAX MIN	96 61	92 62	94 65	96 66	89 64	86 57	84 66	89 68	75 68	85 73	96 73	91 72	96 75	99 72	98 72	89 68	91 66	92 64	97 67	97 65	97 69	95 68	95 68	94 69	94 72	89 71	86 72	93 73	94 67	95 68	92.0 67.9	
NEWPORT	MAX MIN	91 62	93 63	94 64	88 65	84 58	80 60	87 67	76 63	83 68	86 68	91 67	96 68	92 68	84 73	90 67	91 66	89 65	92 65	98 66	97 66	99 67	99 69	99 70	99 69	95 67	95 70	93 72	94 70	96 69	95 69	91.8 67.4	
NIMROD DAM	MAX MIN	93 75	91 62	90 64	84 68	83 57	85 52	86 64	84 67	77 68	80 69	91 71	96 67	94 73	98 70	94 72	81 69	89 65	92 65	88 66	96 64	96 66	97 67	97 67	95 65	93 67	90 70	83 70	88 69	92 67	91 67	93 66	90.2 66.9
NORFORK DAM	MAX MIN	89 56	90 62	93 59	94 56	79 53	86 51	83 58	85 61	78 69	90 67	87 65	90 65	87 67	87 67	88 63	91 64	93 60	94 62	95 65	96 68	96 65	98 67	97 67	95 65	93 67	91 70	88 69	87 67	93 66	94 66	89.2 65.0	
ODEN	MAX MIN							86 66	75 68	74 70	90 73	96 71	90 74	88 68	91 64	95 64	96 67	97 65	95 66	95 68	94 66	94 66	90 67	85 67	88 70	91 73	92 66	89 63	91 61	92 68	89.8 68.3		
OKAY	MAX MIN	90 62	93 63	97 65	95 67	89 62	88 58	90 68	88 69	71 71	93 65	95 65	99 73	102 74	102 75	98 69	90 66	95 66	95 68	96 66	95 68	98 68	97 67	96 68	95 68	91 68	88 71	93 72	95 68	95 68	94 69	94.1 68.1	
OZARK	MAX MIN	92 62	90 64	92 64	93 69	83 59	84 58	80 59	81 66	81 67	79 69	88 72	88 69	90 71	95 75	86 73	82 67	90 65	92 66	90 66	95 66	92 67	96 69	97 71	92 68	92 69	86 73	87 73	87 73	90 70	90 68	89.2 67.6	
PARAGOULD	MAX MIN	88 58	91 61	92 61	89 66	81 54	82 57	87 62	84 61	89 70	90 62	90 62	95 68	88 70	89 65	93 63	95 60	92 65	97 67	95 66	96 66	97 66	97 66	98 65	97 65	95 65	96 65	96 65	95 64	96 64	91.8 64.2		
PERRYVILLE	MAX MIN																																
PINE BLUFF	MAX MIN	90 67	89 68	93 71	94 70	87 63	85 64	85 64	88 70	76 80	90 72	91 73	79 72	93 72	93 75	91 71	89 67	88 62	93 63	95 65	92 66	94 66	95 65	96 65	95 65	94 62	91 67	87 70	89 68	90 67	95 66	90.8 70.3	
POCAHONTAS 1	MAX MIN	90 65	92 64	94 62	89 68	84 57	86 58	86 62	83 65	91 63	89 69	89 65	92 68	84 70	89 67	90 65	92 61	95 67	98 64	99 67	97 66	99 68	100 71	98 65	96 66	95 66	95 73	96 70	97 69	96 66	92.2 65.9		
PORTLAND	MAX MIN	91 61	92 61	93 62	95 65	96 63	91 58	91 58	91 60	89 69	89 69	89 70	90 72	92 72	97 69	95 67	94 63	93 63	94 65	95 65	96 65	97 68	92 67	95 68	94 69	93 69	91 71	92 68	88 69	95 68	93 69	92.6 66.9	
PRESCOTT	MAX MIN	94 65	92 65	94 65	97 68	87 61	85 57	90 67	75 66	84 69	96 70	98 70	99 71	100 73	99 73	92 67	89 66	91 66	94 65	95 65	97 67	95 68	96 69	97 68	97 68	92 70	87 68	88 69	95 68	94 68	93 69	92.7 67.1	
ROGERS	MAX MIN	87 58	87 61	89 65	72 60	80 52	78 52	76 62	82 63	75 68	88 70	88 70	86 70	78 65	85 65	86 60	88 65	89 62	92 64	91 65	92 65	91 65	92 65	94 65	93 65	90 64	87 67	88 68	88 68	90 65			

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TABLE 5 - Continued
DAILY TEMPERATURE (°FAHRENHEIT)

STATION	DAY OF MONTH																															MEAN
	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	
SEARCY	MAX 92	94	95	89	84	85	87	78	79	89	85	91	93	87	87	90	93	96	96	97	98	97	96	95	90	89	95	97	95	92	90.	
	MIN 63	66	66	71	61	56	66	66	69	72	68	68	73	71	72	68	66	67	68	67	68	70	71	69	70	74	74	70	69	68.		
SILAM SPRINGS	MAX 89	90	91	79	80	76	78	82	75	83	88	91	87	80	85	86	88	90	93	91	94	94	94	90	86	84	87	86	88	90	86.	
	MIN 60	62	66	66	52	57	62	66	65	66	68	68	71	68	66	64	61	65	65	67	68	69	64	66	67	67	67	67	65	65	65.	
STUTTART	MAX 85	85	88	88	85	79	84	75	81	85	88	87	93	87	84	85	86	89	91	90	91	92	90	92	87	88	90	91	89	88	87.	
	MIN 65	68	70	70	62	60	67	69	69	70	68	71	72	74	70	68	68	72	70	71	73	73	73	74	75	75	73	73	71	70	70.	
STUTTART 9ESE	MAX 87	85	89	91	88	80	82	84	75	83	85	79	88	95	88	87	85	88	90	92	93	93	93	93	91	91	89	90	92	91	88.	
	MIN 64	66	68	69	62	59	66	68	69	70	68	68	70	71	72	71	62	67	70	68	70	71	70	71	73	74	75	72	72	70	68.	
SUBIACO	MAX 91	91	89	86	81	80	79	77	75	85	83	85	91	85	85	85	86	85	92	91	91	92	93	91	88	86	83	89	88	92	90	86.
	MIN																															
TEXARKANA WB AIRPORT	MAX 91	93	94	89	86	85	90	83	86	96	94	100	102	100	95	89	91	94	96	97	97	97	96	93	91	88	92	94	94	93	94	92.
	MIN 67	65	69	70	65	62	69	72	72	73	75	74	76	75	71	69	69	68	72	71	71	71	72	71	72	72	73	73	70	70	71	70.
TURNPIKE	MAX 83	85	85	75	74	74	72	69	88	77	78	82	85	80	81	80	83	83	89	87	88	89	87	87	83	80	79	78	84	85	82	81.
	MIN 61	55	55	51	54	55	57	62	49	53	49	52	65	53	60	60	54	55	51	68	69	69	59	56	56	53	60	66	65	67	64	58.
WALORON	MAX 90	93	93	88	83	77	83	80	79	93	88	95	99	92	85	89	92	93	96	97	97	98	96	96	85	83	89	92	91	93	92	90.
	MIN 59	61	64	68	55	55	65	67	67	70	70	68	70	71	69	68	63	62	64	64	64	68	67	63	67	69	71	68	67	65	66	65.
WHITE ROCK	MAX 84	85	85	76	76	72	68	70	70	82	78	82	87	81	77	82	86	85	87	87	90	89	87	86	77	78	81	83	82	86	85	81.
	MIN 65	68	68	63	57	59	59	63	64	67	64	66	72	66	68	63	64	66	71	71	71	73	72	69	69	65	65	69	68	68	70	66.
WYNNE	MAX 86	90	90	86	78	81	85	79	84	88	87	88	93	86	86	85	89	93	94	95	94	95	97	95	95	93	95	94	94	92	88	89.
	MIN 61	64	66	69	59	58	62	67	68	73	71	67	66	72	71	66	63	64	67	68	69	69	68	69	72	73	76	72	70	66	66	67.

See Reference Notes Following Station Index

TABLE 6 DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)

ARKANSAS
AUGUST 1948

STATION	DAY OF MONTH																															TOTAL	DEPARTURE FROM NORMAL
	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		
BETHESOA	EVAP WIND	.277 42	.299 16	.174 19	.260 48	.295 68	.176 23	.212 22	- 4	.379 24	.070 8	.248 15	.110 6	.112 12	.674 21	.097 3	.123 16	.230 13	.220 6	.254 39	.230 2	.182 8	.222 9	.192 5	.248 7	.140 13	.022 9	- 4	.078 5	.106 2	.054 4	.290 13	6.387 486
HOPE	EVAP WIND	.210 49	.186 20	.304 16	.224 22	.386 60	.315 31	.228 20	*	.223 54	.077 7	.245 9	.196 21	.230 10	.269 14	*	.526 45	.231 28	*	*	.743 39	.233 8	*	.504 24	.263 11	.170 11	.094 13	.155 12	*	.461 16	.232 18	6.933 574	
NIMROO OAM	EVAP WIND	.291 10	.269 9	.264 4	.246 7	.150 3	.260 2	.140 9	.094 4	.018 3	.123 5	.200 6	.148 11	.144 13	.187 1	.150 7	.121 3	.214 7	.244 3	.230 23	.264 9	.203 3	.228 4	.245 2	.282 2	.314 2	.106 3	.088 2	.082 5	.121 4	.144 8	.187 1	5.757 183
NORFORK OAM	EVAP WIND	.268 32	.234 17	.291 24	.275 27	.154 33	.228 24	.181 32	- 19	- 12	- 17	- 15	.120 13	.121 18	- 19	- 12	- 11	.220 14	.208 14	.170 20	.302 14	.229 14	.255 13	.271 13	.278 9	.267 9	.225 9	.125 9	.119 24	.163 5	.195 26	.203 6	6.590 545
STUTTGART 9 MI. ESE	EVAP WIND	.337 15	.200 25	.235 20	.223 5	.205 35	.639 30	.190 15	.087 5	.083 25	.079 10	.111 20	.036 29	.112 20	.160 10	.180 15	.175 5	.081 5	.175 5	.210 29	.186 30	.203 5	.182 0	.191 5	.184 5	.205 10	.164 15	.095 10	.080 10	.204 15	.221 30	.217 5	5.650 455

TABLE 7 DAILY RIVER STAGES (FEET)

RIVER AND STATION	FLOOD STAGE	DAY OF MONTH																															HIGHEST (OR CREST)	DATE	LOWEST	DATE	
		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					
BUFFALO GILBERT	30	3.7	3.7	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.7	5.8	4.8	4.6	8.0	6.1	5.3	4.8	4.4	4.3	4.3	4.1	3.9	3.8	3.8	3.7	3.7	3.7	3.9	3.9	3.8	8.0	15	3.5	8	
BLACK BLACKROCK	14	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.3	2.2	2.2	2.5	2.5	3.0	2.7	2.4	2.3	2.2	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.9	1.8	1.8	1.8	3.0	16	1.8	25	
WHITE COTTER	21	3.8	3.8	3.6	3.2	3.2	2.3	3.2	2.8	3.4	2.1	1.7	2.4	3.2	4.3	8.8	8.2	8.4	13.0	9.9	6.4	5.3	4.7	3.9	3.5	3.4	3.1	2.8	3.2	3.3	3.2	2.0	13.0	18	1.7	11	
CALICO ROCK	19	2.7	2.8	2.8	2.8	2.6	2.7	2.9	2.8	1.9	2.9	2.4	2.4	3.2	3.6	4.6	8.8	7.2	10.3	10.8	6.7	5.0	4.2	3.4	2.4	1.7	2.5	2.2	2.5	2.5	2.3	2.7	10.8	19	1.7	25	
BATESVILLE L & O #1	23	9.0	7.5	7.3	7.4	7.3	7.1	7.0	7.0	7.0	6.8	7.2	6.9	6.8	8.0	10.0	12.8	13.9	13.6	17.9	15.3	11.5	10.1	8.9	8.4	7.4	6.6	7.2	7.1	7.2	7.0	6.9	17.9	19	6.6	26	
NEWPORT	26	5.1	4.7	3.5	3.5	3.3	3.1	2.9	2.7	2.7	2.5	2.8	2.7	2.5	2.6	5.2	6.8	10.1	10.2	12.2	14.3	12.1	8.9	6.7	5.0	4.3	3.2	2.7	2.8	2.7	2.7	2.5	14.3	20	2.5	10	
GEORGETOWN	21	5.2	5.7	5.8	5.3	4.6	4.4	4.2	3.9	3.9	3.6	3.6	3.5	3.4	3.4	3.8	4.5	6.4	8.8	10.5	11.8	13.1	12.9	11.7	10.0	8.2	6.8	5.6	4.6	4.0	3.8	3.4	13.1	21	3.4	15	
CLARENOON	26	13.6	13.4	13.4	13.4	13.3	12.9	12.5	12.2	12.2	11.9	12.0	12.0	12.0	12.0	12.2	14.2	14.2	15.0	16.1	17.2	18.1	18.9	19.3	19.4	18.9	18.0	16.8	15.5	14.2	13.2	12.4	19.4	24	11.9	10	
PETIT JEAN OANVILLE	20	3.5	3.5	3.4	3.4	3.1	3.1	2.9	2.8	2.9	3.1	3.2	6.7	5.2	4.8	4.8	7.0	5.6	5.0	5.8	6.4	6.2	4.9	4.7	3.3	3.1	3.1	3.1	3.1	3.1	3.6	3.6	3.6	7.0	16	2.8	8
ARKANSAS VAN BUREN	22	20.9	20.4	18.9	17.0	15.5	14.5	13.4	10.8	12.9	12.1	13.3	13.0	12.0	14.3	18.0	20.9	21.9	20.3	20.0	19.1	16.6	14.8	13.2	12.0	10.7	10.4	9.9	9.5	9.3	9.3	9.0	21.9	17	9.0	31	
OZARK	22	16.4	16.0	15.1	13.4	11.5	10.5	9.8	7.6	7.1	8.2	8.7	9.2	8.3	8.3	13.0	15.5	17.0	16.4	15.3	15.0	13.1	11.1	9.4	8.0	7.7	6.0	5.7	5.2	5.0	4.7	4.9	17.0	17	4.7	30	
OAROANELLE	22	18.3	17.8	17.3	15.9	14.2	12.4	11.7	10.8	8.8	10.1	9.8	11.0	10.9	9.8	11.5	15.6	18.3	19.0	17.5	17.1	16.1	14.0	12.3	10.8	9.6	8.3	7.7	7.4	6.9	6.6	6.4	19.0	18	6.4	31	
MORRILTON	20	24.0	23.6	23.2	22.0	20.4	18.2	17.4	16.1	15.1	14.4	15.3	16.1	16.4	15.6	15.3	20.2	23.0	24.8	23.4	22.5	22.0	20.2	18.2	16.6	15.1	13.8	12.9	12.6	12.2	11.8	11.4	24.4	18	11.4	31	
LITTLE ROCK WB AP	23	15.1	14.9	14.5	13.9	12.8	11.1	9.6	8.9	8.1	6.9	7.0	7.3	8.1	8.0	7.3	9.4	12.7	14.8	15.3	14.0	13.7	12.6	10.9	9.3	7.9	7.0	6.8	5.9	5.3	5.0	4.7	4.4	15.3	19	4.4	31
PINE BLUFF	25	17.9	17.7	17.5	17.2	16.6	15.3	13.8	12.5	11.8	10.6	9.4	10.1	10.3	11.0	10.6	10.4	13.9	16.4	17.8	17.5	16.7	15.9	15.1	13.6	12.0	10.6	9.5	8.1	7.1	7.0	6.7	17.9	1	6.7	31	
CAOON GLENWOOD	10	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.8	9	3.3	29
SALINE BENTON	20	4.2	4.0	3.8	3.7	3.6	3.5	3.4	3.3	3.4	3.7	4.2	5.5	6.2	5.5	5.0	4.8	4.7	5.5	5.1	4.7	4.4	4.2	4.1	3.9	3.8	3.7	3.7	3.8	3.8	3.6	3.6	6.2	13	3.3	8	
LITTLE MISSOURI BOUGHTON	20	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6	8.0	11.7	8.4	6.7	5.7	5.2	4.4	4.8	5.5	5.0	4.4	4.4	4.3	4.3	4.3	4.3	4.2	4.1	4.1	4.0	4.0	3.9	3.9	11.7	10	3.6	8	
OUACHITA ARKAOELPHIA CAMOEN	17	3.1	3.1	3.0	3.1	3.1	3.0	3.1	3.1	3.4	4.0	3.5	3.6	3.7	3.7	3.4	3.2	3.4	3.2	3.2	3.3	3.3	3.6	3.4	3.3	3.1	3.1	3.1	3.2	3.2	3.1	3.1	4.0	10	3.0	6	
LITTLE WHITECLIFFS	26	4.3	4.1	3.9	3.8	3.5	3.6	3.8	3.8	3.9	4.2	5.6	7.4	7.1	6.0	5.2	5.2	4.9	4.7	4.7	4.4	4.3	4.5	4.8	4.7	4.5	4.4	4.3	3.7	4.0	4.0	4.0	7.4	12	3.5	5	
REO FULTON	25	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.2	0.2	0.2	0.2	1.0	2.5	2.5	2.6	2.6	1.8	1.6	1.5	1.5	1.4	1.1	1.1	1.1	1.1	1.1	-	-	-	-	-	-	-	29	
ST. FRANCIS ST. FRANCIS LAKE	18	8.9	7.9	6.3	4.7	3.6	3.0	2.7	2.6	2.5	3.2	5.5	6.6	3.2	5.0	4.2	3.1	2.6	2.4	2.3	2.8	5.2	5.7	5.0	3.9	2.9	2.5	2.3	2.2	2.5	3.7	8.9	1	2.2	28		
MARKED TREE	30	18.9	18.8	18.6	18.5	18.3	18.1	18.0	17.8	17.4	17.0	16.6	16.6	16.6	16.8	16.6	16.3	16.1	16.0	15.8	15.1	16.0	16.3	16.3	16.1	16.0	15.8	15.8	15.6	15.6	18.3	17.6	18.3	30	14.5	30	
PARKIN	17	6.1	6.0	6.0	6.0	5.9	5.8	5.8	5.7	5.6	5.4	5.2	5.2	5.1	5.3	5.3	5.1	5.1	5.0	4.9	4.6	4.0	3.8	3.8	3.8	3.7	3.7	3.6	3.6	3.6	1.0	3.7	6.1	1	1.0	30	
MAOISON	28	6.2	6.2	6.1	6.0	5.8	5.8	5.7	5.6	5.5	5.4	5.4	5.4	5.3	5.5	5.7	5.6	5.3	5.1	5.0	4.9	4.8	4.6	4.3	4.2	4.1	4.0	3.9	3.9	3.9	3.1	2.5	6.2	1	2.5	31	
MISSISSIPPI HELENA	32	6.1	6.4	6.3	5.9	5.1	4.3	3.9	3.8	3.7	3.7	3.6	3.4	3.3	3.2	3.8	3.7	3.5	3.3	3.1	3.0	2.9	2.8	2.6	2.4	2.1	2.0	2.0	1.9	1.9	1.9	1.7	6.4	2	1.7	31	
ARKANSAS CITY	44	24.6	24.9	24.6	23.8	22.4	20.4	18.9	18.3	17.9	17.3	16.6	16.2	15.6	15.1	14.6	13.8	12.9	11.8	10.9	10.5	10.4	10.1	9.4	8.8	8.6	8.4	8.4	8.2	7.9	7.6	6.8	24.9	2	6.8	31	
	42	21.2	22.5	23.8	23.7	23.1	22.2	20.7	19.2	18.3	17.5	17.0	16.1	15.6	15.2	14.9	14.5	14.0	13.0	14.4	14.6	14.6	14.2	13.8	13.1	12.3	11.6	11.0	10.5	9.9	9.3	8.7	23.8	3	8.7	31	

The following reference notes apply only to Table 7 - Daily River Stages:
Readings are made at approximately 7 a.m. (Local time). They are provisional and subject to corrections.
Final and corrected stages will be published in the annual publication "Daily River Stages - Principal Rivers of the United States".

- a Obstructed by rough ice.
- h Frozen but open at gage.
- c Upper surface of smooth ice.
- d Ice gorge above gage.
- e Ice gorge below gage.
- f Shore ice.
- g Floating ice.
- h Pool stage.
- i Dry at gage.
- j Interpolated.

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE	O LAT.	O LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
ABBOTT	0066	SCOTT	ARKANSAS	35 04	94 12	624	C		7A		7		JAMES V. WILLIAMS	2 3
ALICIA	0118	LAWRENCE	WHITE	35 54	91 05	256	C		MID		22		BEN R. BUSH	2 3 4
ALPINE	013D	CLARK	OUACHITA	34 16	93 23	-	C		7A		2		MRS. ALTA F. GARNER	2 3
ALUM FORK	0136	SALINE	ARKANSAS	34 48	92 52	755	C	5P	5P	11	11		L. R. WATER WORKS	2 3 4 5
ALY	0178	YELL	OUACHITA	34 47	93 29	850	C		MID		6		MRS. ELVIA LAMB	2 3 4
ANTOINE	D188	PIKE	OUACHITA	34 02	93 25	285	C		8A		6		EARNEST F. CARROLL	2 3
APLIN	0196	PERRY	ARKANSAS	34 58	92 59	400	C		7A		4		BESSIE L. EDWARDS	2 3
APPLETON	0220	POPE	ARKANSAS	35 25	92 53	522	C		MID		8		JOHN A. JONES	2 3 4
ARKADELPHIA	0234	CLARK	OUACHITA	34 07	93 03	200	C	7A	7A	52	52		W. H. HALLIBURTON	2 3 4 5 7
ARKANSAS CITY	0286	DESHA	MISSISSIPPI	33 37	91 12	145	C		8A		58		JOHN W. TRAMMELL	2 3 7
ASHDOWN	0300	LITTLE RIVER	RED	33 40	94 08	329	C	8A	8A	4	4		SOUTHWESTERN G & E	2 3 5
ATHENS	0310	HOWARD	RED	34 19	93 58	960	C		7A		0		ARRA D. PARKER	2 3
ATLANTA	0326	COLUMBIA	OUACHITA	33 07	93 02	329	C		MID		3		MISS EFFIE PERRY	2 3 4 7
AUGUSTA	0456	WOODRUFF	WHITE	35 17	91 22	218	C		7A		13		DAVID G. GRIFFITHS	2 3 4 7
BATESVILLE AIRWAY	0460	INDEPENDENCE	WHITE	35 46	91 39	363	C	MID	MID	40	40		AIRWAY OBSERVER	2 3 5
BATESVILLE LIVESTOCK	0496	INDEPENDENCE	WHITE	35 49	91 47	571	C	9A	9A	7	7		UNIV. OF ARKANSAS	2 3 5
BATESVILLE L & D 1	0512	INDEPENDENCE	WHITE	35 45	91 38	277	C		7A		35		B. M. HUDDLESTON	2 3 4 7
BEAR CREEK LAKE	0518	LEE	WHITE	34 43	90 42	220	C		MID		2		S C S	2 3 4
BEATY LAKE	0528	ST. FRANCIS	ST. FRANCIS	35 05	90 43	400	C		5P		7		L. G. ADAMSON	2 3
BEAVER	0528	CARROLL	WHITE	36 28	93 46	930	C		7A		3		H. E. SKELTON	2 3 7
BEE BRANCH	D530	VAN BUREN	ARKANSAS	35 27	92 24	650	C	5P	5P	56	56		MINNIE SCANLAN	2 3 5
BEEBE	D534	WHITE	WHITE	35 04	91 54	250	C		MID		5		JR. AG. COLLEGE	2 3 4
BEECH GROVE	0536	GREENE	WHITE	36 09	90 38	298	C		8A		7		B. B. HAMMOND	2 3
BEEDEVILLE	0582	JACKSON	WHITE	35 26	92 06	221	C		8A		8		P. M. BRECKINRIDGE	2 3
BENTON	0586	SALINE	SALINE	34 33	91 37	285	C	7A	7A	19	19		MRS. ETTA C. BURKS	2 3 5 7
BENTONVILLE	D616	BENTON	ARKANSAS	36 22	94 13	1295	C	8A	8A	42	42		E. L. BROWN	2 3 5
BERRYVILLE	0644	CARROLL	WHITE	36 22	93 34	1255	C		MID		5		LUCILLE R. MC WETHY	2 3 4
BETHESDA	0662	INDEPENDENCE	WHITE	35 49	91 47	500	C	8A	8A	8	8	5	S C S	2 3 5 6
BIG FLAT	0664	BAXTER	WHITE	36 00	92 24	1250	C		7A		2		W. C. NORMAN	2 3
BIG FORK	0676	POLK	OUACHITA	34 29	93 58	1100	C		4P		4		ANNA M. LILES	2 3
BIG LAKE OUTLET	0746	MISSISSIPPI	ST. FRANCIS	35 51	90 08	239	C		7A		3		N. W. DOUGLAS	2 3
BLACK ROCK	D798	LAWRENCE	WHITE	36 07	91 06	259	C		7A		46		J. H. RAGAN	2 3 7
BLUE MOUNTAIN DAM	D806	YELL	ARKANSAS	35 06	93 39	-	C		MID		8		U. S. ENGINEERS	2 3 4
BLYTHEVILLE	0828	MISSISSIPPI	ST. FRANCIS	35 56	89 55	252	C	7A	7A	22	22		R. E. BLAYLOCK	2 3 5
BODNEVILLE 3 MI S.W.	0830	LOGAN	ARKANSAS	35 09	93 58	465	C	6P	6P	33	33		NOVA RAE BURDCK	2 3 4 5
BOONEVILLE	D842	VAN BUREN	WHITE	35 39	92 30	1200	C		MID		3		CLEO E. YANDELL	2 3 7
BOTKINBURG	D848	NEVADA	OUACHITA	33 52	93 18	235	C		8A		13		THOMAS M. PEARSON	2 3 4
BOUGHTON	0872	WHITE	WHITE	35 25	91 28	240	C		7A		3		MAXINE K. ALLEN	2 3 7
BRADFORD	0936	MONROE	WHITE	34 54	91 11	205	C	7A	7A	57	57		MARSHALL HICKMON	2 3
BRINKLEY	102D	BAXTER	WHITE	36 22	92 34	760	C		MID		1		ROBERT L. GLDVER	2 3 4 5
BULL SHOALS DAM	1052	MISSISSIPPI	MISSISSIPPI	35 49	89 56	240	C		6P		4		U. S. ENGINEERS	2 3 4
BURDETTE	1102	LONOKE	WHITE	34 59	92 01	289	C		6P		6		G. A. HALE	2 3
CABOT	1132	IARD	WHITE	36 08	92 08	380	C		7A		43		B. M. WALTHER	2 3
CALICO ROCK	1152	OUACHITA	OUACHITA	33 36	92 49	116	C	7A	7A	58	58		MRS. M. R. BIGGERS	2 3 7
CAMDEN 1	1154	DUACHITA	DUACHITA	33 35	92 51	155	C		MID		8		JOHN M. KNIGHT	2 3 5 7
CAMDEN 2	1172	SEBASTIAN	ARKANSAS	35 18	94 18	419	C	8A	8A	6	6		EDITH Z. LEHMAN	2 3 4
CAMP CHAFFEE	1188	SEARCY	WHITE	35 52	92 44	-	C		MID		8		U. S. ARMY	2 3 5
CANAAN	1224	LONOKE	ARKANSAS	34 47	91 45	235	C		8A		7		FRONEY DELL HORTON	2 3 4
CARLISLE	1238	GARLAND	OUACHITA	34 27	93 01	-	C		MID		8		R. W. HOLLIS	2 3
CARPENTER DAM	1442	MONROE	WHITE	34 41	91 18	172	C		7A		44		ARK. P. & L. CO.	2 3 4
CLARENDON	1456	JOHNSON	ARKANSAS	35 29	93 28	370	C		MID		8		B. F. NORTHERN	2 3 7
CLARKSVILLE	1492	VAN BUREN	WHITE	35 35	92 28	510	C		7A		26		THOMAS L. SMITH	2 3 4
CLINTON	1520	SCOTT	OUACHITA	34 58	93 54	1250	C		7A		7		EARL B. RIDDICK	2 3
COLD SPRINGS	1574	MADISON	WHITE	35 50	93 50	1400	C		MID		8		MARGARET ZORNES	2 3
COMBS	1582	NEWTON	WHITE	36 06	93 18	895	C		MID		5		ROSA J. COMBS	2 3 4
COMPTON	1596	FALKNER	ARKANSAS	35 05	92 27	309	C	5P	5P	64	64		WILLIAM L. BINAM	2 3 4
CONWAY	1632	CLAY	WHITE	36 24	90 35	293	C	7A	7A	54	54		G. Y. SHORT	2 3 5
CORNING	1640	MARION	WHITE	36 14	92 31	440	C		8A		20		MRS. LAURA POLK	2 3 4 5
COTTER	1666	POLK	RED	34 26	94 25	1050	C		7A		8		O. B. MC SPADEN	2 3 7
COVE	1730	ASHLEY	OUACHITA	33 02	91 56	175	C	5P	5P	25	35		WILLIAM M. RAYMOND	2 3
CROSSETT	1750	PULASKI	ARKANSAS	34 42	92 26	350	C		7A		4		U. S. FOREST SERVICE	2 3 5
CRYSTAL VALLEY	1756	VAN BUREN	WHITE	35 30	92 33	750	C		7A		6		VIRDA' BYRD	2 3
CULPEPPER	1768	LINCOLN	ARKANSAS	34 08	91 35	176	C	7P	7P	4	4		MRS. LIZZIE THOMPSON	2 3
CUMMINS FARM	1814	PIKE	OUACHITA	34 14	93 45	629	C		MID		6		T. C. COGBILL	2 3 5
DAISY	1834	YELL	ARKANSAS	35 03	93 24	370	C		7A		32		ROBERT T. TEDDER	2 3 4
DANVILLE	1838	YELL	ARKANSAS	35 13	93 09	330	C	7A	7A	62	62		J. A. MOUDY	2 3 7
DARDANELLE	1948	SEVIER	RED	34 02	94 21	426	C	6P	6P	14	14		GEORGE N. GODDIER	2 3 5 7
DE QUEEN	1956	CARROLL	WHITE	36 23	93 18	1028	C		MID		6		L. D. MC COWN	2 3 5
DENVER	196D	CHICOT	MISSISSIPPI	33 31	91 26	140	C		8A		8		CLARENCE E. COLLINS	2 3 4
DERMOTT	1968	PRAIRIE	WHITE	34 58	91 30	204	C	7A	7A	12	12		L. W. WILSON	2 3
DES ARC	1982	JOHNSON	ARKANSAS	35 43	93 24	2350	C	5P	5P	11	11		C. J. RISTER	2 3 5 7
DEVILS KNOB	2148	OESHA	MISSISSIPPI	33 53	91 30	162	C	7P	7P	41	41		ARCHIE BRADLEY	2 3 5
DUMAS 1	2150	DESHA	MISSISSIPPI	33 53	91 30	-	C		MID		5		BEN JOHNSON	2 3 5
DUMAS 2	2176	WASHINGTON	WHITE	35 57	93 59	1243	*C		MID		8		BETTY R. HOLMES	2 3 4
OURHAM	2204	SCOTT	ARKANSAS	34 43	94 19	1150	C		8A		21		ANNIE A. WHITE	2 3 4
EAGLE GAP	2300	UNION	OUACHITA	33 13	92 48	278	C	7A	7A	47	47		MRS. MINA C. RABB	2 3
EL DORA00	2315	WASHINGTON	WHITE	36 04	92 35	1364	C	6	6	0	0		AYLMER H. MC BRIDE	2 3 5
ELKINS	2356	CARROLL	WHITE	36 24	93 45	1465	C	6P	6P	46	46		HERBERT S. CLARK	2 3 5
EUREKA SPRINGS	2366	SHARP	WHITE	36 05	91 37	490	C		7A		8		GEORGE W. NICHOLDS	2 3 5
EVENING SHADE	2442	WASHINGTON	WHITE	36 05	94 10	1370	C		MID		8		OPHA WOLFE	2 3 7
FAYETTEVILLE	2444	WASHINGTON	WHITE	36 06	94 10	1412	C	7P	7P	10	10		CHARLES F. FORD	2 3 5
FAYETTEVILLE EXP. STN.	2540	DALLAS	OUACHITA	33 42	92 22	280	C	5P	5P	60	60		UNIV. OF ARKANSAS	2 3 5
FORDYCE	2544	LITTLE RIVER	RED	33 43	94 24	400	C	5P	5P	16	16		ARK. FOR. COM.	2 3 5
FOREMAN	2556	SCOTT	ARKANSAS	34 46	93 49	650	C		MID		8		LESLIE P. CALLONS	2 3 4
FORESTER	2564	ST. FRANCIS	ST. FRANCIS	35 02	90 46	260	C		7A		7		A. L. MC CRAW	2 3
FORT SMITH	2574	SEBASTIAN	ARKANSAS	35 20	94 22	458	C	MID	MID	66	66		THOMAS A. MOORE	2 3 4
FORT SMITH WTR PLNT	2578	CRAWFORD	ARKANSAS	35 39	94 09	793	C		7A		10		U. S. WEATHER BUREAU	2 3 4 5 7
FOUNTAIN HILL	2598	ASHLEY	OUACHITA	33 21	91 50	175	C		8A		5		R. J. SCHOEPE	2 3
													JETHRO R. DENSON	2 3

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				O	'	O	'		ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
FULTON	2670	HEMPSTEAD	REO	33	37	93	48	260	C		8A		62	INA J. LOGAN	2 3 7	
GARLAND	2710	MILLER	REO	33	21	93	42	230	C		7A		4	L. O. OENNEY	2 3 7	
GEORGETOWN	2760	WHITE	WHITE	35	07	91	26	200	C		7A		35	J. S. MC OGNALO	2 3 7	
GILBERT	2794	SEARCY	WHITE	35	59	92	43	650	C	7A	7A	22	22	O. O. OENNIS	2 3 4 5 7	
GLENWOOD	2842	PIKE	OUACHITA	34	20	93	33	547	C		8A		13	CHARLES A. PRICE	2 3 7	
GRANNIS	2908	POLK	REO	34	14	94	20	920	C	7A	7A	22	22	W. E. MC VAY	2 3 5	
GRAVELLY	2922	YELL	ARKANSAS	34	53	93	41	498	C		7A		8	HAROLO L. FRIZZELL	2 3 7	
GRAVETTE	2930	BENTON	ARKANSAS	36	36	94	32	1250	C	6P	6P	50	50	J. A. SCHMIOT	2 3 5	
GREEN FOREST	2946	CARROLL	WHITE	36	20	93	26	1350	C		7A		8	OBEA B. WILSON	2 3	
GREEN MOUNTAIN	2952	STONE	WHITE	36	02	92	12	1100	C	5P	5P	10	10	U. S. FOREST SERVICE	2 3 5	
GREENBRIER	2962	FAULKNER	ARKANSAS	35	14	92	14	360	C		7A		5	J. O. CANTRELL	2 3	
GREENWOOD	2976	SEBASTIAN	ARKANSAS	35	13	94	15	518	C		7A		8	OOROTHY M. BEEN	2 3	
GURON	3074	CLARK	OUACHITA	33	54	93	09	210	C		7A		0	ROY S. ROBBIS	2 3	
HAMPTON	3098	CALHOUN	OUACHITA	33	32	92	28	202	C		7A		8	BILL S. WATSON	2 3	
HAROT	3132	SHARP	WHITE	36	19	91	29	362	C		MIO		8	T. B. OONALOSON	2 3 4	
HARRISBURG	3160	POINSETT	ST. FRANCIS	35	34	90	44	280	C		MIO		7	JOHN O. MAY	2 3 4	
HARRISON	3164	BOONE	WHITE	36	14	93	07	1052	C	6P	6P	47	47	R. C. BEENE	2 3 5	
HEBER SPRINGS 3 MI. S.W.	3230	CLEBURNE	WHITE	35	28	92	03	-	C		MIO		6	WAYNE STARK	2 3 4	
HECTOR	3235	POPE	ARKANSAS	35	28	92	58	555	C		7A		0	NETTIE R. ALTER	2 3	
HELENA	3242	PHILLIPS	MISSISSIPPI	34	32	90	35	200	C	7A	7A	75	75	JAMES A. BURNETT	2 3 5 7	
HENOERSON	3258	BAXTER	WHITE	36	22	92	14	498	C		6P		7	DAISY A. PORTER	2 3	
HILLEMANN	3354	WOODRUFF	WHITE	35	08	91	05	231	C		6P		5	JOHN B. MAULON	2 3	
HOPE	3428	HEMPSTEAD	REO	33	43	93	33	375	C	7A	7A	77	77	UNIV. OF ARKANSAS	2 3 5 6	
HOPPER	3438	MONTGOMERY	OUACHITA	34	22	93	41	700	C		7A		0	MRS. LONA A. SHIELDS	2 3	
HORATIO	3442	SEVIER	REO	33	56	94	22	337	C		6A		2	ELIZABETH W. FRIQAY	2 3 7	
HOT SPRINGS NATL. PARK	3466	GARLAND	OUACHITA	34	31	93	03	630	C	7A	7A	55	55	NATIONAL PARK SERVICE	2 3 5	
HUNTSVILLE	3540	MAOISON	WHITE	36	05	93	44	1453	C		MIO		8	MRS. MAY P. MARKELY	2 3 4	
HUTTIG OAM	3556	UNION	OUACHITA	33	02	92	05	60	C		8A			U. S. ENGINEERS	2 3 4	
ICELEOD	3570	NEWTON	WHITE	35	52	92	59	1365	C		5P		4	LOY E. HILL	2 3	
INOEX	3584	LITTLE RIVER	REO	33	35	94	03	300	C		8A		23	W. E. MC OOWELL	2 3 7	
JASPER	3600	NEWTON	WHITE	36	01	93	11	857	C		7A			MRS. LETTIE O. OAVIS	2 3	
JONESBORO	3734	CRAIGHEAD	WHITE	35	50	90	42	345	C	7A	7A	52	52	BENEOICTINE SISTERS	2 3 5	
KEO	3862	LONOKE	ARKANSAS	34	36	92	00	230	C	7P	7P			R. A. WALLER	2 3 5	
KINGSLAND	3904	CLEVELAND	OUACHITA	33	50	92	16	214	C		MIO		5	CLAUDIE W. HUNTER	2 3 4	
LAKE CITY	3998	CRAIGHEAD	ST. FRANCIS	35	49	90	26	230	C		4P		8	TRESSA ST. CLAIR	2 3	
LAKE LEATHERWOOD	4006	CARROLL	WHITE	36	27	93	46	-	C		MIO		3	CECIL E. MABERRY	2 3 4	
LANGLEY	4060	PIKE	OUACHITA	34	19	93	50	-	C		7P		4	MRS. J. A. JONES	2 3	
LEAO HILL	4106	BOONE	WHITE	36	24	92	54	650	C	7P	7P	42	42	F. W. KELLOGG	2 3 5	
LEE CREEK	4116	CRAWFORD	ARKANSAS	35	42	94	19	1000	C		7A		2	ORPHA W. COOKSEY	2 3	
LEOLA	4134	GRANT	OUACHITA	34	10	92	35	261	C		7A		5	J. R. RHOODES	2 3	
LITTLE ROCK WB AIRPORT	4248	PULASKI	ARKANSAS	34	44	92	14	257	C	MIO	MIO	68	68	U. S. WEATHER BUREAU	2 3 4 5 7	
LITTLE ROCK FILT. PLANT	4250	PULASKI	ARKANSAS	34	46	92	19	512	C		7A			L. R. WATER WORKS	2 3	
LOCK AND OAM NO. 3	4256	INOEPENOENCE	WHITE	35	51	91	51	370	C		MIO			EO ANSEL	2 3 7	
LOST CORNERS	4324	POPE	WHITE	35	34	92	50	1550	C		7A			CATH. T. RUSSELL	2 3	
LOUANN	4332	OUACHITA	OUACHITA	33	24	92	48	132	C		6P		4	CHARLES S. CURRAN	2 3	
LURTON	4386	NEWTON	WHITE	35	46	93	05	2007	C		8A			I. C. SUTTON	2 3	
LUTHERVILLE	4390	JOHNSON	ARKANSAS	35	29	93	15	775	C	6P	6P	51	51	MRS. H. G. LENHAROT	2 3 5	
MAOISON	4528	ST. FRANCIS	ST. FRANCIS	35	00	90	43	215	C		7A		17	J. W. EPPES	2 3 7	
MAGNOLIA	4548	COLUMBIA	REO	33	17	93	14	315	C	6P	6P	31	31	STATE AGRI. SCHOOL	2 3 4 5	
MALVERN	4562	HOT SPRINGS	OUACHITA	34	22	92	49	311	C		8A		52	JOOIE W. MC MULLEN	2 3	
MAMMOTH SPRING	4572	FULTON	WHITE	36	29	91	32	600	C		8A		43	CATHERINE S. COX	2 3 5	
MARIANNA	4638	LEE	ST. FRANCIS	34	44	90	49	234	C		8A		36	UNIV. OF ARKANSAS	2 3 4 5	
MARKEO TREE	4654	POINSETT	ST. FRANCIS	35	32	90	25	229	C	7A	7A	43	43	CHARLES WALTON	2 3 5 7	
MARSHALL	4666	SEARCY	WHITE	35	55	92	43	1050	C	6P	6P	29	29	MRS. MINNIE HORTON	2 3 5	
MARVELL	4678	PHILLIPS	WHITE	34	33	90	55	195	C		8A			J. O. LOWRIE	2 3	
MAUMEE	4696	SEARCY	WHITE	36	03	92	39	749	C		MIO		8	NAOINE F. OAVENPORT	2 3 4	
MELBOURNE	4746	IZARD	WHITE	36	04	91	54	610	C		7A		3	WALTER E. HALL	2 3	
MENA	4756	POLK	OUACHITA	34	35	94	15	1207	C	7A	7A	59	59	E. W. ST. JOHN	2 3 4 5	
MONTICELLO	4900	OREW	OUACHITA	33	35	91	50	250	C	MIO	MIO	7	7	AIRWAY OBSERVER	2 3 4 5	
MONTROSE	4906	ASHLEY	OUACHITA	33	18	91	29	125	C		MIO		5	JAMES L. ALSOBROOK	2 3 4	
MOROBYA LOCK AND OAM	4934	CALHOUN	OUACHITA	33	19	92	27	85	C		6P		8	U. S. ENGINEERS	2 3 4	
MORRILTON	4938	CONWAY	ARKANSAS	35	08	92	44	328	C	7A	7A	31	31	L. A. OICUS	2 3 5 7	
MOUNT IOA	4988	MONTGOMERY	OUACHITA	34	33	93	37	702	C	6P	6P	48	48	J. S. WHITTINGTON	2 3 5	
MOUNT IOA RIVER	4990	MONTGOMERY	OUACHITA	34	33	93	37	-	C		MIO		4	JOHN WALLBRITTON	2 3 4	
MOUNTAIN HOME	5036	BAXTER	WHITE	36	20	92	30	800	C	7P	7P	35	35	H. N. HALBERT	2 3 4 5	
MOUNTAIN VIEW	5046	STONE	WHITE	35	52	92	07	768	C		7A		8	W. O. WORTHINGTON	2 3	
MOUNTAINBURG	5056	CRAWFORD	ARKANSAS	35	38	94	10	736	C		6P		10	C. A. LOVELL	2 3	
MULBERRY	5072	FRANKLIN	ARKANSAS	35	34	94	01	500	C		7A		8	HENRY G. ARVIN	2 3 7	
MURFREESBORO	5078	PIKE	OUACHITA	34	04	93	41	367	C		MIO		8	ERNEST J. BABBITT	2 3 4	
NASHVILLE	5112	HOWARD	REO	33	58	93	51	350	C	7P	7P	9	9	BRICE CARRUTH	2 3 5	
NASHVILLE S C S	5114	HOWARD	REO	33	57	93	51	373	C		MIO		4	S C S	2 3 4	
NEWHOPE	5174	PIKE	OUACHITA	34	14	93	50	850	C		7A		8	FLOYD WORO	2 3	
NEWPORT	5186	JACKSON	WHITE	35	36	91	17	225	C		7A		64	WILLIS T. MOYER	2 3 5 7	
NIMROO OAM	5200	PERRY	ARKANSAS	34	57	93	10	470	C		8A		6	U. S. ENGINEERS	2 3 4 5 6	
NORFORK OAM	5228	BAXTER	WHITE	36	15	92	15	425	C		8A		7	U. S. ENGINEERS	2 3 4 5 6	
OELL	5354	WASHINGTON	ARKANSAS	35	48	94	24	1500	C		7A			MRS. RENZO HURST	2 3	
OEN	5358	MONTGOMERY	OUACHITA	34	38	93	48	800	C		MIO		20	U. S. FOREST SERVICE	2 3	
OKAY	5376	HOWARD	REO	33	44	93	56	300	C	5P	5P	19	19	J. T. HARGIS	2 3 5	
OSCEOLA	5480	MISSISSIPPI	MISSISSIPPI	35	43	89	58	250	C		8A		47	C. E. CARTER	2 3	
OWENSVILLE	5498	SALINE	OUACHITA	34	27	92	49	500	C		8A		4	GUY COOK	2 3	
OZARK	5508	FRANKLIN	ARKANSAS	35	29	93	50	396	C	6A	6A	52	52	ORKNEY O. MILTON	2 3 5 7	
PARAGOULO	5562	GREEN	ST. FRANCIS	36	04	90	29	275	C	4P	4P	24	24	KORS	2 3 5	
PARKIN	5586	CROSS	ST. FRANCIS	35	16	90	35	222	C		7A		17	CARROLL KING	2 3 7	
PERRYVILLE	5694	PERRY	ARKANSAS	35	00	92	49	325	C	6P	6P	8	8	PAULINE BENNETT	2 3 5 7	
PINE BLUFF	5754	JEFFERSON	ARKANSAS	34	12	92	00	215	C	7A	7A	60	60	MARY T. SCHEU	2 3 5 7	
PINE BLUFF AP 3 MI. N.	5756	JEFFERSON	ARKANSAS													

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							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
PRESCOTT	5908	NEVAOA	OUACHITA	33 48	93 23	318	C	7A	7A	59	59		R. P. HAMBY	2 3 5
PRESCOTT S C S	5910	NEVAOA	OUACHITA	33 48	93 23	-	C		MIO		7		W. L. MC LEAN	2 3 4
PYATT	5970	MARION	WHITE	36 16	92 51	800	C		MIO		6		ONA V. MC LEAN	2 3 4
RATCLIFF	6008	LOGAN	ARKANSAS	35 18	93 53	463	C		7A		3		LULA MAE WEEKS	2 3 4
RAVANA	6016	MILLER	REO	33 04	94 02	250	C		MIO		8		ARNICE O. TAYLO	2 3 4
RED STAR	6078	MAOISON	WHITE	35 51	93 31	2250	C		7A		5		ORVAL F. CALLOWAY	2 3
REMMEL OAM	6102	HOT SPRING	OUACHITA	34 26	92 54	-	C		MIO		8		ARK. P. & L. CO.	2 3 4
RISON	6174	CLEVELANO	OUACHITA	33 48	92 11	231	C		8A		32		J. H. YANEY	2 3
ROCKHOUSE	6214	MAOISON	WHITE	36 17	93 40	1214	C		7A		2		CLAUOE O. SISCO	2 3
ROGERS	6248	BENTON	WHITE	36 18	94 02	1387	C	6P	6P	57	57		HOWARD FOWLER	2 3 5
RUSSELLVILLE	6352	POPE	ARKANSAS	35 18	93 08	360	C	5P	5P	35	35		U. S. FOREST SERVICE	2 3 5 6
SAINT CHARLES	6376	ARKANSAS	WHITE	34 23	91 08	200	C	8A	8A	14	14		U. S. BIOL. SURVEY	2 3 5 7
SAINT FRANCIS	6380	CLAY	ST. FRANCIS	36 27	90 08	300	C		7A		20		WILLIAM S. BUCKLEY	2 3 7
SAINT FRANCIS LAKE	6382	CLAY	ST. FRANCIS				C		7A				CHARLES W. WALTON	7
SEARCY	6506	WHITE	WHITE	35 15	91 44	245	C	7P	7P	37	37		ARTHUR O. SMITH	2 3 5
SHERIOAN	6566	GRANT	OUACHITA	34 27	92 21	290	C	6P	6P	7	7		ARK. FORESTRY COM.	2 3 5
SHIRLEY	6586	VAN BUREN	WHITE	35 38	92 17	600	C		6P		8		MAOU H. BRAOFORO	2 3
SILOAM SPRINGS	6624	BENTON	WHITE	36 11	94 33	1150	C	6P	6P	7	7		JOHN BROWN UNIVERSITY	2 3 5
SMITHVILLE	6698	LAWRENCE	WHITE	36 05	91 18	450	C		MIO		2		NORA F. RUOY	2 3 4
STAR CITY	6820	LINCOLN	OUACHITA	33 57	91 50	250	C		2P		5		R. A. GOYEN	2 3
STEVE	6856	YELL	ARKANSAS	34 53	93 19	682	C		7A		4		T. P. SIMS	2 3
STORY	6890	MONTGOMERY	OUACHITA	34 42	93 31	650	C		7A		23		S. C. STORY	2 3
STUTTIGART	6918	ARKANSAS	ARKANSAS	34 29	91 32	214	C	7A	7A	60	60		GEORGE L. CLARK	2 3 5
STUTTIGART 9 MI. ESE.	6920	ARKANSAS	ARKANSAS	34 28	91 25	198	C	7A	7A	12	12		UNIV. OF ARKANSAS	2 3 4 5 6
SUBIACO	6928	LOGAN	ARKANSAS	35 18	93 39	500	C	7P	7P	49	49		NEW SUBIACO ABBEY	2 3 5
SUGAR GROVE	6940	LOGAN	ARKANSAS	35 04	93 48	500	C		9A		8		O. R. FENNELL	2 3
SUGAR LOAF MOUNTAIN	6944	CLEBURNE	WHITE	35 29	91 58	300	C		7A		3		SANTFROE REYNOLOS	2 3 7
TAYLOR	7038	COLUMBIA	REO	33 06	93 27	247	C		6P		5		YANCY M. NORWOOD	2 3
TEXARKANA WB AIRPORT	7048	MILLER	REO	33 27	94 00	368	C	MID	MIO	63	63		U. S. WEATHER BUREAU	2 3 4 5
TINSMAN	7118	CALHOUN	OUACHITA	33 38	92 21	170	C		7A		5		HENRY S. SPEER	2 3
TURNPIKE	7262	POPE	ARKANSAS	35 40	93 05	2087	C	6P	6P	23	23		U. S. FOREST SERVICE	2 3 5
VAN BUREN	7370	CRAWFORD	ARKANSAS	35 26	94 21		C						BEN CORNELUS	7
VICK	7420	BRAOLEY	OUACHITA	33 19	92 09	115	C		6P		6		WILLARO K. SHARP	2 3
VIOLA	7450	FULTON	WHITE	36 24	91 59	692	C		7A		7		A. F. KING	2 3
WALORON	7488	SCOTT	ARKANSAS	34 54	94 06	675	C	5P	5P	28	28		WILLIAM O. BIVENS	2 3 4 5
WALNUT GROVE	7524	INOEPENDENCE	WHITE	35 51	91 21	250	C		6P		7		A. H. FAST	2 3
WARREN	7582	BRAOLEY	OUACHITA	33 36	92 04	206	C	6P	6P	53	53		C. N. TURNER	2 3 5
WEDINGTON LAKE	7638	WASHINGTON	ARKANSAS	36 06	94 23	1150	C		MIO		3		HARRY E. BIRKINSHA	2 3 4
WEST FORK	7694	WASHINGTON	WHITE	35 55	94 11	1340	C		MIO		8		MRS. N. C. THRELKELD	2 3 4
WHEELING	7744	FULTON	WHITE	36 19	91 52	680	C		MIO		8		THOMAS W. CONE	2 3 4
WHITECLIFFS	7812	LITTLE RIVER	REO	33 48	94 03	290	C		7A				L. M. SNEAO	2 3 7
WHITE ROCK	7772	FRANKLIN	ARKANSAS	35 41	93 57	2285	C	5P	5P	11	11		U. S. FOREST SERVICE	2 3 5
WILSON	7912	MISSISSIPPI	MISSISSIPPI	35 34	90 02	237	C	7A	7A	22	22		O. O. ANDERSON	2 3 5
WINFREY	7936	CRAWFORD	ARKANSAS	35 44	94 06	1152	C		MIO		8		CLYOE F. MEAORS	2 3 4
WING	7950	YELL	ARKANSAS	34 57	93 28	350	C		MIO		5		MILES B. TEAROR	2 3 4
WYNNE	8052	CROSS	ST. FRANCIS	35 13	90 46	260	C	6P	6P	39	39		P. G. QUEENSBERRY	2 3 5
YELLVILLE	8084	MARION	WHITE	36 13	92 41	900	C		7A		3		L. E. JOHNSON	2 3 7
NATHAN 4 MI. N.W.	5158	HOWARO	OUACHITA	34 07	93 52	550	C		7A		0		EONA J. WESTFALL	2 3
PARTHENON	5602	NEWTON	ARKANSAS	35 57	93 15	925	C		MIO		8		ARTHUR B. CARLTON	2 3 4
BLUFF CITY	0800	NEVAOA	OUACHITA	33 41	93 09	360	C		7A		-		R. P. PLYLER	2 3
JESSIEVILLE	3704	GARLANO	OUACHITA	33 42	93 04	730	C		7A		9		MRS. VELMA R. OUNN	2 3
SPARKMAN	6768	OALLAS	OUACHITA	33 55	92 48	260	C		6P		5		MRS. RACHEL M. BUTLER	2 3
MOUNT MAGAZINE		LOGAN	ARKANSAS	35 10	93 41	2800	C	7P	7P	0	0		U.S. FOREST SERVICE	2 3 5

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

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

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record
- + And also on later dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- 6 Precipitation measured at 6-hourly intervals, no recording gage.
- M One or more days of record missing; see Table 5 for detailed daily record.
- AR This entry in time of observation column in Station Index means after rain.
- SS This entry in time of observation column in Station Index means sunset.
- K Total includes snow which accumulated in collar of the gage during previous period, and fell into gage for this measurement.
- R Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.
- T Trace, amount too small to measure.
- Z Hourly amounts from recording gage at the same site may be found in Table 4.

Data in Table 4 were formerly published in the Hydrologic Bulletin for Lower Mississippi-West Gulf. Amounts in this table are from recording gages. Traces are not shown. When hourly precipitation is missing for several days, only the first and last days are shown in Table 4.

Subscription Price: 15 cents per copy; \$1.50 a year. (Yearly subscriptions includes Annual Summary. Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, Room #9, U. S. Court House, Ft. Worth 2, Texas.

U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

AGRICULTURAL EXPERIMENT STATION
JACKSON COLLEGE FOREST

CLIMATOLOGICAL DATA

ARKANSAS

SEPTEMBER 1948

Volume LIII No. 9



ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

Walter C. Hickmon, Section Director - Little Rock

GENERAL SUMMARY

September, 1948 was the driest September since 1928, and the third driest on record. Temperatures were also below normal, but despite these deficiencies, crops, excepting late corn and pastures, were approaching a near-record harvest.

The major portion of the rain fell during the first 10 days of the month, and was the direct result of a Hurricane moving inland near New Orleans on the 3rd. This hurricane developed into an orderly LOW and moved on NNE. The weather associated with this LOW gave light to moderate rains over the State, with near-normal amounts in the extreme NE part of the State.

A weak storm center (LOW) developed over Arkansas during the last days of the month, and caused general light to moderate showers over the State and accounted for about a quarter of the month's rain.

Thirty-five reports of high wind were received, but no damage occurred. There were no floods during the month, and rivers were at normal low stages for the season.

TEMPERATURES

The September mean temperature was 72.6°, 1.7° below the 58-year average. The daily run of temperatures were moderate and ranged from the month's high of 102° at El Dorado and Magnolia on the 6th and 8th, respectively, to the low of 35° at the Batesville Livestock Station on the 28th.

PRECIPITATION

The September average of 0.88 inch was just 26.7% of the 58-year average of 3.29 inches, making this the third driest September of record. The lowest of record was 0.45 inch in 1928.

The actual distribution of the rain was poor with the extreme NE corner of the state getting above normal amounts, and Polk County normal, while other stations reported figures down to zero. Two stations reported no rain during the month, while 6 reported only a trace.

One hail reports were received during the month, but no damage was reported.

**TABLE 1
COMPARATIVE DATA**

ARKANSA
SEPTEMBER 194

YEAR	TEMPERATURE			PRECIPITATION			YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE		MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1891	73.4	102	40	0.94	0	2	1921	76.2	104	35	3.38	0	6
1892	70.8	96	32	2.14	0	3	1922	73.0	106	37	1.25	0	3
1893	74.0	103	36	3.75	0	5	1923	69.7	98	45	5.56	0	9
1894	73.1	100	38	3.56	0	6	1924	80.5	103	29	3.99	0	7
1895	77.1	105	32	1.36	0	4	1925	76.8	113	47	5.96	0	7
1896	73.3	106	35	3.25	0	10	1926	75.9	101	40	3.99	0	7
1897	76.6	108	33	0.60	0	2	1927	70.5	105	32	3.37	0	6
1898	75.2	104	40	7.35	0	8	1928	73.4	101	32	0.45	0	1
1899	71.9	109	28	1.21	0	3	1929	75.7	102	41	2.46	0	5
1900	78.0	104	48	4.25	0	7	1930	78.4	106	35	4.10	0	8
1901	68.4	101	32	3.08	0	4	1931	73.8	102	34	1.00	0	3
1902	70.7	99	30	5.06	0	8	1932	78.5	103	35	2.54	0	6
1903	75.4	102	34	2.47	0	5	1933	71.3	102	41	5.10	0	8
1904	74.2	101	37	2.46	0	5	1934	72.4	100	37	5.46	0	8
1905	75.7	100	44	3.90	0	8	1935	78.9	103	35	3.13	0	5
1906	73.9	100	47	6.24	0	10	1936	72.7	109	38	4.15	0	7
1907	73.4	106	38	2.22	0	4	1937	75.7	102	34	4.27	0	7
1908	74.7	101	29	4.00	0	7	1938	79.9	107	32	1.55	0	4
1909	76.4	108	31	2.84	0	5	1939	71.2	112	35	1.77	0	2
1910	79.0	101	44	2.41	0	5	1940	75.4	100	31	1.83	0	4
1911	78.5	102	46	3.67	0	6	1941	71.3	102	39	3.60	0	5
1912	71.7	106	32	2.40	0	4	1942	70.4	100	28	3.52	0	7
1913	74.4	108	33	10.10	0	13	1943	74.3	104	38	3.23	0	8
1914	74.9	101	38	3.19	0	5	1944	73.8	103	42	1.84	0	4
1915	72.5	100	34	1.43	0	3	1945	74.0	104	39	7.85	0	10
1916	71.8	102	30	3.40	0	6	1946	72.4	100	33	1.48	0	6
1917	67.3	99	37	1.76	0	4	1947	76.0	112	36	3.28	0	5
1918	74.6	104	29	4.63	0	7	1948	72.6	102	35	0.88	0	4
1919	74.9	108	40	2.72	0	4	PERIOD	74.3	113	28	3.29	0	6
1920	79.6	100	30	3.56	0	6							

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

STATIONS	SEA LEVEL PRESSURE EXTREMES - INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN- SHINE	DEGREE DAYS BASE
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	AVERAGE PERCENT	
FORT SMITH WB AP	30.32	26	29.63	22	6.2	24	N	28	77	87	41	45	84	10
LITTLE ROCK WB AP	30.31	17	29.63	22	7.3	25	E	19	79	84	56	65	73	10
TEXARKANA WB AP	30.27	26	29.66	22	-	26	NNE	28	74	84	41	46	-	2

CLIMATOLOGICAL DATA

ARKANSAS
SEPTEMBER 1948

Table 2

Station	Temperature								Precipitation									
	Average	Departure from Normal	Highest	Date	Lowest	Date	No. of Days		Total	Departure from Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
							Max. 90° or above	Min. 32° or below					Total	Max. Depth on Ground	Date	.01 or more	.25 or more	1.00 or more
ALUM FORK	73.5	- 0.3	95	7+	50	28	19	0	.45	- 1.89	.20	7	.0			6	0	0
ARKAOELPHIA	74.3	- 1.9	99	9+	48	27+	19	0	.53	- 2.24	.45	23	.0			3	1	0
ASHOON	73.3M		99	21	44	25	17	0	.84		.40	22	.0			3	2	0
BATESVILLE AIRWAY	72.1	- 0.8	97	8+	47	27	13	0	1.45		.55	28	.0			6	2	0
BATESVILLE LIVESTCK	71.7		98	24	35	28	17	0	.98		.46	29	.0			4	1	0
BEE BRANCH	73.1	- 1.2	101	22	47	26	16	0	.26	- 2.93	.20	29	.0			2	0	0
BENTON	72.3	- 2.3	99	23	41	26+	18	0	.69	- 0.69	.46	9	.0			5	1	0
BENTONVILLE	70.1	- 1.0	95	23	41	26+	10	0	.02	- 4.20	.02	25	.0			1	0	0
BETHESOA	69.6		96	23	42	27	10	0	1.05		.42	30	.0			3	2	0
BLYTHEVILLE	72.1	- 2.1	94	3+	46	26	11	0	4.17	1.05	1.32	6	.0			8	6	1
BOONEVILLE	70.7	- 4.8	100	21+	36	25+	17	0	1.00	- 2.32	.85	3	.0			2	1	0
BRINKLEY	72.9	- 1.9	97	8+	45	26	13	0	2.06	- 1.92	1.19	9	.0			5	2	1
CAMDEN 1	74.4M	- 1.2	99	23	46	25		0										
CAMP CHAFFEE	74.4M		100	23	45	26+		0										
CONWAY	72.2	- 2.6	95	6+	46	27	15	0	.63	- 2.72	.38	9	.0			3	1	0
CORNING	72.0	- 0.7	96	20	47	27	12	0	1.79	- 1.69	.76	29	.0			5	3	0
CROSSETT	74.3	- 1.3	98	8	49	25+	16	0	.54	- 1.85	.25	13	.0			4	1	0
CUMMINS FARM	72.0		96	22	47	25	12	0	.47		.27	28	.0			2	1	0
DARONELLE	73.1	- 2.3	96	8+	48	25+	16	0	.35	- 2.96	.19	29	.0			2	0	0
DE QUEEN	74.0	- 1.6	96	6	48	30	13	0	1.66	- 0.70	1.42	9	.0			2	1	1
DES ARC	72.4		97	9	47	24+	13	0	.87		.86	9	.0			2	1	0
DEVILS KNOB	70.8		93	6	45	25	6	0	.7		.7	6	.0			0	0	0
OMAS 1	74.0	- 2.1	99	6+	50	27+	14	0	.65	- 2.32	.42	28	.0			3	1	0
EL OORAOO	76.4	- 0.8	102	7	48	25+	21	0	.78	- 2.11	.48	14	.0			7	1	0
EUREKA SPRINGS	71.5	- 0.8	95	22	46	26	9	0	.08	- 4.43	.05	7	.0			2	0	0
FAYETTEVILLE	70.6		94	22	42	27	7	0	.29		.24	24	.0			2	0	0
FAYETTEVILLE EX S	70.0	- 2.1	94	21+	41	27	7	0	.32	- 3.59	.21	24	.0			2	0	0
FOROYCE	75.6	- 0.7	99	7	49	25+	19	0	.75	- 3.19	.63	23	.0			2	1	0
FORT SMITH WB AIRPORT	74.0	0.0	98	6	46	26	17	0	.14	- 2.85	.08	3	.0			3	0	0
GILBERT	69.7		98	23	36	26	16	0	.31	- 3.26	.24	29	.0			2	0	0
GRANNIS	71.3	- 2.7	94	6+	48	24	6	0	1.57	- 2.67	1.49	9	.0			3	1	1
GRAVETTE	70.8	- 2.4	96	22	43	10+	9	0	.88	- 3.35	.88	23	.0			1	1	0
HARRISON	68.7	- 0.0	96	22	40	25+	10	0	.16	- 3.80	.12	28	.0			2	0	0
HARRISON AIRWAY	68.2		93	22	40	25	6	0	.15		.13	28	.0			2	0	0
HELENA	73.2	- 2.1	96	23	52	26+	14	0	1.61	- 1.67	.44	28	.0			9	2	0
HOPE	75.0	- 1.0	98	9+	49	11+	19	0	.08	- 2.98	.05	25	.0			2	0	0
HOT SPRINGS	75.7	- 0.1	98	23	52	26+	21	0	.21	- 3.16	.09	10	.0			4	0	0
JONESBORO	71.8	- 2.6	94	2+	48	26	10	0	3.04	- 0.32	1.14	29	.0			8	3	1
KEO	72.7		97	22	47	25	12	0	1.64		.85	9	.0			6	2	0
LEAO HILL	69.9	- 2.0	98	20	36	25+	15	0	.35	- 3.16	.23	4	.0			2	0	0
LITTLE ROCK WB AP	73.8	- 0.3	96	8	54	11	12	0	1.20	- 1.97	.91	22	.0			6	1	0
LUTHERVILLE	72.6	- 1.4	95	21	48	10+	14	0	.13	- 3.97	.10	28	.0			3	0	0
MAGNOLIA	77.4	- 0.2	102	8+	51	26	18	0	1.38	- 0.72	.80	22	.0			4	2	0
MALVERN	76.1		100	23	55	12	18	0	.31		.25	9	.0			4	1	0
MAMMOTH SPRING	69.3	- 2.4	94	21	38	30	13	0	.19	- 3.33	.19	6	.0			1	0	0
MARIANNA	71.5	- 2.6	94	22	45	24	12	0	1.22	- 1.52	.36	28	.0			6	2	0
MARKED TREE	72.3	- 1.1	97	22	46	26	14	0	2.19	- 0.77	.90	29	.0			5	3	0
MARSHALL	69.8M	- 2.0	95	21+	39	26	10	0	.56	- 3.47	.26	28	.0			3	1	0
MENA	72.7	- 1.6	97	22	49	27	9	0	1.70	- 2.16	.82	9	.0			7	2	0
MONTICELLO	74.3		98	8	51	25+	13	0	1.15		.62	13	.0			5	1	0
MORRILTON	73.6	- 1.4	98	8+	50	25+	18	0	.91	- 1.92	.70	9	.0			2	1	0
MOUNT IDA 1	69.5M	- 3.6	99	21	39	26		0										
MOUNT MAGAZINE	69.1M		91	22	45	26	1	0	.41		.25	22	.0			3	1	0
MOUNTAIN HOME	70.6	- 1.2	96	22	43	10	12	0	.35	- 3.40	.30	28	.0			2	1	0
NASHVILLE	74.6		97	7+	48	11	17	0	1.22		1.05	3	.0			5	1	1
NEWPORT	73.0	- 1.3	97	8+	50	26	15	0	2.50	- 0.92	1.43	9	.0			7	2	1
NIMROO DAM	72.8		99	23	44	25	18	0	.70		.47	9	.0			4	1	0
NORFORK DAM	70.9		97	21	42	25	15	0	.54		.38	29	.0			2	1	0
ODEN	73.5M																	
OKAY	75.5	- 1.2	99	6+	45	27	21	0	.35	- 2.47	.35	22	.0			1	1	0
OZARK	73.9	- 1.7	98	8+	48	25	18	0	.19	- 3.21	.19	5	.0			1	0	0
PARAGOULO	70.9		95	21	43	27	11	0	2.79	- 0.30	1.24	5	.0			8	3	2
PERRYVILLE	71.4	- 1.6	96	6+	41	9	11	0	.60	- 2.90	.48	10	.0			2	1	0
PINE BLUFF	75.8	- 0.7	98	7+	51	25+	17	0	1.22	- 2.15	.90	9	.0			4	1	0
POCAHONTAS 1	73.4	- 0.1	98	21	49	10+	16	0	1.21	- 2.13	.68	28	.0			4	2	0
PORTLANO	74.4	- 1.7	96	9	49	25+	19	0	1.22	- 1.38	.43	28	.0			7	2	0
PRESCOTT	74.2	- 2.4	99	7	48	30	18	0	.08	- 2.84	.04	14	.0			4	0	0
ROGERS	69.7	- 1.5	95	22	43	10+	5	0	.7	- 4.08	.7	7	.0			0	0	0
SAINT CHARLES	72.2		97	22	47	24	12	0	1.10		.45	9	.0			5	2	0
SEARCY	74.5	0.0	100	8+	51	26	17	0	.30	- 2.63	.21	28	.0			4	0	0
SILAO SPRINGS	70.1		95	22	41	27	7	0	.72		.70	24	.0			2	1	0
STUTTIGART	72.8	- 2.4	93	8+	51	25	9	0	1.36	- 1.73	.50	9	.0			5	3	0
STUTTIGART 9ESE	72.8	- 2.0	94	7+	50	25+	11	0	1.57	- 1.06	.89	9	.0			6	2	0
SUBIACO	74.2M	- 0.9	96	22	49	25+	14	0	.47	- 2.91	.24	28	.0			3	0	0
TEXARKANA WB AIRPORT //	75.9	- 0.9	97	6	50	27	19	0	.23	- 2.44	.19	22	.0			3	0	0
TURNPIKE	68.1		89	21+	36	27	0	0	1.48	- 3.38	1.30	4	.0			3	1	1
WALORON	72.4		97	21+	40	25+	18	0	.63	- 2.53	.58	4	.0			2	1	0
WARREN	75.9	- 0.3	94	3	50	12	14	0	.41	- 2.97	.22	28	.0			3	0	0
WHITE ROCK	70.7		90	21	50	26	1	0	.12		.12	5	.0			1	0	0
WILSON	74.2M	0.7																
WYNNE	72.9	- 1.5	95	8+	47	26	12	0	1.26	- 2.01	.73	28	.0			5	2	0
STATE	72.6	- 1.7	102	7+	35	28			.88	- 2.41	1.49	9	.0					

See reference notes following Station Index.

TABLE 4 - Continued

HOURLY PRECIPITATION

ARKANSAS
SEPTEMBER 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
	-10th-																								
BEAR CREEK LAKE													-13th-												
ALY																									.05
ARKADELPHIA																									.06
ATLANTA																									.30
CAMOEN 2																									.17
HUTTIG DAM																									.24
LITTLE ROCK WB AP																									.03
MAGNOLIA																									.12
MARIANNA																									.10
MENA																									.35
MONTICELLO																									.50
MOROBAY L D 8																									.70
PRESCOTT SCS																									.05
STUTTIGART 9ESE																									.05
WING																									.05
	-14th-																								
CAMDEN 2																									.05
MONTICELLO																									.02
	-15th-																								
ATLANTA																									
	-18th-																								
BATESVILLE L D 1																									.45
	-19th-																								
ALY																									.15
BATESVILLE L D 1																									.15
DAISY																									.20
OANVILLE																									.50
LITTLE ROCK WB AP																									.12
NIMROD DAM																									.06
	-21st-																								
DENVER																									.06
	-22d-																								
ARKADELPHIA																									.43
BLUE MOUNTAIN DAM																									.20
BOTKINBURG																									.10
CAMDEN 2																									.18
CARPENTER OAM																									.03
DAISY																									.20
DANVILLE																									.37
FOREMAN																									.17
FORT SMITH WB AIRPORT																									.05
LITTLE ROCK WB AP																									.91
MAGNOLIA																									.77
PINE BLUFF 3N																									.25
REMMEL DAM																									.03
TEXARKANA WB AP //																									.21
	-23d-																								
ALY																									.09
HUNTSVILLE																									.07
LITTLE ROCK WB AP																									.03
MAUMEE																									.12
PINE BLUFF 3N																									.45
WINFREY																									.04
	-24th-																								
ALY																									.10
BOONEVILLE																									.10
FORT SMITH WB AIRPORT																									.01
MENA																									.18
WEDINGTON LAKE																									.76
WEST FORK																									.46
WINFREY																									.45
	-25th-																								
CANAAN																									
	-27th-																								
BRINKLEY //																									.19
DUMAS 2																									.22
FORREST CITY																									.12
HUTTIG OAM																									.08
MARIANNA																									.26
MONTICELLO																									.15
PINE BLUFF 3N																									.10
STUTTIGART 9ESE																									.25
WINFREY																									
	-28th-																								
ALUM FORK																									.05
APPLETON																									.20
AUGUSTA																									
BATESVILLE L O 1																									.50

See Reference Notes Following Station Index

TABLE 4 — Continued

HOURLY PRECIPITATION

ARKANSAS
SEPTEMBER 19

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
BERPVILLE																	.02			.04					
BLUF MOUNTAIN DAM																	.05	.01	.02						
BOTHWATER																	.01	.01							
BRINKLEY //			.01	.01	.01					.09	.01	.04	.01	.06	.08	.05	.01	.01							
BULL SHOALS DAM																									
CORNING															.76										
DANVILLE															.05	.02	.06	.02							
DENVER																.04	.04								
DUMAS 2	.05	.01	.04	.01	.02			.02							.03	.02				.10					
FORREST CITY							.04	.02	.10	.04	.01	.07	.10	.18											
GILBERT													.06	.05	.03	.01								.05	
HARDY											.02	.17	.20	.08											
HARRISON AIRWAY																				.13					
HEBER SPRINGS 35W													.09	.08	.05	.08	.02							.05	
HUTTIG DAM	.01		.03	.02			.05																		
LITTLE ROCK WB AP											.01	.01			.01	.03	.03	.01							
MARIANNA			.03	.02	.04						.01	.09	.16	.09											
MAUMEE													.05	.05	.07	.03	.05							.04	
MENA																									
MONTICELLO	.05			.02	.03																				
MOROBAY L D 8		.02	.01	.02			.02	.01																	
MOUNTAIN HOME													.10	.07	.08	.01									
NIMROD DAM											.01	.01	.01	.08	.04	.04	.01	.05	.02	.01					
NORFORK DAM																							.01	.03	
PARTHENON																.03	.04								
PYATT													.05	.05	.05										
SMITHVILLE											.08	.12	.12	.07	.03	.03	.05	.03							
STUTTART 9ESE				.03	.02		.03			.01			.01	.06	.04							.01	.01		
-29th-																									
ALUM FORK																									
AUGUSTA	*	*	.48														.05								
MAUMEE	.01																								
NIMROD DAM								.01			.01	.01													
NORFORK DAM	.05	.02	.03	.01																					
PARTHENON																.03									
WHEELING											.09	.08	.08	.05				.05					.05		
-30th-																									
ALICIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ATLANTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BEAR CREEK LAKE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CANAAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MOUNT IOA 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WINFREY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

See Reference Notes Following Station Index

DAILY TEMPERATURES

ARKANSAS
SEPTEMBER 1948

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	
WALDRON	MAX	90	92	93	88	88	96	95	94	83	79	88	86	86	89	92	93	92	92	94	95	97	97	94	91	91	89	91	77	77	83	
	MIN	58	53	65	60	59	58	69	62	62	53	45	48	53	56	55	55	59	60	61	62	60	62	59	56	40	40	40	43	48	48	
WARREN	MAX	91	93	94	92	87	97	93	91	86	86	87	85	80	84	86	92	91	89	92	91	92	93	90	89	86	80	81	76	69	86	
	MIN	63	64	67	66	63	71	73	70	69	60	56	50	70	64	66	66	67	68	71	67	71	69	67	62	60	59	59	58	58	52	
WHITE ROCK	MAX	82	82	85	86	82	84	88	84	73	77	81	79	78	84	85	85	85	82	85	88	90	89	81	74	72	67	71	64	63	78	
	MIN	64	62	68	65	63	66	63	68	54	54	58	63	64	63	67	66	66	66	67	68	70	62	54	52	50	51	54	51	52		
WILSON	MAX	90	88		93	85	71	90	90	88	72	76	88	84	88	89	85	88	85	88	86	88	90	87	80							
	MIN	60	63		65	60	65	62	69	68	58	57	58	57	62	63	63	63	65	68	68	67	67	63	50							
WYNNE	MAX	86	94	93	88	75	92	92	95	86	78	86	85	83	89	90	93	89	90	91	92	95	93	85	74	73	70	73	63	67	75	
	MIN	64	67	67	67	65	64	70	68	62	55	53	56	66	59	64	67	65	67	67	66	64	68	61	50	50	47	49	54	56	57	

See reference notes following Station Index.

STATION INDEX — Continued

ARKANSAS
SEPTEMBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT.		LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
				O	'			ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
PRESCOTT	5908	NEVADA	OUACHITA	33	48	93	23	318	C	7A	7A	59	59	R. P. HAMBY	2 3 5
PRESCOTT S C S	5910	NEVADA	OUACHITA	33	48	93	23	-	C	MID				W. L. MC LEAN	3 4
PYATT	5970	MARION	WHITE	36	16	92	51	800	C	MIO				ONA V. MC LEAN	3 4
RATCLIFF	6008	LOGAN	ARKANSAS	35	18	93	53	463	C	7A				LULA MAE WEEKS	3
RAVANA	6016	MILLER	REO	33	04	94	02	250	C	MID				ARNICE O. TAYLO	3 4
REO STAR	6078	MAOISON	WHITE	35	51	93	31	2250	C	7A				ORVAL F. CALLOWAY	3
REMMEL DAM	6102	HOT SPRING	OUACHITA	34	26	92	54	-	C	MID				ARK. P. & L. CO.	3 4
RISON	6174	CLEVELAND	OUACHITA	33	48	92	11	231	C	8A				J. H. YANEY	3
ROCKHOUSE	6214	MADISON	WHITE	36	17	93	40	1214	C	7A				CLAUDE D. SISCO	3
ROGERS	6248	BENTON	WHITE	36	18	94	02	1387	C	6P	6P	57	57	HOWARD FOWLER	2 3 5
RUSSELLVILLE	6352	POPE	ARKANSAS	35	18	93	08	360	C	5P	5P	35	35	U. S. FOREST SERVICE	2 3 5 6
SAINT CHARLES	6376	ARKANSAS	WHITE	34	23	91	08	200	C	8A	8A	14	14	U. S. BIOL. SURVEY	2 3 5
SAINT FRANCIS	6380	CLAY	ST. FRANCIS	36	27	90	08	300	C	7A				WILLIAM S. BUCKLEY	3 7
SAINT FRANCIS LAKE	6382	CLAY	ST. FRANCIS						C	7A				CHARLES W. WALTON	7
SEARCY	6506	WHITE	WHITE	35	15	91	44	245	C	7P	7P	37	37	ARTHUR D. SMITH	2 3 5
SHERIDAN	6566	GRANT	OUACHITA	34	27	92	21	290	C	6P	6P	7	7	ARK. FORESTRY COM.	2 3 5
SHIRLEY	6586	VAN BUREN	WHITE	35	38	92	17	600	C	6P	6P	7	7	MAUD H. BRADFORD	3
SILOAM SPRINGS	6624	BENTON	WHITE	36	11	94	33	1150	C	6P	6P	7	7	JOHN BROWN UNIVERSITY	2 3 5
SMITHVILLE	6698	LAWRENCE	WHITE	36	05	91	18	450	C	MID				NORA F. RUOY	3 4
STAR CITY	6820	LINCOLN	OUACHITA	33	57	91	50	250	C	2P				R. A. GOYEN	3
STEVE	6856	YELL	ARKANSAS	34	53	93	19	682	C	7A				T. P. SIMS	3
STORY	6890	MONTGOMERY	OUACHITA	34	42	93	31	650	C	7A				S. C. STORY	3
STUTTGART	6928	ARKANSAS	ARKANSAS	34	29	91	32	214	C	7A	7A	60	60	GEORGE L. CLARK	2 3 5
STUTTGART 9 MI. ESE.	6920	ARKANSAS	ARKANSAS	34	28	91	25	198	C	7A	7A	12	12	UNIV. OF ARKANSAS	2 3 4 5 6
SUBIACO	6928	LOGAN	ARKANSAS	35	18	93	39	500	C	7P	7P	49	49	NEW SUBIACO ABBEY	2 3 5
SUGAR GROVE	6940	LOGAN	ARKANSAS	35	04	93	48	500	C	9A				O. R. FENNEL	3
SUGAR LOAF MOUNTAIN	6944	CLEBURNE	WHITE	35	29	91	58	300	C	7A				SANTFRO REYNOLDS	3
TAYLOR	7038	COLUMBIA	RED	33	06	93	27	247	C	6P				YANCY M. NORWOOD	3
TEXARKANA WB AIRPORT	7048	MILLER	RED	33	27	94	00	368	C	MIO	MID	63	63	U. S. WEATHER BUREAU	2 3 4 5
TINSMAN	7118	CALHOUN	OUACHITA	33	38	92	21	170	C	7A				HENRY S. SPEER	3
TURNPIKE	7262	POPE	ARKANSAS	35	40	93	05	2087	C	6P	6P	23	23	U. S. FOREST SERVICE	2 3 5
VAN BUREN	7370	CRAWFORD	ARKANSAS	35	26	94	21		C					BEN CORNELUS	7
VICK	7420	BRAOLEY	OUACHITA	33	19	92	09	115	C	6P				WILLARD K. SHARP	3
VIOLA	7450	FULTON	WHITE	36	24	91	59	692	C	7A				A. F. KING	3
WALDRON	7488	SCOTT	ARKANSAS	34	54	94	06	675	C	5P	5P	28	28	WILLIAM D. BIVENS	2 3 4 5
WALNUT GROVE	7524	INDEPENDENCE	WHITE	35	51	91	21	250	C	6P	6P	7	7	A. H. FAST	3
WARREN	7582	BRADLEY	OUACHITA	33	36	92	04	206	C	6P	6P	53	53	C. N. TURNER	2 3 5
WEDINGTON LAKE	7638	WASHINGTON	ARKANSAS	36	06	94	23	1150	C	MID				HARRY E. BIRKINSHA	3 4
WEST FORK	7694	WASHINGTON	WHITE	35	55	94	11	1340	C	MID				MRS. N. C. THRELKEL	3 4
WHEELING	7744	FULTON	WHITE	36	19	91	52	680	C	MID				THOMAS W. CONE	3 4
WHITECLIFFS	7812	LITTLE RIVER	RED	33	48	94	03	290	C	7A				L. M. SNEAD	2 3 5
WHITE ROCK	7772	FRANKLIN	ARKANSAS	35	41	93	57	2285	C	5P	5P	11	11	U. S. FOREST SERVICE	3 7
WILSON	7912	MISSISSIPPI	MISSISSIPPI	35	34	90	02	237	C	7A	7A	22	22	D. O. ANDERSON	2 3 5
WINFREY	7936	CRAWFORD	ARKANSAS	35	44	94	06	1152	C	MID				CLYDE F. MEADORS	3 4
WING	7950	YELL	ARKANSAS	34	57	93	28	350	C	MIO				MILES B. TURNER	3 4
WYNNE	8052	CROSS	ST. FRANCIS	35	13	90	46	260	C	6P	6P	39	39	P. G. QUEENSBERRY	2 3 5
YELLVILLE	8084	MARION	WHITE	36	13	92	41	900	C	7A				L. E. JOHNSON	3
NATHAN 4 MI. N.W.	5158	HOWARD	OUACHITA	34	07	93	52	550	C	7A				EDNA J. WESTFALL	3
PARTHENON	5602	NEWTON	ARKANSAS	35	57	93	15	925	C	MID				ARTHUR B. CARLTON	3 4
BLUFF CITY	0800	NEVADA	OUACHITA	33	41	93	09	360	C	7A				R. P. PLYLER	3
JESSIEVILLE	3704	GARLAND	OUACHITA	33	42	93	04	730	C	7A				MRS. VELMA R. DUNN	3
SPARKMAN	6768	DALLAS	OUACHITA	33	55	92	48	260	C	6P				MRS. RACHEL M. BUTLER	3
MOUNT MAGAZINE		LOGAN	ARKANSAS	35	10	93	41	2800	C	7P	7P	0	0	U. S. FOREST SERVICE	2 3 5

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Observations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late for inclusion in this issue.

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

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record.
- + And also on later dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- 6 Precipitation measured at 6-hourly intervals, no recording gage.
- AR This entry in time of observation column in Station Index means "after rain".
- K Total includes snow which accumulated in collar of the gage during previous period, and fell into gage for this measurement.
- M One or more days of record missing; see Table 5 for detailed daily record.
- R Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.
- T Trace, an amount too small to measure.
- Z Hourly amounts from recording gage at the same site may be found in Table 4.

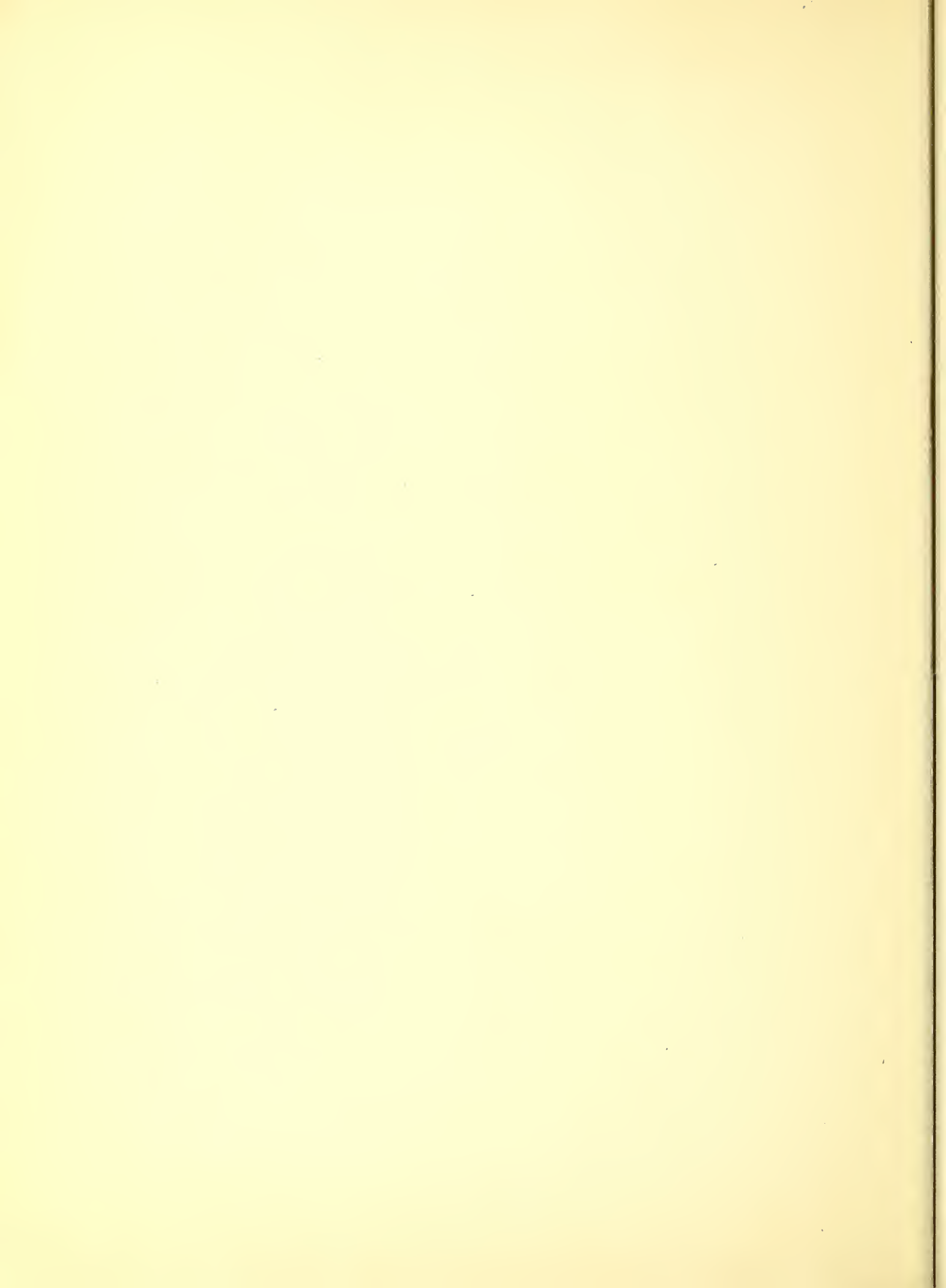
Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, river stages in feet, and wind movement in miles.

Data in Table 4 were formerly published in the Hydrologic Bulletin for Lower-Mississippi-West Gulf. Amounts in this table are from recording gages. Traces are not shown.

Subscription Price: 15 cents per copy; \$1.50 a year. (Yearly subscriptions includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, Room #9, U. S. Court House, Ft. Worth 2, Texas.







U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

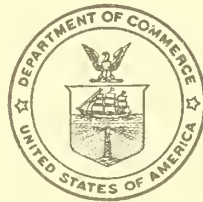
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CLIMATOLOGICAL DATA

ARKANSAS

OCTOBER 1948

Volume LIII No. 10



Walter C. Hickmon, Section Director - Little Rock

GENERAL SUMMARY

October, 1948, comparatively, was a moderately mild month. There were no record extremes in either temperature or precipitation; no damage was reported from storms or hail, although numerous thunderstorms, many accompanied by hail, occurred.

General killing frosts for the State came a little earlier than usual (18th), but practically all crops had matured, and considerable harvested. October was the successful finale for a bumper crop-year, and was favorable for the completion of the harvest.

The paths of LOWS during October were generally to the north of the State, and most of the precipitation that occurred was due to the Cold masses of air, associated with these LOWS, moving in over the State. The first cold mass moved about the 6th; the second and coldest one of the month, began to move over the State on the 16th and accounted for a few of the heavy rains of the month, and also the lowest temperatures.

A series of weak fronts passed over Arkansas after the 17th, but the weather for the balance of the month was mostly controlled by a sizeable HIGH centered over the Middle Atlantic States. Along toward the end of the month, new cold masses of air moved down from Canada and on mixing with some of the warm moist southerly winds moving over Arkansas, due to the HIGH circulation, resulted in the heaviest rains of the month. Even then, the rains were not sufficient to give the State an excess for the month.

There were no floods during the month.

TEMPERATURES

The State average for October, 1948, was 60.0°, 2.8° below the 58-year average. October, 1948 was the coldest October since 1925, and it also tied with October, 1898, for the fifth coldest October of record. The coldest October occurred in 1917, with 56.6°. There were no record extremes during the month, and the departure from normal was due mostly to lower night-time temperatures than usual, while the day-time temperatures were either normal, or slightly above.

The warmest section of the State was down around Columbia County, with Magnolia reporting an average of 65.7° for the month. This figure is 1.6° below their normal. Mammoth Spring again reported the lowest average, with 54.3°. The highest daily temperature was 90°, and reported by two stations; Magnolia on the 1st; and Okay on the 7th. Bethesda reported the lowest for the State, with 20° on the 18th.

The majority of stations over the State reported freezing temperature on the 18th, and the 18th should be considered the end of growing season, except for a few widely scattered sections.

PRECIPITATION

The average precipitation was 2.40 inches, 0.76 inch below the State's 58-year average. Although the 2.40 inches is about the median of the 58-year record, some portions of the State were near a drought stage due to lack of rain. The Alluvial section of the State was the driest with rainfall amounts running from about 15% to near 50% of normal; the driest of that section was along the Mississippi River. Beech Grove reported the least monthly fall, with 0.40 inch. Arkansas City was second lowest, with 0.42 inch. All of the Northwest quarter of the State reported amounts less than half their normal.

The heaviest rainfall fell in the mountainous sections of the Ouachita and Little River Basins and accounted for the relatively high average over the State. The greatest monthly total was 6.06 inches reported by Eagle Gap. Mena reported 5.62 inches. The greatest 24-hour rainfall was 3.43 inches at Eagle Gap on the 30-31st.

Hail was reported on 20 different days for a total of 78 reports, but no damage of consequence was reported.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin series. The Hydroclimatic Network is a nation-wide net of rain gages -- mostly of the recording type -- which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ARKANSAS
OCTOBER 1948

STATIONS	SEA LEVEL PRESSURE EXTREMES - INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN- SHINE	DEGREE DAYS 65° BASE
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	PERCENT OF POSSIBLE	
FORT SMITH WB AP	30.48	17	29.53	6	6.1	25	W	7	74	84	42	50	69	160
LITTLE ROCK WB AP	30.45	17	29.60	6	5.8	25	NE	17	78	85	49	57	73	141
TEXARKANA WB AP	30.46	18	29.60	6	-	30	N	13	70	82	41	51	-	88

TABLE 1
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION			YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE		MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1891	60.4	92	27	0.65	0.0	2	1921	61.6	96	27	0.72	0.0	3
1892	63.8	92	27	3.26	0.0	6	1922	63.1	98	20	1.47	0.0	4
1893	60.5	99	23	1.30	0.0	3	1923	59.2	94	20	3.53	0.0	7
1894	63.0	96	24	1.52	0.0	3	1924	64.9	96	21	0.29	0.0	1
1895	57.1	95	21	1.44	0.0	4	1925	58.7	98	13	7.73	0.1	10
1896	60.8	98	25	3.59	0.0	6	1926	64.9	99	23	5.77	0.0	8
1897	67.6	99	28	2.01	0.0	3	1927	66.0	100	30	3.13	0.0	5
1898	60.0	100	23	5.44	T.	8	1928	66.3	100	27	4.74	0.0	8
1899	65.6	101	28	2.88	0.0	5	1929	62.2	93	19	4.29	0.0	7
1900	66.0	97	32	4.31	0.0	6	1930	60.1	92	17	4.89	0.0	6
1901	63.7	95	27	2.07	0.0	4	1931	67.1	98	26	2.35	0.0	4
1902	62.5	90	27	2.68	0.0	4	1932	60.8	94	76	3.41	0.0	6
1903	60.9	97	26	2.22	0.0	4	1933	62.6	90	30	2.83	0.0	5
1904	62.5	100	20	0.94	0.0	2	1934	66.2	96	25	0.79	0.0	2
1905	61.1	92	23	4.49	0.0	7	1935	63.9	95	27	4.94	0.0	9
1906	58.2	94	25	2.38	0.0	6	1936	61.1	93	24	5.00	0.0	7
1907	61.9	96	23	3.03	0.0	6	1937	60.8	96	17	4.66	T.	8
1908	59.2	93	24	0.48	0.0	2	1938	66.8	105	20	0.94	0.0	3
1909	63.0	98	24	2.15	0.0	3	1939	65.1	98	20	1.71	0.0	3
1910	62.9	96	16	5.19	T.	6	1940	65.2	95	29	1.91	0.0	5
1911	62.7	101	25	1.67	T.	5	1941	68.2	96	28	8.11	0.0	13
1912	63.8	96	22	2.97	0.0	4	1942	62.8	90	22	3.19	0.0	5
1913	60.1	95	18	5.41	0.6	9	1943	61.3	90	26	3.48	0.0	5
1914	63.0	93	21	1.74	0.0	5	1944	63.9	95	25	1.13	0.0	3
1915	63.4	94	26	2.83	0.0	4	1945	60.8	89	29	3.11	0.0	6
1916	62.8	96	21	2.30	0.0	4	1946	63.7	94	25	2.79	0.0	6
1917	56.6	99	12	1.89	T.	5	1947	68.3	95	35	3.72	0.0	6
1918	65.6	100	30	3.99	0.0	8	1948	60.0	90	20	2.40	0.0	6
1919	66.6	98	33	10.90	0.0	14							
1920	64.2	93	25	4.39	0.0	7	PERIOD	62.8	105	12	3.16	T	5

TABLE 4 — Continued HOURLY PRECIPITATION

ARKANSAS
OCTOBER 194

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
GILBERT								.05	.10													.02	.13	.5		
HARRISON CAA								.01	.02		.25	.09	.01	.14								.06	.46	1.4		
HEBER SPRINGS 3SW							.15				.20	.04	.02	.01	.28	.01	.01				.08			1.1		
HUNTSVILLE									.11															.3		
LITTLE ROCK WB AP								.15	.10					.05										.6		
MARIANNA																								.1		
MAUMEE																						.01		.2		
MENA				.25	.80		.70															.50	.05	2.3		
MOUNTAIN HOME								.10	.06	.04						.01	.02							1.2		
NIMROO OAM								.60	.22	.03													.01	.51	2.4	
NORFORK OAM									.02	.03															.0	
PARTHENON								.15																	.0	
PINE BLUFF CAA									.05	.15						.01									.1	
PYATT								.08	.02																.2	
REMMEL OAM								.17	.42	.18															.1	
SMITHVILLE																									.7	
STUTTGART 9ESE												.05	.09	.01									.01	.04	.0	
WALORON								.45	.15	.02															1.2	
WEDDINGTON LAKE				*	*	*	*	*	*	*	.02	*	*	.12	*	*	*	*	*	*	*				.1	
WEST FORK	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.0	
WHEELING																									.0	
WINFREY						.24	.10	.01			.04	.14	.03		.04	.03	.02							.6		
WING								.28	.02										.05	.01	.04				.6	
-31st-																										
ALICIA																										
ALUM FORK	.28	.50	.20	.03	.02		.05																		1.0	
ALY	.07	.32	.20																						.5	
APPLETON	.01		.01		.02	.03																			.0	
AUGUSTA	*	*	*	*	*	*	*	*	*	.66															.6	
BATESVILLE L D 1	.18	.10					.08	.10	.02				.03	.02											.5	
BERRYVILLE			.14																						.1	
BOONEVILLE																										
BOTKINBURG								.02	.07	.01															.1	
BRINKLEY				.90	.15	.40	.05			.05															1.1	
CAMOEN 2					.01	.12	.22	.44	.21		.05	.10	.17	.01											1.5	
CANAAN						.12	.13																		3.2	
CARPENTER DAM			.62	.41	.23	.09	.04	.10	.01																.2	
COMBS			.02	.01	.02																				1.5	
CORNING	*	*	.72																						.0	
DAISY	.02	.45	.58	.17	.14	.10	.06																		1.7	
DENVER				.07	.01																				1.5	
DOUMAS 2								.17	.37	.03	.05		.01	.02											.0	
OURHAM		.10																							.6	
FOREMAN				.17	.73	.50	.09	.11	.10	.40															1.1	
FORREST CITY			.02	.80	.50	.12	.16																		2.1	
GILBERT				.05	.27	.43																			1.6	
HAROY	.13	.09	.02					.23																	.7	
HARRISON CAA	*	*	*	*	*	*																			.2	
HEBER SPRINGS 3SW	.12	.13	.03	.01	.01		.23	.05	.02																	
HUNTSVILLE		.05	.02																						.3	
LITTLE ROCK WB AP		.03	.20	.58	.47	.10	.01	.20	.01	.01															.1	
MARIANNA					.60	.15	.09	.01	.05																1.6	
MAUMEE				.02	.23	.20																			.9	
MENA	.75	.30	.10																						.4	
MONTICELLO							.05	.09	.05	.05	.05	.03	.02	.06											1.1	
MOUNTAIN HOME					.08			.01																		.4
NIMROO OAM	.05	.12	.10						.03																.0	
NORFORK OAM					.03	.10																			.3	
PARTHENON					.33																				.0	
PINE BLUFF CAA					.02	.02	.14	.15	.07	.10	.05														.3	
PRESCOTT SCS					.58	.60	* 1.00	.18	.16	.09	.05	.02													2.6	
PYATT				.04	.04		.45	.31	.14	.09	.12	.11													.0	
REMMEL OAM		.09	.21				.09	.12	.11																.0	
SMITHVILLE	.15	.05	.04	.01			.02		.02																1.5	
STUTTGART 9ESE				.02	.02	.11	.09	.11	.06	.03	.01														.2	
WALORON	.06	.02					.02																		.4	
WEST FORK		.08	.01																						.0	
WHEELING				.05	.05																				.0	
WINFREY											*	*	*	*	.40		*	*	*	*	*		.25		.1	
WING	.10	.12	.08																						.6	

See Reference Notes Following Station Index

DAILY TEMPERATURES

ARKANSAS
OCTOBER 1948

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			
TEXARKANA WB AIRPORT	MAX	86	86	80	79	84	86	74	78	82	70	73	78	83	82	86	86	60	61	70	73	68	78	81	71	74	73	78	78	81	81	76	77.3	
	MIN	55	36	56	49	32	60	32	46	47	58	33	47	32	61	39	38	42	34	33	43	51	33	48	48	44	43	49	47	34	64	63	31.1	
TURNPIKE	MAX	76	80	76	70	74	71	70	68	73	65	65	74	73	78	77	75	60	37	69	66	61	69	68	66	70	73	73	75	74	65	67	70.3	
	MIN	50	39	30	43	48	43	39	31	47	33	42	30	35	33	41	39	34	30	43	48	48	44	46	39	43	39	30	33	36	34	52	46.1	
WALDRON	MAX	83	84	80	79	84	81	70	73	83	75	72	79	87	84	87	78	70	63	74	74	63	75	75	72	73	76	79	78	80	72	79	77.1	
	MIN	43	53	44	39	44	61	37	43	37	36	31	33	37	49	45	58	41	25	27	33	47	38	34	32	30	33	42	36	42	62	56	42.4	
WARREN	MAX	87	83	76	76	76	84	83	82	81	79	78	78	82	84	77	86	72	69	76	72	76	69	77	69	68	76	79	78	81	81	78	77.8	
	MIN	38	32	55	48	48	46	34	37	52	48	47	42	47	49	34	37	36	32	32	35	41	38	43	51	46	41	43	51	52	67	61	48.3	
WHITE ROCK	MAX	80	80	76	74	73	68	62	70	76	67	68	73	71	79	78	72	33	38	67	63	66	72	70	66	68	71	71	70	73	71	70	70.4	
	MIN	38	62	53	47	31	56	38	43	32	37	43	50	52	36	53	33	33	33	39	49	47	48	31	43	42	49	33	42	36	36	53	49.1	
WILSON	MAX																																	-
	MIN																								69	72	69	67	70	67	74			-
WYNNE	MAX	80	80	72	70	71	77	71	74	79	69	69	77	82	82	84	82	73	38	74	73	63	73	76	61	70	72	73	77	80	68	77	74.0	
	MIN	34		50	42	43	34	32	42	46	58	31	39	44	33	54	63	41	28	34	33	33	48	39	42	42	39	47	45	51	36	61	46.9	

See reference notes following Station Index.

STATION INDEX - Continued

ARKANSAS
OCTOBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. / LONG.			ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES			
				O	'	"		O	'	"	ZONE	TEMP.	PRECIP.			TEMP.	PRECIP.	EVAP.
PRESCOTT PRESCOTT S C S PYATT RATCLIFF RAVANA	5908 5940 5970 6008 6016	NEVAOA NEVADA MARION LDGAN MILLER	DUACHITA DUACHITA WHITE ARKANSAS RED	33 48 33 48 36 16 35 18 35 04	93 23 93 23 92 51 93 53 94 02	318 - 800 463 250	C C C C C	7A MID MID 7A MID	7A MID 8A 7A MID	59 59 7 6 3	59 7 6 3 8		R. P. HAMBY W. L. MC LEAN DNA V. MC LEAN LULA MAE WEEKS ARNICE O. TAYLD	2 3 5 3 4 3 4 3 3 4				
RED STAR REMEL DAM RISDN RDCKHOUSE RDGERS	6078 6102 6174 6214 6248	MADISDN HDT SPRING CLEVELAND MADISDN BENTDN	WHITE DUACHITA DUACHITA WHITE WHITE	35 51 34 26 33 48 36 17 36 18	93 31 92 54 92 11 93 40 94 02	2250 - 231 1214 1387	C C C C C	7A MID 8A 7A 6P	7A MID 8A 7A 6P	5 8 32 2 57	5 8 52 2 57		ORVAL F. CALLDWAY ARK. P. & L. CD. J. H. YANEY CLAUDE D. SISCD HOWARD FDWLER	CLOSED 10/4/48 3 4 3 3 2 3 5				
RUSSELLVILLE SAINT CHARLES SAINT FRANCIS SAINT FRANCIS LAKE SEARCY	6352 6376 6380 6382 6506	PDPE ARKANSAS CLAY CLAY WHITE	ARKANSAS WHITE ST. FRANCIS ST. FRANCIS WHITE	35 18 34 23 36 27 35 15	93 08 91 08 90 08 91 44	360 200 300 245	C C C C	5P 8A 8A 7A 7P	5P 8A 8A 7A 7P	35 14 14 20 37	35 14 20 20 37		U. S. FOREST SERVICE U. S. BIDL. SURVEY WILLIAM S. BUCKLEY CHARLES W. WALTON ARTHUR D. SMITH	2 3 5 6 2 3 5 3 7 7 2 3 5				
SHERIDAN SHIRLEY SILDAM SPRINGS SMITHVILLE STAR CITY	6566 6586 6624 6698 6820	GRANT VAN BUREN BENTDN LAWRENCE LINCEN	DUACHITA WHITE WHITE WHITE DUACHITA	34 27 35 38 36 11 36 05 35 57	92 21 92 17 94 33 91 18 91 50	290 600 1150 450 250	C C C C C	6P 6P 6P MID 2P	6P 6P 6P MID 2P	7 7 7 2 2	7 8 7 2 5		ARK. FORESTRY CDM. MAUD H. BRADFRO JOHN BRDNW UNIVERSITY NORA F. RUDY R. A. GOYEN	2 3 5 3 2 3 5 3 4 3				
STEVE STDY STUTTGART STUTTGART 9 MI. ESE. SUBIACO	6856 6890 6918 6920 6928	YELL MONTGDMERY ARKANSAS ARKANSAS LOGAN	ARKANSAS DUACHITA ARKANSAS ARKANSAS ARKANSAS	34 53 34 42 34 29 34 28 35 18	93 19 93 31 91 32 91 25 93 39	682 650 214 198 500	C C C C C	7A 7A 7A 7A 7P	7A 7A 7A 7A 7P	4 23 60 12 49	4 23 60 12 49		T. P. SIMS S. C. STORY GERDGE L. CLARK UNIV. OF ARKANSAS NEW SUBIACD ABBEY	3 3 2 3 5 2 3 4 5 6 2 3 5				
SUGAR GROVE SUGAR LDAF MDUNTAIN TAYLOR TEXARKANA WB AIRPDRT TINSMAN	6940 6944 7038 7048 7118	LDGAN CLEBURNE CDLUMBIA MILLER CALHOUN	ARKANSAS WHITE RED RED DUACHITA	35 04 35 29 33 06 33 27 33 38	93 48 91 58 93 27 94 00 92 21	500 300 247 368 170	C C C C C	9A 7A 6P MID 7A	9A 7A 6P MID 7A	8 3 5 63 63	8 3 5 63 63		D. R. FENNEL SANTFRO REYNOLDS YANCY M. NDWRDD U. S. WEATHER BUREAU HENRY S. SPEER	3 3 3 2 3 4 5 3				
TURNPIKE VAN BUREN VICK VIDLA WALDRDN	7262 7370 7420 7450 7488	PDPE CRAWFRD BRAOLEY FULTON SCDTT	ARKANSAS ARKANSAS DUACHITA WHITE ARKANSAS	35 40 35 26 33 19 36 24 34 54	93 05 94 21 92 09 91 59 94 06	2087 - 145 692 675	C C C C C	6P 6P 6P 7A 5P	6P 6P 6P 7A 5P	23 23 6 7 28	23 23 6 7 28		U. S. FOREST SERVICE BEN CORNELUS WILLARD K. SHARP A. F. KING WILLIAM D. BIVENS	2 3 5 7 3 3 2 3 4 5				
WALNUT GRDVE WARREN WEDINGDN LAKE WEST FDRK WHEELING	7524 7582 7638 7694 7744	INDEPENDENCE BRADLEY WASHINGTON WASHINGTON FULTON	WHITE DUACHITA ARKANSAS WHITE WHITE	35 51 33 36 36 06 35 55 36 19	91 21 92 04 94 23 94 11 91 52	250 206 1150 1340 680	C C C C C	6P 6P MID MID MID	6P 6P MID MID MID	53 53 8 8 8	53 53 8 8 8		A. H. FAST C. N. TURNER HARRY E. BIRKINSHA MRS. N. C. THRELKELD THOMAS W. CDNE	3 2 3 5 3 4 3 4 3 4				
WHITECLIFFS WHITE ROCK WILSDN WINFREY WING	7812 7772 7912 7936 7950	LITTLE RIVER FRANKLIN MISSISSIPPI CRAWFORD YELL	RED ARKANSAS MISSISSIPPI ARKANSAS ARKANSAS	33 48 35 41 35 34 35 44 34 57	94 03 93 57 90 02 94 06 93 28	290 2285 237 1152 350	C C C C C	5P 7A 7A MID MID	7A 5P 7A MID MID	11 11 22 8 5	11 22 22 8 5		L. M. SNEAO U. S. FOREST SERVICE D. D. ANOERSON CLOYE F. MEADRS MILES B. TURNER	3 7 2 3 5 2 3 5 3 4 3 4				
WYNNE YELLVILLE NATHAN 4 MI. N.W. PARTHENDN BLUFF CITY	8052 8084 5158 5602 0800	CRDSS MARION HOWARD NEWTDN NEVAOA	ST. FRANCIS WHITE DUACHITA ARKANSAS DUACHITA	35 13 36 13 34 07 35 57 33 41	90 46 92 41 93 52 93 15 93 09	260 900 550 925 360	C C C C C	6P 7A 7A MID 7A	6P 7A 7A MID 7A	39 3 0 - -	39 3 0 - -		P. G. QUEENSBERRY L. E. JOHNSON EDNA J. WESTFALL ARTHUR B. CARLTON R. P. PLYLER	2 3 5 3 3 3 4 3				
JESSIEVILLE SPARKMAN MDUNT MAGAZINE BUFFALD TDWER	3704 6768 - 1010	GARLAND OALLAS LDGAN NEWTDN	DUACHITA DUACHITA ARKANSAS -	33 42 33 55 35 10 33 52	93 04 92 48 93 41 93 30	730 260 2800 -	C C C C	7A 6P 7P 7A	7A 6P 7P 7A	9 5 0 0	9 5 0 0		MRS. VELMA R. DUNN MRS. RACHEL M. BUTLER U. S. FOREST SERVICE MISS BEULAH FRIEND	3 3 2 3 5 3				

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

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

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

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

When hourly precipitation is missing for several days, only the first and last days are shown in Table 4.

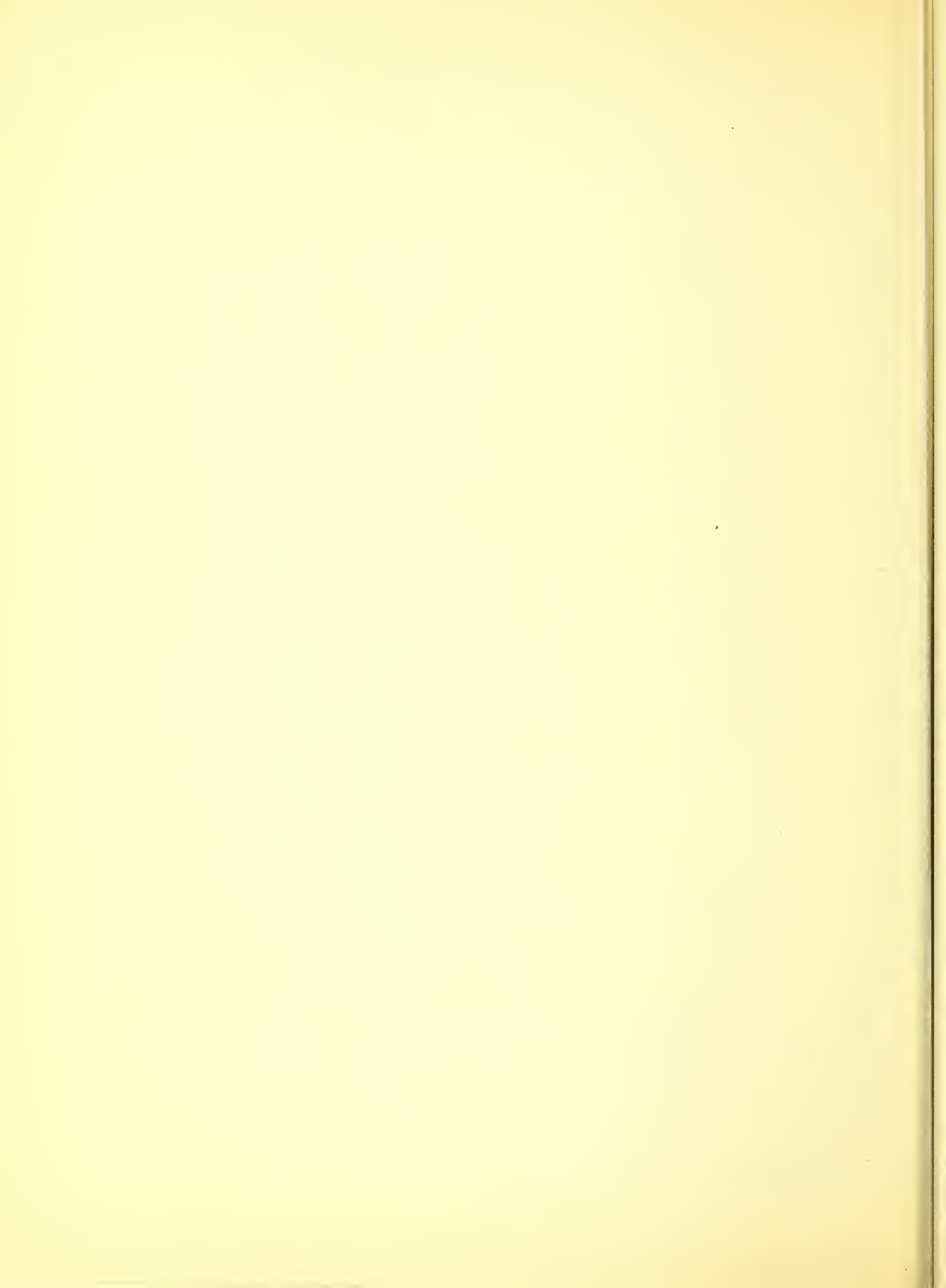
When hourly precipitation is accumulated over a period of 3 or more calendar days, with unknown hourly or daily distribution, the first and last days are shown in Table 4.

- No record.
- + And also on later dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- 6 Precipitation measured at 6-hourly intervals, no recording gage.
- AR This entry in time of observation column in Station Index means "after rain".
- B Adjusted to a full month.
- E Water-equivalent of snowfall wholly or partially estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record.
- R Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.
- T Trace, an amount too small to measure.
- Z Hourly amounts from recording gage at the same site may be found in Table 4.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, river stages in feet, and wind movement in miles.

Data in Table 4 were formerly published in the Hydrologic Bulletin for Lower Mississippi - West Gulf. Amounts in this table are from recording gages. Races are not shown.

Subscription Price: 15 cents per copy; \$1.50 a year. (Yearly subscription includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, Room 9, U. S. Court House, Fort Worth 2, Texas.







U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS

NOVEMBER 1948

Volume LIII No. 11



Walter C. Hickmon, Section Director - Little Rock

GENERAL SUMMARY

The movement of Pressure Systems was greatly accelerated during the month, with the weight of the cooling air moving southward from the northern portions of the continent. Numerous LOWS passed either over Arkansas, or adjacent states giving rapid weather changes, and the usual features of such changes.

November, 1948 was the 9th wettest November of record (58 years); tied with 1947 for the greatest number of raining days; tied with 1927 for the 3rd heaviest monthly snowfall.

Numerous thunderstorms were reported during the month, with considerable damage being reported on the 4th and 5th, and again on the 18th. Damage is estimated at \$130,000.00 for the general thunderstorms of the 4th and 5th, and \$10,000 for the thunderstorms over Columbia County on the 18th.

The storm damage of the 4th and 5th is distributed as follows: \$30,000 damage to planes and hangars at Searcy; \$60,000 hail and wind damage to homes, business houses, greenhouses, and vulnerable personal property at Arkadelphia; the remaining \$40,000 damage was scattered over the State, and consisted of broken windows, damaged roofs, and utility damage.

Harvest of the few remaining crops in the fields was delayed slightly by the numerous rains, but no serious loss was reported. Generally, the 1949 crop-year was given a great boost by the storage of sub-soil moisture from the unusually heavy rains of the month, especially over the Alluvial sections.

Due to the fact that the soil was relatively dry, and also the rains being well distributed over the month, no floods on the main rivers of the State were reported.

TEMPERATURE

The November, 1948 average temperature was just about normal with 50.9°, as compared with the 58-year average of 51.3°. There were no radical extremes during the month, and the highest daily temperature reported was 85° at Portland on the 5th; Lead Hill reported the lowest with 13° on the 23rd. Portland also reported the highest average for the month, with 56.3°. Mammoth Spring continues to report the lowest monthly average with 45.8°.

PRECIPITATION

November, 1948, average precipitation was 1.90 inches above the 58-year average, with 5.78 inches. Even with this excess for the State as a whole, about one-fourth of the State was considerably below the 58-year average. The driest counties were the two western tiers of counties extending from Benton and Carroll Counties, southward to Montgomery and Polk Counties.

The least November fall was 0.30 inch reported by Clarksville in Johnson County; the greatest was 12.72 inches at Hampton in Calhoun County. The Alluvial sections of the State received the bulk of the rain, and the southwest portion of the State was the center of this more than double the average rainfall. The greatest 24-hour fall was 4.34 at Boughton on the 2nd.

The average number of days with measureable precipitation was eleven for this November. This figure ties with the 1910 record for first place. Many stations reported they had measurable precipitation on more than half the days of the month.

The first general snowstorm of the winter occurred on the 28th and gave most of the northern half of the State some snow. Marshall reported the heaviest single fall with 7 inches on the 28th; and the greatest monthly total, with 9 inches. The relatively high temperatures at the end of the month finished off the snow rather quickly.

There were 40 reports of sleet on 9 different days; no damage reported. Hail was reported on 7 different days for a total of 27 instances. No crop damage was reported due to season, but considerable other damage was reported on the 4th-5th, as noted in the General Summary.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nation-wide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ARKANSAS
NOVEMBER 1948

STATIONS	SEA LEVEL PRESSURE EXTREMES - INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN- SHINE	DEGREE DAYS 65° BASE
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	PERCENT OF POSSIBLE	
FORT SMITH WB AP	30.32	13	29.30	4	8.7	33	W	19	76	81	58	55	54	444
LITTLE ROCK WB AP	30.37	11	29.41	4	8.3	30	SE	1	81	84	64	70	52	387
TEXARKANA WB AP	30.34	13	29.41	4	-	34	W	19	75	86	57	60	-	354

TABLE 1
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION			YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE		MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1891	49.7	87	10	5.56	-	8	1921	54.9	88	17	5.53	T.	7
1892	49.9	79	20	5.83	1.2	9	1922	52.9	88	20	3.89	0.0	6
1893	49.3	84	10	4.21	0.0	5	1923	50.8	81	21	3.34	0.3	6
1894	50.4	81	12	1.12	T.	2	1924	53.4	88	15	2.36	T.	4
1895	49.9	82	16	4.82	0.1	6	1925	50.4	89	15	5.67	T.	8
1896	52.8	88	8	4.34	0.1	7	1926	47.2	81	10	3.33	0.7	6
1897	51.6	88	15	2.82	T.	6	1927	56.7	96	20	3.67	0.1	6
1898	47.5	87	9	3.20	T.	4	1928	50.2	82	13	4.25	T.	8
1899	54.3	87	17	2.61	T.	6	1929	46.1	85	7	2.61	2.1	8
1900	51.4	90	18	4.28	T.	6	1930	50.5	87	16	4.15	T.	7
1901	50.5	88	15	2.99	0.0	5	1931	57.6	88	18	6.34	T.	5
1902	56.5	90	18	6.66	T.	9	1932	46.7	82	9	1.98	0.1	5
1903	47.6	89	2	0.64	0.1	3	1933	53.0	85	20	1.86	T.	5
1904	51.4	89	17	1.38	T.	3	1934	54.0	88	20	6.89	0.1	5
1905	53.2	88	9	3.28	T.	5	1935	49.8	89	16	3.81	T.	9
1906	50.2	88	13	5.90	0.1	6	1936	48.5	87	12	3.00	0.2	5
1907	49.0	84	10	5.71	T.	6	1937	48.3	90	6	4.99	0.5	8
1908	53.8	88	5	5.40	T.	8	1938	50.7	89	8	5.26	0.1	5
1909	59.3	90	16	3.75	0.0	7	1939	48.8	87	14	3.39	T.	7
1910	51.5	85	17	0.47	0.0	3	1940	49.3	82	3	5.93	T.	9
1911	46.8	86	5	3.18	0.2	7	1941	49.9	87	18	2.31	T.	6
1912	50.5	89	13	1.66	T.	2	1942	54.5	88	18	3.83	T.	8
1913	57.6	85	20	2.47	0.0	5	1943	49.7	88	15	1.10	T.	3
1914	52.6	88	11	2.32	T.	4	1944	52.7	87	17	4.70	0.1	7
1915	54.8	88	17	5.40	0.1	6	1945	53.5	88	14	3.97	T.	8
1916	52.1	87	10	2.95	T.	5	1946	53.6	85	17	9.09	0.0	10
1917	50.7	85	11	1.96	T.	4	1947	47.7	82	17	5.06	T.	11
1918	49.7	88	18	3.91	0.1	6	1948	50.9	85	13	5.78	0.7	11
1919	51.4	86	14	6.27	T.	7							
1920	47.8	89	10	1.95	T.	5	PERIOD	51.3	96	2	3.88	7.1	6

DAILY PRECIPITATION

ARKA545
NOVEMBER 1948

Table 3

Station	Day of Month																															Total		
	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 R	.52	.40		.24				.15	.12		.35																	.38	.16			1.80		
ALICIA R	1.83	.28		.60				*.19	.49		.45					1.33	T			.90	.40					.05	T		.45		6.09			
ALPINE Z	1.30	.90		.43				.65	.49		.50				1.10											.08	T	.90		.09		6.97		
ALUM FORK Z	1.25		.25					.65		.05	.39	.03	.22		.45												T					3.85		
ALY R	.36	1.02		1.03				.45		.20	.69		.17		1.84				.43			.25							.30			6.19		
ANTOINE R		1.00				.36		.20	.69			.42	.11		.28					.24								.36	.52			4.72		
APPLETON R	2.41		.35					.65			.40				.13					.30						.03	.55	.12	.24			5.18		
ARKADELPHIA Z	.18	1.40	T		1.70			.22	.32		.28	.14		T	1.70	.06	.01	.97		T	.53		.02				.02	.27	.49	.12		8.12		
ARKANSAS CITY Z	.03	.70		1.12	1.15	.02		.25		.45	.21	.28	T	1.13	.58	.28	2.53			.08	.56	.02				1.03	.20	.53		.14		9.54		
ASHDOWN T							.20			.15	.83	.45	T	.22		1.35			.06	.50							.02	.27				3.50		
ATHENS Z	.03	.72	.03		2.68	.04		.05	.60		.29	.06			.36	.08		1.17			.93					.10		.34	.40	.20		7.38		
BATESVILLE AIRWAY Z	.99	.19		.63	.17			.70			.29			.05	.19		1.69			.15						.10		.03	.16	.58		6.13		
BATESVILLE LVSTK Z	.14	1.10			.40			.03	.65		.33	.02			.23	.05		.72			.10					.07	.03	.03	.67			3.35		
BATESVILLE L D 1 Z					.80			.06	.60		.32	.03			.08	.10		1.70			.14					.29	.05	.30	.42			6.03		
BEAR CREEK LAKE R															.53			.62		.52	1.03							.55	.08			5.25		
BEATY LAKE Z		.80	T		.37				.11						.33					T	.08							.36	.28			2.02		
BEAVER T	.03	.83	.02	T	T	.02			.35	.03				.02																.55			6.06	
BEE BRANCH R		1.20			.56			.82			.34				.73						1.53					.17		.64				6.06		
BEEBE R																												.30	.48					
BEECH GROVE R	.02	.45	.35		1.92	.02			.64		.30	.04	T		.10						1.75	1.50	.50			.50	.36		.56			9.01		
BEEHURST R	2.78				2.19			.19		.27	.10				.42						.93							1.00	T			8.88		
BENTON R	.14	1.08	T		2.43			.39	.63		.33	.21		1.40	.18						.45		.49				.06	.42	.83			8.84		
BENTONVILLE R	.79	.68	.02	.08	.04			.39			.37				.04																		3.03	
BERRYVILLE R	.87	.13		.12				.37			.07				.03	.22	.05											.63					2.49	
BETHESDA R		1.64			.36			T	.68		.30				.18						.86								.33	.59			4.93	
BIG FLAT R	.88	2.02	.23		.35			.29	.57		.20				.42	T					.42					.10		.07					5.91	
BIG FORK R	.09	.65	.44		1.50			.80			.01	.55			.16	.06		.07			1.07					1.10		.02	.26	.14			5.34	
BIG LAKE OUTLET Z	.28	1.17	.09		1.09			.57			.37			.27			.31				1.51					.15	T	.12	.35			6.36		
BLACK ROCK Z																																	2.77	
BLUE MOUNTAIN DAM R	.44			.20				.65		.10	.40				.15	.20			.02	2.60				.13				.27	.35				6.81	
BLUFF CITY Z	3.33	1.98		.75				.48			.15	.20			.15	.20				2.60		T			.13				.12	T			9.36	
BLYTHEVILLE Z	1.54	.70	T		.97	.02					.66	1.05	.05		.50	T				1.60							.02	.01	.18	.22			7.68	
BOONEVILLE Z		.73	T		.69						.39				.11													.01	.26	.23			2.92	
BOONVILLE 2 S R	1.00			.80				.65	.10	.10	.24	.11			.01							T						.01	.26	.23			3.97	
BOWLING GREEN R	.21	4.34						.11	.21		.23				1.37						.73						.01	.08	.05				7.80	
BRADFORD Z	.02	.62	.05		3.79			.07	.63		.25	.06			.41						.66						.39		.25	.29			8.24	
BRINKLEY R	1.18	1.47		.58				.45	T	.47	.02				.64				.90	.75								.60	.04					
BUFFALO TOWER R		2.06	.09	.45				.07	.07		.10	.11			.43					T	T							.02	T	.48			3.88	
BULL SHOALS DAM R		.15			.61		.95	.60			.45				.05						.05				.04				.39	.10			3.42	
BURDETTE R		1.21			.85			.12			.77				.72				.56	.05		.80							.61				4.17	
CABOT R	.29		.05		3.45			.54	.10	.71	.43	T			.72					.56	.05		.80				.05	.02	.10	.05			8.31	
CALICO ROCK R																																	4.60	
CAMDEN 1 R	1.12	1.33		.45				.41		.53	.26				.18				1.86	1.30							.44		.03				8.37	
CAMDEN 2 R	1.22		.44					.41	.13	.10	.02	.25	.18	.05	.25						.01	T						.45	.40	.02				
CAMP CHAFFEE R		.21		.68				.13	.10		.18	.05			.25						.22								.55	.05			1.02	
CANAAN R	1.11	.02			.75			.75			.20				.20										.04	.14		.55	.05				4.01	
CARLSLE R	1.50	.59			1.85					.50					.28			.71			1.10		.78					.15	.27	.15			7.83	
CARPENTER DAM R	.45		.04	.81	.04			.38		.36					.28			.15	.93		.70	.11						.01	.15	.27	.15		4.26	
CLARENDON R	.06	1.49		.38							.37	.18			.70						1.60		.83					.01	.39	.30			6.67	
CLARKSVILLE R		.86	.10		.48	T		.20	.51	.21	.10				.65					.20		.70					.30	.60	.31				0.30	
CLINTON T	.86	.10		.48	T			.20	.51	.21	.10				.65					.20		.70					.30	.60	.31				5.23	
COLD SPRINGS R	1.80	.11		.25				.15		.10		.30	T		.31				.04								.15	T	.45		.23		3.08	
COMBS R	1.35	.34		.20				.20							.04														.37				3.21	
COMPTON Z	1.35	.41		.37				.81		.72		.25	.07	.02	.62			1.55	.02		.13							.41	.54	.03			6.89	
CORBING Z		.88	.43		1.47	.04		.88		.72		.24			.13			.22			1.58							.12	.27				6.60	
COTTER T		1.29	.27		.58			.16	.63		.19	.34			.16						.11							.17	.06	.85			4.81	
COVE R	.12				.19			.48		.47																								
CROSSETT R	.30		1.47	T	.09			.19	T		.32	.02	.04	T	2.25			.70	.56		.55							.30	.30				8.67	
CRYSTAL VALLEY R	2.04	.66		3.31				*.43			*.06	T			1.43						.70	.56						.30	.62				9.59	
CUMMINS FARM R	.28	1.00		.20				.40			.45				2.10			1.67											.49				8.80	
DAISY R	.71			.50				.77		.13	.45				2.10			1.67											.49				4.40	
DANVILLE Z		.49		.24				.09	.61	.30	.60	.32	.17		.99		.25				.25						.40	.30					2.99	
DARDANELLE R		1.08		T	.36			.20	.60	.32	.17				.16							.26						.04	.01	.23			3.18	
DE QUEEN R	.29			.23				.48		.73	.17				1.42													.11					3.26	
DENVER R	1.66	.07	.10	.02				.20		.20					.06																			

DAILY PRECIPITATION

ARKANSAS
NOVEMBER 19

Table 3—Continued

Station	Day of Month																															Total	
	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	Z	.47			T			.39		T	.51			.64	1.59		1.15				2.34					.41	.99	.23				8.8	
MOROBAY L D 8	Z	.89	.45		.03			.38			.43			.06	1.75		.90	.30		.95	.27					.38	.23	.64				7.7	
MORRISON			1.39		.35			.11	.68		.15				.42		1.45				.30	.05				T	T	.30	.31			5.4	
MOUNT IDA 1	R	.24	T					1.20			.60			.06	.75		.98			T						.03	.42	.22				2.1	
MOUNT MAGAZINE		.67	.08	T	.25			.60			.64				.05					T						.03	.42	.22				2.1	
MOUNTAIN HOME	Z	.30	1.70		.40		*	.60			.74				.20		.20			1.21	T	T				.10	.14	.75				4.1	
MOUNTAIN VIEW		.03	.64	.02	.41	.02		.74			.27				.27		.41			T	T	T				T	.36	.30	T	.14		2.2	
MOUNTAINBURG		.48	.67		.02	.02		.27			.30	T			.32					T	T	T				T	.30	T	.14			2.2	
MULBERRY		1.27			.23			T	.16	.29	.49	.22			1.34	T				.47						T	.04	.30	T	.14		4.1	
NASHVILLE		.25	.09		.61			.16	.29		.49	.22			1.34	T				.47						T	.04	.30	T	.14		4.1	
NATHAN		.20	T		.45			.40			.52	.20			1.01					.31						T	.35	T				3.1	
NEWHOPE		.15			.25			.50			.32	.05			2.00					.25						T	.35	T				3.1	
NEWPORT		.05	.75		3.60	.05		.02	.65		.22	.30			.15	.10				.22						T	.05	.25	.33			7.1	
NIMROD DAM	Z		1.25		.25			.22	.30		.32	.15			.28					.22						.10	.10	.50	.30			3.4	
NORFORK DAM	Z		2.20		.13	.55	.65	.41	.15		.15	.15			.16					.39						.54	.50	.30	.75			5.1	
OCELL			2.33	.06	.05			.26			.04	.05			.11					T						.63	.02	.40				3.7	
ODEN		.05	T			1.12		.26			.36		.56		.03											.06	.24					4.2	
OKAY		.05	T			1.12		.26			.36		.56		.03											.06	.24					4.2	
OSCEOLA		.30	1.05					.70			.20				1.56											.25	.24					4.2	
OWENSVILLE		.30	1.05			1.19	T		.44		.28	.12			.98	.01	.02	.88		.03	.24					.01	.38	.09				1.6	
OZARK		.05	.82			.32		.06	.25	.37	T				.27					.16	.09	.70				.16	.02	.38	.48	.09		7.4	
PARAGOULD		.05	.82			.32		.06	.25	.37	T				.27					.16	.09	.70				.16	.02	.38	.48	.09		7.4	
PARKIN		.62			.25			.46	.04	.23	.02				.16					.35	.07	T	1.28			.55		.35	.25			4.1	
PARTHENON	R	1.35		.35		.27		.17			.17			.05	.05					.05					.05	.31	.57	.03				2.1	
PERRYVILLE		.50	1.50	.48		.74		.20			.20				.40		*	1.20		T						.31	.57	.03				2.1	
PINE BLUFF		.32	1.31		T	.50	.04	.36	.16		.36	.16		.61	1.20		.37	.02	1.67		.02	1.17			T	.29	.20	.09				5.1	
PINE BLUFF CAA		1.16	T		.56			.36	.37		.34	.31			2.16				2.16		1.21	T				.29	.20	.09				4.1	
PINE RIDGE		.13	.96	T		1.06		.69			.32	.17	1.22	1.63						.32	.17	1.22	1.63			.58	.24	.18				3.3	
POCAHONTAS 1		.70			.81			.19	.19	.23		.23			1.38	.53	*	2.02		.17	T					.63	.51	.86	.08			8.4	
PORTLAND	R	.80	1.20		1.18			.12	.25	.25	.20	T			1.62				.71		T					.68	.65	.40	.12			7.6	
PRESCOTT		1.20			1.18			.30		.05	.35				.70	.90			.65								.63	.51	.86	.08			8.4
PRESCOTT SCS	R	1.20			1.18			.30		.05	.35				.70	.90			.65								.63	.51	.86	.08			8.4
PYATT	R	1.56	.18		.25			.42		.58				.07	.12											.14	.01	.40	.10	.26			6.4
RATCLIFF		1.20	.74		.30			.25	T	.55					.12				T							.14	.01	.40	.10	.26			2.1
RAYANA	R	1.20	.74		.30			.25	T	.55					.12				T							.14	.01	.40	.10	.26			2.1
REMMEL DAM	R	1.16		.03	.05	.18		.40		.04	.36			1.32	.75		.10		.85		.90					.32	.32	.19				5.2	
ROCKHOUSE		1.16		.03	.05	.18		.40		.04	.36			1.32	.75		.10		.85		.90					.32	.32	.19				5.2	
ROGERS			1.09	.04	.11	.05	T	.43			.16				.71			T								.45	.19					6.3	
ROSEBUO			1.09	.04	.11	.05	T	.43			.16				.71			T								.45	.19					6.3	
RUSSELLVILLE		.95	.03		.32			.75			.46	T			.08			.22								.55	.60	.30				2.1	
SAINTE CHARLES	T	.57	T		.28			.16	T	.30	.15				1.77	T	T	1.77		T	1.02					.25	.60	.83				3.4	
SAINT FRANCIS		.07	.92	.30		3.05		.12	.52		.18	.05			.26	.18			1.90		.04					.10	.08	.25	.32			8.2	
SEARCY		.03	.49		3.70	.02		.12	.60		.32	T			.45	.08			.76		.74					.59	.04	.34	.28			8.2	
SHERIDAN	T	.85	1.03		2.25			.19	*	.38					1.80				1.02		*	.74					1.03					9.2	
SHIRLEY		.22	1.05		.47			.75			.35				.63				1.04	.29	T					.13	T	.57	T			5.1	
SILGAM SPRINGS		3.11	1.18	.02		.53		.11	T	.04					.04				T			.13					.55	.55	.07			4.1	
SMITHVILLE	R	.99	.27		.78	.18	1.35	.75	*	.40		.35		.04	.36		2.62		1.79	.90		1.00	.05		.08	.05	.05	.07	.73			6.4	
SPARKMAN		2.22					.07	.60			.40				.36				.90		1.00						.05	.07	.73			9.1	
STAR CITY		1.54						.81	.44		.47	T			*	2.21	*	1.95															4.4
STEVE		.76			.52			.81	.44		.47	T			*	2.21	*	1.95															4.4
STORY		1.03			.50			.50			.50				.54				.64									.31					5.2
STUTTGART		1.34		.06	.80			.64			.52	.19			1.12	.11	*	1.93			1.57				1.14		.50	.15				8.1	
STUTTGART 9 ESE	Z	1.18	1.26	.04		.27		.64			.52	.19			1.12	.11	*	1.93			1.57				1.14		.50	.15				8.1	
SUBIACO		.50	T		.78			.36		T	.42	.17			1.11	.05			1.45			1.25					.36	.09				7.1	
SUGAR GROVE		.50	T		.78			.36		T	.42	.17			1.11	.05			1.45			1.25					.36	.09				7.1	
SUGAR LOAF MTN		.05	.86	.01		.41	.01	.10	.61		.25	.07		.02	.49	.22			.81	.96						.19	.16	.06	.31	.32		5.1	
TAYLOR		.05	.86	.01		.41	.01	.10	.61		.25	.07		.02	.49	.22			.81	.96						.19	.16	.06	.31	.32		5.1	
TEXARKANA WB AP	// Z	.19			.32			.15		.07	.50			.97	1.08		.21					.25				T	.25	.08				7.7	
TURNPIKE		1.04	1.08		.80			.55			.31	.05			.77		.10											.08					4.4
VIOLA		1.04	1.08		.80			.55			.31	.05			.77		.10											.08					4.4
WALDRON	Z	1.15	T		.90			.60	.15		1.00	1.50			.38				1.25								.84	.10				6.1	
WALNUT GROVE		.56	.73		.95			.65			.31				.28				T	1.45		.45	.04				.29	.30	.10			6.1	
WARREN		.56	.73		.95			.65			.31				.28				T	1.45		.45	.04				.29	.30	.10			6.1	
WEDDINGTON LAKE	R	1.91	.07		.02			.64		.02	.28				.10				1.81		.20	1.84	.20			.54	.21	.45	T			10.4	

TABLE 4 HOURLY PRECIPITATION

ARKANSAS
NOVEMBER 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-1st-																									
ALICIA											.02	.03	.01			.16				.10	.13	.10	.52		
ALY										.05	.15	.05	.32			.25	.10	.80		.01			1.25		
APPLETON						.04	*	*								1.58							2.41		
ARMOELPHIA																							1.58		
ATLANTA																									
AUGUSTA																									
BATESVILLE L O 1											.30	.06	.02	.01	.06	.07						.10	1.00		
BEAR CREEK LAKE																									
BEEBE																									
BERRYVILLE												.05	.08	.15	.30	.06						.09	.87		
BLUE MOUNTAIN DAM		.09	.01						.20					.02	.01	.09	.01						.44		
BOONEVILLE																									
BOTKINBURG											.10	.19	.01	.10	.03	.02	.10	.14	.01	.15			1.00		
BRINKLEY													.01	.03	.02	.15	.30	.06					1.55		
CAMDEN 2								.03	.24	.19	.03	.01	.07	.15	.06	.14	.10	.50					1.22		
CANAAN											.04	.10	.03	.02	.01	.02	.06	.14	.10	.07			1.11		
CARPENTER DAM									.08	.23	.10	.03	.01	.04	.22	.66	.12	.01	.03				.45		
COMBS											.18	.07	.22	.05	.09	.11	.75	.02					1.80		
COMPTON																							1.35		
CORNING							.04	.04		.01	.10	.02	.12	.01	.47								.71		
DAISY															.30								.50		
DANVILLE									.02		.10	.04	.02	.08	.30	.03	.15	.13	.25	.06			1.66		
DENVER										.20	.05	.05	.05	.08	.30	.03	.15	.13	.25	.06		.10	1.30		
OUMAS 2												.01	.04	.04	.25	.13	.10	.02				.01	1.04		
OURHAM												.01	.04	.04	.05	.07	.14	.02					.05		
FOREMAN											.45	.05	.01	.53	.05	.05	.07	.14	.02				1.11		
FORREST CITY												.08	.08	.04									.16		
FORT SMITH WB AIRPORT											.45	.05	.01	.53	.05	.05	.07	.14	.02				1.11		
GILBERT																						.04	.01		
HARDY																							1.48		
HARRISBURG																									
HARRISON CAA 6												.22	.22					1.18					1.13		
HEBER SPRINGS 3SW										.01	.01	.19	.01	.19	.01	.07	.21	.05	.08			.32	.84		
HUNTSVILLE												.25	.10	.07	.21	.05	.08	.01				.08	.59		
HUTTIG DAM										.17	.28	.10						.07		.01	.01		1.25		
KINGSLANO																									
LAKE LEATHERWOOD																									
LITTLE ROCK WB AP									.02	.13	.25					.18	.08	.35					1.04		
MAGNOLIA									.25	.46	.04	.25			.70	.01	.14	.20	.35				1.80		
MARIANNA		*	.02																				.02		
MAUMEE												.64	.11	.02	.13	.07	.23	.04	.11				1.40		
MENA								.07	.03	.10	.20	.20	.03										1.00		
MONTICELLO									.04	.20	.08	.03											1.40		
MONTROSE																									
MOROBAY L O 8								.05	.03	.40	.11	.04				.01	.01	.25	.08				1.55		
MOUNT IDA 1																									
MOUNTAIN HOME												.05			.04	.11		.02	.10				1.25		
MURFREESBORO																									
NASHVILLE SCS																									
NIMROD DAM									.06	.02	.02			.19	.01	.01	.74	.20					1.24		
NORFORK DAM															.40	.20				.09	.15	.50	.88		
PARTHENON										.05	.45	.12	.11	.09	.03	.01	.22		.40			.08	.55		
PINE BLUFF CAA			.02	.01	.01	.01			.20	.80	.10	.15	.12	.11			*	*	*	*	*		.75		
PRESCOTT SCS												.60	.03	.10	.09	.03	.05	.07	.48				.11		
PYATT									.05	.55	.55	.04	.01		.47	.03	.01						.56		
RAVANA							.05	.55	.13	.22	.18	.03	.04	.05	.47	.03	.01						1.20		
REMSEL DAM								.13	.22	.18	.03	.04	.05	.47	.03	.01							1.16		
SMITHVILLE												.50	.03	.01	.06	.04	.01						.99		
STUTTGART 9ESE												.15	.22	.03	.05	.05							1.23		
TEXARKANA WB AP							.15				.02	.04	.54	.53	.05	.04	.15	.05				.14	.14		
WALDRON												.10	.28	.87	.05	.03	.16						1.91		
WEDDINGTON LAKE												.02	.16	.19	.04							.02	.92		
WEST FORK											.05	.05	.03	.15	.10	.04	.01	.05	.10				.75		
WHEELING																							.30		
WING																									
-2d-																									
ALICIA					.04	.01								.01	.04								1.00		
ALUM FORK								.05	.67	.08	.15	*	.03		.10	.05	.02	.28					.05		
AUGUSTA	*	*	*	*	*	*	.72	*	*	*	*	*	.03												
BATESVILLE L O 1	.05																								
BERRYVILLE				.01	.03	.02	.07																		
BOTKINBURG		.10																							
BULL SHOALS DAM																									
CANAAN		.01	.01								.01	.03	.01	.02									.11		
COMBS					.02	.02		.04															.54		
COMPTON	.20	.10		*	.88									*	*	*	*	.43					.51		
CORNING	*	*	*	*	.88									*	*	*	*	.43					.07		
DENVER	.02					.01	.02	.02			.02							.02					.11		
DURHAM		.01	.01	.04	.01	.01	.02	.02				.04						.02					.04		
FORREST CITY																							.06		
HARDY	.02	.04					.13	*	*	*	*	.01													
HARRISON CAA 6	*	*	*	*	*	*	.13	*	*	*	*	.01											.23		
HUNTSVILLE	.03	.01	.01	.01	.09	.01							.03				.02	.02	.05				.45		
MARIANNA	*	*	.45																				.05		
MAUMEE				.01	.04																		.02		
MONTICELLO								.02																	
MOUNTAIN HOME	.01	.01		.25	.01	.09	.10	.03				.04		.07	.01			.05					.71		
NORFORK DAM				.24	.13	.24	.02																.18		
PYATT	.02	.02	.02	.01	.05	.06	.03						.15	.05									.27		
SMITHVILLE	.04	.02												.02									.02		
STUTTGART 9ESE									.02	.02													.01		
WEDDINGTON LAKE	.02			.01					.01														.09		
WEST FORK		.03		.05					.01														.35		
WHEELING				.05	.29	.03																			
-3d-																									
ALICIA																									
RAVANA																							.15		

TABLE 4 — Continued HOURLY PRECIPITATION

ARKANS
NOVEMBER 19

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL								
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12									
	-4th-																																
ALUM FORD																							.03	.02	.35	.10							
ARKATFELPH A																				.05	.22	.05	.03										
AUGUSTA																						.41	.01	.10	.09								
BATESVILLE																					.15	.05	.20	.20									
CAMPEN 2																					.58	.02	.06	.02	.01								
CARPENTER DAM																					.59	.06	.43	.10									
CORNING																		.11		.14													
DENVER																						.40	.05	.05	*								
FORREST CITY																					.20	.03	.01		.01								
HARDY																						.08	.01	.01									
HUTTIG DAM						.04																.02	.18	.45	.05								
LITTLE ROCK W. B. P.																						.15	.44	.05									
MARIANNA																						.26											
MAUMEE																						.05	1.44	.38	.08				.15				
MAUMEE																						.35	.40	.08									
MOUNTAIN HOME																							.10	.30	.03								
NIMROD DAM																							.25	.03	.01								
NORFORK DAM																						.06	.01	.28	.05				.45				
PARTHENON																						.10	.48	.25									
PRESCOTT																								.25									
FYATT	.05																																
RAVANA																																	
REMMEL DAM																							.52	.16	.10				.85				
SMITHVILLE																							.35	.03	.30				.10				
WALDRON																							.25	.04	.01								
WEST FORK																						.28		.29	.01								
WING																																	
	-5th-																																
ALUM FORD				.02	.03																												
ARKATFELPH A	*	*	*					1.75																									
AUGUSTA	*	*	*								2.68																						
BATESVILLE	.01	.10																															
CAMPEN 2		.30	.15	.05																													
CARPENTER DAM		.06	.10	.02	.01	.22	.03																										
CORNING	.04																																
DENVER	*	*	*			1.47																											
FORREST CITY				.23	.01	.03	.01	.02																									
HARDY	*	*	*					.25																									
HUTTIG DAM						.04	.05																										
LITTLE ROCK W. B. P.	.22	.01		.01	.02	.04	.20	.08	.01																								
MAGNOLIA		.10	.06	.02	.04	.20	.10																										
MARIANNA	.05		.43	.02	.09		.01																										
MAUMEE				.02	.09		.01																										
PINE BLUFF		.01	.03	.35	.02				.01		.01																						
REMMEL DAM	.07																																
SMITHVILLE	.10	.05	.02	.01																													
STUTTGART	*	*	*	.27																													
WEDINGTON LAKE							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		*	*	.02					
WHEELING																							.04	.28		*	*						
	-6th-																																
BULL SHOALS DAM											.05	.22	.03		.05	.18	.12	.05	.10	.10	.04	.01											
CORNING	*	*	*	*	*	*	.04																										
NORFORK DAM						.07			.10	.11	.12	.13	.10	.03																			
	-7th-																																
BULL SHOALS DAM			.05	.01	.04	.05	.05												.01	.01	.01	.25											
	-8th-																																
WEDINGTON LAKE																												.02					
	-9th-																																
ALUM FORD																							.07	.08	.06	.02	.08	.02					
ARKATFELPH A	*	*	*	.05				.10	.17	.08	.05	.05									*	*	*	*	.65								
AUGUSTA	*	*	*																														
BATESVILLE				.10			.0	.10	.13	.07	.15	.05									*	*	*	*		*	*	*				.65	
CAMPEN 2							.50	.05	.03	.14	.05	.05									*	*	*	*		*	*	*					
CARPENTER DAM																					*	*	*	*		*	*	*					
CORNING																					*	*	*	*		*	*	*					
DENVER																					*	*	*	*		*	*	*					
FORREST CITY																					*	*	*	*		*	*	*					
HARDY																					*	*	*	*		*	*	*					
HUTTIG DAM																					*	*	*	*		*	*	*					
LITTLE ROCK W. B. P.																					*	*	*	*		*	*	*					
MAGNOLIA																					*	*	*	*		*	*	*					
MARIANNA																					*	*	*	*		*	*	*					
MAUMEE																					*	*	*	*		*	*	*					
PINE BLUFF																					*	*	*	*		*	*	*					
REMMEL DAM																					*	*	*	*		*	*	*					
SMITHVILLE																					*	*	*	*		*	*	*					
STUTTGART																					*	*	*	*		*	*	*					
WEDINGTON LAKE																					*	*	*	*		*	*	*					
WHEELING																					*	*	*	*		*	*	*					

See Reference Notes Following Station Index

TABLE 4—Continued HOURLY PRECIPITATION

ARKANSAS
NOVEMBER 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
FORREST CITY													.14		.08		.12	.06	.04						.44	
FORT SMITH WB AIRPORT							.11	.03	.07																.28	
GILBERT			.01	.02		.04	.05	.10	.08			.07	.10		.05	.03	.05	.07							.60	
HARDY							.05	*	.03			.10	.15	.15		.05	.10	.10							.73	
HARRISON CAA 6	*	*	*	*	*	*						*	*	*	*	*	*	*	*	*	*	*	*	*		
HUNTSVILLE				.03	.07	.05	.05		.03	.03					.05	.12	.03					.05			.26	
HUTTIG DAM																									.25	
LITTLE ROCK WB AP								.05	.04	.10	.18	.09	.06	.02	.01										.55	
MAGNOLIA									.15	.10			.08												.35	
MARIANNA																									.32	
MAUMEE						.05	.08		.03	.12	.10	.05	.10	.09		.10				.05	.02				.62	
MENA	.03	.02	.09	.01			.05	.10	.15	.10															.55	
MONTICELLO						*	*	*	*	*	*	*	.16	*	*	*	*	*	* .23						.39	
MOROBAY L D 8										.05	.08	.02	.10	.10											.35	
MOUNTAIN HOME				*	*	*	*	*	*							.60									.60	
NIMROD DAM							.12	.14	.10	.06	.07	.03													.52	
PARTHENON					.05		.08	.07	.07																.27	
PINE BLUFF CAA									.01	.08	.12	.07	.08	.05											.41	
PRESCOTT SCS							.10		.08	.12															.30	
PYATT					.05	.05	.10	.05	.05	.10	.02	.03	.05	.02											.42	
RAVANA				.09			.03	.09	.03	.08	.09	.04	.04												.24	
REMMEL DAM							.03	.09	.03	.08	.09	.04	.04							.03	.03				.40	
SMITHVILLE						.05	.05	.05	.05	.13	.12	.13	.07	.07	.05	.03	.01								.75	
STUTTGART RESE										.03	.03	.07	.09	.10	.03	.01									.36	
TEXARKANA WB AP //					.04	.04	.01		.02																.11	
WALDRON				.04	.01	.09	.05	.14	.15	.11		.04													.63	
WEDDINGTON LAKE	.04	.02	.02	.02	.03	.05	.08	.02																	.28	
WEST FORK	.03		.03	.04	.03	.05	.10	.10																	.38	
WHEELING					.08	.12	.03	.07	.07	.08	.05	.02	.04	.01	.03	.02				.05					.67	
WINFREY		.02	.02	.03	.02	.03	.05	.05	.03	.02															.27	
WING				.10			.10	.20	.10	.20															.70	
-10th-																										
ALICIA																										
BOTKINBURG																								.05	.05	.10
-11th-																										
ALUM FORK																							.01	.04	.05	
ALY																						.02	.01	.03	.06	
ARCADELPHIA																									.10	
BLUE MOUNTAIN DAM																									.10	
BOTKINBURG			.05		.05																				.02	
CAMDEN 2																									.02	
COMBS				.02		.03		.02	.03																.10	
DAISY																						.03	.05	.05	.13	
DANVILLE																							.10	.10	.20	
FOREMAN																					.03	.05	.05	.13		
FORT SMITH WB AIRPORT																							.01	.02	.02	
LITTLE ROCK WB AP																						.01	.02	.03		
MENA																							*	*	.05	
MONTICELLO																									*	
PINE BLUFF CAA																								.02	.02	
PRESCOTT SCS																									.05	
REMMEL DAM							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.04	
SMITHVILLE																									*	
TEXARKANA WB AP //																					.02		.02	.03	.05	
WALDRON										.02													.05	.05	.10	
WING																									*	
-12th-																										
ALUM FORK	.06	.05	.06	.06	.03					.05	.03														.36	
ALY	.02	.07	.08	.05	.04	.01		.04	.05	.01	.02														.39	
APPLETON	.05	.05	.05	.05	.05	.05	.05	.01	.04				.05	.05											.40	
ARCADELPHIA	.03	.03	.04	.03	.04	.01				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
AUGUSTA			.10	.05	.05			.02		.01															.23	
BATESVILLE L D 1			.02	.02	.05			.03	.03																.07	
BERRYVILLE	.05	.05	.07	.05	.03	.02		.03	.05	.05															.40	
BLUE MOUNTAIN DAM																										
BOONEVILLE																										
BRINKLEY //	.01	.05	.07	.08	.05	.05				.05	.01				.05	.01					.01	.01	.02		.41	
BULL SHOALS DAM		.05	.08	.07	.06	.04	.04		.06	.10	.14				.02	.01	.02	.02							.64	
CAMDEN 2	.02	.01	.02	.03	.05	.03	.02	.02							.02	.01	.02	.02							.25	
CANAAN			.10	.05	.05																				.20	
CARPENTER DAM	.05	.03	.02	.04	.04	.04		.02	.01	.02		.01													.28	
COMPTON		.07	.08						.10																.25	
CORNING							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.27	
DAISY	.05	.05	.06	.04	.02	.03	.05	.03	.02	.05	.03	.02													.45	
DANVILLE	.03	.07	.05	.05	.05			.05	.05																.30	
DENVER	.02	.03	.07	.02	.02			.04																	.20	
DUMAS 2		.02	.03	.02	.03					.03	.07	.02			.03	.02					.03				.30	
FOREMAN	.07	.08	.05	.08	.05	.05		.02	.05	.05	.05	.05	.05	.05	.02	.02	.04	.01	.01						.57	
FORREST CITY			.09	.08	.08	.04		.02																	.39	
FORT SMITH WB AIRPORT	.02	.04	.06	.01	.01							.04													.18	
GILBERT	.01	.02	.03	.02	.03		.01		.05	.05															.12	
HARDY			*	*	*		.03	.02		.05	.05														.15	
HARRISON CAA 6	*	*	*	*	*	*				.22	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
HUNTSVILLE	.05	.02	.08										.04												.15	
HUTTIG DAM									.03																.18	
LITTLE ROCK WB AP	.04	.08	.05	.05	.02	.02		.02	.05				.01	.03	.04					.01	.03	.01			.36	
MAGNOLIA	.05		.04													.08	.02								.29	
MARIANNA																									.37	
MAUMEE			.10						.03	.03					.05										.24	
MENA	.05	.05	.05	.05	.03	.02			.05	.05	.04	.01													.40	
MONTICELLO	*	*	*	*	* .16					*	*	*	*	*	* .19	*	*	*	*	*	*	*	*	*	.51	
MOROBAY L D 8																										

TABLE 4 - Continued

HOURLY PRECIPITATION

ARKANS.
NOVEMBER 19-

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL									
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12										
STUTTGART QERC	.06	.08	.07	.08	.04	.04	.03	.05			.01	.04	.03	.02	.02	.02	.01								.55									
TEXARKANA W AF	.02	.05	.08	.02	.03	.02	.03	.05			.02	.03	.05	.05	.02		.03								.55									
WHEELING	.08	.05	.05	.04	.01	.01	.04	.04	.03				.03												.53									
WELINGTON LAKE	.33	.02	.05																						.10									
WET LOOK			.02	.01			.04					.01	.02	.01											.60									
WET LOOK	.05	.05	.10	.06	.04	.05	.05	.04	.10	.10		.01	.02	.01											.60									
WHEELING	.02	.02	.03	.02				.02	.03	.01		.03													.11									
WINFREY	.05	.05	.05	.05	.05																				.20									
-13th-																																		
ALY																						.03			.03	.00								
AUGUSTA	*	*	*	*	*	*	.06																			.00								
HUTTIG DAM			.02																							.00								
RAVANA		.05	.02		.03			.05	.05	.02	.03	.05	.05	.05												.40								
SMITHVILLE	*	*	*	*	*	*	.35																			.35								
-14th-																																		
ALY		.02		.13	.07																					.20								
HUTTIG DAM									.04																	.00								
-15th-																																		
ALUM FORD																	.02	.03	.10	.03	.10	.05	.05	.10	.05	.10	.10							
ARCADELPHIA																.15	.10	*	*	*	*	.10	.05	.05	.10	.10	.15							
AUGUSTA																								.10	.05	.17	.10							
BEAR CREEK LAKE																							.02	.02	.02	.02	.02							
BLUE MOUNTAIN DAM																								.01	.03	.09	.01							
BRINKLEY																.10	.10	.03	.15	.22	.43	.47	.18	.18	.18	.18	1.80							
CAMDEN 2																						.01	.01	.01	.01	.01	.01							
CARPENTER DAM																							.02	.06	.08	.02	.02							
COMBS											.01	.02		.01	.01								.02	.06	.08	.02	.02							
DAISY																								.02	.06	.08	.02	.02						
DANVILLE																								.02	.06	.08	.02	.02						
DUMAS 2																							.10	.05	.10	.05	.15	.60						
FOREMAN																.01	.03	.03	.12	.12	.09	.15	.07	.03	.05	.01	.60							
FORREST C TY																							.04	.02	.03	.05	.01	.60						
FORT SMITH W3 AIRPORT																							*	*	*	.02	.02	.00						
GILBERT																									.02	.02	.02	.00						
HARDY																										.07	.00							
HUTTIG DAM																	.05	.03	.02	.05	.05	.05	.02	.05	.05	.05	.05	.00						
LITTLE ROCK WH AF																		*	*	*	*		.04	.11	.06	.06	.06	.02						
MAGNOLIA																			.30	*	*	*					.00							
MARIANNA																							.05	.02	.16	.16	.16	.02						
MAUMEE																										.01	.01	.01						
MENA																		.02								.03	.03	.03						
MONTICELLO																.02	.03	.05	.05	.15	.10	.10	.11	.10	.10	.10	.10	.01						
MOROBAY L D B																.02	.03		.14	.13	.16	.05	.10	.10	.10	.10	.10	.01						
MOUNTAIN HOME																							.05	.03	.03	.05	.05	.05	.05	.05				
NORFORK DAM																									.05	.03	.03	.05	.05	.05	.05			
PARTHENON																								.01	.05	.10	.04	.04	.02	.02				
PINE BLUFF TAA																								.01	.05	.10	.04	.04	.02	.02				
PRESCOTT 315																.05		.05	.10	.10	.10	.15	.10	.10	.10	.10	.10	.10	.10	.10				
PIYATT																										.07	.07	.07	.07	.07				
RAVANA																.02	.05	.03	.07	.20	.25	.15	.25	.05	.15	.10	.10	.10	.10	.10	.10			
PEMME DAM																								.04	.03	.12	.07	.07	.07	.07	.07			
SMITHVILLE																									.12	.07	.07	.07	.07	.07	.07	.07		
STUTTGART QERC																	.05	.05	.10	.20	.02	.05	.19	.05	.15	.25	.25	.25	.25	.25	.25	.25		
TEXARKANA W AF																										.06	.15	.24	.24	.24	.24	.24	.24	
WHEELING																										.03	.03	.03	.03	.03	.03	.03	.03	.03
WINFREY																										.03	.03	.03	.03	.03	.03	.03	.03	.03
-16th-																																		
ALUM FORD	.06	.13	.03	.25	.05	.13	.10	.02					.30	.05	.10																.85			
ALY																																.45		
APPLETON	.03	.12		.03	.02	.03																										.45		
ARCADELPHIA	.08	.17	.25	.07	.43	.20	.05	*	*	*	*	*	*	*	*	*																1.15		
AUGUSTA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.40		
BATESVILLE L D 1											.10	.02	.02	.01	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.15			
BEAR CREEK LAKE	.09	.09	.03	.02	.05	.15	.05	.05																								.55		
BERRYVILLE				.03	.03																											.03		
BOTKIN MORG	.05	.13	.06	.02	.01	.02	.07																									.36		
BRINKLEY	.03	.03	.03	.01	.06	.05	.05			.01	.01	.03	.01	.06																		.35		
BULL SHOALS DAM																																.05		
CAMDEN 2	.09	.02	.08	.46	.09	.30	.20	.02	.04																							1.30		
CANAAN	.06		.12	.02	.01	.01	.03																									.25		
CARPENTER DAM	.02	.03	.01	.19	.26	.37	.01	.04																								.95		
COMBS	.08	.02	.06	.10		.03	.02																									.31		
COMPTON	.03		.01																													.01		
SPRING	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.35		
DAISY		.08	.15	.47	.15	.06	.04	.02	.02																							.35		
DANVILLE	.02	.01	.02		.01	.01																											.01	
DUMAS 2	.20	.05	.03	.07	.30	.20	.25	.30		.01	.02	.01	.01	.01																		1.44		
FOREMAN	.01	.41	.24	.15	.04	.02																										.95		
FORREST C TY	.12	.03	.01	.02		.04	.04	.10	.01	.01	.01			.01																		.95		
FORT SMITH W3 AIRPORT						.01																										.01		
GILBERT	.04	.01																														.05		
HARDY					.12			.05	.07	.05																						.20		
HUTTIG DAM				.0																														

TABLE 4 — Continued HOURLY PRECIPITATION

ARKANSAS
NOVEMBER 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
REMMEL OAM			.12	.18	.32	.36	.06	.11	.04																1.19
SMITHVILLE	.05	.01	.04	.01	.04	.05	.03	.02	.09				.01	.05											.36
STUTT GART 9ESE	.10	.06	.04	.03	.21	.06	.13	.06	.01																.70
TEXARKANA WB AP //	.05	.27	.39	.19	.08	.02																		1.00	
WEOINGTON LAKE	*	*	*	*	*	*																			
WEST FORK		.02		.01																				.03	
WHEELING		.05		.05	.03																			.13	
WINFREY	.01	.03	.03	.07	.01																			.15	
WING				.20	.10																			.30	
-17th-																									
BEEBE																			.22						
BERRYVILLE																								.22	
-18th-																									
ALUM FORK														.35	.40	.10								.85	
APPLETON														.05	.03	.03			.17	.05				.30	
ARKADELPHIA														.45	.37	.03	.05	.02						.92	
AUGUSTA														*	*	*	*	*	*	*	*	*	*	.92	
BATESVILLE L O 1															.05	1.33	.20	.09		.01				1.68	
BEAR CREEK LAKE										.20	.02		.05	.01	.03	.12	.12	.30	.30	.30	.08	.13	.03	.01	1.70
BEEBE				.01	.01				.01	.01				.05	.05	.30	.15	.05						.64	
BERRYVILLE //			.02	.01	.02																			.05	
BRINKLEY																								.05	
BULL SHOALS OAM																								.05	
CAMOEN 2	.05													.49	.23	.08	.10	.01						.91	
CANAAN														.10	.03	.02	.02	.05						.22	
CARPENTER OAM									.03	.01				.02	.39	.07	.03	.01		.01				.57	
CORNING														*	*	*	*	*	*	*	1.58			1.58	
OASIS											.20	.02	.05											.12	
OANVILLE											.10	.02												.06	
OENVER																		.25	.10	.15	.02			1.42	
OUMAS 2											.15				.05	.20	.30	.20						.32	
FOREMAN											.12	.20												.24	
FORREST CITY											.09		.02	.01	.07	.25	.22	.28	.22	.20	.21	.09	.13	.02	1.81
GILBERT											.01		.15	.02	.01		.04	.01						.80	
HAROT																.45	.18	.12						.11	
HUNTSVILLE															.26	.03	.21	.11	.16	.18	.06			1.08	
HUTTIG OAM									.03	.03		.01		.21	.30	.13	.02	.01	.01					.68	
LITTLE ROCK WB AP													.03	.99	.42	.03	.04	.01						1.52	
MAGNOLIA										.10	.05			.05	.10	*	*	*	*	1.				1.75	
MARIANNA														.08	.05	.09	.24	.22	.22	.24	.02			.23	
MAUMEE													.05	.01	.09	.30	.10	.15	.34	.01				1.08	
MONTICELLO												.05	.01	.09	.30	.10	.15	.34	.01					1.05	
MOROBAY L O 8													*	*	.22	.06	.10	.04	.10	.08				.19	
MOUNTAIN HOME														.01	.02	.08	.07		.01					.22	
NIMROD OAM																.22								.38	
NORFORK OAM															.06	.10	.04	.10	.08					.65	
PRESCOTT SCS													.10	.10	.32	.08	.05							.10	
RAVANA														.08	.02									.85	
REMMEL OAM														.65	.10	.07	.02	.01						1.79	
SMITHVILLE																1.40	.26	.10	.03					1.45	
STUTT GART 9ESE												.01		.01	.22	.21	.24	.28	.22	.21	.05			.20	
TEXARKANA WB AP //	*	*	*	*	*	*	*	*	*	*	*	*	*	.15	.05	*	*	*	*	*	*	*	*	.09	
WEOINGTON LAKE															.20	.22	.23	.15	.02	.06	.23	.40	.05	.99	
WHEELING																								1.56	
-19th-																									
AUGUSTA	*	1.17														.07	.07	.06	.22	.02	.18	.08		1.17	
BOTKINBURG																								.73	
BRINKLEY //	*	*	*	*	*	*	*	1.65	.02															1.65	
-20th-																									
BLUE MOUNTAIN OAM								.03	.02															.05	
BRINKLEY //																									
-21st-																									
ALUM FORK											.02	.04												.06	
ARKADELPHIA											.12	.03				.05	.12	.05	.03					.52	
AUGUSTA														*	*	*	*	*	.93					.93	
BATESVILLE L O 1															.04	.06	.01		.01					.12	
BEAR CREEK LAKE															.10	.10	.05	.05	.19	.10	.11	.02	.06	.01	.79
BEEBE				.01	.02			.01	.01	.09	.16	.20	.01	.06	.10	.10	.02	.10	.02	.03	.03			.79	
CAMOEN 2									.05	.42	.23	.02			.18	.05	.07	.03	.03					1.08	
CARPENTER OAM										.04	.04	.01		.02	.06	.01	*	*	*	*				.23	
CORNING																	.10							.10	
OUMAS 2								.07			.03	.40	.90	.25	.07	.05	.03	.10	.05	.03	.02			2.00	
FORREST CITY														.04	.07	.03	.12	.12	.03	.05	.02	.01	.01	.50	
HUTTIG OAM														.11	.03	.15	.02	.01	.10	.10				.55	
LITTLE ROCK WB AP								.04	.03	.09	.29	.08	.03		.10	.15	.02	.01	.10	.10				.96	
MAGNOLIA										.04	.28	.58	.12	.02		.12	.08	.08	.02	.02	.02			1.34	
MARIANNA														.02	.10	.09	.08	.09	.17	.05	.05	.02	.03	.70	
MONTICELLO													*	*	1.49	*	*	*	*	*	*	*	.33	2.34	
MOROBAY L O 8											.55	.03	.20	.05	.06	.01	.06	.08	.11	.03	.02			1.20	
PINE BLUFF CAA										.07	.35	.28	.02	.05	.10	.05	.10	.02	.03					1.07	
PRESCOTT SCS								.03	.17	.10	.15	.02	.01	.15	.12	.02	.06	.02	.06					.68	
RAVANA								.50	.10	.15	.05	.03	.05	.03	.02	.05								.90	
REMMEL DAM									.02	.10	.08	.02	.03	.12	.01	.06	.08	.01	.01					.39	
SMITHVILLE									.01	.04	.01	.02	.23	.19	.01	.24	.21	.07	.15	.02	.01	.01	.01	.20	
STUTT GART 9ESE									.02	.01	.02	.23	.19	.01	.24	.21	.07	.15	.02	.01	.01	.01		1.22	
TEXARKANA WB AP //				.02						.01	.02	.13	.01	.05	.01	.05								.26	
WEST FORK																								.02	
-22d-																									
OUMAS 2	.02			.03																				.05	
FORREST CITY										.02														.02	
SMITHVILLE										.02	.01	.01	.01											.05	
-23d-																									
MAUMEE																						.15	.15	.30	

See Reference Notes Following Station Index

TABLE 4 - Continued
HOURLY PRECIPITATION

ARKANSAS
NOVEMBER 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CAMDEN 2									.02	.01			.07	.05	.02	.05	.03		.05						.03
CANAAN									.03	.12	.02	.08	.03						.05						.55
CARPENTER DAM									.10	.04	.03	.07	.01						.02						.27
CLARKSVILLE						.15			.10	.03	.02													.30	
COMBS					.05	.10			.05	.06	.04	.05		.03		.05								.45	
COMPTON							.08	.02	.02	.08	.02	.04		.08	.02	.01								.37	
CORNING					*	*	.25	*	*	*	*	*		*	*	*	.38							.63	
DAISY									.05															.05	
DANVILLE							.10	.09	.01	.01			.02	.01	.06	.02	.03							.35	
DENVER						.06	.10	.09	.04	.04	.02	.02	.26	.02	.08									.64	
DUMAS 2	.03		.01	.01	.08	.05	.05	.02	.06	.04	.03	.02	.01	.01		.01								.20	
DURHAM			.01	.01	.08	.05	.05	.02	.06	.04	.03	.02	.03	.03	.09									.50	
FDREMAN							.07																	.07	
FORREST CITY	.02	.02		.04	.11	.03	.01	.01		.02	.05	.02	.01	.04	.06	.06		.02	.04	.02				.26	
FORT SMITH WB AIRPORT							.06	.07		.02	.08	.10	.05	.05	.05	.05						.02		.33	
GILBERT										.02	.05	.05	.02	.07	.06	.04	.05		.03			.02		.55	
HARDY										.02	.05	.05	.02	.07	.06	.04	.05		.03					.39	
HARRISDN CAA	*	*	*	*	*	*	.05	*	*	*	*	*	.50	*	*	*	*	*	.23						
HUTTIG DAM	.01		.01				.02	.08	.09	.01			.01											.22	
LITTLE ROCK WB AP	.02					.01	.02	.09	.09	.02	.02	.01	.02	.01	.02		.01	.04	.04					.35	
MAGNOLIA				.01			.02	.02	.01	.02	.01		.02						.01	.04	.04			.09	
MARIANNA	.05	.02	.01					.01	.01	.03			.01	.01	.01									.15	
MAUMEE					.01	.01	.01	.05	.10	.05	.15	.05	.12	.08										.57	
MAUMEE					.04	.01	.01	.03	.02	.01	.05	.02	.01	.05	.02	.26	.01							.20	
MENA			.01				.01	.03	.02	.01	.05	.02	.01	.05	.02	.01	.01		.01	.01				.14	
MONTICELLO					.02		.02	.02	.02	.01	.01		.01											.06	
MOROBAY L D 8					.02		.02	.02	.02	.12	.06	.05	.06	.09	.04	.26	.01							.73	
MOUNTAIN HOME							.02	.02	.02	.01	.06		.01	.01	.01	.08	.06	.01	.01	.01				.48	
NIMROD DAM							.01	.12	.06	.09			*	*	*	.75								.75	
NORFORK DAM							.03	.15	.05	.05	.05	.05	.03	.05	.04	.03								.57	
PARTHENON					.01	.04	.03	.15	.05	.05	.05	.05	.03	.05	.04	.03								.18	
PINE BLUFF CAA	.05	.02		.01				.10		.01	.04		.03	.01	.01									.10	
PRESCOTT SCS							.02	.03	.05	.03	.02	.08	.01	.01	.06	.04	.03	.01		.01				.40	
REMMEL DAM							.03	.05	.03	.02	.04	.03	.03	.02	.07	.03	.10	.05	.10	.05	.07	.03	.05	.19	
SMITHVILLE	.03	.08	.02					.03	.03	.03	.02	.07	.03	.10	.05	.10	.05	.07	.03	.05				.73	
STUTTGART 9ESE	.01	.04			.01			.03	.03	.02	.03	.01	.02	.01	.10	.05	.10	.05	.07	.03	.05			.16	
TEXARKANA WB AP //						.03	.09	.08	.02	.05	.05	.10	.11	.01	.02	.03	.02							.10	
WALORDN						.03	.09	.08	.02	.05	.05	.10	.11	.01	.02	.03	.02							.28	
WEDINGTDN LAKE			.07	.10	.07	.06	.07	.08	.02	.05	.05	.10	.11	.01	.02	.03	.02							.79	
WEST FORK				.08	.06	.06	.06	.03	.05	.01	.01	.10	.10	.01	.01	.10	.02	.03	.10	.10	.02			.46	
WHEELING							.05	.10	.05	.07	.05	.10	.10	.03	.02	.10	.02	.03	.10	.10	.02			.52	
WING							.05	.10	.05	.10	.03	.03	.02	.03	.02	.05	.05	.05						.50	
-29th-																									
ALICIA																									.10
BULL SHOALS DAM									.10																.05
CANAAN										.05															.19
HARDY					.02					.17															.20
MAUMEE									.05	.15															.20
PARTHENON												.03													.03
PYATT										.02	.28	.02	.01												.33
WHEELING									.13																.13
WINFREY																									
-30th-																									
ALICIA																									
ATLANTA																									
HARRISBURG																									
HEBER SPRINGS 3SW																									
HUNTSVILLE																									
KINGSLAND																									
LAKE LEATHERWOOD																									
MONTROSE																									
MOUNT IDA 1																									
MURFREESBRO																									
NASHVILLE SCS																									
WINFREY																									

DAILY TEMPERATURES

ARKANSAS
NOVEMBER 1948

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 MIN	70 60	70 52	76 53	73 53	70 51	62 50	65 39	67 38	60 35	56 30	64 32	54 43	64 42	70 39	68 40	76 58	75 35	69 50		62 30	53 31	53 34	53 34	60 32	70 33	69 49	58 40	59 34	54 31	60 27	64.1 40.5		
ARKADELPHIA	MAX MIN	70 60	72 50	70 51	78 52	76 45	65 39	69 35	69 35	70 32	53 28	60 28	65 40	61 41	69 35	63 36	76 35	70 36	76 36		42 32	48 33	64 32	57 33	55 33	60 32	62 32	64 32	60 41	48 29	55 24	63.6 37.6		
ASHDOWN	MAX MIN	79 52	68 46	80 53	82 52	64 43	67 31	68 38	70 43	44 25	61 27	65 34	50 37	64 38	67 38	65 48	77 33	70 36	74 42		51 28	64 32	55 33	55 29	53 29	60 33	74 41	66 41	56 43	54 28	55 28	63.8 37.0		
BATESVILLE AIRWAY	MAX MIN	69 57	74 54	72 57	76 58	63 41	67 33	65 33	66 34	56 35	57 36	66 35	55 38	60 33	71 33	73 44	64 34	65 52	62 39		57 35	47 38	54 27	50 27	59 32	69 32	63 33	56 32	46 28	51 25	60 20	62.3 38.9		
BATESVILLE LIVESTOCK	MAX MIN	70 59	70 54	74 54	71 55	75 53	63 46	66 29	65 33	65 40	47 29	60 30	60 43	49 32	60 32	73 35	75 46	65 30	63 45		44 31	57 32	49 29	53 21	51 28	58 35	69 35	63 29	60 41	45 23	50 24	61.3 37.1		
BEE BRANCH	MAX MIN	70 57	67 54	72 54	75 54	70 46	66 45	65 30	65 34	62 34	56 26	64 25	57 31	64 36	68 35	70 32	74 33	72 36	68 36		59 42	56 31	55 31	53 31	55 30	69 28	67 32	59 33	51 39	51 20	58 22	63.0 38.2		
BENTON	MAX MIN	70 55	74 50	70 48	76 53	74 53	65 46	66 45	68 30	71 34	47 26	59 25	65 31	49 36	61 35	69 32	63 36	76 33	69 36		73 42	50 31	62 31	50 36	55 31	54 30	54 28	73 32	63 33	61 39	59 20	53 22	63.3 36.0	
BENTONVILLE	MAX MIN	81 55	72 50	60 55	70 55	78 44	56 39	60 31	64 37	65 32	39 26	57 27	64 34	48 30	65 35	66 37	72 30	68 33	73 32		34 32	54 25	50 24	38 24	50 18	54 15	54 38	67 30	49 33	36 14	47 16	59.0 33.1		
BETHESDA	MAX MIN	72 56	68 54	71 53	71 55	75 52	63 46	65 27	65 31	66 42	47 23	55 25	66 42	50 29	61 28	70 30	73 45	78 28	65 42		62 42	56 27	57 28	48 28	52 20	58 25	70 29	62 44	59 25	43 38	50 19	61.6 35.2		
BLITHEVILLE	MAX MIN	72 56	74 51	74 59	68 58	80 60	63 44	65 33	69 41	70 45	65 33	58 34	68 38	55 42	59 38	68 43	73 35	61 38	62 38		52 36	56 39	60 40	54 30	50 30	58 40	72 37	64 37	57 30	49 30	49 30	62.9 40.1		
BOONEVILLE	MAX MIN																																	
BRINKLEY	MAX MIN	72 58	75 57	75 55	81 55	77 44	69 34	70 39	63 38	60 30	68 30	60 30	57 44	62 42	71 35	74 40	67 37	68 38	66 50		63 43													66.7 42.1
CAMOEN 1	MAX MIN	73 58	73 52	70 52	80 54	81 54	65 45	69 32	70 32	74 36	61 30	61 29	68 29																					
CAMP CHAFFEE	MAX MIN	84 62	74 55	66 59	76 60	82 51	62 46	67 37	72 41	72 39	53 26	63 37	63 38	68 40	65 31	72 34	76 37	77 39	72 41		78 38	44 39	50 34	48 18	56 26	55 35	74 39	65 32	58 40	41 25	56 21	64.6 38.0		
CONWAY	MAX MIN	72 58	69 51	77 52	78 55	73 52	66 47	69 32	69 37	57 36	58 28	66 30	56 45	64 40	72 35	72 35	77 57	68 35	72 55		63 41	61 32	52 36	54 33	53 29	60 33	74 34	67 50	59 35	51 35	53 26	61 24	64.8 39.6	
CORNING	MAX MIN	78 48	72 57	76 56	66 57	79 49	62 45	65 33	67 37	67 42	54 31	55 40	65 45	52 38	58 33	69 37	73 39	69 36	68 36		62 44	47 32	56 34	56 29	48 29	59 36	70 47	57 34	53 35	45 25	50 25	61.7 38.9		
CROSSETT	MAX MIN	74 61	75 52	81 48	79 55	80 55	71 38	73 35	66 42	66 28	75 30	83 43	62 47	59 46	65 38	73 59	75 40	70 55	65 44		68 33	67 33	57 45	52 31	64 27	74 30	69 56	64 41	55 41	53 28	60 23	68.2 41.1		
CUMMINS FARM	MAX MIN	70 56	70 50	75 54	79 54	77 47	68 37	67 31	60 36	58 36	65 25	58 43	63 60	68 36	55 35	70 50	68 37	67 50	63 42		62 34	53 36	52 32	52 32	60 32	71 31	65 54	58 36	51 49	49 27	57 25	63.5 39.9		
DARDANELLE	MAX MIN	72 52	76 52	69 53	75 53	78 53	65 50	67 32	67 32	69 32	45 26	59 26	68 26	50 29	63 35	72 35	73 35	78 35	68 35		73 44	46 3	60 3	57 32	53 26	54 26	56 26	73 33	59 33	59 33	46 27	52 24	63.0 35.4	
DE QUEEN	MAX MIN	78 61	75 49	78 51	76 51	65 45	65 30	68 35	65 39	61 25	64 45	56 45	62 43	63 44	63 44	75 41	66 34	67 46	75 41		62 30	61 29	59 28	52 28	59 30	62 45	65 60	54 45	54 27	54 24	57 24	65.1 38.0		
DES ARC	MAX MIN	71 55	71 59	71 55	75 56	76 54	59 44	67 33	67 37	70 38	62 30	57 31	66 32	52 44	59 35	68 37	71 40	69 35	68 36		68 44	49 35	68 35	48 40	53 31	50 32	59 36	71 60	69 40	53 39	46 26	50 26	62.8 39.1	
DEVILS KNOB	MAX MIN	76 51	68 52	70 50	68 51	65 45	63 42	63 46	60 34	60 28	60 40	62 43	63 44	65 34	66 48	64 42	64 47	62 30	62 40		50 25	46 34	54 22	50 26	51 31	61 45	64 54	60 51	45 31	48 26	50 26	61.4 40.1		
DUMAS 1	MAX MIN	71 58	72 55	78 54	82 58	75 57	69 43	70 34	73 37	60 33	60 33	65 30	54 46	60 48	65 41	66 37	69 54	68 36	70 40		63 45	65 37	55 40	54 42	53 34	65 35	73 36	67 55	57 43	53 30	58 27	64.7 41.9		
EL DORADO	MAX MIN	83 63	50 50	73 51	82 54	83 43	64 35	72 33	72 37	74 42	62 30	65 35	70 44	52 44	65 44	62 45	65 43	68 46	75 40		76 41	56 33	68 34	57 32	60 32	56 34	63 39	70 41	70 42	68 28	58 27	68.2 40.1		
EUREKA SPRINGS	MAX MIN	74 51	62 57	64 55	76 58	72 46	59 44	64 37	65 45	59 34	52 30	62 44	54 35	60 45	64 45	72 48	73 52	67 40	74 52		67 31	49 28	51 26	43 21	48 21	46 37	62 42	49 37	46 34	45 21	52 32	59.9 40.0		
FRAYETTEVILLE	MAX MIN	74 57	60 53	72 55	77 60	67 45	59 40	63 38	65 33	60 30	62 41	64 43	63 41	67 42	71 37	70 49	65 32	73 54	57 29		57 32	54 37	51 43	52 19	48 36	67 41	58 58	55 38	50 31	49 19	54 23	60.5 38.2		
FRAYETTEVILLE EX S	MAX MIN	74 56	64 53	72 55	76 60	71 45	58 39	62 30	65 48	61 32	55 29	62 39	54 42	64 39	68 38	71 54	71 35	67 55	73 30		64 30	55 26	51 34	43 25	54 18	48 36	68 38	63 31	54 31	49 17	56 24	61.5 37.8		
FORD	MAX MIN	70 60	70 61	79 59	83 59	75 52	68 43	70 32	69 32	60 39	60 42	62 45	60 45	62 45	69 40	70 43	75 41	73 58	64 42		65 32	63 47	55 36	60 35	60 36	74 41	71 49	75 61	66 41	60 34	60 30	66.8 43.3		
FRANK SMITH WB AIRPORT	MAX MIN	72 55	63 55	77 57	82 55	63 50	65 43	68 33	71 44	51 37	59 30	66 31	51 41	62 41	72 36	73 37	76 42	70 32	77 47		47 36	57 29	50 38	48 25	55 19	55 32	73 37	64 39	57 36	50 32	54 24	58 24	62.9 37.9	
GILBERT	MAX MIN	80 50	71 53	68 50	73 49	76 48	65 48	63 34	66 37	67 21	44 21	51 24	67 25	51 28	63 28	75 25	75 26	68 26	68 40		43 30	61 25	63 16	51 18	53 18	59 20	70 41	54 30	60 32	59 18	62.3 31.6			
GRANNIS	MAX MIN	72 48	62 50	75 49	79 44	62 38	63 40	63 37	41 27	60 33	65 35	49 37	64 37	67 42	74 36	64 36	63 36	44 26	59 32		59 32	59 27	52 30	53 31	58 40	71 40	64 45	59 28	46 27	57 30	61.0 36.4			
GRAVETTE	MAX MIN	72 56	63 54	71 55	78 64	74 43	60 38	65 35	69 44	57 32	55 24	63 37	53 45	64 31	66 42	72 38	69 31	68 49	73 61		65 29	53 26	46 33	42 22	54 18	62 33	61 39	50 34	47 31	51 14	55 21	60.8 36.7		
GREEN MOUNTAIN	MAX MIN	59 47	63 54	61 50	67 48	60 47	58 44	64 32	71 41	51 37	59 37	66 44	54 41	62 39	69 42	71 47	68 37	70 36	77 47		47 36	57 31	50 30	51 30	54 30	61 33	57 32	50 29	40 28	34 20	42 30	56.1 37.3		
HARRISON	MAX MIN	74 57	68 55	70 56	72 55	60 48	78 48	65 32	65 32	65 27	65 28	58 28	62 32	70 32	75 32	75 34	68 40	71 49	70 32		75 48	57 33	57 28	48 26	53 17	69 26	61 41	50 25	48 31	45 20	55 20	63.0 35.4		
HARRISON CAA	MAX MIN	67 57	68 56	70 54	77 48	63 33	66 36	69 30	57 24	65 24																								

DAILY TEMPERATURES

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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
KEO	MAX	73	70	77	75	74	67	68	70	59	59	66	55	62	70	71	74	67	70	63	63	52	53	54	62	73	68	61	52	52	60	64.7 41.4	
	MIN	59	55	53	56	53	45	34	37	37	37	30	30	45	44	38	39	58	37	53	43	35	37	32	34	37	52	40	38	27			
LEAD HILL	MAX	68	68	73	77	66	62	62	63	56	55	63	54	60	70	76	68	72	60	58	53	48	52	52	70	59	2	48	50	58	61.2 33.7		
	MIN	53	55	55	57	49	44	27	35	33	25	23	45	31	29	31	49	28	50	35	31	23	24	28	28	35	2	42	14	19			
LITTLE ROCK WB AP	MAX	71	70	76	74	63	64	65	69	60	57	65	50	59	70	69	76	65	70	54	61	49	52	48	60	72	65	60	48	52	57	62.4 42.6	
	MIN	58	56	54	60	49	49	40	40	38	32	33	46	45	40	42	53	41	54	43	35	41	38	35	34	37	47	41	35	31	30		
LUTHERVILLE	MAX	70	65	70	78	70	64	63	65	61	55	64	59	61	67	70	75	65	67	63	55	56	51	51	50	70	67	65	54	54	57	62.7 40.0	
	MIN	60	52	53	57	48	45	37	34	36	27	32	43	40	37	42	55	36	54	34	29	38	32	35	32	35	47	34	24	28			
MAGNOLIA	MAX	75	73	83	81	80	69	70	72	65	63	67	62	61	66	63	78	73	79	65	68	63	56	55	67	75	71	65	56	60	62	68.1 43.4	
	MIN	64	51	51	60	51	43	39	44	40	29	34	45	44	48	42	59	42	59	41	33	48	37	36	33	39	62	42	29	30			
MALVERN	MAX	71	74	69	77	74	65	67	68	71	46	59	65	49	69	73	77	69	70	48	63	50	55	55	60	73	65	60	43	54	62	63.4 40.3	
	MIN	60	52	52	57	53	45	37	34	38	29	36	42	42	39	39	38	44	42	32	37	37	37	35	33	47	41	40	29	26			
MAMMOTH SPRING	MAX	78	74	75	78	75	70	65	59	52	49	66	65	67	64	63	65	66	69	60	61	64	50	49	56	57	62	57	57	54	46	62.4 29.1	
	MIN	42	49	46	45	47	45	40	40	29	24	23	25	24	23	22	26	26	23	23	22	24	23	20	24	25	30	22	23	19			
MARIANNA	MAX	71	71	73	80	61	65	68	70	65	59	65	53	59	68	- 40.8																	
	MIN	57	60	52	58	51	43	33	37	43	30	30	37	44	35		38	46	37	45	44	36	38	41	31	29	35	53	41	46	61	61	
MARKEO TREE	MAX	74	74	73	71	80	62	66	66	71	63	59	65	52	60	70	70	66	66	63	51	58	56	54	54	59	69	64	51	45	48	62.7 38.6	
	MIN	55	58	53	54	57	45	33	35	35	31	30	34	39	33	34	44	34	45	42	35	32	39	29	30	36	37	37	38	28	27		
MARSHALL	MAX	78	68	73	75	70	62	64	65	60	55	65	56	65	73	74	56	64	68	60	60	59	53	56	59	69	55	58	50	52	53	62.8 38.0	
	MIN	59	59	57	58	50	44	30	44	31	30	36	43	34	36	30	31	36	31	31	45	23	20	29	49	40	46	30	15	22			
MENA	MAX	71	65	79	80	73	63	68	69	60	60	66	55	65	71	68	74	70	75	62	62	56	52	56	60	71	64	56	51	56	59	64.6 39.9	
	MIN	62	50	52	58	48	43	34	44	36	28	38	43	37	41	41	57	35	50	37	29	40	30	25	32	39	45	36	35	24	27		
MONTICELLO	MAX	70	70	77	79	76	68	69	72	68	61	66	55	61	69	64	71	72	70	52	61	60	54	61	61	72	67	61	52	46	60	64.5 43.1	
	MIN	61	53	52	59	47	44	43	45	39	30	35	45	46	44	59	46	40	49	43	36	47	38	36	41	40	41	40	36	30	29		
MORRILTON	MAX	72	71	69	76	78	65	65	68	68	47	57	66	50	62	70	71	76	66	69	46	59	52	52	52	57	71	59	60	47	51	62.4 38.7	
	MIN	52	53	54	56	53	51	34	35	42	30	30	32	44	37	39	36	37	38	43	34	36	34	30	31	33	40	34	36	30	27		
MOUNT IOA 1	MAX	67	64	78	78	74	72	71	70	62	63	62	68	71	72	68	77	67	61	56	61	62	58	62	71	75	63	70	60	57	59	66.6 34.8	
	MIN	48	43	52	57	45	30	36	33	32	20	34	31	36	34	33	54	26	46	32	36	32	26	30	32	34	35	33	18	17			
MOUNT MAGAZINE	MAX	64	60	65	67	64	53	56	58	54	49	56	48	55	62	63	65	58	60	59	50	49	39	44	45	62	60	50	47	42	50	55.1 39.4	
	MIN	55	48	50	55	41	33	43	52	28	29	43	39	39	45	49	52	52	50	27	25	38	23	28	32	41	43	38	27	21	37		
MOUNTAIN HOME	MAX	70	69	71	76	71	62	65	67	58	53	67	54	58	69	75	76	74	66	59	56	55	48	50	51	55	65	68	49	46	55	61.9 35.9	
	MIN	55	56	58	53	50	41	30	39	32	23	28	43	34	33	35	54	31	41	35	33	31	29	20	28	31	30	31	32	20			
NASHVILLE	MAX	73	74	65	79	81	65	68	68	71	46	61	65	50	64	70	64	78	69	72	50	62	54	55	59	60	74	70		55	55	64.7 37.7	
	MIN	62	51	49	49	52	44	33	38	40	28	28	31	38	37	37	41	36	36	40	31	38	31	29	30	33	41	41		25	25		
NEWPORT	MAX	71	72	72	77	60	67	67	70	58	58	67	52	60	70	75	71	69	67	62	58	49	53	48	62	70	64	51	60		51	60	62.8 39.8
	MIN	58	60	58	58	58	49	35	37	40	31	33	36	36	35	37	40	35	38	44	36	34	38	31	30	34	36		31	26			
NIMROO OAM	MAX	76	76	66	76	72	68	66	73	74	54	64	65	50	66	68	71	75	66	65	52	60	54	52	51	59	72	61	54	44	55	63.8 35.6	
	MIN	57	49	53	56	50	47	29	34	40	26	26	29	38	33	35	36	31	34	39	28	32	30	23	26	31	45	29	33	27	22		
NORFORK OAM	MAX	79	72	71	73	78	66	65	67	67	47	55	68	51	57	72	76	78	67	69	46	58	55	50	53	59	71	54	57	46	50	62.6 34.5	
	MIN	54	53	58	51	52	50	28	32	26	26	26	38	30	32	38	30	32	31	36	32	28	20	24	28	34	33	34	22	20			
ODEN	MAX					67	62	64	64	72	65	68	71	75	68	68	48	63	55	52	57	59	72	61	58	58	61	59	48			62.3 34.8	
	MIN					41	29	28	45	36	47	31	46	34	48	39	32	35	32	26	36	37	38	29	31	24	24	33					
OKAY	MAX	77	77	80	82	80	76	69	70	70	70	70	69	70	70	78	78	78	78	78	64	60	60	56	62	74	70	66	54	57	62	69.9 38.0	
	MIN	62	51	51	51	45	38	32	30	32	29	29	29	36	39	38	34	34	35	33	46	30	30	32	41	58	42	43	28	24			
OZARK	MAX	78	68	67	70	80	60	65	65	68	50	57	65	50	68	71	75	66	70	40	54	54	50	50	49	70	58	50	40	49	60.2 36.5		
	MIN	62	54	56	58	58	48	35	35	43	27	27	29	39	35	27	27	34	40	33	33	29	23	23	29	42	34	35	24	23			
PARAGOULO	MAX	73	74	68	80	75	64	65	67	59	55	64	56	59	66	70	67	66	63	64	61	53	56	51	48	56	67	67	54	49	57	62.1 39.1	
	MIN	50	50	54	53	53	43	32	33	29	27	49	40	35	36	57	33	48	42	35	30	39	30	26	34	34	37	32	29	26			
PERRYVILLE	MAX	68	67	69	70	69	70	69	64	60	65	66	68	63	72	76	78	69	62	63	62	60	55	56	60	72	66	60	59	55	58	65.0 35.0	
	MIN	36	37	38	37	35	37	36	31	31	34	36	38	43	42	40	43	46	38	36	35	34	32	35	34	36	34	29	20	20	28		
PINE BLUFF	MAX	71	65	74	75	70	69	71	63	61	66	55	63	46	62	69	74	69	69	62	66												

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Table 1-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	
... ..	MAX	9	10	10	82	67	67	68	70	63	61	65	51	64	66	64	76	72	77	53	64	56	54	55	60	74	68	57	50	55	60	64.8
	MIN	35	44	50	50	53	44	38	44	34	31	37	46	42	46	44	52	39	48	42	34	40	35	33	35	45	49	44	36	29	29	42.2
... ..	MAX	64	3	67	75	65	58	60	62	55	52	60	52	60	64	69	61	69	74	57	52	54	50	60	60	64	60	55	47	47	55	59.7
	MIN	34	6	17	1	50	40	40	35	29	30	39	38	38	36	40	43	50	46	28	23	41	26	33	32	36	43	36	28	22	34	37.1
... ..	MAX	70	69	66	79	77	63	69	70	62	60	66	60	66	73	73	77	70	78	66	63	60	50	55	59	72	70	59	56	56	60	66.1
	MIN	40	36	37	49	49	44	28	39	35	23	25	43	36	31	31	56	29	54	37	27	32	33	19	27	32	3	29	33	22	20	36.2
... ..	MAX	71	72	72	77	75	78	75	82	75	61	66	78	72	70	72	73	76	71	72	69	67	56	53	59	73	73	67	53	53	53	68.5
	MIN	43	36	34	41	45	50	40	55	39	34	35	36	43	44	38	56	47	49	43	36	42	46	36	35	35	52	43	41	31	27	43.6
... ..	MAX	67	66	66	66	67	59	60	62	58	62	59	52	59	64	68	60	67	60	60	60	52	47	48	46	64	59	56	50	46	54	58.5
	MIN	32	35	35	42	42	39	41	39	30	30	32	39	38	44	46	48	42	50	26	24	40	26	27	30	36	46	39	28	23	33	38.5
... ..	MAX	71	68	68	69	76	65	66	68	63	57	64	63	59	68	71	62	66	65	62	57	54	52	51	58	69	65	53	51	50	59	62.8
	MIN	9	6.3	7.5	19	52	46	35	44	37	32	34	44	46	43	57	37	53	43	36	41	41	32	30	38	51	40	35	28	28	42.6	

**TABLE 6
DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)**

ARLINGTON
NOVEMBER 1946

STATION	DAY OF MONTH																															TOTAL	DEPARTURE FROM NORMAL
	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		
WETHERSDA	EVAP	.078		.155	.116		.168	.171	.117	.018			.014	.077	.119																		
HOPE	EVAP			.062	.121	.236	.151	.139	.112	.070		.144	.091	.026		.10	.040	.141	.056	.028	.300		.104		.111	.175							
NIMROD DAM	EVAP	.062	.128	.030	.162	.150	.028	.072	.108	.000		.116	.092	.028	.072	.08	.078	.172	.068	.110	.100	.038	.94	.32	.49	.48							
WINDFORK DAM	EVAP	.118		.188	.186		.024	.102	.044			.110	.082	.04	.059	.123	.089	.075	.114	.022													
TUTTIGTART P.M. ESE	EVAP	.024	.013	.089	.081	.114	.072	.088	.083	.075	.048	.065	.098	.034	.049	.057	.020	.036	.050	.047	.071	.075		.047	.033	.04	.099						
	WIND	50	70	65	50	170	95	50	15	50	80	35	35	14	54	23	74	42	54	107	123	49	21	23	9	71	109						

**TABLE 7
DAILY RIVER STAGES (FEET)**

RIVER AND STATION	FLOOD STAGE	DAY OF MONTH																															HIGHEST (TOP GREEN)	DATE	LOWEST	DATE		
		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						
BUFFALO GIBERT	30	3.3	3.4	4.2	4.1	3.8	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.5	3.5	3.5	3.5												
BLACK BACK ROCK	14	1.4	1.5	1.4	2.3	2.1	2.4	2.4	2.3	2.2	2.2	2.3	2.3	2.3	2.2	2.1	2.0	2.0	3.4	3.9	3.7	3.5	3.4	3.3	3.1													
WHITE LOTTER GATEWAY LE... NEWPORT GEORGETOWN ARENOLIN	21 23 26 26 26	1.0 5.6 1.0 0.1 7.0	1.2 5.1 1.0 0.3 7.1	7.5 6.0 0.5 0.4 8.0	7.4 6.2 1.0 0.4 8.0	3.2 7.2 2.0 0.5 8.0	4.1 7.1 2.6 1.6 8.1	3.9 7.1 2.5 2.2 8.1	2.4 6.6 2.6 2.7 8.1	3.6 7.0 2.5 2.8 8.1	2.6 6.6 2.2 2.9 10.7	2.7 6.6 2.2 2.9 10.7	2.2 6.6 2.2 2.9 10.7	2.1 6.7 2.2 2.6 10.8	7.0 6.5 2.0 2.6 11.0	2.1 6.4 1.9 2.5 11.0		1.7 6.3 1.7 2.4 11.2	1.7 6.3 1.7 2.4 11.2	1.8 7.2 2.7 2.3 11.5	1.8 6.8 3.7 2.7 11.7	2.4 6.3 3.5 4.1 12.0	1.9 6.5 3.1 4.6 13.6	1.5 6.1 2.7 4.4 14.0	1.3 5.9 2.4 4.4 17.9													
WIT EAN ABELLE	20	2.5	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6													
ARKANSAS SAN BLEN CLARK AR ANELLE MORRI TON LITTLE ROCK FINE BLUFF	22 22 22 23 23 25	4.5 1.1 2.4 6.9 0.4 1.3	4.7 1.5 2.4 7.0 0.1 1.2	4.3 1.0 2.3 7.0 0.6 1.5	4.2 1.0 2.3 6.9 0.6 1.6	4.9 1.0 2.4 6.9 0.9 1.7	7.8 1.2 2.4 6.8 0.6 2.1	9.2 5.3 2.7 6.8 0.4 1.7	9.2 5.3 2.7 6.8 0.4 1.7	8.8 4.8 6.9 7.0 0.3 1.3	7.2 6.6 5.1 11.6 2.9	6.6 6.4 5.1 11.1 5.6	6.4 6.1 5.0 10.0 5.5	5.5 6.1 5.0 9.3 4.8	5.5 6.1 5.0 8.5 4.2	5.5 6.1 5.0 8.1 3.5	5.5 6.1 5.0 7.9 3.1	5.2 6.0 5.1 7.2 3.1	5.0 6.2 5.8 6.8 2.9	5.2 6.2 5.8 7.4 2.7	5.2 6.2 5.8 7.5 2.9	5.2 6.3 5.8 7.4 2.9	5.2 6.3 5.8 7.4 2.9	5.0 6.0 5.1 7.4 2.8	4.0 6.4 5.1 7.4 2.5	4.1 6.4 5.1 7.4 2.5	4.2 6.4 5.1 7.4 2.5	4.1 6.4 5.1 7.4 2.5	4.1 6.4 5.1 7.4 2.5	4.1 6.4 5.1 7.4 2.5	4.1 6.4 5.1 7.4 2.5	4.1 6.4 5.1 7.4 2.5	4.1 6.4 5.1 7.4 2.5					
ASHOR GLENWOOD	10	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4				3.5	3.5	3.5	3.5	3.6	3.6	4.2	4.2	4.2	4.4	4.4	4.6	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5		
ALICE SCYTON	20	3.9	6.9	6.2	5.6	3.5	7.2	6.1	5.5	5.2	5.1	2	5.3	5.4	6.5	6.5	6.9	6.5	7.6	12.7	9.2	7.6	7.3	6.8	6.4	6.1												
LITTLE MISSOURI BOUGHTON	20	4.2	4.3	4.4	4.5	4.9	5.2	5.3	5.2	5.0	4.4	4.4	4.4	4.4	4.4	4.5	4.6	4.7	6.0	1.0	6.8	6.6	6.4	5.6	5.4	5.4	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	
WACHITA ARKADELPH A CAMDEN	17 26	3.6 4.2	4.0 4.8	3.5 4.8	3.5 5.0	3.7 4.8	5.3 4.8	3.7 4.7	3.4 5.6	3.5 4.9	5.0 4.5	5.5 4.1	3.5 4.8	3.5 4.8	3.4 4.8	3.4 4.8	3.6 4.6	6.5 4.7	5.1 6.0	5.8 1.0	6.4 6.8	4.8 6.6	6.3 6.4	5.2 5.4	4.2 5.4	3.2 5.4	3.2 5.4	3.2 5.4	3.2 5.4	3.2 5.4	3.2 5.4	3.2 5.4	3.2 5.4	3.2 5.4	3.2 5.4	3.2 5.4	3.2 5.4	3.2 5.4
LITTLE WHITECLIFFS	25	0.0	0.0	0.0	0.0	1.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.9	2.5	2.5	2.5	2.0	1.5	1.5												
WED FULTON	25	6.4	6.9	7.2	7.4	7.6	7.3	6.6	6.1	6.9	6.9	7.0	7.0	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
T. FRANCIS ST. FRANCIS MARK TREE PARKIN MADISON	18 30 17 27 27	1.9 19.3 0.6 1.6 1.2	2.0 19.3 0.6 1.6 1.3	2.7 19.3 0.6 1.6 1.3	2.2 19.3 0.7 1.6 1.3	5.2 19.5 0.7 1.6 1.3	5.1 19.7 0.7 1.6 1.3	6.1 19.7 0.8 1.6 1.3	4.7 19.7 0.8 1.6 1.3	3.1 20.2 0.8 1.6 1.3	2.7 20.3 0.8 1.6 1.3	2.4 20.3 0.8 1.6 1.3	2.4 20.4 0.8 1.6 1.3	2.3 20.4 0.8 1.6 1.3	2.3 20.4 0.8 1.6 1.3	2.3 20.4 0.8 1.6 1.3	2.3 20.4 0.8 1.6 1.3	2.3 20.4 0.8 1.6 1.3	2.3 20.4 0.8 1.6 1.3	2.3 20.4 0.8 1.6 1.3	2.3 20.4 0.8 1.6 1.3	2.3 20.4 0.8 1.6 1.3	2.3 20.4 0.8 1.6 1.3	2.3 20.4 0.8 1.6 1.3	2.3 20.4 0.8 1.6 1.3	2.3 20.4 0.8 1.6 1.3	2.3 20.4 0.8 1.6 1.3	2.3 20.4 0.8 1.6 1.3	2.3 20.4 0.8 1.6 1.3	2.3 20.4 0.8 1.6 1.3	2.3 20.4 0.8 1.6 1.3	2.3 20.4 0.8 1.6 1.3	2.3 20.4 0.8 1.6 1.3	2.3 20.4 0.8 1.6 1.3	2.3 20.4 0.8 1.6 1.3	2.3 20.4 0.8 1.6 1.3		
MISSISSIPPI HELGA ARLON AS C...	44 44	3.5 1.4	3.6 2.4	3.6 2.3	3.4 2.3	3.5 2.4	4.1 2.3	5.0 2.7	5.8 3.5	7.8 4.4	10.4 5.9	12.1 7.9	13.0 9.1	13.3 10.8	13.6 11.2	13.4 14.4	11.4 11.5	11.8 10.6	11.5 10.2	11.7 10.0	11.2 9.9	11.4 9.8	13.0 10.1	15.1 11.1	16.5 12.3	17.0 13.8	17.0 14.0	17.0 14.0	17.0 14.0	17.0 14.0	17.0 14.0	17.0 14.0	17.0 14.0	17.0 14.0	17.0 14.0	17.0 14.0	17.0 14.0	17.0 14.0

The following reference notes apply only to Table 7 - Daily River Stages:

Readings are made at approximately 7 a.m. (local time). They are provisional and subject to corrections. Flood and corrected stages will be published in the annual publication "Daily River Stages - Principal Rivers of the United States".

- a Obstructed by rough ice.
- b Froze but open at gage.
- c Upper surface of smooth ice.
- d Ice gorge above gage.
- e Ice gorge below gage.
- f Shore ice.
- g Floating ice.
- h Pool stage.
- i Dry at gage.
- j Interpolated.

See Reference Notes Following Station Index

STATION INDEX

ARKANSAS
NOVEMBER 19

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT.		LONG.		ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
				O	I	O	I		ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
ABBOTT	0006	SCOTT	ARKANSAS	35	04	94	12	624	C		7A	7		JAMES V. WILLIAMS	3	
ALICIA	0064	LAWRENCE	WHITE	35	54	91	05	256	C		MID	22		BEN R. BUSH	3 4	
ALPINE	0118	CLARK	OUACHITA	34	16	93	23	-	C		7A	2		MRS. ALTA F. GARNER	3	
ALUM FORK	0130	SALINE	ARKANSAS	34	48	92	52	755	C	5P	5P	11	11	L. R. WATER WORKS	2 3 4 5	
ALY	0136	YELL	OUACHITA	34	47	93	29	850	C		MID		6	MRS. ELVIA LAMB	3 4	
ANTOINE	0178	PIKE	OUACHITA	34	02	93	25	285	C		8A	6		EARNEST F. CARROLL	3	
APLIN	0188	PERRY	ARKANSAS	34	58	92	59	400	C		7A	4		BESSIE L. EDWARDS	3	
APPLETON	0196	POPE	ARKANSAS	35	25	92	53	522	C		MID	8		JOHN A. JONES	3 4	
ARKADELPHIA	0220	CLARK	OUACHITA	34	07	93	03	200	C	7A	7A	52	52	W. H. HALLIBURTON	2 3 4 5 7	
ARKANSAS CITY	0234	OESHA	MISSISSIPPI	33	37	91	12	145	C		8A		58	JOHN W. TRAMMELL	3 7	
ASHDOWN	0286	LITTLE RIVER	REO	33	40	94	08	329	C	8A	8A	4	4	SOUTHWESTERN G & E	2 3 5	
ATHENS	0300	HOWARD	REO	34	19	93	58	960	C		7A		0	ARRA O. PARKER	3	
ATLANTA	0310	COLUMBIA	OUACHITA	33	07	93	02	329	C		MIO		3	MISS EFFIE PERRY	3 4	
AUGUSTA	0326	WOODRUFF	WHITE	35	17	91	22	218	C		7A		13	DAVID G. GRIFFITHS	3 4	
BATESVILLE AIRWAY	0456	INDEPENOECE	WHITE	35	46	91	39	363	C	MID	MIO	40	40	AIRWAY OBSERVER	2 3 5	
BATESVILLE LIVESTOCK	0458	INDEPENOECE	WHITE	35	49	91	47	571	C	9A	9A	7	7	UNIV. OF ARKANSAS	2 3 5	
BATESVILLE L & D 1	0460	INDEPENOECE	WHITE	35	45	91	48	277	C		7A		35	B. M. HUDDLESTON	3 4 7	
BEAR CREEK LAKE	0496	LEE	WHITE	34	43	90	42	220	C		MID		2	SOIL CONSER. SERVICE	3 4	
BEATY LAKE	0512	ST. FRANCIS	WHITE	35	05	90	43	400	C		5P		7	L. G. ADAMSON	3	
BEAVER	0518	CARROLL	WHITE	36	28	93	46	930	C		7A		3	H. E. SKELTON	3 7	
BEE BRANCH	0528	VAN BUREN	ARKANSAS	35	27	92	24	650	C	5P	5P	56	56	MINNIE SCANLAN	2 3 5	
BEEBE	0530	WHITE	WHITE	35	04	91	54	250	C		MIO		3	JR. AG. COLLEGE	3 4	
BEECH GROVE	0534	GREENE	WHITE	36	09	90	38	298	C		8A		7	B. B. HAMMOND	3	
BEEOEVILLE	0536	JACKSON	WHITE	35	26	91	06	221	C		8A		8	P. M. BRECKINRIDGE	3	
BENTON	0582	SALINE	SALINE	34	33	92	37	285	C	7A	7A	19	19	MRS. ETTA C. BURKS	2 3 5 7	
BENTONVILLE	0586	BENTON	ARKANSAS	36	22	94	13	1295	C	8A	8A	42	42	E. L. BROWN	2 3 5	
BERRYVILLE	0616	CARROLL	WHITE	36	22	93	34	1255	C		MIO		5	LUCILLE R. MC WETHY	2 3 4	
BETHESDA	0614	INDEPENOECE	WHITE	35	49	91	47	500	C	8A	8A	8	8	SOIL CONSER. SERVICE	2 3 5 6	
BIG FLAT	0662	BAXTER	WHITE	36	00	92	24	1250	C		7A		2	W. C. NORMAN	3	
BIG FORK	0664	POLK	OUACHITA	34	29	93	58	1100	C		4P		4	ANNA M. LILES	3	
BIG LAKE OUTLET	0676	MISSISSIPPI	ST. FRANCIS	35	51	90	08	239	C		7A		3	N. W. DOUGLAS	3	
BLACK ROCK	0716	LAWRENCE	WHITE	36	07	91	06	259	C		7A		46	J. H. RAGAN	3 7	
BLUE MOUNTAIN DAM	0798	YELL	ARKANSAS	35	06	93	39	-	C		MIO		8	CORPS OF ENGINEERS	3 4	
BLYTHEVILLE	0806	MISSISSIPPI	ST. FRANCIS	35	56	89	55	252	C	7A	7A	22	22	R. E. BLAYLOCK	2 3 5	
BOONEVILLE 3 MI S.W.	0828	LOGAN	ARKANSAS	35	09	93	58	465	C	6P	6P	33	33	NOVA RAE BUROOCK	2 3 4 5	
BOONEVILLE	0830	LOGAN	ARKANSAS	35	09	93	55	511	C		6A		7	CLEO E. YANOELL	3	
BOTKINBURG	0842	VAN BUREN	WHITE	35	39	92	30	1200	C		MID		3	THOMAS M. PEARSON	3 4	
BOUGHTON	0848	NEVADA	OUACHITA	33	52	93	18	235	C		7A		13	MAXINE K. ALLEN	3 7	
BRADFORD	0872	WHITE	WHITE	35	25	91	28	240	C		7A		3	MARSHALL HICKMON	3	
BRINKLEY	0936	MONROE	WHITE	34	54	92	11	205	C	7A	7A	57	57	ROBERT L. GLOVER	2 3 4 5	
BULL SHOALS DAM	1020	BAXTER	WHITE	36	22	92	41	760	C		MIO		1	CORPS OF ENGINEERS	3 4	
BUROETTE	1052	MISSISSIPPI	MISSISSIPPI	35	49	89	56	240	C		6P		4	G. A. HALE	3	
CABOT	1102	LONOKE	WHITE	34	59	92	01	289	C		6P		3	B. M. WALTHER	3	
CALICO ROCK	1132	IZARD	WHITE	36	08	92	08	380	C		7A		43	MRS. M. R. BIGGERS	3 7	
CAMOEN 1	1132	OUACHITA	OUACHITA	33	36	92	49	116	C	7A	7A	58	58	JOHN M. KNIGHT	2 3 5 7	
CAMDEN 2	1154	OUACHITA	OUACHITA	33	35	92	51	155	C		MIO		6	EOLTH Z. LEHMAN	3 4	
CAMP CHAFFEE	1172	SEBASTIAN	ARKANSAS	33	18	94	18	419	C	8A	8A	6	6	U. S. ARMY	2 3 5	
CANAAN	1188	SEARCY	WHITE	35	52	92	44	-	C		MID		8	FRONEY DELL HORTON	3 4	
CARLISLE	1224	LONOKE	ARKANSAS	34	47	91	45	235	C		8A		7	R. W. HOLLIS	3	
CARPENTER DAM	1238	GARLAND	OUACHITA	34	27	93	01	-	C		MID		8	ARK. P. & L. CO.	3 4	
CLARENDON	1442	MONROE	WHITE	34	41	91	18	172	C		7A		44	B. F. NORTHERN	3 7	
CLARKSVILLE	1456	JOHNSON	ARKANSAS	35	29	93	28	370	C		MIO		8	THOMAS L. SMITH	3 4	
CLINTON	1492	VAN BUREN	WHITE	35	35	92	28	510	C		7A		26	EARL B. RIDOLFI	3	
COLD SPRINGS	1520	SCOTT	OUACHITA	34	58	93	54	1250	C		7A		7	MARGARET ZORNES	3	
COMBS	1574	MADISON	WHITE	35	50	93	50	1400	C		MID		8	ROSA J. COMBS	3 4	
COMPTON	1582	NEWTON	WHITE	36	06	93	18	895	C		MIO		5	WILLIAM L. BINAM	3 4	
CONWAY	1596	FAULKNER	ARKANSAS	35	05	92	27	309	C	5P	5P	64	64	G. Y. SHORT	2 3 5	
CORNING	1632	CLAY	WHITE	36	24	90	35	293	C	7A	7A	34	34	MRS. LAURA POLK	2 3 4 5	
COTTER	1640	MARION	WHITE	36	14	92	31	440	C		8A		20	O. B. MC SPADEN	3 7	
COVE	1666	POLK	RED	34	26	94	25	1050	C		7A			WILLIAM M. RAYMOND	3	
CROSSETT	1730	ASHLEY	OUACHITA	33	02	91	56	175	C	5P	5P	25	25	U. S. FOREST SERVICE	2 3 5	
CRYSTAL VALLEY	1750	PULASKI	ARKANSAS	34	42	92	26	350	C		7A		6	VRDA BYRO	3	
CULPEPPER	1756	VAN BUREN	WHITE	35	30	92	33	750	C		7A		4	MRS. LIZZIE THOMPSON	3	
CUMMINS FARM	1768	LINCOLN	ARKANSAS	34	08	91	35	176	C	7P	7P	4	4	T. C. COGBILL	2 3 5	
DAISY	1814	PIKE	OUACHITA	34	14	93	45	629	C		MIO		6	ROBERT T. TEODER	3 4	
DANVILLE	1834	YELL	ARKANSAS	35	03	93	24	370	C		7A		32	J. A. MOUOY	3 7	
DARDANELLE	1838	YELL	ARKANSAS	35	13	93	09	330	C	7A	7A	62	62	GEORGE N. GOOOIER	2 3 5 7	
DE QUEEN	1948	SEVIER	RED	34	02	94	21	126	C	6P	6P	14	14	L. D. MC COWN	2 3 5	
DENVER	1956	CARROLL	WHITE	36	23	93	18	1028	C		MIO		8	CLARENCE E. COLLINS	3 4	
DERMOTT	1960	CHICOT	MISSISSIPPI	33	31	91	26	140	C		7A		8	L. W. WILSON	3	
DES ARC	1968	PRAIRIE	WHITE	34	58	91	30	204	C	7A	7A	12	12	C. J. RISTER	2 3 5	
DEVILS KNOB	1982	JOHNSON	ARKANSAS	35	43	93	24	2350	C	5P	5P	11	11	ARCHIE BRADLEY	2 3 5	
DUMAS 1	2148	DESHA	MISSISSIPPI	33	53	91	30	162	C	7P	7P	41	41	BEN JOHNSON	2 3 5	
DUMAS 2	2150	OESHA	MISSISSIPPI	33	53	91	30	-	C		MID		5	BETTY R. HOLMES	3 4	
DURHAM	2176	WASHINGTON	WHITE	35	57	93	59	1243	C		MID		8	ANNIE A. WHITE	3 4	
EAGLE GAP	2204	SCOTT	ARKANSAS	34	43	94	19	1150	C		8A		21	MRS. MINA C. RABB	3	
EL DORADO	2200	UNION	OUACHITA	33	13	92	40	278	C	7A	7A	47	47	AYLMER H. MC BRIDE	2 3 5	
ELKINS	2315	WASHINGTON	WHITE	36	01	93	64	1364	C	6	6	0	0	HERBERT S. CLARK	2 3 5	
EUREKA SPRINGS	2356	CARROLL	WHITE	36	24	93	45	1865	C	6P	6P	46	46	GEORGE W. NICHOLDS	2 3 5	
EVENING SHOE	2366	SHARP	WHITE	36	05	91	37	490	C		7A		8	OPHA WOLFE	3	
FAYETTEVILLE	2442	WASHINGTON	WHITE	36	05	94	10	1370	C	*7P	7P	10	10	CHARLES F. FORD	2 3 5	
FAYETTEVILLE EXP. STN.	2444	WASHINGTON	WHITE	36	06	94	10	1412	C	5P	5P	60	60	UNIV. OF ARKANSAS	2 3 5	
FORDYCE	2540	OALLAS	OUACHITA	33	42	92	22	280	C	5P	5P	16	16	ARK. FOR. COM.	2 3 5	
FORMAN	2544	LITTLE RIVER	REO	33	43	94	24	400	C		MIO		8	FESLIE P. CALLONS	3 4	
FORESTER	2556	SCOTT	ARKANSAS	34	46	93	49	650	C		7A		7	A. L. MC CRAW	3	
FORT CITY	2564	ST. FRANCIS	ST. FRANCIS	35	02	90	46	260	C		MID		8	THOMAS A. MOORE	3 4	
FORT SMITH WB AP	2574</															

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STATION	INDEX NO.	COUNTY	DRAINAGE	LAT.		LONG.		ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
				O	I	O	I		ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
FULTON	2670	HEMPSTEAD	RED	33	37	93	48	260	C		8A	62		INA J. LOGAN	3 7	
GARLAND	2710	MILLER	RED	33	21	93	42	250	C		7A	4		L. D. DENNEY	3	
GEORGETOWN	2760	WHITE	WHITE	35	07	91	26	200	C		7A	35		J. S. MC DONALD	3 7	
GILBERT	2794	SEARCY	WHITE	35	59	92	43	1325	C	7A	8A	22	22	PAUL M. JORDAN	2 3 4 5 7	
GLENWOOD	2842	PIKE	OUACHITA	34	20	93	33	547	C		7A	22	13	CHARLES A. PRICE	3 7	
GRANNIS	2908	POLK	RED	34	14	94	20	920	C	7A	7A	22	22	W. E. MC VAY	2 3 5	
GRAVELLY	2922	YELL	ARKANSAS	34	53	93	41	498	C		7A	8		HAROLD L. FRIZZELL	3	
GRAVETTE	2930	BENTON	ARKANSAS	36	36	94	32	1250	C	6P	6P	50	50	J. A. SCHMIDT	2 3 5	
GREEN FOREST	2946	CARROLL	WHITE	36	20	93	26	1350	C		7A	8		OBED B. WILSON	3	
GREEN MOUNTAIN	2952	STONE	WHITE	36	02	92	12	1100	C	5P	5P	10	10	U. S. FOREST SERVICE	2 3 5	
GREENBRIER	2962	FAULKNER	ARKANSAS	35	14	92	14	360	C		7A	5		J. O. CANTRELL	3	
GREENWOOD	2976	SEBASTIAN	ARKANSAS	35	13	94	15	518	C		7A	8		DOROTHY M. BEEN	3	
GURDON	3074	CLARK	OUACHITA	33	54	93	09	210	C		7A	0		ROY S. ROBBS	3	
HAMPTON	3098	CALHOUN	OUACHITA	33	32	92	28	202	C		7A	3		BILL S. WATSON	3	
HARDY	3132	SHARP	WHITE	36	19	91	29	362	C		MID	8		T. B. DONALDSON	3 4	
HARRISBURG	3160	POINSETT	ST. FRANCIS	35	34	90	44	280	C		MID	7		JOHN D. MAY	3 4	
HARRISON	3164	BOONE	WHITE	36	14	93	07	1052	C	6P	6P	47	47	R. C. BEENE	2 3 4 5	
HEBER SPRINGS 3 MI. S.W.	3230	CLEBURNE	WHITE	35	28	92	03	-	C		MID	6		WAYNE STARK	3 4	
HECTOR	3235	POPE	ARKANSAS	35	28	92	58	555	C		7A	0		NETTIE R. ALTER	3	
HELENA	3242	PHILLIPS	MISSISSIPPI	34	32	90	35	200	C	7A	7A	75	75	JAMES A. BURNETT	2 3 5 7	
HENGERSON	3258	BAXTER	WHITE	36	22	92	14	498	C		6P	7		DAISY A. PORTER	3	
HILLEMANN	3354	WOODRUFF	WHITE	35	08	91	05	251	C		6P	5		JOHN B. MAULDIN	3	
HOPE	3428	HEMPSTEAD	RED	33	43	93	33	375	C	7A	7A	77	77	UNIV. OF ARKANSAS	2 3 5 6	
HOPPER	3438	MONTGOMERY	OUACHITA	34	22	93	41	700	C		6A	0		MRS. LONA A. SHIELDS	3	
HORATIO	3442	SEVIER	RED	33	56	94	22	337	C		7A	2		ELIZABETH W. FRIDAY	3	
HOT SPRINGS NATL. PARK	3466	GARLAND	OUACHITA	34	31	93	03	630	C	7A	7A	55	55	NATIONAL PARK SERVICE	2 3 5	
HUNTSVILLE	3540	MADISON	WHITE	36	05	93	44	1453	C		MID	8		MRS. MAY P. MARKELY	3 4	
HUTTIG DAM	3556	UNION	OUACHITA	33	02	92	05	60	C		8A	4		CORPS OF ENGINEERS	3	
ICELEDO	3570	NEWTON	WHITE	35	52	92	59	1365	C		5P	4		LOY E. HILL	3	
INDEX	3584	LITTLE RIVER	RED	33	35	94	03	300	C		8A	23		W. E. MC DOWELL	3 7	
JASPER	3600	NEWTON	WHITE	36	01	93	11	857	C		7A	52		MRS. LETTIE D. OAVIS	3	
JONESBORO	3734	CRAIGHEAD	WHITE	35	50	90	42	345	C	7P	7P	52	52	BENEDICTINE SISTERS	2 3 5	
KEO	3862	LONOKE	ARKANSAS	34	36	92	00	230	C		7A	5		R. A. WALLER	2 3 5	
KINGSLAND	3904	CLEVELAND	OUACHITA	33	50	92	16	214	C		MID	5		CLAUDIE W. HUNTER	3 4	
LAKE CITY	3998	CRAIGHEAD	ST. FRANCIS	35	49	90	26	230	C		4P	8		TRESSA ST. CLAIR	3	
LAKE LEATHERWOOD	4006	CARROLL	WHITE	36	27	93	46	-	C		MID	3		CECIL E. HULL	3 4	
LANGLEY	4060	PIKE	OUACHITA	34	19	93	50	-	C		7P	4		MRS. J. A. GUY	3	
LEAD HILL	4106	BOONE	WHITE	36	24	92	54	650	C	7P	7P	42	42	F. W. KELLOGG	2 3 5	
LEE CREEK	4116	CRAWFORD	ARKANSAS	35	42	94	19	1000	C		7A	2		ORPHA W. COOKSEY	3	
LEOLA	4134	GRANT	OUACHITA	34	10	92	35	261	C		7A	5		J. R. RHODES	3	
LITTLE ROCK WB AIRPORT	4248	PULASKI	ARKANSAS	34	44	92	14	257	C	MID	MID	68	68	U. S. WEATHER BUREAU	2 3 4 5 7	
LITTLE ROCK FILT. PLANT	4250	PULASKI	ARKANSAS	34	46	92	19	512	C		MID	3		L. R. WATER WORKS	3	
LOCK AND DAM NO. 3	4256	INDEPENDENCE	WHITE	35	51	91	51	370	C		7A	4		ED ANSEL	3	
LOST CORNERS	4324	POPE	WHITE	35	54	92	50	1550	C		7A	3		CATH. T. RUSSELL	3	
LOUANN	4332	OUACHITA	OUACHITA	33	24	92	48	132	C		6P	4		CHARLES S. CURRAN	3	
LURTON	4386	NEWTON	WHITE	35	46	93	05	2007	C		8A	51		I. C. SUTTON	3	
LUTHERVILLE	4390	JOHNSON	ARKANSAS	35	29	93	15	775	C	6P	6P	17		MRS. H. G. LENHARDT	2 3 5	
MADISON	4528	ST. FRANCIS	ST. FRANCIS	35	00	90	43	215	C		7A	31		J. W. EPPES	3 7	
MAGNOLIA	4548	COLUMBIA	RED	33	17	93	14	315	C	6P	6P	31	31	STATE AGRI. SCHOOL	2 3 4 5	
MALVERN	4562	HOT SPRINGS	OUACHITA	34	22	92	49	311	C		8A	52		JODIE W. MC MULLEN	3	
MAMMOTH SPRING	4572	FULTON	WHITE	36	29	91	32	600	C	8A	8A	43	43	CATHERINE S. COX	2 3 5	
MARIANNA	4638	LEE	ST. FRANCIS	34	44	90	49	234	C	8A	8A	36	36	UNIV. OF ARKANSAS	2 3 4 5	
MARKED TREE	4654	POINSETT	ST. FRANCIS	35	32	90	25	229	C	7A	7A	43	43	MR. WILLIAM M. CRICK	2 3 5 7	
MARSHALL	4666	SEARCY	WHITE	35	55	92	43	1050	C	6P	6P	29	29	MRS. MINNIE HORTON	2 3 5	
MARVELL	4678	PHILLIPS	WHITE	34	33	90	55	195	C		8A	29		J. O. OWRIE	3	
MAUMEE	4696	SEARCY	WHITE	36	03	92	39	749	C		MID	8		NADINE F. DAVENPORT	3 4	
MELBOURNE	4746	IZARD	WHITE	36	04	91	54	610	C		7A	3		WALTER E. HALL	3	
MENA	4756	POLK	OUACHITA	34	35	94	15	1207	C	7A	7A	59	59	E. W. ST. JOHN	2 3 4 5	
MONTICELLO	4900	DREW	OUACHITA	33	35	91	50	250	C	MID	MID	7	7	AIRWAY OBSERVER	2 3 4 5	
MONTROSE	4906	ASHLEY	OUACHITA	33	18	91	29	125	C		MID	5		JAMES L. ALBROOK	3 4	
MOROBAY LOCK AND DAM	4934	CALHOUN	OUACHITA	33	19	92	27	85	C		6P	8		CORPS OF ENGINEERS	3 4	
MORRILTON	4938	CONWAY	ARKANSAS	35	08	92	44	328	C	7A	7A	31	31	L. A. DICUS	2 3 5 7	
MOUNT IDA 1	4988	MONTGOMERY	OUACHITA	34	33	93	37	702	C	6P	6P	48	48	J. S. WHITTINGTON	2 3 5	
MOUNT IDA 2	4990	MONTGOMERY	OUACHITA	34	33	93	37	-	C		MID	4		JOHN WALLBRITTON	3 4	
MOUNTAIN HOME	5036	BAXTER	WHITE	36	20	92	30	800	C	7P	7P	35	35	H. N. HALBERT	2 3 4 5	
MOUNTAIN VIEW	5046	STONE	WHITE	35	52	92	07	768	C		7A	8		W. D. WORTHINGTON	3	
MOUNTAINBURG	5056	CRAWFORD	ARKANSAS	35	38	94	10	736	C		6P	10		C. A. LOVELL	3	
MULBERRY	5072	FRANKLIN	ARKANSAS	35	34	94	01	500	C		7A	8		HENRY G. ARVIN	3	
MURFREESBORO	5078	PIKE	OUACHITA	34	04	93	41	367	C		MID	8		ERNEST J. BABBITT	3 4	
NASHVILLE	5112	HOWARD	RED	33	58	93	51	350	C	7P	7P	9	9	BRICE CARRUTH	2 3 5	
NASHVILLE S C S	5114	HOWARD	RED	33	57	93	51	373	C		MID	4		SOIL CONSER. SERVICE	3 4	
NEWHOPE	5174	PIKE	OUACHITA	34	14	93	50	850	C		7A	8		FLOYD WORD	3	
NEWPORT	5186	JACKSON	WHITE	35	36	91	17	225	C	7A	7A	64	64	WILLIS T. MOYER	2 3 5 7	
NIMROO DAM	5200	PERRY	ARKANSAS	34	57	93	10	470	C	8A	8A	6	6	CORPS OF ENGINEERS	2 3 4 5 6	
NORFORK DAM	5228	BAXTER	WHITE	36	15	92	15	425	C		8A	2		CORPS OF ENGINEERS	2 3 4 5 6	
ODELL	5354	WASHINGTON	ARKANSAS	35	48	94	24	1500	C		7A	20		MRS. RENZO HURST	3	
ODEN	5358	MONTGOMERY	OUACHITA	34	38	93	48	800	C		MID	19		U. S. FOREST SERVICE	3	
OKAY	5376	HOWARD	RED	33	44	93	56	300	C	5P	5P	19	19	J. T. HARGIS	2 3 5	
OSCEOLA	5480	MISSISSIPPI	MISSISSIPPI	35	43	89	58	250	C		8A	47		C. E. CARTER	3	
OWENSVILLE	5498	SALINE	OUACHITA	34	27	92	49	500	C		8A	4		GUY COOK	3	
OZARK	5508	FRANKLIN	ARKANSAS	35	29	93	50	396	C	6A	6A	52	52	ORKNEY O. MILTON	2 3 5 7	
PARAGOULD	5562	GREEN	ST. FRANCIS	36	04	90	29	275	C	4P	4P	24	24	KOPS	2 3 5	
PARKIN	5586	CROSS	ST. FRANCIS	35	16	90	35	222	C		7A	17		CARROLL KING	3 7	
PERRYVILLE	5694	PERRY	ARKANSAS	35	00	92	49	325	C	6P	6P	8	8	PAULINE BENNETT	2 3 5	
PINE BLUFF	5754	JEFFERSON	ARKANSAS	34	12	92	00	215	C	7A	7A	60	60	MARY T. SCHEU	2 3 5 7	
PINE BLUFF CAA	5756	JEFFERSON	ARKANSAS	34	10	91	56	215	C	MID	MID	23		CAA	3 4	
PINE RIGOE	5760	MONTGOMERY	OUACHITA	34	35	93	54	840</								

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				O	'	O	'		ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
				7		7										
BOSSARD	5908	NEVADA	OUACHITA	33	48	93	23	318	C	7A	7A	59	59	R. P. HAMBY	2 3 5	
BRADLEY	5920	NEVADA	OUACHITA	33	48	93	23	-	C	M10	MID	7	7	W. L. MC LEAN	3 4	
CLAY	5970	MARION	WHITE	36	16	92	51	800	C	MID	MID	6	6	ONA V. MC LEAN	3	
FRANKLIN	6008	LOGAN	ARKANSAS	35	14	93	53	463	C	7A	7A	3	3	LULA MAE WEEKS	3	
MILLER	6026	MILLER	RED	33	04	94	02	250	C	MID	MID	8	8	ARNICE O. TAYLO	3 4	
WALTON	6078	MADISON	WHITE	35	51	93	31	2250	C	7A	7A	5	5	ORVAL F. CALLOWAY	CLOSED 10/4/51	
EMMEL DAM	6102	HOT SPRING	OUACHITA	34	26	92	54	-	C	M10	M10	8	8	ARK. P. & L. CO.	3 4	
WILSON	6174	CLEVELAND	OUACHITA	33	48	92	11	231	C	8A	8A	32	32	J. H. YANEY	3	
BUCKHOUSE	6214	MAOISON	WHITE	36	17	93	40	1214	C	7A	7A	2	2	CLAUDE D. SISCO	3	
ROGERS	6248	BENTON	WHITE	36	15	94	02	1387	C	6P	6P	57	57	HOWARD FLOWER	2 3 5	
JESSIEVILLE	6352	POPE	ARKANSAS	35	18	93	08	360	C	5P	5P	35	35	U. S. FOREST SERVICE	2 3 5 6	
SAINT CHARLES	6376	ARKANSAS	WHITE	34	23	91	08	200	C	8A	8A	14	14	U. S. BIOL. SURVEY	2 3 5	
SAINT FRANCIS	6380	CLAY	ST. FRANCIS	36	27	90	08	300	C	7A	7A	20	20	WILLIAM S. BUCKLEY	3 7	
SAINT FRANCIS LAKE	6382	CLAY	ST. FRANCIS	36	27	90	08	300	C	7A	7A	20	20	CHARLES W. WALTON	7	
SEARCY	6506	WH TE	WHITE	35	15	91	44	245	C	7P	7P	37	37	ARTHUR D. SMITH	2 3 5	
SHERIDAN	6566	GRANT	OUACHITA	34	27	92	21	290	C	6P	6P	7	7	ARK. FORESTRY COM.	2 3 5	
SHIRLEY	6586	VAN BUREN	WHITE	35	38	92	17	600	C	6P	6P	8	8	MAUD H. BRAOFORO	3	
SILGOM SPRINGS	6624	BENTON	WHITE	36	11	94	33	1150	C	6P	6P	7	7	JOHN BROWN UNIVERSITY	2 3 5	
SMITHVILLE	6698	LAWRENCE	WHITE	36	05	91	18	450	C	MID	MID	2	2	NORA F. RUOY	3 4	
STAR CITY	6820	LINCOLN	OUACHITA	33	57	91	50	250	C	2P	2P	5	5	R. A. GOYEN	3	
STEVE	6856	YELL	ARKANSAS	34	53	93	19	682	C	7A	7A	4	4	T. P. SIMS	3	
STORY	6890	MONTGOMERY	OUACHITA	34	42	93	31	650	C	7A	7A	23	23	S. C. STORY	3	
STUTT GART	6918	ARKANSAS	ARKANSAS	34	29	91	32	214	C	7A	7A	60	60	GEORGE L. CLARK	2 3 5	
STUTT GART 9 MI. ESE.	6920	ARKANSAS	ARKANSAS	34	28	91	25	198	C	7A	7A	12	12	UNIV. OF ARKANSAS	2 3 4 5 6	
SUBIACO	6928	LOGAN	ARKANSAS	35	18	93	39	500	C	7P	7P	49	49	NEW SUBIACO ABBEY	2 3 5	
SUGAR GROVE	6940	LOGAN	ARKANSAS	35	04	93	48	500	C	9A	9A	8	8	G. R. FENNELL	3	
SUGAR LOAF MOUNTAIN	6944	CLEBURNE	WHITE	35	29	91	58	300	C	7A	7A	3	3	SANFREQO REYNOLDS	3	
TAYLOR	7038	COLUMBIA	REO	33	06	93	27	247	C	6P	6P	5	5	YANCY M. NORWOOD	3	
TEXARKANA WB AIRPORT	7048	MILLER	REO	33	27	94	00	368	C	MID	M10	63	63	U. S. WEATHER BUREAU	2 3 4 5	
TINSMAN	7118	CALHOUN	OUACHITA	33	38	92	21	170	C	7A	7A	5	5	HENRY S. SPEER	3	
TURNPIKE	7262	POPE	ARKANSAS	35	40	93	05	2087	C	6P	6P	23	23	U. S. FOREST SERVICE	2 3 5	
VAN BUREN	7370	CRAWFORD	ARKANSAS	35	26	94	21	-	C					BEN CORNELUS	7	
VICK	7420	BRADLEY	OUACHITA	33	19	92	09	115	C	6P	6P	6	6	WILLARD K. SHARP	3	
VIOLA	7450	FULTON	WHITE	36	24	91	59	692	C	7A	7A	7	7	A. F. KING	3	
WALDRON	7488	SCOTT	ARKANSAS	34	54	94	06	675	C	5P	5P	28	28	WILLIAM D. BIVENS	2 3 4 5	
WALNUT GROVE	7524	INDEPENDENCE	WHITE	35	51	91	21	250	C	6P	6P	7	7	A. H. FAST	3	
WARREN	7582	BRAOLEY	OUACHITA	33	36	92	04	206	C	6P	6P	53	53	C. N. TURNER	2 3 5	
WEDDINGTON LAKE	7638	WASHINGTON	ARKANSAS	36	06	94	23	1150	C	MID	MID	3	3	HARRY E. BIRKINSHA	3 4	
WEST FORK	7691	WASHINGTON	WHITE	35	55	94	11	1340	C	MID	MID	8	8	MRS. N. C. THRELKELO	3 4	
WHEELING	7744	FULTON	WHITE	36	19	91	52	680	C	M10	M10	8	8	THOMAS W. CONE	3 4	
WHITECLIFF	7812	LITTLE RIVER	RED	33	48	94	03	290	C	7A	7A	11	11	L. M. SNEAO	3 7	
WHITE ROCK	7772	FRANKLIN	ARKANSAS	35	41	93	57	2285	C	5P	5P	11	11	U. S. FOREST SERVICE	2 3 5	
WILSON	7912	MISSISSIPPI	MISSISSIPPI	35	34	90	02	237	C	7A	7A	22	22	O. O. ANGERSON	2 3 5	
WINFREY	7936	CRAWFORD	ARKANSAS	35	44	94	06	1152	C	M10	M10	8	8	CLYDE F. MEADORS	3 4	
WING	7950	YELL	ARKANSAS	34	57	93	28	350	C	M10	M10	5	5	MILES B. TURNER	3 4	
WYNN	8052	CROSS	ST. FRANCIS	35	13	90	46	260	C	6P	6P	39	39	P. G. QUEENSBERY	2 3 5	
YELLVILLE	8084	MARION	WHITE	36	13	92	41	900	C	7A	7A	3	3	L. E. JOHNSON	3	
NAHAN	5158	HOWARD	OUACHITA	34	07	93	52	550	C	7A	7A	0	0	EONA J. WESTFALL	3	
PARTHENON	5602	NEWTON	ARKANSAS	35	57	93	15	925	C	M10	M10	-	-	ARTHUR B. CARLTON	3 4	
BLUFF CITY	0800	NEVADA	OUACHITA	33	41	93	09	360	C	7A	7A	8	8	R. P. PLYLER	3	
JESSIEVILLE	3704	SARLAND	OUACHITA	33	42	93	44	730	C	7A	7A	9	9	MRS. VELMA R. OUNN	3	
SPARKMAN	6768	DALLAS	OUACHITA	33	55	92	48	260	C	6P	6P	5	5	MRS. RACHEL M. BUTLER	3	
MOUNT MAZAZIS	-	LOGAN	ARKANSAS	35	10	93	41	2800	C	7P	7P	0	0	U. S. FOREST SERVICE	2 3 5	
BUFFALO TOWER	3010	-	-	33	52	93	30	-	C	7A	7A	-	-	MISS BEULAH FRIENO	3	
RISERID	0488	-	-	37	20	92	44	-	C	6P	6P	-	-	MR. HARDEN L. LILES	3	

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

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

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

Data in Tables 3, 5 and 8 are for the 24 hours ending at time of observation. See the Station Index for observation time.

When hourly precipitation is missing for several days, only the first and last days are shown in Table 4.

When hourly precipitation is accumulated over a period of 3 or more calendar days, with unknown hourly or daily distribution, the first and last days are shown in Table 4.

- + No record.
- * And also on later dates.
- ** Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- ^ Precipitation measured at 6-hourly intervals, no recording gage.
- AR This entry in time of observation column in Station Index means "after rain".
- ⊖ Adjusted to a full month.
- ≡ Water-equivalent wholly or partially estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record.
- R Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.
- T Trace, an amount too small to measure.
- 2 Hourly amounts from recording gage at the same site may be found in Table 4.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, river stages in feet, and wind movement in miles.

Data in Table 4 were formerly published in the Hydrologic Bulletin for Lower Mississippi - West Gulf. Amounts in this table are from recording gages. Traces are not shown.

Subscription Price: 35 cents per copy; \$1.50 a year (Yearly subscription includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, Room 9 - U. S. Court House, Fort Worth 2, Texas.

U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS

DECEMBER 1948

Volume LIII No. 12



Walter C. Hickmon, Section Director - Little Rock

GENERAL SUMMARY

Mild weather characterized most of the month of December in Arkansas, and near-normal precipitation was fairly evenly distributed throughout the month. The Black River at Black Rock and the Lower White were moderately high around the 15th and during the latter half of the month, but no flooding occurred. Except for interruption by showers, the weather during the month was favorable for outdoor work.

Near-normal temperatures prevailed during the first decade; but from the 12th to the 16th warm weather over-spread the state, with record, or near-record, high readings occurring at most stations. Following this warm wave, which brought temperatures in the 80's in the southern counties and readings to the upper 70's to the northern border, there was a reaction to colder weather, the lowest in the state occurring about the 26th.

During the period from the 7th to the 13th, and from the 20th to the 23rd, rainfall was very light and widely scattered, enabling farmers to do some breaking. The remnant of a record-breaking cotton crop was partially picked, but considerable cotton damaged in the fields as frequent showers prevented picking. Rice threshing was completed at the close of the month. Strawberry fields made good growth and winter grains and cover crops were in good condition.

TEMPERATURE

The mean temperature for the month of December was 44.3° which is 1.5° above normal. Monthly means ranged from 51.3° at Magnolia, to 36.1° at Green Mountain, a difference of 15.2° between the Ozarks in the northwest and the southern border of the state. Extremes ranged from 83° at El Dorado on the 13th to 8° at the Batesville Livestock Station on the 26th. Extremes occurred on approximately these dates in most sections of the state.

PRECIPITATION

The average precipitation in December was 4.03 inches, which is only 0.20 inch less than normal. Monthly totals ranged from 8.18 inches at Paragould to 1.41 inches at Dumas. The heavier totals occurred in northeastern counties, while the lighter amounts were in the southern and southeastern counties. There were eleven stations with a trace of snow, but all measurable amounts of precipitation fell as rain. The greatest amount for any day was 4.68 inches at Conway on the 15th. The average number of days with 0.01 inch or more of precipitation was eight.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ARKANSAS
DECEMBER 1948

Station	Sea level pressure extremes—inches				Wind speed—m. p. h.				Relative humidity averages—percent				Sunshine	
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1:30 a. E. S. T.	7:30 a. E. S. T.	1:30 p. E. S. T.	7:30 a. E. S. T.	Percent of possible	Degree days 65° base
ORT SMITH WB AP	30.65	26	29.50	5	9.1	34	W	5	73	77	57	61	54	653
LITTLE ROCK WB AP	30.79	26	29.63	5	9.2	27	NW	16	75	81	65	68	41	599
EXARKANA WB AP	30.67	26	29.68	5	-	39	WNW	5	-	76	54	62	16	499

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1931	46.9	72	13	4.69	-	7	1911	43.0	78	3	7.00	1.0	12	1931	48.7	78	17	7.79	T.	14
1932	40.9	83	-10	8.79	0.7	10	1912	41.7	76	8	2.63	1.2	7	1932	39.9	79	-5	7.86	3.6	12
1933	45.4	79	3	1.83	T.	5	1913	43.6	77	14	3.26	2.3	9	1933	49.3	83	11	5.41	0.1	7
1934	44.6	82	-11	3.48	1.3	6	1914	36.1	70	-11	6.26	4.3	12	1934	41.5	74	4	3.78	0.2	9
1935	43.8	78	5	3.96	1.4	7	1915	43.9	78	11	4.73	0.3	7	1935	37.6	73	-4	2.95	2.8	5
1936	45.8	81	8	0.84	T.	8	1916	42.1	82	-16	3.35	4.5	6	1936	45.5	78	13	5.32	T.	9
1937	40.3	81	10	6.00	2.2	8	1917	34.8	81	-21	1.29	6.2	3	1937	42.2	78	0	4.61	0.1	11
1938	39.5	76	-4	1.87	2.9	5	1918	47.6	88	9	5.62	0.2	7	1938	44.6	74	6	2.93	T.	7
1939	41.0	74	8	4.08	1.3	7	1919	40.4	78	1	1.94	T.	5	1939	45.5	84	5	2.46	1.4	5
1940	44.9	82	10	2.76	T.	5	1920	43.2	74	6	5.95	0.4	8	1940	46.7	77	14	3.90	T.	9
1941	38.5	87	-6	4.42	1.3	6	1921	47.1	82	11	2.78	T.	6	1941	44.7	80	14	3.67	0.3	7
1942	40.8	75	5	5.71	3.3	8	1922	47.8	86	12	4.59	T.	9	1942	42.7	80	16	4.87	0.6	10
1943	39.7	74	6	3.44	0.7	6	1923	49.1	80	9	6.24	T.	13	1943	40.7	82	-5	3.43	0.7	7
1944	42.9	80	3	5.10	0.6	7	1924	41.4	86	-8	3.65	0.3	6	1944	38.0	76	4	7.86	0.4	11
1945	38.5	69	7	4.96	1.4	9	1925	40.2	81	-6	1.71	0.3	3	1945	37.7	79	-12	2.25	2.1	7
1946	46.5	83	10	5.64	0.2	8	1926	43.3	79	-3	7.15	2.1	10	1946	48.3	81	4	4.18	0.6	6
1947	44.4	85	11	2.70	0.7	7	1927	40.9	84	-2	4.18	0.1	6	1947	44.2	78	10	4.22	0.2	6
1948	46.0	82	11	1.50	0.2	5	1928	43.4	87	10	4.41	T.	6	1948	44.3	83	8	4.03	T.	8
1949	35.3	82	1	5.26	3.2	9	1929	44.4	82	-5	3.84	2.7	8							
1950	40.8	75	9	3.57	0.8	6	1930	40.6	83	9	2.58	0.9	6	PERIOD	42.8	88	-21	4.23	1.1	8

CLIMATOLOGICAL DATA

Table 2

Station	Temperature								Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
							Max 90° or above	Min. 32° or below					Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
ALUM FURN	45.0	1.2	75	13	19	26+	0	15	5.83	- 2.01	3.21	15	.0			9	6	1
ARKADIEPH A	45.7	1.2	80	14	19	31	0	16	4.11	- 0.93	1.50	16	.0			8	4	0
ASHDOWN	46.5M		80	13	18	30	0	16	2.44		.89	28	.0			10	3	3
BATESVILLE AIRWAY	43.2	2.5	74	12	15	26	0	14	5.36		1.50	15	.0			9	4	3
BATESVILLE LIVESTOCK	41.7		74	13	8	26	0	18	5.98		2.34	15	.0			10		
BEE BRANCH	43.0	1.0	75	15	17	26	0	17	6.33	2.20			.0			6		
BENTON	43.6	1.6	78	14	15	31	0	18	2.62		.96	29	.0			7	3	0
BENTONVILLE	40.2	1.4	76	14+	13	30	0	25	3.30	0.84	1.66	15	.0	T	1+	7		1
BETHESDA	42.0		74	13+	12	26	0	17	5.94				.0			7		
BLYTHEVILLE	44.0	2.1	76	14	18	26	0	16	5.94	- 1.63	2.12	17	.0			11		2
CAMDEN 1	47.5	2.2	82	14	20	31	0	14	3.15	- 1.85	.85	29	.0			8	5	0
CAMP CHAFFEE	42.8M		81	14	12	30	0		3.38		2.77	15	.0			6	2	1
CONWAY	45.4	2.4	77	13	20	26+	0	12	6.23	1.92	4.68	15	.0			11		1
CORNING	41.9	2.0	74	13	15	26	0	17	6.36	2.67	2.78	15	.0			8	5	3
CROSSETT	49.5	2.9	76	15	17	31	0	11	2.97	- 2.52	1.25	16	.0			7	2	2
CUMMINS FARM	46.2		79	13	20	26	0	13	3.77		1.03	29	.0			8	5	1
CARDANVILLE	42.3	- 0.5	79	14	20	31	0	19	3.88	- 0.34	1.92	15	.0			7	3	2
DE QUEEN	43.9	- 1.3	78	13	18	31	0	19	2.85	- 1.04	1.50	14	.0			5	3	1
DES ARC	44.3		77	14	20	26	0	17	3.20		1.20	29	.0			9	4	1
DEVILS KNOB	40.4M																	
DOMAS 1	48.5	2.2	80	13	22	31	0	12	1.41	- 4.63	.52	16	.0			8	2	0
EL DORADO	48.9	1.9	83	14	23	31	0	16	2.68	- 3.78	1.03	29	.0			8	3	1
EVREKA SPRINGS	42.1	2.0	77	13	13	30	0	18	3.42	0.44	1.60	14	.0			5	4	2
FAYETTEVILLE	43.1		75	13+	15	30	0	15	4.38		2.56	14	.T	T		6	4	1
FAYETTEVILLE EX S	42.7	2.6	76	13	14	30	0	16	3.83	- 1.05	2.03	14	.T	T	26	7	4	1
FORDYCE	50.2M	4.3	80	13	24	30	0	11	3.62	- 1.36	1.18	29	.0			8	5	1
FORT SMITH WB AIRPORT	43.8	2.0	80	13	20	10	0	15	3.74	0.98	2.09	14	.0			5	4	1
GILBERT	38.6		78	14	10	31	0	28	4.27	0.95	2.15	15	.T			4	3	2
GRAHNS	43.8	- 0.7	77	13	21	29	0	15	4.25	- 0.73	2.35	15	.0			10	1	1
GRAVETTE	42.1	3.6	77	15	12	30	0	21	3.35	0.97	2.10	14	.0			5	1	1
GREEN MOUNTAIN	36.1M				12	26		24	4.54		1.59	15	.0			5	5	2
HARRISON	41.0M	2.4	78	15	13	26	0	21	3.34	0.85	1.63	15	.0			6	2	2
HARRISON CAA	40.2		78	15	14	26+	0	20	3.53		1.76	14	.T	T	1	8	4	1
HELENA	46.1M	1.9	73	16	23	26+	0	13	3.98	- 1.50	1.65	16	.0			8	4	1
HOPE	47.2	0.4	80	14	22	31	0	15	4.12	- 0.52	1.70	16	.0			7	4	1
HOT SPRINGS	47.2	2.8	79	12	21	26	0	11	3.80	- 0.83	1.66	15	.0			11	3	1
JONESBORO	42.3	1.0	72	12+	16	26+	0	16	6.63	2.25	2.95	16	.0			10	4	3
KEO	46.6		80	13	21	26	0	13	2.52		.78	15	.0			9	4	0
LEAD HILL	40.3	0.9	79	13	11	26	0	21	3.68	- 0.68	1.52	14	.T			7		
LITTLE ROCK WB AP	45.9	1.7	78	13	21	26	0	12	2.70	- 1.44	1.04	28	.T			8	4	1
LUTHERVILLE	45.3	3.7	78	13	18	26	0	13	5.32	1.14	1.61	15	.0			9	4	3
MAGNOLIA	51.3	2.4	83	13	22	31	0	9	2.25	- 3.49	.96	29	.0			6	3	0
MALVERN	46.2		79	14	19	31	0	15	2.70		.99	30	.0			8	3	0
MAMMOTH SPRING	41.3M	2.0	77	15	11	26	0		4.80	1.53	2.30	15	.0			5	3	0
MARIANNA	46.1	2.2	75	13	18	31	0	15	2.84	- 1.79	.87	29	.0			5	3	3
MARKED TREE	43.6	2.9	77	14	18	26+	0	16	3.66	- 0.88	1.66	16	.0			7	2	2
MARSHALL	42.2	1.0	77	13	15	26	0	20	4.83	- 1.10	1.50	24	.0			7	5	2
MENA	44.9	2.1	76	13	20	30	0	12	3.87	- 0.12	1.81	15	.T			7	4	2
MORRILTON	43.3	- 0.3	76	13+	20	27	0	16	4.88	0.84	2.12	16	.0			6	4	2
MOUNT IOA 1	45.2M	2.2	76	13	15	8+	0		5.77	1.44	3.62	15	.0			7	5	1
MOUNT MAGAZINE	40.4		70	13	10	30	0	16	2.67		1.04	15	.0			7	4	1
MOUNTAIN HOME	41.1	1.2	75	13	12	26	0	19	5.40	1.86	2.70	14	.0			7	5	2
NASHVILLE	46.3M		80	14	20	31	0	15	2.83		.98	16	.T			7	3	0
NEWPORT	44.4	2.2	75	12	18	26	0	15	4.77	0.67	2.18	16	.0			9	4	2
NIMROD DAM	42.8		77	13	16	31	0	18	3.80		1.72	15	.0			5	3	2
NORFORK DAM	40.3		76	14	13	8+	0	22	4.50		2.65	15	.0			8	5	1
ODEN	45.4M		76	13	20	10+	0		3.35	- 0.88	1.47	14	.T			5	5	1
OKAY	48.3M	1.7			20	31	0	16	2.11	- 3.04	.65	15	.0			9	2	2
OZARK	42.1	0.3	80	14	19	31	0	15	5.25	1.85	3.15	15	.0			6	4	0
PARAGOULD	43.7		72	13	16	26	0	12	8.18	3.80	3.65	15	.0			10	4	3
PERRYVILLE	44.5	2.7	75	12+	23	25	0	20	3.74	- 0.24	2.00	16	.0			4		
PINE BLUFF	48.4	3.3	82	13	23	26	0	10	3.25	- 2.02	.99	29	.0			8	5	1
PINE BLUFF CAA	46.9		79	13	22	31	0	15	3.10		1.06	28	.0			8	5	0
FOCAHONTAS 1	42.7	2.4	74	12	12	26	0	19	6.65	- 2.85	2.33	15	.0			11	6	2
PORTLAND	50.6M	3.4			21	31	0	17	3.66	- 2.13	1.65	16	.0			6	3	2
PRESCOTT	45.7	0.3	80	14	22	26+	0	19	3.05	- 1.61	.91	16	.0			6	4	0
ROGERS	42.3	3.1	77	15	12	30	0	16	5.07	2.63	1.80	14	.0			6	4	0
RUSSELLVILLE	44.7	2.9	79	13	18	31	0	14	4.22	0.87	1.60	15	.0			8	4	2
SAINT CHARLES	46.4		79	14	22	26	0	14	3.73		1.75	17	.0			8	5	2
SEARCY	44.5	1.7	76	13	20	26+	0	13	3.27	- 1.34	1.44	29	.0			13		
SHERIDAN	43.5M		79	13	17	31	0	22	3.43		1.35	15	.0			7	3	1
SILOAM SPRINGS	43.5		78	13+	14	30	0	18	2.91		1.58	14	.T	T	25	4	1	1
STUTTGART	46.2	2.2	79	13	22	26	0	13	3.53	- 1.49	1.52	29	.0			8	5	1
STUTTGART 9ESE	46.4	3.2	78	14	23	26+	0	14	2.83	- 2.47	.97	29	.0			8	4	0
SUBIACO	44.2	1.2	78	13	22	10+	0	14	3.60	0.17			.0			6		
TEXARKANA WB AIRPORT //	49.7	2.8	80	13	26	31	0	11	3.07	- 1.54	.98	14	.0			10	3	0
TURNPIKE	39.9		73	13	12	26	0	21	7.04	2.83	2.37	15	.0					

DAILY PRECIPITATION

ARKANSAS
DECEMBER 1948

Table 3-Continued

Table with 32 columns (Station, Day of month 1-31, Total) and multiple rows of precipitation data for various stations in Arkansas.

DELTA FALL DATA

Table with multiple rows and columns showing Delta Fall Data for various months (June, July, September, October, November) and stations, including precipitation values and totals.

HOURLY PRECIPITATION

ARKANSAS
DECEMBER 1948

able 4

Station	A. M. Hour ending												P. M. Hour ending												Total	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
	-1st-																									
ALICIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ATLANTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAMDEN 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HARRISBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KINGSLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAKE LEATHERWOOD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAUMEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTRISE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNT ADA 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MURFREESBORO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NASHVILLE SCS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WINFREY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-2d-																									
ALUM FORK										.01	.02	.02														.05
APPLETON										.01	.02	.02		.10												.11
ARKADELPHIA									.04	.01	.05	.01														.34
AUGUSTA																										.11
BATESVILLE L O 1																										.08
BEAR CREEK LAKE																				.04	.02	.02				.10
BEEBE																				.08	.01	.15	.02			.26
BERRYVILLE											.04	.06			.05	.05										.10
BOTKINBURG														.10	.04											.10
BRINKLEY																										.10
BULL SHOALS OAM														.10	.09											.19
CANAAN														.02	.07	.02	.01									.12
CARPENTER OAM													.05	.01	.07	.02	.01									.11
CLARKSVILLE													.05	.14	.05	.01						.05				.20
COMBS													.05	.05												.10
COMPTON	.02	.02																								.04
CORNING																				.01		.04		.02		.07
DAISY									.02	.05									.18	.04			.02			.25
GANVILLE																										.02
GENYER														.06	.08		.06									.20
GUMAS 2																				.15				.18	.12	.45
GURHAM													.07	.03												.10
FORREST CITY																										.16
GILBERT																										.10
HARROY																				.10		.05		.01	.01	.09
HARRISON CAA																										-
HUNTSVILLE																										.11
LITTLE ROCK WB AP																										.01
MARIANNA																				.01	.02	.02	.01	.16	.01	.24
MENA									.02	.03																.05
MONTICELLO									.03	.01																.04
MOUNTAIN HOME																										.23
NORFORK OAM																				.07	.12	.02	.01	.01		.13
PARTHENON																										.10
PINE BLUFF CAA																										.64
PYATT																										.21
REMMEL OAM										.02	.08	.03	.01													.33
SMITHVILLE																										.14
STUTTGART 9ESE																										.42
WEODINGTON LAKE																										.06
WEST FORK									.03	.04	.01															.08
WHEELING														.05	.10											.15
	-3d-																									
HEBER SPRINGS 3SW																										.07
MAUMEE						.07																				.02
PARTHENON																										.02
	-4th-																									
ALICIA																										.01
APPLETON																										.02
AUGUSTA																										.02
BOTKINBURG																										.21
CANAAN	.05	.09	.03			.04																				.02
COMBS																										.04
COMPTON																										.04
CORNING																										.02
FORREST CITY										.04	.01	.01														.06
HARRISON CAA																										.01
WHEELING																										.02
	-5th-																									
ALICIA	.01		.05			.05	.02																			.13
ALUM FORK																										.17
ALY																										.17
APPLETON	.03	.01	.01	.09	.06	.02																				.18
ARKADELPHIA																										.04
AUGUSTA																										.15
BATESVILLE L O 1									.15																	.10
BEAR CREEK LAKE									.03	.03																.09
BEEBE									.05	.03	.01															.25
BERRYVILLE									.10	.10																.07
BLUE MOUNTAIN OAM									.02	.02																.09
BRINKLEY									.04	.05																.03
BULL SHOALS OAM									.02	.03	.15															.20
CANAAN	.01	.01	.01						.15	.15																.18
CARPENTER DAM									.02	.02	.12															.16
CLARKSVILLE									.01	.10																.11
COMPTON	.02	.01							.06																	.09
CORNING	.01		.02			.08			.01	.02																.16
DAISY		.02	.03	.07	.15				.02	.02																.27
GANVILLE				.19	.05																					.24
GUMAS 2									.12																	

HOURLY PRECIPITATION

Table 4-Continued

Table with columns for Station, A. M. Hour ending (1-12), P. M. Hour ending (1-12), and Total. Rows include stations such as HARRISON CAA, ALUM FORK, APPLETON, etc., with numerical precipitation values and some text like '-24th-' or '-25th-'.

See reference notes following Station Index.

HOURLY PRECIPITATION

ARKANSAS
DECEMBER 1948

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total			
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12				
DENVER						.02	.02					.02		.02	.02	.02									.12			
OURHAM	.04												.06	.01	.03	.01							.18	.42	.26	.09	.35	
FOREMAN								.03	.01			.02	.11	.03												.61		
FORREST CITY																.05	.12	.43								1.16		
FORT SMITH WB AIRPORT																					.26	.24	.36	.06	.06	.27		
GILBERT	.05											.01	.08	.01	.11	.03	.01									.30		
HARPY	.08	.06	.01													.05	.26	.15	.08	.17	.02	.07	.04			1.04		
HARRISON CAA								.19	*	*						.03	*	*								.12		
HUNTSVILLE	.01		.01				.02	.03						.04	.01	.01	.03	.03	.01							.20		
HUTTIG OAM																										.30		
LITTLE ROCK WB AP										.01	.01	.03			.03	.01	.01	.01	.10	.18	.24	.35	.06	.90	.10	1.04		
MAGNOLIA																				.24	.35	.06				.90		
MARIANNA																				.55	.25	.05				.82		
MAUMEE	.02	.08	.02																	.25	.10	.20	.20	.07		.47		
MENA								.04	.01						.10	.02	.06	.06	.06							.61		
MOROBAY L O B							.02	.01	.03			.02	.03	.02	.05	.08	.17	.15	.03							.47		
MOUNTAIN HOME				*	*	*	*	*	*	*	*	*	*	*	.47												.42	
NIMROD OAM																*	*	*	.42							.49		
NORFORK OAM										.01	.02				.20	.05	.04	.06	.06	.05						.30		
PARTHENON	.02													.01	.02	.02	.03	.05	.03	.07	.05					.90		
PINE BLUFF CAA																										.13		
PRESCOTT SCS										.02	.01	.02			.03	.02	.14	.26	.30	.05	.16	.27	.30	.17		.85		
PYATT	.01				.02										.01	.04	.02	.02	.02	.01						.96		
REMMELOAM														.02	.02	.03	.01	.05	.11	.18	.34	.19	.01			.92		
SMITHVILLE	.06	.09	.03	.01	.02					.04	.01				.05	.05				.19	.10	.21	.18	.08	.04	1.16		
STUTTGART 9ESE																				.07	.13	.32	.30	.10		.92		
TEXARKANA WB AP																	.09	.20	.27	.10						.66		
WALORON													.01	.02	.01	.06	.08	.08	.02							.28		
WEONINGTON LAKE							.03	.02	.01			.04	.15	.15	.05	.03	.07	.05								.60		
WEST FORK		.01		.02	.01	.02	.03			.01	.08	.12	.11	.06	.04	.04	.05									.60		
WHEELING											.01	.02	.06	.01	.25	.20	.05	.05								.80		
WINFREY	.03		.01		.05	.04	.01		.01	.09	.04	.15	.13	.17	.12	.05				.07	.06	.02				.90		
WING								.05	.01	.01	.01	.01			.02	.01	.04	.14	.18	.02						.50		
-29th-																												
APPLETON	*	*	.52																								1.01	
AUGUSTA	*	*	*	*	*	*	1.20																				1.25	
BEAR CREEK LAKE	.01																									.01		
OURAM 2			.02																								.02	
-30th-																												
BOTKINBURG	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
-31st-																												
ALICIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BOONEVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BOTKINBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CLARKSVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HARRISBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HEBER SPRINGS 3SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KINGSLANO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LAKE LEATHERWOOD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MONTICELLO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MONROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MOUNT IOA 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MURFREESBORO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NASHVILLE SCS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

DELAYED DATA

-23d-																												
JUNE 1948																												
ALICIA																.40	.02	.01			.02					.31	.04	.80
-24th-																												
ALICIA								.05	.02	.02																		.09
-25th-																												
ALICIA															.20	.05												.25
-26th-																												
ALICIA															.03													.03
-27th-																												
ALICIA							.10	.20	.10	.10	.04				.01													.55
-28th-																												
ALICIA																												.95
CLARKSVILLE			.04	.03	.07	.17	.03									.37	.03		.50					.05				.74
-29th-																												
ALICIA			.08	.10	.05	.01	.01									.23	.25	.02		.03								.24
CLARKSVILLE												.23	.25	.02														.53
-8th-																												
AUGUST 1948																												
CLARKSVILLE	.38	1.25		.02	.06	.07	.07		.18			.02	.03	.01	.01													.13
-9th-																												
CLARKSVILLE								.05	.08	.27	.40	.08	.02															.90
-11th-																												
CLARKSVILLE						.13	.12	.80	.10	.20	.05	.03																1.43

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total				
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12					
													-12th-																
CLARKSVILLE							.03	.12	.04	.01													.20						
													-22d-																
CLARKSVILLE																								.07					
													-25th-																
FOREMAN																								.17 .03					
													-26th-																
FOREMAN																								.13					
													-3d-																
OCTOBER 1948 CLARKSVILLE																								.16 .17 .02					
													-19th-																
ALICIA CLARKSVILLE																								.					
													-20th-																
CLARKSVILLE	.	.	.	.	.	.	.	.	.	.	.	.	3.75												3.75
													-28th-																
CLARKSVILLE							.15	.10	.03	.02													.30						
													-30th-																
ALICIA													.05	.04	.01												.14 .15 .16 .10		
													-31st-																
ALICIA	.20	.25	.08	.01	.01							.02	.03													.60			
													-4th-																
NOVEMBER 1948 HEBER SPRINGS 3SW																								.05 .14 .11					
													-5th-																
HEBER SPRINGS 3SW	.10	.05																							.15				
													-9th-																
HEBER SPRINGS 3SW							.05	.10	.15	.17	.13	.08	.07	.04	.01													.80	
													-12th-																
HEBER SPRINGS 3SW	.01	.07	.02	.04	.04	.02							.01	.02	.01													.28	
													-16th-																
HEBER SPRINGS 3SW				.01	.02	.07	.15	.38	.07	.20	.03													.93					
													-18th-																
HEBER SPRINGS 3SW													.92	.21	.03	.01													1.17
													-21st-																
HEBER SPRINGS 3SW													.03	.06	.01	.01												.02	
													-26th-																
HEBER SPRINGS 3SW				.15							.01	.01												.02 .02					
													-28th-																
HEBER SPRINGS 3SW HUNTSVILLE							.10	.05	.10	.02	.03	.06	.04	.04	.11													.05 .10 .09 .03	
													-29th-																
HEBER SPRINGS 3SW HUNTSVILLE	.02	.					.01							.15	.09	.01	.05	.05	.01	.01	.02	.01	.01					.44 .03	
													-30th-																
HEBER SPRINGS 3SW									.02	.03													.05						

See reference notes following Station Index.

DAILY TEMPERATURES

DECEMBER 1948

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	58	58	57	58	63	60	54	59	50	47	57	74	75	72	72	71	67	46	48	58	56	53	53	45	46	47	47	49	54	45	48	56.4
	MIN	28	28	40	36	37	26	26	24	25	26	29	28	45	60	60	46	38	38	44	25	35	39	34	32	33	33	19	19	39	33	27	20	33.5
ARKAOELPHIA	MAX	61	62	55	59	66	65	64	65	55	55	53	64	78	80	74	71	58	51	48	54	60	58	51	41	40	34	48	56	45	51	57.3	
	MIN	21	26	35	35	39	25	25	23	24	25	24	24	29	50	54	65	57	46	42	27	27	40	55	39	38	36	40	24	28	36	27	34.0
ASHDOWN	MAX	60	65	64	69	77	62	22	55	55	52	65	77	80	74	73	60	51	50	54	51	64	57	52	48	42	40	49	58	45	50	58.4	
	MIN	29	32	33	39	21	26	22	25	20	22	39	58	65	65	60	48	43	39	23	24	42	41	41	35	30	28	30	33	24	18	34.6	
BATESVILLE AIRWAY	MAX	55	53	58	57	63	59	55	42	50	41	60	74	72	69	68	67	50	46	30	46	59	56	48	46	35	37	27	45	52	40	52.2	
	MIN	25	34	41	38	35	27	37	23	20	22	31	56	52	65	63	40	35	38	30	28	36	35	35	32	22	15	27	36	33	24	34.1	
BATESVILLE LIVESTCK	MAX	60	57	54	58	63	64	59	52	43	49	42	63	74	72	68	67	54	52	45	45	59	58	51	49	35	35	34	46	53	38	53.0	
	MIN	23	23	31	33	39	23	36	19	21	17	25	34	49	56	66	38	30	36	25	25	31	33	33	30	28	8	16	32	33	21	30.4	
BEE BRANCH	MAX	58	52	57	56	56	58	55	45	49	47	52	72	72	74	66	63	52	48	50	56	56	50	45	45	37	31	42	46	47	42	52.8	
	MIN	25	30	39	33	49	35	31	22	26	24	26	52	44	54	58	40	35	37	31	28	30	35	35	32	22	15	27	36	31	22	33.2	
BENTON	MAX	60	60	49	60	66	65	61	62	52	53	48	53	75	78	74	70	54	52	51	50	60	52	53	50	45	40	34	49	56	40	55.5	
	MIN	23	26	32	35	35	23	28	21	22	8	24	30	36	54	65	51	40	40	33	30	29	37	32	33	33	25	24	28	36	26	31.7	
BENTONVILLE	MAX	55	58	50	63	61	47	57	46	47	46	47	59	70	76	68	76	53	52	47	43	54	55	50	45	35	32	30	48	52	29	51.5	
	MIN	22	29	32	31	42	26	28	24	25	17	18	38	58	48	61	31	33	32	28	28	29	29	33	30	25	17	18	30	26	13	28.8	
BETHESOA	MAX	60	56	54	58	63	64	59	52	43	49	40	64	74	74	69	68	55	50	46	57	57	57	50	47	39	37	35	43	53	37	53.3	
	MIN	23	25	41	32	39	23	37	18	21	18	22	35	43	57	64	40	32	38	36	21	29	34	34	30	29	12	15	33	34	22	30.7	
BLYTHEVILLE	MAX	58	60	50	56	64	64	60	58	42	51	42	60	76	68	70	76	60	50	49	65	51	52	52	46	49	45	35	38	32	44	53.3	
	MIN	30	33	42	41	41	31	32	25	28	23	25	32	53	59	65	50	35	35	42	32	36	36	34	30	18	22	30	32	29	22	34.7	
BOONEVILLE	MAX	53			51	56	53	57	53	51	54	55	68	72	63	60	53	51														-	
	MIN	35	33		34	32	34	33	30	30	19	35	34	33	34	34	32															-	
BRINKLEY	MAX	60	60	61	61	66	61	63	52	45																39	32	47	59	59	49	-	
	MIN	27	34	41	40	54	28	38	24	25	24															30	20	27	37	34	20	-	
CAMOEN 1	MAX	62	64	63	63	67	67	63	62	57	54	54	65	77	82	76	73	66	53	51	56	61	71	54	53	48	41	34	47	62	47	59.5	
	MIN	25	25	36	35	37	25	26	24	24	24	33	52	62	65	64	47	44	44	27	29	46	39	38	38	25	23	33	36	27	50	35.4	
CAMP CHAFFEE	MAX	59	62	50		69	64	51	48	50	52	67	76	81	69	80	61	55	49	58	59	55	55	55	46	40	31	51	55	37	45	55.9	
	MIN	28	31	34		22	30	19	20	17	23	31	36	41	62	42	38	41	24	23	23	23	33	38	38	32	20	25	38	33	12	29.7	
CONWAY	MAX	60	51	62	60	65	62	59	50	53	48	58	75	77	72	69	66	53	49	49	60	53	52	50	47	40	34	47	54	47	49	55.6	
	MIN	25	31	41	37	49	26	35	23	22	22	28	54	47	48	63	47	48	41	40	27	35	38	37	35	34	20	27	40	34	26	35.1	
CORNING	MAX	58	56	58	56	60	65	59	53	43	50	42	61	74	71	63	67	53	48	41	40	55	59	46	43	33	34	29	43	53	38	51.6	
	MIN	26	28	34	37	42	30	31	22	26	21	21	34	45	54	66	42	33	33	37	29	32	35	35	32	29	15	19	29	36	25	32.2	
CROSSETT	MAX	64	61	60	67	60	68	68	59	56	53	64	75	75	75	76	71	57	53	60	61	71	66	57	56	47	38	45	63	63	48	61.0	
	MIN	25	33	40	36	48	25	37	25	27	24	25	56	60	63	44	55	45	45	41	24	40	52	35	39	36	25	31	41	38	27	38.0	
CUMMINS FARM	MAX	58	57	58	63	63	57	69	53	50	45	58	72	79	72	74	69	51	50	52	58	62	53	52	46	40	33	47	61	59	42	56.5	
	MIN	26	32	42	36	51	26	34	25	26	25	24	51	53	61	64	47	42	41	40	26	36	43	33	35	29	30	20	26	38	27	35.9	
OARDANELLE	MAX	60	61	46	58	64	61	63	56	47	55	49	64	77	79	71	69	60	53	47	49	61	55	53	48	40	40	32	47	53	42	55.1	
	MIN	24	24	24	35	36	28	27	23	23	21	21	36	43	45	50	39	38	25	25	25	33	36	34	36	34	23	21	21	27	25	29.4	
OE QUEEN	MAX	48	55	53	68	62	6	53	52	50	62	64	78	72	71	64	55	50	52	40	51	56	54	45	43	38	45	55	45	51	52	54.7	
	MIN	25	31	31	31	24	24	30	23	24	23	31	46	54	62	55	46	42	42	24	23	38	38	40	35	34	25	26	32	25	20	33.0	
DES ARC	MAX	59	58	60	63	62	64	58	60	48	51	50	61	75	77	75	72	55	52	47	46	58	53	50	48	37	38	32	45	50	42	54.6	
	MIN	26	26	34	36	37	29	30	24	25	26	28	30	54	62	65	49	39	37	29	30	39	35	35	32	20	23	30	34	20	21	33.9	
DEVILS KNOB	MAX				54	57	56	52	46	48	49	64	66	70	68	63	64	50	48	53	55	57	55									51.7	
	MIN				31	34	27	25	27	26	24	27	33	40	55	60	32	36	27	21	29	32	37	35								29.0	
OUMAS 1	MAX	61	61	59	65	62	58	62	53	58	52	60	75	80	73	75	65	53	52	54	60	65	65	56	49	40	34	49	61	61	43	58.5	
	MIN	27	34	45	40	50	30	38	26	27	26	26	55	66	64	49	47	46	40	30	44	30	44	36	38	32	27	40	35	29	23	38.5	
EL DORADO	MAX	63	66	63	62	66	63	63	69	60	57	65	77	83	76	70	68	52	52	60	62	75	57	60	55	44	35	48	64	51	53	61.2	
	MIN	27	29	39	39	44	28	29	27	27	25	26	36	58	62	65	46	42	43	28	29	49	32	37	37	25	25	31	34	25	23	36.5	
EUREKA SPRINGS	MAX	57	49	59	60	59	56	51	42	45	49	55	69	77	68	74	68	49	47	44	53	55	47	43	40	33	27	35	52	39	40	51.4	
	MIN	32	38	38	34	40	30	32	27	26	17	35	52	51	61	55	32	32	40	30	32	38	22	34	29	24	17	24	34	27	13	32.7	
FAYETTEVILLE	MAX	58	51	62	59	61	57	51	48																								

DAILY TEMPERATURES

ARKANSAS

DECEMBER 1948

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	
KEO	MAX	60	54	60	64	64	61	51	52	46	60	76	80	75	73	69	54	49	49	59	53	52	50	47	40	31	48	58	58	48	50	56.5	
	MIN	26	31	42	36	52	29	35	23	27	23	28	54	53	64	66	51	40	40	38	28	37	42	35	36	30	21	27	41	35	22	36.7	
LEAO HILL	MAX	60	45	58	60	62	60	49	42	50	46	53	74	70	65	70	65	51	48	45	58	58	49	45	41	34	26	41	50	43	42	52.5	
	MIN	18	27	36	26	40	21	24	16	18	12	27	42	50	44	60	35	26	38	28	26	23	37	33	25	11	25	35	30	18	12	28.1	
LITTLE ROCK WB AP	MAX	57	51	61	62	64	62	59	49	51	44	62	74	74	74	72	68	50	48	48	58	51	50	48	43	38	30	47	57	45	48	54.9	
	MIN	30	34	40	36	40	30	37	27	31	26	31	56	49	67	67	47	40	40	33	29	36	39	36	35	27	21	28	41	34	29	44	36.8
LUTHERVILLE	MAX	57	57	52	55	61	60	55	51	51	48	54	71	78	75	69	67	65	64	62	60	58	55	54	53	52	52	42	48	50	45	47	57.0
	MIN	30	34	40	37	35	25	36	25	27	22	26	37	39	61	64	46	37	38	34	28	36	40	38	33	28	18	22	34	29	20	22	35.6
MAGNOLIA	MAX	64	66	67	65	66	63	65	60	55	65	78	74	74	69	57	69	51	55	62	75	67	54	44	44	44	44	47	61	63	52	55	61.6
	MIN	41	43	35	45	53	30	40	30	28	31	33	69	61	66	66	55	45	44	45	29	45	46	40	43	36	27	31	43	34	26	22	41.0
MALVERN	MAX	60	60	51	60	67	63	61	62	52	53	49	64	72	74	74	55	51	49	52	58	55	53	59	62	49	35	49	51	40	48	57.0	
	MIN	27	30	36	37	38	26	29	24	28	25	29	32	48	57	65	54	41	41	25	30	41	38	40	41	26	28	34	35	26	19	35.3	
MAMMOTH SPRING	MAX	56	55	55	58	59	57	60	59	50	49	60	71	76	77	69	65	60	59	60	64	69	61	59	59	40	40	45	49	50	50	57.6	
	MIN	24	22	23	25	24	23	18	18	17	17	24	30	32	59	37	30	29	19	21	21	30	24	30	24	21	11	12	12	32	13	24.9	
MARIANNA	MAX	62	63	62	60	63	58	59	52	51	44	60	73	75	74	74	66	57	56	48	57	57	50	47	65	47	41	49	59	45	41	48	56.9
	MIN	26	30	45	40	43	27	34	25	23	23	33	55	61	65	57	41	40	41	28	30	41	34	38	32	20	27	29	35	27	18	35.3	
MARKEO TREE	MAX	58	59	59	59	60	65	59	57	46	50	42	61	73	77	70	71	54	50	46	42	57	57	48	46	39	38	30	45	57	43	39	53.5
	MIN	27	29	35	38	39	31	32	24	27	23	24	33	49	60	65	52	36	36	40	30	31	35	34	34	30	18	18	30	37	27	21	33.7
MARSHALL	MAX	59	53	63	57	62	59	52	45	48	48	52	76	77	70	72	66	58	47	48	57	56	49	49	41	32	27	42	50	48	43	43	53.2
	MIN	23	37	40	42	41	27	34	19	19	16	31	50	51	62	62	37	31	29	32	26	39	28	34	30	26	15	24	34	29	17	20	31.1
MENA	MAX	59	50	65	59	64	60	49	54	48	52	57	76	69	70	67	49	46	48	58	57	54	48	44	48	33	46	51	51	47	46	53.9	
	MIN	28	35	34	41	43	26	39	26	26	22	36	56	52	64	63	44	40	40	34	27	39	38	37	34	29	23	24	40	20	24	24	35.9
MONTICELLO	MAX	61	58	60	64	62	60	63	54	52	49	63	72	78	73	75	66	53	51	56	58	58	50	51	31	27	30	30	31	27	-	-	-
	MIN	33	43	45	46	43	31	38	34	32	30	34	58	61	65	65	49	46	40	31	27	27	30	31	27	27	27	27	27	27	27	27	27
MORRILTON	MAX	59	59	48	61	65	59	62	57	47	52	46	63	76	76	70	67	56	51	47	47	60	51	52	48	39	38	30	46	54	38	47	53.9
	MIN	27	27	35	38	39	27	29	25	26	23	24	35	43	43	64	48	38	37	40	27	28	38	37	35	34	21	20	26	26	24	24	32.6
MOUNT IOA 1	MAX	60	50	55	63	61	58	58	53	53	58	62	73	76	69	70	72	69	58	52	58	57	58	56	48	52	48	58	50	52	51	58.3	
	MIN	16	24	31	34	33	17	32	15	16	15	38	40	44	52	61	60	52	38	26	18	27	31	30	33	31	17	20	40	30	39	32.0	
MOUNT MAGAZINE	MAX	50	45	49	52	58	51	47	38	40	40	49	65	70	64	63	62	44	46	42	50	53	45	40	37	35	26	38	47	46	34	35	47.1
	MIN	37	39	38	45	37	32	36	29	28	27	30	47	58	61	60	43	34	35	25	24	41	36	28	26	24	17	22	31	21	10	24	33.7
MOUNTAIN HOME	MAX	55	47	48	57	61	58	49	40	49	42	53	73	76	65	71	65	50	45	43	57	58	49	44	40	35	30	44	46	50	42	43	51.1
	MIN	24	28	41	31	41	24	31	20	23	17	28	46	39	55	63	36	31	37	34	25	33	31	36	29	26	12	25	34	30	18	16	31.1
NASHVILLE	MAX	59	60	63	68	63	63	60	53	55	51	67	77	80	73	71	58	51	47	54	59	62	55	50	44	44	35	47	56	45	50	57.3	
	MIN	27	31	32	33	48	24	33	24	27	24	26	38	49	56	64	57	47	43	38	24	27	44	40	40	35	25	27	31	33	25	20	35.2
NEWPORT	MAX	60	60	62	60	63	61	58	45	53	44	60	75	72	72	68	68	52	44	45	58	56	49	48	39	40	33	45	54	42	44	47	54.1
	MIN	27	30	37	40	43	28	30	24	27	27	34	52	58	67	49	38	40	41	31	34	39	36	35	32	18	20	30	36	27	20	34.7	
NIMROO OAM	MAX	61	61	49	63	66	55	59	56	51	50	52	64	77	75	72	68	52	54	52	53	66	61	55	48	44	45	29	49	55	39	48	55.8
	MIN	22	23	33	31	34	22	23	20	22	18	18	42	42	44	60	46	33	35	36	24	26	33	34	34	32	19	19	25	31	25	16	29.7
NORFORK OAM	MAX	56	58	57	51	63	62	60	49	44	50	44	70	75	76	69	71	55	52	45	47	59	60	50	46	41	38	32	45	51	34	44	53.2
	MIN	24	25	21	30	33	21	23	13	21	18	20	34	35	39	55	39	33	30	35	22	25	31	37	32	29	14	16	24	31	19	13	27.4
OEN	MAX	65	58	66	56	64	60	53	51	50	51	65	75	76	71	71	56	47	48	49	58	57	54	46	44	38	31	46	54	37	49	46	54.6
	MIN	35	37	36	36	35	37	21	23	20	38	45	57	64	65	45	38	40	30	39	34	34	39	35	23	22	34	44	34	25	20	36.2	
OKAY	MAX	61	63	65	71	69	69	69	69	69	63	78	80	80	80	74	66	55	49	55	60	60	65	65	43	43	46	59	58	52	56	61.0	
	MIN	26	32	34	48	53	24	23	23	23	23	28	49	48	49	48	46	42	42	41	25	28	38	32	35	36	32	40	43	32	28	20	35.5
OZARK	MAX	57	48	47	55	55	54	61	51	46	51	48	60	71	80	65	72	59	53	46	48	58	58	55	47	44	40	50	36	46	46	52.6	
	MIN	24	24	39	37	36	24	25	24	24	21	21	35	40	40	62	45	38	38	36	24	24	39	39	36	34	22	24	27	33	22	19	31.5
PARAGOULO	MAX	56	57	62	59	61	57	54	44	49	44	53	71	72	69	68	66	49	43	42	53	59	54	45	41	36	32	41	52	44	43	52.5	
	MIN	27	34	45	42	52	28	34	23	25	20	50	72	69	66	64	44	35	39	33	29	34	37	34	33	30	16	26	34	40	26	21	34.8
PERRYVILLE	MAX	61	53	63	60	58	59	61	47	50	48	49	75	75	68	70	65	60	60	62	59	64	58	55	53	49	51	53	54	50	49	57.9	
	MIN	30	32	34	30	28	31	28	27	29	26	30	35	40	37	47	42	35	36	33	30	36	30	29	24	23	25	28	26	26	33	25	31.1
PINE BL																																	

DAILY TEMPERATURES

ARKANSAS

DECEMBER 1948

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			
TEXARKANA WB AIRPORT	MAX	61	67	66	67	69	62	61	57	54	53	65	78	80	75	72	67	52	51	54	60	66	58	53	52	42	33	48	60	50	51	53	59.3	
	MIN	31	42	36	47	41	30	35	30	29	29	30	38	61	60	66	66	51	45	43	35	30	48	45	42	38	30	28	33	47	32	27	26	40.1
TURNPIKE	MAX	53	44	51	50	57	54	48	40	44	44	46	68	73	66	64	63	48	44	42	50	51	48	45	40	30	22	36	45	47	39	40	48.1	
	MIN	32	36	39	41	36	31	31	29	26	22	28	45	53	57	58	32	30	35	24	29	39	31	30	28	16	12	19	29	21	17	23	31.6	
WALORON	MAX	61	56	60	63	64	60	53	50	49	51	59	75	80	73	72	68	50	52	52	60	56	53	47	45	39	38	48	53	53	46	46	55.9	
	MIN	20	29	33	47	47	20	33	19	18	16	35	49	38	61	62	40	34	41	34	22	30	29	37	33	30	20	23	40	30	19	15	32.4	
WARREN	MAX	59	57	59	61	61	58	59	61	51	49	61	74	80	75	74	71	61																-
	MIN	34	36	41	47	49	29	38	38	27	29	29	57	56	61	67	41	46																
WHITE ROCK	MAX	45	56	55	51	57	54	54	43	45	44	50	68	72	64	70	66	51	45	42	50	53	54	54	40	34	24	36	46	46	42	40	50.0	
	MIN	32	32	37	43	37	29	35	29	29	25	30	38	54	60	60	35	36	35	25	28	42	35	33	29	21	16	20	30	23	19	26	33.0	
WYNNE	MAX	59	61	62	60	64	59	57	47	50	44		72	73	71	72	67	53	48	47	55	53	53	48	43	39		45	58	58	41	47	55.4	
	MIN	31	36	47	42	46	30	39	25	25	24	30		49	65	65	48	38	40	37	29	38	39	36	35	31	19	28	37	35	27	21	36.4	

DELAYED DATA

JANUARY 1948 WARREN	MAX	86	87	89	91	93	89	95	93	90	90	92	96	97	98	95	96	95	94	96	98	97	97	97	97	97	94	91	96	85	86		93.2	
	MIN	66	67	58	61	73	70	67	69	67	64	63	68	71	73	75	73	73	73	74	73	72	71	77	72	73	71	74	71	73	68	69		69.9
JULY 1948 WILSON	MAX			84	95	96	94	90	97	91	93	91	89	91	80	90	92	92	95	92	92	93	93	94	84	84	91	91	92	93	95	96		91.4
	MIN			59	65	72	73	70	69	68	68	70	68	73	71	72	74	75	69	77	68	74	73	74	66	68	70	72	74	74	75	72		70.8
AUGUST 1948 WARREN	MAX	87	95	96	91	89	91	87	84	80	89	89	92	98	96	94	90	89	93	92	94	94	93	94	93	93	85	93	94	94	94	93		91.5
	MIN	63	64	71	63	63	69	67	69	71	71	72	72	76	74	74	67	68	72	71	71	70	71	72	71	74	73	71	72	73	72	61		69.9
WILSON	MAX	95	87	86	89	91	85	80	79	86	82	90	89	89	90	96	87	87	87	88	91	94	94	95	95	97	95	95	97	96	96	92	90.3	
	MIN	73	74	64	61	62	58	59	60	65	60	72	72	72	70	70	66	72	63	67	65	68	66	67	68	69	70	72	70	70	65		67.2	
OCTOBER 1948 MARSHALL	MAX	82	80	75	72	79	75	71	72	80	73	68	77	81	81	79	80	75	62	74	72	69	74	72	70	70	75	76	77	79	70	70		74.5
	MIN	60	49	49	39	48	58	39	39	40	59	41	37	34	43	43	67	39	24	29	32	49	43	35	31	30	34	42	35	46	60	60		43.0
OOEN	MAX	84	84	78	82	76	77	80	80	79	82	81	80	85	85	84	81	64	67	75	75	68	77	78	72	62	80	85	85	82			78.2	
	MIN	50	54	44	53	44	46	43	56	42	44	47	39	43	53	51	62	48	28	30	35	50	43	39	44	34	39	44	54	51			45.2	
NOVEMBER 1948 CAMOEN 1	MAX	73	73	70	80	81	65	69	70	74	61	61	68	51	62	71	64	77	74	75	52	66	51	55	56	61	74	70	61	50	57		65.7	
	MIN	58	52	52	54	54	45	32	32	36	30	29	29	45	39	36	41	36	36	43	37	38	40	32	31	33	34	37	39	29	25		38.5	

CORRECTIONS

BENTON

November 1948

Delete minimum temperature on 2nd.

Mean-minimum temperature, 39.8M.

General Table: Mean temperature, 58.0M; temperature departure, -4.6.

HOPE

April 1948 -

Total Precipitation, 4.62; departure from normal, -0.69; days .01 or more, 5; days .25 or more, 5.

May 1948

Total precipitation, 6.89; departure from normal, +1.80.

EVAPORATION AND WIND MOVEMENT

ARKANSAS

DECEMBER 1948

Table 6

Station		Day of month																															Total	Departure from normal		
		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				
BETHESDA	EVAP WIND	-16	-24	48	-20	94	-96	65	50	33	-51	26	149	-44	95	-43	71	70	-59	-15	127	33	48	75	-123	-86	-63	-13	56	92	165	14	-1964			
HOPE	EVAP WIND	-16	9	.017	.050	*	*	.350	*	*	*.318	.003	.091	.075	-	-	.135	.035	*	*	.149	.040	.140	*	*	*	*	.278	.097	-	74	-	-	2.205B		
NIMROD OAM	EVAP WIND	4	10	9	19	50	116	27	32	4	6	45	40	17	39	32	24	11	2	5	55	14	1	4	9	12	13	5	*	109	88	23	825			
NORFORK OAM	EVAP WIND	24	22	29	6	38	140	68	27	27	27	33	58	67	88	24	11	41	71	30	26	70	35	70	107	69	61	34	103	22	71	26	1525			
RUSSELLVILLE	EVAP WIND	.044	.044	.016	6	.138	.050	.080	.032	.052	.046	.020	.010	.048	*	*	.112	.088	.062	.20	.045	.056	.038	.020	7	.054	.084	.104	.034	*	.054	*	.054	.046	.042	1.480
		20	4	6	80	23	22	28	13	22	14	18	13	10	15	36	20	44	25	46	10	18	43	46	46	13	20	20	95	52	24	815				

DAILY RIVER STAGES

Table 7

River and Station	Flood stage	Day of month																															Highest	Date	Lowest	Date
		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				
BUFFALO GILBERT	30	3.5	3.6	3.6	3.5	3.6	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.6	3.6	7.9	10.0	7.2	6.0	5.5	5.1	4.8	4.8	4.7	4.5	6.8	6.5	5.6	5.1	6.4	7.0	5.9	10.0	16	3.5	1
BLACK BLACK ROCK	14	2.8	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.3	2.2	2.2	2.2	2.0	2.0	2.1	13.9	12.5	11.0	9.3	8.0	7.3	6.8	6.4	6.2	9.7	9.9	9.3	8.5	11.3	13.0	12.7	13.9	16	2.0	13
WHITE COTTER	21	1.4	1.6	1.8	1.8	1.9	1.8	1.8	1.4	1.7	1.8	1.9	1.6	1.7	1.7	6.8	5.9	5.6	5.2	5.6	5.9	5.4	4.6	4.6	4.5	5.1	4.1	4.1	4.0	4.3	4.6	4.6	6.8	15	1.4	1
CALICO ROCK	19	1.2	1.2	1.4	1.4	1.4	0.8	1.0	1.0	1.2	1.4	1.8	1.1	0.7	1.4	3.3	8.2	7.6	6.0	5.5	5.5	5.0	4.4	3.3	3.3	3.9	5.0	4.0	3.6	4.1	4.8	4.9	8.2	16	0.7	13
SATESVILLE L & D 1	23	6.4	6.3	6.2	6.3	6.3	6.3	5.7	6.6	6.2	6.2	6.3	6.6	6.1	6.4	9.8	13.3	15.0	13.1	11.6	10.7	11.0	10.4	9.7	9.1	11.4	10.5	10.3	9.9	10.8	10.8	11.1	15.2	17	5.7	7
NEWPORT	26	2.0	2.4	2.3	2.2	2.1	2.0	1.9	1.8	2.0	2.0	2.0	2.1	2.2	1.8	1.8	11.9	15.1	17.0	16.2	14.9	13.3	12.2	10.8	9.3	8.7	12.1	12.7	12.0	11.7	12.8	13.4	17.0	18	1.8	8
GEORGETOWN CLARENDON	21	3.5	3.3	3.3	3.3	3.2	3.1	3.1	2.9	2.7	2.5	2.4	2.4	2.4	2.4	2.4	5.5	15.8	18.2	18.8	18.6	18.2	17.7	17.0	16.1	15.0	14.6	15.4	15.4	15.6	16.3	17.0	18.8	19	2.4	12
PETIT JEAN OANVILLE	20	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	3.0	8.7	8.6	4.8	4.0	4.0	3.6	3.4	3.3	3.2	3.5	3.4	3.4	3.2	3.4	3.7	3.6	8.7	16	2.6	10
ARKANSAS VAN SUREN	22	4.6	4.6	5.2	5.4	5.8	6.4	6.2	5.9	5.5	5.6	5.9	5.5	5.3	4.8	5.0	6.2	7.3	7.2	6.6	6.0	5.6	5.2	5.0	5.1	5.2	5.4	5.4	5.2	4.7	5.2	5.6	7.3	17	4.6	2
OZARK OARBANELLE	22	2.2	2.3	2.2	2.2	2.8	2.9	3.4	3.5	3.6	3.2	3.1	3.2	3.2	3.1	3.1	8.0	5.5	5.1	5.2	4.8	4.4	3.8	3.4	3.0	3.7	4.1	3.9	3.8	4.7	5.0	5.4	8.0	15	2.2	1
MORRILTON LITTLE ROCK WB AP	20	7.0	6.8	6.9	6.8	6.8	7.1	7.4	7.8	8.4	8.2	7.8	7.6	7.3	7.6	7.7	8.4	12.3	11.6	10.8	10.9	10.6	9.8	9.1	8.5	8.4	8.2	9.1	8.9	8.8	9.2	10.4	12.3	17	6.8	2
PINE BLUFF	23	0.9	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.2	1.5	1.6	1.4	1.2	1.2	1.3	1.3	4.4	6.7	6.4	5.7	5.3	4.9	4.3	3.6	2.9	2.4	2.2	2.6	2.6	2.9	3.7	6.7	17	0.9	1
	25	2.0	2.0	1.9	1.7	1.6	1.6	1.7	2.0	2.2	2.7	2.9	2.6	2.3	2.3	2.4	2.6	6.9	9.3	8.7	7.9	7.5	7.0	6.3	5.4	4.6	3.8	3.7	4.3	4.3	4.3	4.9	9.3	18	1.6	5
CADDO GLENWOOD	10	4.4	4.4	4.4	4.6	4.8	4.8	4.8	4.8	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.7	5.9	7.5	7.4	7.4	6.3	6.0	5.7	5.7	5.7	5.6	5.6	5.5	5.5	5.5	5.4	7.5	18	4.4	1
SALINE BENTON	20	6.5	6.2	6.0	5.9	5.7	5.7	5.6	5.4	5.3	5.2	5.1	5.0	5.0	5.0	5.1	16.2	14.0	9.6	8.5	7.8	7.3	6.9	6.6	6.3	6.2	6.2	6.0	5.9	9.0	9.2	8.0	17.9	16	5.0	14
LITTLE MISSOURI SOUGHTON	20	5.0	4.8	4.8	4.7	4.7	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.0	5.2	12.6	10.2	8.7	7.0	6.5	6.4	6.4	6.0	5.7	5.4	5.3	5.4	7.2	8.8	12.8	18	4.5	15
OUACHITA ARKADELPIRIA	17	5.2	5.8	5.8	4.0	4.2	3.8	4.2	5.2	5.1	4.4	5.0	3.8	3.5	3.6	4.6	6.3	14.7	15.0	12.0	10.4	8.2	7.2	7.0	6.9	6.8	6.6	5.7	4.3	6.3	8.1	7.6	15.0	18	3.5	13
CAMDEN 1	26	5.9	6.4	6.2	6.7	7.6	5.7	5.5	5.5	5.4	5.3	5.5	5.9	6.2	5.9	5.0	4.8	7.3	10.8	18.1	20.0	19.6	16.6	13.0	10.9	10.0	9.5	8.9	8.6	7.5	8.4	11.2	20.0	20	4.8	16
LITTLE WHITECLIFFS	25	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.5	3.5	12.5	12.2	9.9	7.9	6.0	5.0	4.0	3.8	3.5	3.2	3.0	3.0	3.0	2.9	12.5	18	0.0	4
REO INOEX	25	6.2	6.2	6.2	6.3	6.1	6.1	6.0	6.0	5.9	5.9	5.9	5.8	6.4	6.8	7.2	7.2	7.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FULTON	25	6.9	6.6	6.4	6.9	6.6	-	-	-	-	-	-	-	-	-	-	7.0	7.5	8.6	10.4	10.4	11.0	9.8	9.5	9.2	8.9	8.6	8.0	8.0	8.1	8.3	8.2	7.9	-	-	
ST. FRANCIS ST. FRANCIS	18	9.2	8.3	7.5	7.8	6.3	6.0	6.0	5.9	5.7	5.6	5.5	5.4	5.4	5.3	9.4	14.7	15.5	15.2	15.0	14.8	14.3	13.7	12.9	12.2	14.6	15.1	15.0	14.1	14.7	14.8	15.2	15.5	17	5.3	14
ST. FRANCIS LAKE	30	20.8	20.7	20.7	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.7	20.9	21.1	21.2	21.4	21.6	22.0	22.2	22.3	22.4	22.4	22.5	22.5	22.5	22.9	23.1	23.3	23.3	31	20.7	2
WARCOO TREE	17	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	2.8	3.4	3.9	6.0	7.7	7.9	7.8	7.7	7.6	7.6	7.7	8.0	8.2	8.7	8.9	9.0	9.0	31	1.1	1
PARKIN	28	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.2	4.2	4.0	4.0	5.2	7.2	8.8	9.4	9.8	10.0	9.9	9.9	9.9	10.5	10.7	11.0	11.3	12.1	13.3	14.2	14.2	31	4.0	1
MADISON	32	4.3	4.4	4.5	4.5	4.5	4.8	5.0	5.2	6.0	6.2	6.5	7.0	7.0	6.4	5.0	4.7	5.4	6.5	8.9	9.9	9.6	10.0	10.4	11.2	12.0	12.3	12.5	12.6	14.0	14.4	15.6	15.6	31	4.3	1
MISSISSIPPI HELENA	44	18.0	18.8	19.9	21.3	22.5	23.5	24.7	25.5	26.6	27.0	26.9	26.1	25.0	23.6	22.0	20.5	19.4	18.3	18.0	19.1	21.4	24.1	26.4	27.8	28.8	29.5	29.4	29.3	29.8	30.3	30.5	30.5	31	18.0	1
ARKANSAS CITY	42	14.1	14.6	15.2	16.0	17.0	17.8	18.5	19.2	20.0	20.6	20.9	20.9	20.5	19.8	18.8	17.8	16.8	16.1	16.0	16.1	16.6	17.9	14.5	21.1	22.2	23.0	23.4	23.5	23.5	23.7	24.1	24.1	31	14.1	1

DELAWARE DATA

JUNE 1948 REO INDEX	25	13.5	13.1	12.4	11.4	10.6	11.2	12.4	11.6	11.6	11.4	11.0	11.0	10.5	10.0	8.4	8.2	8.2	8.0	7.8	7.8	7.6	7.6	7.8	7.8	7.8	7.4	7.9	10.1	11.0	11.6	13.5	1	7.4	26
AUGUST 1948 LITTLE WHITE CLIFFS	25	.9	.7	.7	.7	.7	.7	.7	.7	.2	.2	.2	1.0	2.5	2.5	2.6	2.6	1.8	1.6	1.5	1.5	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.0	-	-	-	-	-	
NOVEMBER 1948 WHITE CALICO ROCK	19	-	1.1	1.7	2.5	2.4	1.9	2.3	2.0	2.2	1.8	2.0	1.9	1.9	1.8	1.7	1.3	1.6	1.8	2.0	1.3	1.3	1.5	1.2	1.1	1.3	1.3	1.4	1.2	.5	1.6	2.5	4	5	29
OUACHITA CAMDEN 1	26	4.2	4.8	4.8	5.0	4.8	4.8	4.7	5.6	4.9	4.5	4.1	4.8	5.0	4.4	4.4	5.0	5.0	7.2	9.1	9.3	10.0	10.2	10.2	10.3	8.7</									

STATION INDEX

ARKANSAS
DECEMBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	O LAT.	O LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
ABBOTT	0006	SCOTT	ARKANSAS	35 04	94 42	624	C		7A	7		JAMES V. WILLIAMS	3	
ALICIA	0064	LAWRENCE	WHITE	35 54	91 05	256	C		MID 7A	22		BEN R. BUSH	3 4	
ALPINE	0118	CLARK	OUACHITA	34 16	93 23	-	C		7A	2		MRS. ALTA F. GARNER	3	
ALUM FORK	0130	SALINE	ARKANSAS	34 48	92 52	755	C	5P	5P	11	11	L. R. WATER WORKS	2 3 4 5	
ALY	0136	YELL	OUACHITA	34 47	93 29	850	C		MID		6	MRS. ELVIA LAMB	3 4	
ANTOINE	0178	PIKE	OUACHITA	34 02	93 25	285	C		8A		6	EARNEST F. CARROLL	3	
APLIN	0188	PERRY	ARKANSAS	34 58	92 59	400	C		7A		4	BESSIE L. EDWARDS	3	
APPLETON	0196	POPE	ARKANSAS	35 25	92 53	522	C		MID		8	JOHN A. JONES	3 4	
ARKADELPHIA	0220	CLARK	OUACHITA	34 07	93 03	200	C	7A	7A	52	52	W. H. HALLIBURTON	2 3 4 5 7	
ARKANSAS CITY	0234	DESHA	MISSISSIPPI	33 37	91 12	145	C		8A		58	JOHN W. TRAMMELL	3 7	
ASHDOWN	0286	LITTLE RIVER	REO	33 40	94 08	329	C	8A	8A	4	4	SOUTHWESTERN G & E	2 3 5	
ATHENS	0300	HOWARD	RED	34 19	93 58	950	C		7A		0	ARRA D. PARKER	3	
ATLANTA	0310	COLUMBIA	OUACHITA	33 07	93 02	329	C		MID		3	MISS EFFIE PERRY	3 4	
AUGUSTA	0326	WOODRUFF	WHITE	35 17	91 22	218	C		7A		13	DAVID G. GRIFFITHS	3 4	
BATESVILLE AIRWAY	0456	INDEPENDENCE	WHITE	35 46	91 39	363	C	MID	MID	40	40	AIRWAY OBSERVER	2 3 5	
BATESVILLE LIVESTOCK	0458	INDEPENDENCE	WHITE	35 49	91 47	571	C	9A	9A	7	7	UNIV. OF ARKANSAS	2 3 5	
BATESVILLE L & D 1	0460	INDEPENDENCE	WHITE	35 45	91 38	277	C		7A		35	B. M. HUDDLESTON	3 4 7	
BEAR CREEK LAKE	0496	LEE	WHITE	34 43	90 42	220	C		MID		2	SOIL CONSER. SERVICE	3 4	
BEATY LAKE	0512	ST. FRANCIS	ST. FRANCIS	35 05	90 43	400	C		5P		7	L. G. ADAMSON	3	
BEAVER	0518	CARROLL	WHITE	36 28	93 46	930	C		7A		3	H. E. SKELTON	3 7	
BEE BRANCH	0528	VAN BUREN	ARKANSAS	35 27	92 24	650	C	5P	5P	56	56	MINNIE SCANLAN	2 3 5	
BEEBE	0530	WHITE	WHITE	35 04	91 54	250	C		MID		5	JP. AG. COLLEGE	3 4	
BEECH GROVE	0534	GREENE	WHITE	36 09	90 38	298	C		8A		7	B. B. HAMMOND	3	
BEEDEVILLE	0536	JACKSON	WHITE	35 26	91 06	221	C		8A		8	P. M. BRECKINRIDGE	3	
BENTON	0582	SALINE	SALINE	34 33	92 37	285	C	7A	7A	19	19	MRS. ETTA C. BURKS	2 3 5 7	
BENTONVILLE	0586	BENTON	ARKANSAS	36 22	94 13	1295	C	8A	8A	42	42	E. L. BROWN	2 3 5	
BERRYVILLE	0616	CARROLL	WHITE	36 22	93 34	1255	C		MID		5	LUCILLE R. MC WETHY	3 4	
BETHESDA	0644	INDEPENDENCE	WHITE	35 49	91 47	500	C	8A	8A	8	8	SOIL CONSER. SERVICE	2 3 5 6	
BIG FLAT	0662	BAXTER	WHITE	36 00	92 24	1250	C		7A		2	W. C. NORMAN	3	
BIG FORK	0664	POLK	OUACHITA	34 29	93 58	1100	C		4P		4	ANNA M. LILES	3	
BIG LAKE OUTLET	0676	MISSISSIPPI	ST. FRANCIS	35 51	90 08	239	C		7A		3	N. W. DOUGLAS	3	
BLACK ROCK	0746	LAWRENCE	WHITE	36 07	91 06	259	C		7A		46	J. H. RAGAN	3 7	
BLUE MOUNTAIN DAM	0798	YELL	ARKANSAS	35 06	93 39	-	C		MID		8	CORPS OF ENGINEERS	3 4	
BLYTHEVILLE	0806	MISSISSIPPI	ST. FRANCIS	35 56	89 55	252	C	7A	7A	22	22	R. E. BLAYLOCK	2 3 5	
BOONEVILLE 3 MI S.W.	0828	LOGAN	ARKANSAS	35 09	93 58	465	C	6P	6P	33	33	NOVA RAE BURDOCK	2 3 4 5	
BOONEVILLE	0830	LOGAN	ARKANSAS	35 09	93 55	511	C		6A		7	CLEO E. YANDELL	3	
BOTKINBURG	0842	VAN BUREN	WHITE	35 39	92 30	1200	C		MID		3	THOMAS M. PEARSON	3 4	
BOUGHTON	0848	NEVADA	OUACHITA	33 52	93 18	235	C		8A		13	MAXINE K. ALLEN	3 7	
BRADFORD	0872	WHITE	WHITE	35 25	91 28	240	C		7A		3	MARSHALL HICOMON	3	
BRINKLEY	0936	MONROE	WHITE	34 54	91 11	205	C	7A	7A	57	57	ROBERT L. GLOVER	2 3 4 5	
BULL SHOALS DAM	1020	BAXTER	WHITE	36 22	92 34	760	C		MID		1	CORPS OF ENGINEERS	3 4	
BURDETTE	1052	MISSISSIPPI	MISSISSIPPI	35 49	89 56	240	C		6P		4	G. A. HALE	3	
CABOT	1102	LONOKE	WHITE	34 59	92 01	289	C		6P		3	B. M. WALTHER	3	
CALICO ROCK	1132	IZARD	WHITE	36 08	92 08	380	C		7A		43	WILLIAM JONES	3 7	
CAMDEN 1	1152	OUACHITA	OUACHITA	33 36	92 49	116	C	7A	7A	58	58	MRS. M. P. BIGGERD	2 3 5 7	
CAMOEN 2	1154	OUACHITA	OUACHITA	33 35	92 51	155	C		MID		6	EDITH Z. LEHMAN	3 4	
CAMP CHAFFEE	1172	SEBASTIAN	ARKANSAS	35 18	94 18	419	C	8A	8A	6	6	U. S. ARMY	2 3 5 5	
CANAAN	1188	SEARCY	WHITE	35 52	92 44	-	C		MID		8	FRONEY DELL HORTON	3 4	
CARLISE	1224	LONOKE	ARKANSAS	34 47	91 45	235	C		8A		7	R. W. HOLLIS	3	
CARPENTER DAM	1238	GARLAND	OUACHITA	34 27	93 01	-	C		MID		8	ARK. P. L. CO.	3 4	
CLARENDON	1442	MONROE	WHITE	34 41	91 18	172	C		7A		44	B. F. NORTHERN	3 7	
CLARKSVILLE	1456	JOHNSON	ARKANSAS	35 29	93 28	370	C		MID		8	THOMAS L. SMITH	3 4	
CLINTON	1492	VAN BUREN	WHITE	35 35	92 28	510	C		7A		26	EARL B. RIDDICK	3	
COLD SPRINGS	1520	SCOTT	OUACHITA	34 58	93 54	1250	C		7A		7	MARGARET ZORNES	3	
COMBS	1574	MADISON	WHITE	35 50	93 50	1400	C		MID		8	ROSA J. COMBS	3 4	
COMPTON	1582	NEWTON	WHITE	36 06	93 18	895	C		MID		5	WILLIAM L. BINAM	3 4	
CONWAY	1596	FAULKNER	ARKANSAS	35 05	92 27	293	C	5P	5P	64	64	G. Y. SHORT	2 3 5 5	
CORNING	1632	CLAY	WHITE	36 24	90 35	309	C	7A	7A	54	54	MRS. LAURA POLK	2 3 4 5	
COTTER	1640	MARION	WHITE	36 14	92 31	440	C		8A		20	O. B. MC SPADDEN	3 7	
COVE	1666	POLK	REO	34 26	94 25	1050	C		7A			WILLIAM M. RAYMOND	3	
CROSSETT	1730	ASHLEY	OUACHITA	33 02	91 56	175	C	5P	5P	25	35	U. S. FOREST SERVICE	2 3 5	
CRYSTAL VALLEY	1750	PULASKI	ARKANSAS	34 42	92 26	350	C		7A		6	VIRDA BYRD	3	
CULPEPPER	1756	VAN BUREN	WHITE	35 30	92 33	750	C		7A		4	MRS. LIZZIE THOMPSON	3	
CUMMINS FARM	1768	LINCOLN	ARKANSAS	34 08	91 35	176	C	7P	7P	4	4	T. C. COGBILL	2 3 5	
DAISY	1814	PIKE	OUACHITA	34 14	93 45	629	C		MID		6	ROBERT T. TEDDER	3 4	
DANVILLE	1834	YELL	ARKANSAS	35 03	93 24	370	C		7A		32	J. A. MOUDY	3 7	
DARDANELLE	1838	YELL	ARKANSAS	35 13	93 09	330	C		7A		62	GEORGE N. GOODLER	2 3 5 7	
DE QUEEN	1948	RED	RED	34 02	94 21	426	C	6P	6P	14	14	L. O. MC COWN	2 3 5	
DENVER	1956	CARROLL	WHITE	36 23	93 18	1028	C		MID		6	CLARENCE E. COLLINS	3 4	
DERMOTT	1960	CHICOT	MISSISSIPPI	33 31	91 26	140	C		8A		8	L. W. WILSON	3	
DES ARC	1968	PRAIRIE	WHITE	34 58	91 30	204	C	7A	7A	12	12	C. J. RISTER	2 3 5	
DEVILS KNOB	1982	JOHNSON	ARKANSAS	35 43	93 24	2350	C	5P	5P	11	11	ARCHIE BRADLEY	2 3 5	
DUMAS 1	2148	DESHA	MISSISSIPPI	33 53	91 30	162	C	7P	7P	41	41	BEN JOHNSON	2 3 5	
DUMAS 2	2150	DESHA	MISSISSIPPI	33 53	91 30	-	C		MID		5	BETTY R. HOLMES	3 4	
DURHAM	2176	WASHINGTON	WHITE	35 57	93 59	1243	C		MID		8	ANNIE A. WHITE	3 4	
EAGLE GAP	2204	SCOTT	ARKANSAS	34 43	94 19	1150	C		8A		21	MRS. MINA C. RABB	3	
EL DORADO	2300	UNION	OUACHITA	33 13	92 40	278	C	7A	7A	47	47	AYLMER H. MC BRIDE	2 3 5	
ELKINS	2315	WASHINGTON	WHITE			1364	C		6	0	0	HERBERT S. CLARK	2 3 5	
EUREKA SPRINGS	2356	CARROLL	WHITE	36 24	93 45	1465	C	6P	6P	46	46	GEORGE W. NICHOLDS	2 3 5	
EVENING SHADE	2366	SHARP	WHITE	36 05	91 37	490	C		7A			OPHA WOLFE	3	
FAYETTEVILLE	2442	WASHINGTON	WHITE	36 05	94 10	1370	C	7P	7P	10	10	CHARLES F. FORD	2 3 5	
FAYETTEVILLE EXP. STN.	2444	WASHINGTON	WHITE	36 06	94 10	1412	C	5P	5P	60	60	UNIV. OF ARKANSAS	2 3 5	
FOROYCE	2540	OALLAS	OUACHITA	33 42	92 22	280	C		5P		16	ARK. FOR. COM.	2 3 5	
FOREMAN	2544	LITTLE RIVER	RED	33 43	94 24	400	C		MID		8	LESLIE P. CALLONS	3 4	
FORESTER	2556	SCOTT	ARKANSAS	34 46	93 49	650	C		7P		7	A. L. MC CRAW	3	
FORREST CITY	2564	ST. FRANCIS	ST. FRANCIS	35 02	90 46	260	C		MID		8	THOMAS A. MOORE	3 4	
FORT SMITH WB AP	2574	SEBASTIAN	ARKANSAS	35 20	94 22	458	C	MID	MID	66	66	U. S. WEATHER BUREAU	2 3 4 5	
FORT SMITH WTR PLNT	2578	CRAWFORD	ARKANSAS	35 39	94 09	793	C		7A		10	R. J. SCHOEPE	3 4	
FOUNTAIN HILL	2598	ASHLEY	OUACHITA	33 21	91 50	175	C		8A		5	JETHRO R. DEWSON	3	

STATION INDEX - Continued

ARKANSAS
DECEMBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	O / LAT.	O / LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
FULTON	2670	HEMPSTEAD	RED	33 37	93 48	260	C		8A		62		INA . LOGAN	3 7
GARLAND	2710	MILLER	RED	33 21	93 42	230	C		7A		4		L. D. DENNEY	3
GEORGETOWN	2760	WHITE	WHITE	35 07	91 26	200	C		7A		35		J. S. MC DONALD	3 7
GILBERT	2794	SEARCY	WHITE	35 59	92 43	1523	C	7A	7A	22	22		AUL M. JORDAN	2 3 4 5 7
GLENWOOD	2842	PIKE	OUACHITA	34 20	93 33	547	C		8A		13		CHARLES A. PRICE	3 7
GRANNIS	2908	POLK	RED	34 14	94 20	920	C	7A	7A	22	22		W. E. MC VAY	2 3 5
GRAVELLY	2922	YELL	ARKANSAS	34 53	93 41	498	C		7A		8		HAROLD L. FRIZZELL	2 3 5
GRAVETTE	2930	BENTON	ARKANSAS	36 36	94 32	1250	C	6P	6P	50	50		J. A. SCHMIDT	2 3 5
GREEN FOREST	2946	CARROLL	WHITE	36 20	93 26	1350	C		7A		8		OBED B. WILSON	2 3 5
GREEN MOUNTAIN	2952	STONE	WHITE	36 02	92 12	1100	C	5P	5P	10	10		U. S. FOREST SERVICE	2 3 5
GREENBRIER	2962	FAULKNER	ARKANSAS	35 14	92 14	360	C		7A		5		J. O. CANTRELL	3
GREENWOOD	2976	SEBASTIAN	ARKANSAS	35 13	94 15	518	C		7A		8		DOROTHY M. BEEN	3
GURDON	3074	CLARK	OUACHITA	33 54	93 09	210	C		7A		0		ROY S. ROBBES	3
HAMPTON	3098	CALHOUN	OUACHITA	33 32	92 28	202	C		7A		0		BILL S. WATSON	3
HARDY	3132	SHARP	WHITE	36 19	91 29	362	C		MID		8		T. B. DONALDSON	3 4
HARRISBURG	3160	POINSETT	ST. FRANCIS	35 34	90 44	280	C		MID		7		JOHN D. MAY	3 4
HARRISON	3164	BOONE	WHITE	36 14	93 07	1052	C	6P	6P	47	47		R. C. BEENE	2 3 4 5
HEBER SPRINGS 3 MI. S.W.	3230	CLEBURNE	WHITE	35 28	92 03		C		MID		6		WAYNE STARK	3 4
HECTOR	3235	POPE	ARKANSAS	35 28	92 58	555	C		7A		0		NETTIE R. ALTER	3 4
HELENA	3242	PHILLIPS	MISSISSIPPI	34 32	90 35	200	C	7A	7A	75	75		JAMES A. BURNETT	2 3 5 7
HENDERSON	3258	BAXTER	WHITE	36 22	92 14	498	C		6P		7		DAISY A. PORTER	3
HILLEMANN	3354	WOODRUFF	WHITE	35 08	91 05	231	C		6P		5		JOHN B. MAULDIN	3
HOPE	3428	HEMPSTEAD	RED	33 43	93 33	375	C	7A	7A	77	77		UNIV. OF ARKANSAS	2 3 5 6
HOPPER	3438	MONTGOMERY	OUACHITA	34 22	93 41	700	C		7A		0		MRS. LONA A. SHIELDS	3
HORATIO	3442	SEVIER	RED	33 56	94 22	337	C		6A		2		ELIZABETH W. FRIDAY	3
HOT SPRINGS NATL. PARK	3466	GARLAND	OUACHITA	34 31	93 03	630	C	7A	7A	55	55		NATIONAL PARK SERVICE	2 3 5
HUNTSVILLE	3540	MADISON	WHITE	36 05	93 44	1453	C		MIO		8		MRS. MAY P. MARKELY	3 4
HUTTIG DAM	3556	UNION	OUACHITA	33 02	92 05	60	C		8A		8		CORPS OF ENGINEERS	3 4
ICELEDO	3570	NEWTON	WHITE	35 52	92 59	1365	C		5P		4		LOY E. HILL	3
INDEX	3584	LITTLE RIVER	RED	33 35	94 03	300	C		8A		23		W. E. MC DOWELL	3 7
JASPER	3600	NEWTON	WHITE	36 01	93 11	857	C		7A				MRS. LETTIE D. DAVIS	3
ONESBORO	3734	CRAIGHEAD	WHITE	35 50	90 42	345	C	7A	7A	52	52		BENEDICTINE SISTERS	2 3 5
KEO	3862	LONOKE	ARKANSAS	34 36	92 00	230	C		7P				R. A. WALLER	2 3 5 4
KINGSLAND	3904	CLEVELAND	OUACHITA	33 50	92 16	214	C		MID		5		CLAUDIE W. HUNTER	3
LAKE CITY	3998	CRAIGHEAD	ST. FRANCIS	35 49	90 26	230	C		4P		8		TRESSA ST. CLAIR	3
LAKE LEATHERWOOD	4006	CARROLL	WHITE	36 27	93 46	-	C		MID		3		CECIL E. MABERRY	3 4
LANGLEY	4060	PIKE	OUACHITA	34 19	93 50	-	C		7P		4		MRS. J. A. JONES	3
LEAD HILL	4106	BOONE	WHITE	36 24	92 54	650	C	7P	7P	42	42		F. W. KELLOGG	2 3 5
LEE CREEK	4116	CRAWFORD	ARKANSAS	35 42	94 19	1000	C		7A		2		ORPHA W. COOKSEY	3
LEOLA	4134	GRANT	OUACHITA	34 10	92 35	261	C		7A		5		J. R. RHODES	3
LITTLE ROCK WB AIRPORT	4248	PULASKI	ARKANSAS	34 44	92 14	257	C	MID	MID	68	68		U. S. WEATHER BUREAU	2 3 4 5 7
LITTLE ROCK FILT. PLANT	4250	PULASKI	ARKANSAS	34 46	92 19	512	C		MID				L. R. WATER WORKS	3
LOCK AND DAM NO. 3	4256	INDEPENDENCE	WHITE	35 51	91 51	370	C		7A				EO ANSEL	3 3
LOST CORNERS	4324	POPE	WHITE	35 54	92 50	1550	C		7A				CATH. T. RUSSELL	3 3
LOUANN	4332	OUACHITA	OUACHITA	33 24	92 48	132	C		6P		4		CHARLES S. CURRAN	3
LURTON	4386	NEWTON	WHITE	35 46	93 05	2007	C		8A				I. C. SUTTON	3
LUTHERVILLE	4390	JOHNSON	ARKANSAS	35 29	93 15	775	C	6P	6P	51	51		MRS. H. G. LENHAROT	2 3 5
MADISON	4528	ST. FRANCIS	ST. FRANCIS	35 00	90 43	215	C		7A		17		J. W. EPPES	2 3 7
MAGNOLIA	4548	COLUMBIA	RED	33 17	93 14	315	C	6P	6P	31	31		STATE AGRI. SCHOOL	2 3 4 5
MALVERN	4562	HOT SPRINGS	OUACHITA	34 22	92 49	311	C		8A	52	52		JODIE W. MC MULLEN	3
MAMMOTH SPRING	4572	FULTON	WHITE	36 29	91 32	600	C	8A	8A	43	43		CATHERINE S. COX	2 3 5
MARIANNA	4638	LEE	ST. FRANCIS	34 44	90 49	234	C	8A	8A	36	36		UNIV. OF ARKANSAS	2 3 4 5
MARKED TREE	4654	POINSETT	ST. FRANCIS	35 32	90 25	229	C	7A	7A	43	43		MR. WILLIAM M. CRICK	2 3 5 7
MARSHALL	4666	SEARCY	WHITE	35 55	92 43	1050	C	6P	6P	29	29		MRS. MINNIE HORTON	2 3 5
MARVELL	4678	PHILLIPS	WHITE	34 33	90 55	195	C		8A				J. D. LOWRIE	3
MAUMEE	4696	SEARCY	WHITE	36 03	92 39	749	C		MID		8		NAOINE F. DAVENPORT	3 4
MELBOURNE	4746	IZARD	WHITE	36 04	91 54	610	C		7A		3		WALTER E. HALL	3
MENA	4756	POLK	OUACHITA	34 35	94 15	1207	C	7A	7A	59	59		E. W. ST. JOHN	2 3 4 5
MONTICELLO	4900	OREW	OUACHITA	33 35	91 50	250	C	MID	MID	7	7		AIRWAY OBSERVER	2 3 4 5
MONTROSE	4906	ASHLEY	OUACHITA	33 18	91 29	125	C		MID		5		JAMES L. ALSOBROOK	3 4
MOROBAY LOCK AND DAM	4934	CALHOUN	OUACHITA	33 19	92 27	85	C		6P		8		CORPS OF ENGINEERS	3 4
MORRILTON	4938	CONWAY	ARKANSAS	35 08	92 44	328	C	7A	7A	31	31		L. A. DICUS	2 3 5 7
MOUNT IDA 1	4988	MONTGOMERY	OUACHITA	34 33	93 37	702	C	6P	6P	48	48		J. S. WHITTINGTON	2 3 5
MOUNT IDA 2	4990	MONTGOMERY	OUACHITA	34 33	93 37	-	C		MIO		4		JOHN WALLBRITTON	2 3 4
MOUNTAIN HOME	5036	BAXTER	WHITE	36 20	92 30	800	C	7P	7P	35	35		H. N. HALBERT	2 3 4 5
MOUNTAIN VIEW	5046	STONE	WHITE	35 52	92 07	768	C		7A		8		W. D. WORTHINGTON	3
MOUNTAINBURG	5056	CRAWFORD	ARKANSAS	35 38	94 10	736	C		6P		10		C. A. LOVELL	3
MULBERRY	5072	FRANKLIN	ARKANSAS	35 34	94 01	500	C		7A		8		HENRY G. ARVIN	3
MURFREESBORO	5078	PIKE	OUACHITA	34 04	93 41	367	C		MID		8		BRUCE J. BABBITT	2 3 5
NASHVILLE	5112	HOWARD	REO	33 58	93 51	350	C	7P	7P	9	9		ERNEST J. CARRUTH	2 3 5
NASHVILLE S C S	5114	HOWARD	RED	33 57	93 51	373	C		MID		4		SOIL CONSER. SERVICE	3 4
NEWHOPE	5174	PIKE	OUACHITA	34 14	93 50	850	C		7A		8		FLOYD WOOD	3
NEWPORT	5186	JACKSON	WHITE	35 36	91 17	225	C	7A	7A	64	64		WILLIS T. MOYER	2 3 5 7
NIMROD DAM	5200	PERRY	ARKANSAS	34 57	93 10	470	C	8A	8A	6	6		CORPS OF ENGINEERS	2 3 4 5 6
NORFOLK DAM	5228	BAXTER	WHITE	36 15	92 15	425	C	8A	8A	2	7		CORPS OF ENGINEERS	2 3 4 5 6
ODELL	5354	WASHINGTON	ARKANSAS	35 48	94 24	1500	C		7A				MRS. RENZO HURST	3
ODEN	5358	MONTGOMERY	OUACHITA	34 38	93 48	800	C		MID		20		U. S. FOREST SERVICE	3
OKAY	5376	HOWARD	REO	33 44	93 56	300	C	5P	5P	19	19		J. T. HARGIS	2 3 5
OSCEOLA	5480	MISSISSIPPI	MISSISSIPPI	35 43	89 58	250	C		8A		47		C. E. CARTER	3
OWENSVILLE	5498	SALINE	OUACHITA	34 27	92 49	500	C		8A		4		GUY COOK	3
OZARK	5508	FRANKLIN	ARKANSAS	35 29	93 50	396	C	6A	6A	52	52		ORKNEY O. MILTON	2 3 5 7
PARAGOULO	5562	GREEN	ST. FRANCIS	36 04	90 29	275	C	4P	4P	24	24		KDPS	2 3 5
PARKIN	5586	CR095	ST. FRANCIS	35 16	90 35	222	C		7A		17		CARROLL KING	3 7
PERRYVILLE	5694	PERRY	ARKANSAS	35 00	92 49	325	C	6P	6P	8	8		PAULINE BENNETT	2 3 5
PINE BLUFF	5754	JEFFERSON	ARKANSAS	34 12	92 00	215	C	7A	7A	60	60		MARY T. SCHEU	2 3 5 7
PINE BLUFF CAA	5756	JEFFERSON	ARKANSAS	34 10	91 56	215	C	MID	MID				CAA	3 4
PINE RIOGE	5760	MONTGOMERY	OUACHITA	34 35	93 54	840	C		7A		23		J. R. HUDDLESTON	3
POCAHONTAS	5820	RANDOLPH	WHITE	36 16	90 59	330	C	5P	5P	54	54		BENEDICTINE SISTERS	2 3 5
PORTLAND	5866	ADLEY	OUACHITA	33 14	91 30	122	C	7A	7A	41	41		MRS. PEARL NEWTON	2 3 5

STATION INDEX - Continued

ARKANSAS
DECEMBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT.	LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
PRESCOTT PRESCOTT S C S PYATT RATCLIFF RAVANA	5908 5910 5970 6008 6016	NEVAOA NEVAOA MARION LOGAN MILLER	OUACHITA OUACHITA WHITE ARKANSAS REO	33 48 33 48 36 16 35 18 33 04	93 23 93 23 92 51 93 53 94 02	318 - 800 463 250	C C C C C	7A MIO MIO 7A MIO	59 7 6 3 8	59 7 6 3 8		R. P. HANBY W. L. MC LEAN ONA V. MC LEAN LULA MAE WEEKS ARNICE O. TAYLO	2 3 5 3 4 3 4 3 3 4	
REO STAR REMMEL OAM RISON ROCKHOUSE ROGERS	6078 6102 6174 6214 6248	MAOISON HOT SPRING CLEVELAND MAOISON BENTON	WHITE OUACHITA OUACHITA WHITE WHITE	35 51 34 26 33 48 36 17 36 18	93 31 92 54 92 11 93 40 94 02	2250 - 231 1214 1387	C C C C C	7A MIO 8A 7A 6P	5 8 32 2 57	5 8 32 2 57		ORVAL F. CALLOWAY ARK. P. & L. CO. J. H. YANEY CLAUDE O. SISCO HOWARD FISLER	CLOSED 10/4/48 3 4 3 3 2 3 5	
RUSSELLVILLE SAINT CHARLES SAINT FRANCIS SAINT FRANCIS LAKE SEARCY	6352 6376 6380 6382 6506	POPE ARKANSAS CLAY CLAY WHITE	ARKANSAS WHITE ST. FRANCIS ST. FRANCIS WHITE	35 18 34 23 36 27 35 15	93 08 91 08 90 08 91 44	360 200 300 245	C C C C	5P 8A 7A 7P	35 14 20 37	35 14 20 37		U. S. FOREST SERVICE U. S. BIOL. SURVEY WILLIAM S. BUCKLEY CHARLES W. WALTON ARTHUR O. SMITH	2 3 5 6 2 3 5 3 7 7 2 3 5	
SHERIDAN SHIRLEY SILOAM SPRINGS SMITHVILLE STAR CITY	6566 6586 6624 6698 6820	GRANT VAN BUREN BENTON LAWRENCE LINCOLN	OUACHITA WHITE WHITE WHITE OUACHITA	34 27 35 38 36 11 36 05 33 57	92 21 92 17 94 33 91 18 91 50	290 600 1150 450 250	C C C MIO C	6P 6P 6P MIO 2P	7 8 7 2 5	7 8 7 2 5		ARK. FORESTRY COM. MAUD H. BRAOORO JOHN BROWN UNIVERSITY NORA F. RUOY R. A. GOYEN	2 3 5 3 2 3 5 3 4 3	
STEVE STORY STUTTART STUTTART 9 MI. ESE. SUBIACO	6856 6890 6918 6920 6928	YELL MONTGOMERY ARKANSAS ARKANSAS LOGAN	ARKANSAS OUACHITA ARKANSAS ARKANSAS ARKANSAS	34 53 34 42 34 29 34 28 35 18	93 19 93 31 91 32 91 25 93 39	682 650 214 198 500	C C C C C	7A 7A 7A 7A 7P	4 23 60 12 49	4 23 60 12 49		T. P. SIMS S. C. STORY GEORGE L. CLARK UNIV. OF ARKANSAS NEW SUBIACO ABBEY	3 3 2 3 5 2 3 4 5 6 2 3 5	
SUGAR GROVE SUGAR LOAF MOUNTAIN TAYLOR TEXARKANA WB AIRPORT TINSMAN	6940 6944 7038 7048 7118	LOGAN CLEBURNE COLUMBIA MILLER CALHOUN	ARKANSAS WHITE REO REO OUACHITA	35 04 35 29 33 06 33 27 33 38	93 48 91 58 93 27 94 00 92 21	500 300 247 368 170	C C C MIO C	9A 7A 6P MIO 7A	8 3 5 63 5	8 3 5 63 5		O. R. FENNEL SANTFRED REYNOLDS YANCY M. NORWOOD U. S. WEATHER BUREAU HENRY S. SPEER	3 3 3 2 3 4 5 3	
TURNPIKE VAN BUREN VICK VIOLA WALORON	7262 7370 7420 7450 7488	POPE CRAWFORD BRAOLEY FULTON SCOTT	ARKANSAS ARKANSAS OUACHITA WHITE ARKANSAS	35 40 35 26 33 19 36 24 34 54	93 05 94 21 92 09 91 59 94 06	2087 - 115 692 675	C C C C C	6P C 6P 7A 5P	23 - 6 7 28	23 - 6 7 28		U. S. FOREST SERVICE BEN CORNELUS WILLARD K. SHARP A. F. KING WILLIAM O. BIVENS	2 3 5 7 3 3 2 3 4 5	
WALNUT GROVE WARREN WEDINGTON LAKE WEST FORK WHEELING	7524 7582 7638 7694 7744	INOEPENOECE BRAOLEY WASHINGTON WASHINGTON FULTON	WHITE OUACHITA ARKANSAS WHITE WHITE	35 51 33 36 36 06 35 55 36 19	91 21 92 04 94 23 94 11 91 52	250 206 1150 1340 680	C C C MIO C	6P 6P MIO MIO MIO	7 53 3 8 8	7 53 3 8 8		A. H. FAST C. N. TURNER HARRY E. BIRKINSHA MRS. N. C. THRELKELO THOMAS W. CONE	3 2 3 5 3 4 3 4 3 4	
WHITECLIFFS WHITE ROCK WILSON WINFREY WING	7812 7772 7912 7936 7950	LITTLE RIVER FRANKLIN MISSISSIPPI CRAWFORD YELL	REO ARKANSAS MISSISSIPPI ARKANSAS ARKANSAS	33 48 35 41 35 34 35 44 34 57	94 03 93 57 90 02 94 06 93 28	290 2285 237 1152 350	C C C C C	7A 5P 7A MIO MIO	11 11 22 8 5	11 11 22 8 5		L. M. SNEAO U. S. FOREST SERVICE O. O. ANDERSON CLYDE F. MEADORS MILES B. TURNER	3 7 2 3 5 2 3 5 3 4 3 4	
WYNNE YELLVILLE NATHAN & MI. N.W. PARTHENON BLUFF CITY	8052 8084 5158 5602 0800	CROSS MARION HOWARD NEWTON NEVAOA	ST. FRANCIS WHITE OUACHITA ARKANSAS OUACHITA	35 13 36 13 34 07 35 57 33 41	90 46 92 41 93 52 93 15 93 09	260 900 550 925 360	C C C C C	6P 7A 7A MIO 7A	39 3 0 8 -	39 3 0 8 -		P. G. QUEENSBERRY L. E. JOHNSON EONA J. WESTFALL ARTHUR B. CARLTON R. P. PLYLER	2 3 5 3 3 3 4 3	
JESSIEVILLE SPARKMAN MOUNT MAGAZINE BUFFALO TOWER ROSEBUO	3704 6768 1010 6278	GARLANDO OALLAS LOGAN NEWTON	OUACHITA OUACHITA ARKANSAS ARKANSAS	33 42 33 55 35 10 35 52 35 20	93 04 92 48 93 41 93 30 92 04	730 260 2800 - -	C C C C C	7A 6P 7P 7A 6P	9 5 0 0 -	9 5 0 0 -		MRS. VELMA R. DUNN MRS. RACHEL M. BUTLER U. S. FOREST SERVICE MISS BEULAH FRIENO MR. HAPDEN L. LILES	3 3 2 3 5 3 3	

REFERENCE NOTES

- The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.
- Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late for inclusion in this issue.
- Delayed data and corrections will be carried only in the June and December issues of this bulletin.
- Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.
- When hourly precipitation is missing for several days, only the first and last days are shown in Table 4.
- When hourly precipitation is accumulated over a period of 3 or more calendar days, with unknown hourly or daily distribution, the first and last days are shown in Table 4.
- No record.
- + And also on later dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- 6 Precipitation measured at 6-hourly intervals, no recording gage.
- AR This entry in time of observation column in Station Index means "after rain".
- B Adjusted to a full month.
- E Water-equivalent of snowfall wholly or partially estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record.
- R Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.
- T Trace, an amount too small to measure.
- Z Hourly amounts from recording gage at the same site may be found in Table 4.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, river stages in feet, and wind movement in miles.

Data in Table 4 were formerly published in the Hydrologic Bulletin for Lower Mississippi - West Gulf. Amounts in this table are from recording gages. Races are not shown.

Subscription Price: 15 cents per copy; \$1.50 a year. (Yearly subscription includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, Room 9, U. S. Court House, Fort Worth 2, Texas.

U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS

ANNUAL SUMMARY 1948

Volume LIII No. 13



Walter C. Hickmon, Section Director - Little Rock

GENERAL SUMMARY

The year 1948 for the State as a whole showed a deficiency in temperature of one degree, and in precipitation 1.64 inches in excess of the average for the past 58 years. The dependence of agriculture upon the weather was clearly demonstrated during the 1948 crop season. During the Spring and Summer months rainfall was nearly normal, January and April being the only months with a negative departure; and at the close of August the accumulated excess was 3.16 inches. Temperatures during the Spring and Summer were below normal, April and June being the only months with a positive temperature departure. March set new low records, with Gravette and Lead Hill reporting 14° below zero, and snowfall averaged 1.4 inches, with 12 to 14 inches in northwestern counties. This cold weather during March retarded vegetation and held fruit and berry development in check, resulting in excellent crops. In April there was a marked reaction to warm dry weather, and several stations set high records. Farming made rapid progress during the month, planting being completed, and most crops were up to good stands by the close of the month. May, June, July and August were favorable for agriculture, with showers occurring at frequent intervals. Crops made excellent progress. Cotton, corn, soybeans, rice and hay crops were the best in years. September and October were dry, cool and favorable for maturing and harvesting. Killing frosts occurred over much of the State on October 18, but crops were generally matured and damage was slight. There was too much rain in November, delaying cotton picking. Rain continued in December and some of the bumper cotton crop was unpicked at the close of the year. Rice threshing was completed during December. The year as a whole was extremely favorable for agriculture.

TEMPERATURES

The mean temperature for the year was 60.4°, which is 1° below the 58-year average. January was the coldest month of the year, the January mean temperature being 33.5°, which is 7.6° below normal. The lowest temperatures occurred in March, with 14° below zero at Gravette and Lead Hill. These are the lowest March temperatures on record in Arkansas. July was the warmest month of the year, with a mean temperature of 80.5°. This is exactly normal. The highest temperatures occurred in August, 108° at Magnolia on August 13 being the highest reported in the state during 1948. El Dorado reported 105° on August 15. All maximum temperatures were well within the limits established by previous years.

PRECIPITATION

The total rainfall for 1948 was 50.09 inches, which is 1.64 inches above the 58-year average. February was the wettest month, with an average rainfall of 6.08 inches. September was the driest with 0.88 inch. The greatest annual total was 70.56 inches at Stuttgart; the least, 31.46 inches at Fort Smith. The greatest monthly total for any individual station was 15.16 inches at West Fork in August. Compton had no rain during September, and numerous stations had only a trace. Precipitation throughout the year was ample for diversified agriculture.

STORMS

A glaze storm starting January 26 in the two southern tiers of counties, disrupted communication lines, power lines, transportation, and damaged forests and roads, the total damage being estimated at near \$20,000,000.

A small tornado occurred March 25 in Crawford and Washington Counties, doing property damage estimated at \$14,000. At about the same time tornadoes occurred at Booneville and Caulksville in Logan County, with \$5,000 damage

GENERAL SUMMARY (Continued)

reported. Thunderstorm and high wind damage on March 30 was about \$5,000. A severe local thunderstorm in April did property damage estimated at \$36,000. A severe thunderstorm and heavy hail at Union, Ouachita, Calhoun and Bradley Counties on April 8 did extensive damage estimated at \$1,100,000. Heavy hail in Washington County on May 15 did damage estimated at \$50,000. There was one death due to lightning in Conway County on May 5. Hail damage in Pike County on June 6 was \$33,000. Lightning set fire to storage facilities of an oil refinery in El Dorado on June 6, and damage estimated at \$10,000 resulted. During a violent thunderstorm at Little Rock on June 16 wind damage of \$20,000 occurred, and elsewhere over the state additional \$25,000 damage occurred on this date. At Stuttgart on August 26 a wind storm did \$5,000 property damage. Property damage at Pine Bluff and Forrest City during August amounted to \$35,000, and thunderstorm and wind damage in November was approximately \$140,000.

FLOODS

There were minor floods on the Petit Jean, Ouachita and Lower White Rivers in February, but loss was small. Minor floods in March occurred on all rivers, being most serious on the Ouachita, where several thousand acres were inundated in the Camden area. Minor floods and slight damage occurred in April. The most destructive flood of the year, but which did not reach major proportions, occurred in June on the Arkansas, White, Black and Ouachita. Considerable crop damage resulted, but the water receded in time for replanting. For the year as a whole, the flood loss was not large, and floods were not of major proportions. (WCH)

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nation-wide net of rain gages, mostly of the recording type, which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

ARKANSAS
1948

Table 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure
ALUM FORK	34.5	- 6.1	42.7M	- 2.1	51.2	- 1.9	66.4	4.8	69.2	- 1.1	77.9M	1.6	80.4	0.2	77.9	- 1.9	73.5	- 0.3	61.9	- 2.2	52.3M	- 0.8	45.0	1.2	61.1	- 0.4
ARKADELPHIA	34.0	- 9.8	42.8	- 3.1	52.5	- 3.3	67.1	4.7	70.4	- 0.4	77.7	1.6	83.1	1.9	79.5	- 1.5	74.3	- 1.9	60.6	- 3.8	50.6M	- 2.6	45.7	1.2	61.7	- 1.4
ASHOWN	34.5		41.2M		51.1		66.6		70.1		78.8		81.3		79.7		73.3M		61.6		50.4		46.5M		61.3	
BATESVILLE AIRWAY	32.4	- 6.1	41.0	- 0.2	48.9	- 1.5	64.6	5.3	66.9	- 0.7	75.9	- 0.4	79.5	- 0.7	77.7	- 1.6	72.1	- 0.8	58.8	- 2.4	50.6	1.5	43.2	2.5	59.5	- 0.4
BATESVILLE LIVEST.	31.6		39.4		49.4		65.4M		69.9		74.8		78.1M		76.2M		71.7		57.6		49.2		41.7		58.4	
BEE BRANCH	33.0	- 7.5	41.0	- 1.7	49.9	- 1.4	65.1	4.4	67.7	- 0.6	75.6	- 1.1	79.2	- 2.0	77.6	- 2.4	73.1	- 1.2	60.4	- 2.2	50.6	- 0.1	43.0	1.0	59.7	- 1.2
BENTON	30.4	- 9.2	39.2	- 3.9	50.0	- 2.6	64.8	4.3	68.0	- 0.2	76.8	0.1	80.8	0.1	78.5	- 1.4	72.3	- 2.3	58.0M	- 4.6	49.7	- 0.6	43.6	1.6	59.4	- 1.5
BENTONVILLE	28.0	- 8.6	35.9	- 3.9	50.3	- 5.7	62.3	4.6	64.3	- 1.2	73.5	- 0.6	77.0	- 1.4	75.2	- 0.7	70.1	- 1.0	57.1	- 2.4	46.1	- 1.9	40.2	1.4	56.0	- 2.0
BETHESDA	30.9		38.2		48.5		64.0		65.9		74.6		76.8		74.5		69.6		56.1		48.4		42.0		57.5	
BLITZVILLE	29.1M	-10.8	42.5M	- 0.9	51.0	- 0.2	65.0	4.5	70.2	0.0	78.8	0.8	81.7	0.2	79.3	- 0.9	72.1	- 2.1	59.1	- 4.3	51.5	1.3	44.0	2.1	60.4	- 0.9
BOONEVILLE E	35.8	- 5.4	43.7	- 1.8	51.6	- 1.7	66.9	4.7	69.2	- 0.7	79.1	1.2	81.1	- 1.7	79.2	- 3.2	70.7	- 4.8			54.4M	- 2.5				
BRINKLEY	34.4	- 7.6	42.4	- 1.8	53.7	- 0.4	67.6	5.6	69.9	- 0.1	78.4	0.5	81.5	0.5	78.8	- 1.6	72.9	- 1.9	60.9M	- 1.7	54.4M	- 2.5				
CAMDEN 1	31.5M	-13.0	43.9M	- 3.4	54.4	- 0.9	68.5	5.1	71.7	0.7	80.8	2.3	83.6	2.1	80.9	0.1	74.4M	- 1.2			52.1	- 1.3	47.5	2.2		
CAMP CHAFFEE	33.2M		40.8M		48.9		65.2M		68.7M		78.4M		81.4M		79.1M		74.4M		60.5M		51.3		42.8M			
CONWAY	35.6	- 6.4	42.6	- 2.1	52.0	- 1.6	66.9	4.7	69.5	- 0.5	77.7	- 0.7	80.4	- 1.8	78.3	- 3.5	72.2	- 2.6	60.1	- 3.7	52.2	0.4	45.4	2.4	61.1	- 1.3
CORNING	30.2	- 7.8	38.0	- 2.2	48.7	- 2.1	64.6	4.6	67.5	- 0.9	76.4	0.0	80.4	0.3	78.7	0.1	72.0	- 0.7	57.1	- 3.4	50.3	1.7	41.9	2.0	58.8	- 0.7
CROSSETT	37.6	- 7.3	47.4	- 0.2	57.9	1.9	68.5	5.3	72.0	0.6	79.9	1.2	83.4	1.8	79.7	- 1.9	74.3	- 1.3	62.9	- 2.6	54.7	0.9	49.5	2.9	64.0	0.1
CUMMINS FARM	34.9		42.8		54.4		66.8		69.9		79.1		81.3		79.1		73.0		60.1		51.7		46.2		61.4	
DARDANELLE	36.2	- 5.0	41.9	- 3.0	51.3	- 2.0	67.4	4.8	70.2	- 0.1	78.6	0.1	80.5	- 1.8	78.4	- 2.7	73.1	- 2.3	58.8	- 5.0	49.4	- 2.3	42.3	- 0.5	60.7	- 1.6
DE QUEEN	36.6	- 6.6	44.3M	- 3.6	53.3	- 2.4	67.6	4.3	70.0	- 0.4	78.0	0.0	81.2	0.1	79.9	- 1.9	74.0	- 1.6	61.4	- 2.7	51.6	- 1.0	43.9	- 1.3	61.8	- 1.4
DES ARC	33.4		39.8		50.1		67.1		68.6		78.1		81.4		78.0		72.4		58.4		51.0		44.3		60.2	
DEVILS KNOB	29.4		36.8		46.5		65.8M		66.7		74.7		75.4		70.8		69.7		59.7		50.8M		40.4M		57.7	
DUMAS 1	36.2	- 8.3	44.8	- 3.1	55.9	0.3	68.5	5.5	70.9	- 0.5	79.7	0.5	82.1	- 0.3	79.4	- 2.6	74.0	- 2.1	63.1M	- 2.1	53.7	- 0.2	48.5	2.2	63.1	- 0.8
EL ODRADO	37.6	- 8.6	46.3	- 3.0	55.0M	- 0.5	69.6	5.1	72.8	1.2	82.4	2.5	84.9	2.3	82.5	0.2	76.4	- 0.8			54.2M	- 0.9	48.9	1.9		
EUREKA SPRINGS	31.0	- 7.3	39.6	- 1.5	48.8	- 4.2	65.7	6.1	68.8	- 0.9	75.3	0.7	77.6	- 1.4	75.9	- 2.9	71.5	- 0.8	59.2	- 2.0	50.0	0.1	42.1	2.0	58.3	- 1.0
FAYETTEVILLE	31.4		40.2		46.4		65.9		66.1		75.5		78.1		76.2		70.6		57.7		49.4		43.1		58.4	
FAYETTEVILLE EX S	31.4	- 6.6	39.9	- 0.5	45.9	- 3.8	64.4	5.5	69.5	- 1.0	75.0	0.4	77.6	- 1.2	75.4	- 3.2	70.0	- 2.1	58.0	- 3.0	49.7	0.4	42.7	2.6	58.0	- 1.0
FORDYCE	37.2	- 7.5	46.4	- 1.8	56.7	- 2.1	68.2	4.6	72.4	1.1	81.3M	2.3	84.3M	2.3	80.9	- 0.2	75.6	- 0.7	65.1	- 0.7	55.1	1.7	50.2M	4.3	64.4	0.6
FORT SMITH WB AIRPORT	33.4	- 8.1	42.4	- 0.4	49.2	- 3.4	66.8	5.0	69.0	- 0.6	78.9	1.4	81.5	0.0	79.3	- 1.2	78.0	- 0.0	60.9	- 1.9	50.4	- 0.6	43.8	2.0	60.8	- 0.5
GILBERT	29.4		37.8		45.9		62.4		66.0		75.0		77.7		75.7		69.7		55.0		47.0		38.6		56.7	
GRANNIS	33.5	- 8.0	42.0	- 3.1	50.0	- 1.7	65.8	5.4	67.9	- 0.2	77.5	1.8	78.9	- 0.6	77.2	- 2.5	71.3	- 2.7	60.7	- 2.8	48.7	- 2.2	43.8	- 0.7	59.8	- 1.4
FAYETTEVILLE	30.8	- 5.8	39.0	0.0	45.9	- 2.8	68.6	7.5	69.3	- 0.3	74.8	0.7	77.8	- 0.6	76.1	- 2.0	70.8	- 0.4	58.1	- 2.0	48.8	0.3	42.1	3.6	57.9	- 0.1
GREEN MOUNTAIN	29.2		37.6M		45.1		68.6		69.4		78.8M		81.3		75.9		73.0		66.7		46.7M		36.1M			
HARRISON	30.6	- 6.2	37.4	- 2.1	48.9	- 3.9	61.5	3.7	64.1	- 2.1	73.8	- 0.3	76.9	- 1.2	74.3	- 3.5	68.7	- 2.0	56.9	- 2.8	49.2	0.8	41.0M	2.4	56.6	- 1.4
HARRISON AIRWAY																										
HELENA	34.2	- 8.9	42.6	- 2.3	52.5	- 1.3	66.4	3.8	70.8	0.1	79.8	1.5	82.8	1.4	79.0	- 1.7	73.2	- 2.1	60.9	- 3.0	52.2	- 0.5	46.1M	1.9	61.7	- 0.9
HOPE	34.4	-10.2	43.2	- 4.1	52.1	- 3.5	67.2	3.4	70.3	- 0.7	79.4	0.7	82.7	1.0	81.1	- 0.8	75.0	- 1.0	60.6M	- 2.6	51.3	- 1.9	47.2	0.4	62.2	- 1.6
HOT SPRINGS	36.6	- 6.8	44.0	- 2.8	54.4	- 0.2	69.2	6.1	71.2	0.9	80.2	1.8	82.5	0.2	80.5	- 1.2	75.7	- 1.1	63.1	- 1.8	54.3	- 0.4	47.2	2.8	63.2	- 0.1
JONESBORO	31.7	- 8.5	39.8	- 3.0	49.3	- 2.8	64.2	2.9	67.8	- 1.9	77.1	- 0.9	80.3	- 1.0	78.3	- 2.0	71.8	- 2.6	58.7M	- 4.2	50.2	- 1.7	42.3	1.0	59.3	- 2.0
KEO	35.6		42.6		53.4		67.5		69.8		78.8		81.3		78.7		72.7		60.8		53.1		46.6		61.7	
LEAO HILL	30.1	- 6.8	38.5	- 0.1	45.9	- 2.5	62.3	3.5	64.7	- 2.2	74.8	- 0.6	78.3	- 1.8	76.1	- 3.0	69.9	- 2.0	56.2	- 4.2	47.5M	0.0	40.3	0.9	57.1	- 1.5
LITTLE ROCK WB AP	34.9	- 6.5	42.2	- 0.7	51.9	- 1.1	67.5	4.6	69.9	- 0.4	79.8	2.4	82.1	1.2	79.2	- 3.6	73.8	- 2.0	63.1	- 2.5	52.5	0.4	45.9	1.7	61.8	- 0.2
LUTHERVILLE	32.6	- 7.4	41.0	- 1.5	49.0	- 2.4	64.4	4.2	67.6	- 0.3	76.4	0.4	78.5	- 1.8	76.9	- 3.1	72.6	- 1.4	62.7M	- 0.2	51.4	0.6	45.3	3.7	59.9	- 0.7
MAGNOLIA	38.5	- 8.3	45.9M	- 4.8	58.9M	- 2.4	70.0	5.1	72.2	0.3	80.9	1.3	84.7	2.2	82.6	0.0	77.4	- 2.2	65.7	- 1.6	55.8	0.8	51.3	2.4	65.4	0.0
MALVERN			43.3		53.9		67.8		71.6		80.7M		83.1		80.3		76.1		62.5		51.9M		46.2			
MAMMOTH SPRING	29.6	- 7.9	35.7	- 4.6	44.8	- 5.0	62.3	3.1	63.6	- 3.0	73.6	- 1.3	77.8	- 1.2	77.9M	- 0.2	69.3	- 2.4	54.3	- 5.6	45.8	- 2.5	41.3M	2.0	56.3	- 2.4
MARIANNA	34.4	- 9.5	40.8	- 4.7	51.8	- 1.8	66.3M	3.8	69.5	- 1.1	78.1	- 0.5	80.7	- 0.5	77.7	- 2.8	71.5	- 2.6	59.8	- 3.6	51.2		46.1			

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

ARKANSAS
1948

Table 2—Continued

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual			
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure		
ICELEOD	2.62		5.18		3.71		1.81		5.27		4.24																	
INDEX	2.50	1.78	3.08	0.43	3.40	0.84	2.25	2.40	6.50	2.19	2.10	1.11																
JASPER					3.58		1.88		.46		3.81		6.53		4.92		0.08		2.03		3.67		5.17					
JESSIEVILLE													2.75	0.70	3.43	0.53	0.19	2.55	2.33	0.02	5.74	1.29	4.37	0.15				
JONESBORO	3.14	1.88	5.78	2.00	8.99	4.22	2.60	1.97	2.18	1.84	6.93	3.19	1.73	1.50	0.73	2.73	3.04	0.32	2.94	0.33	8.20	4.84	6.63	2.25	52.89	5.93		
KEO	3.46		6.81		8.05		5.22		5.30		4.75		5.66		4.84		1.64		3.96		8.48		2.52		60.69			
LAKE CITY	3.91		6.06		8.51		4.10		2.61		5.37		2.84		0.67		3.07		3.21		5.16		6.17		52.58			
LANGLEY	0.87		7.74																									
LEAD HILL	0.60	2.24	3.59	0.48	3.38	0.31	1.89	2.09	4.16	1.24	6.38	1.95	3.38	0.31	2.50	1.37	0.35	3.16	2.65	0.71	4.87	1.49	3.68	0.68	37.43	-6.83		
LEE CREEK	3.46		4.96		6.82				6.65		7.86		3.07		8.10		0.40		1.91		3.43		4.35		54.24			
LEOLA	1.59		9.42		2.36				4.88		0.53		2.82		4.45		0.50		2.57		7.38		3.73					
LITTLE ROCK WB AP	1.56	3.17	7.14	3.30	6.43	1.81	4.54	0.65	4.56	0.22	2.25	1.51	3.41	0.09	3.31	0.44	1.20	1.97	1.50	1.21	7.99	3.80	2.70	1.44	46.59	-1.79		
LITTLE ROCK FLT P					7.08		5.38		5.66		4.08		5.85		3.15		3.06				8.71		2.94					
LOCK AND DAM NO 3	3.78		4.43		4.43		2.05		4.61		8.94		1.88		2.65		1.01		1.73		4.98		5.61		46.10			
LOST CORNER	4.25	1.18	6.20		5.01		4.03		5.33		6.61		3.21		2.35		0.32		2.67		4.19		6.37		52.58			
LURTON	5.13		6.27		3.65		2.66		6.14		6.53		2.77		5.50		0.46		3.29		5.31		6.40		54.11			
LUTHERVILLE	0.80	3.22	6.19	2.78	3.11	1.06	4.21	0.73	5.33	0.28	4.65	0.09	3.76	0.22	5.49	1.68	0.13	3.97			3.27	0.32	5.32	1.14				
MADISON	6.10	0.87	9.74	5.23	10.13	4.91	4.66	0.44	5.10	1.44	6.60	3.63	5.10	0.30	1.95	1.38	1.17	1.73	2.22	0.69	5.15	1.05	3.51	2.03	61.43	12.04		
MAGNOLIA	5.14	0.30			6.88		2.88	2.01	6.88	2.27	0.37	3.13	2.27	1.74	2.46	0.11	1.38	0.72	2.13	0.85	10.96	6.33	2.25	3.49				
MALVERN			5.56		6.57		3.36		4.98		0.90		2.70		3.00		0.31		4.10		8.01		2.70					
MAMMOTH SPRING	4.61	0.97	4.62	1.91	4.68	1.28	3.39	1.39	3.88	0.73	9.46	5.24	1.50	2.00	1.34	2.68	0.19	3.33	1.98	1.60	5.85	2.45	4.80	1.53	46.60	1.65		
MARIANNA	4.57	0.12	4.41	6.53	6.89	2.01	6.09	1.95	5.89	1.97	3.51	0.04	6.02	2.63	4.04	1.13	1.22	1.52	2.30	0.86	6.23	2.86	2.84	1.79	60.01	14.83		
MARKEO TREE	4.25	1.18	6.20	2.53	9.16	4.00	5.46	0.19	3.02	1.78	5.25	1.81	2.25	1.36	4.32	0.78	2.19	0.77	3.83	0.11	4.33	0.25	3.66	0.88	53.92	3.32		
MARSHALL	4.86	1.65	4.26	1.72	3.05	0.93	2.17	3.81	3.58	3.21	4.56	0.05	4.07	0.50	5.28	0.01	0.56	3.47	3.19	0.79	5.91	2.32	4.83	1.10	46.32	-4.88		
MARVELL	3.07		9.57		6.19		5.08		5.32		2.63		3.92		4.26		2.98		0.82		6.85		3.03		53.76			
MAUMEE									4.12		4.39		2.17		4.39		0.47		2.04		4.66		5.57					
MELBOURNE	1.36		4.36						2.42		3.22		2.17		3.22						4.81							
MENA	7.69	3.74	6.21	2.85	3.48	1.02	2.66	2.92	9.53	3.32	1.90	3.08	6.02	2.14	7.15	2.89	1.70	2.16	5.62	1.93	2.82	0.75	3.87	0.12	58.65	6.82		
MONTICELLO	2.69		6.61		6.39		3.32		4.83		2.11		4.20		4.49		1.35		1.64		8.72		2.70		47.34			
MOROBAY L D B	2.90		8.13		5.06		4.98		6.53		1.18		2.22		2.65		1.80		1.51									
MORRILTON	3.51	0.35	6.73	3.52	4.15	0.02	4.99	0.09	5.38	0.76	4.86	0.94			8.08	5.16	0.91	1.92	1.88	1.80	5.55	1.68	4.88	0.84				
MOUNT IDA 1	1.22	3.13	6.18	2.22					6.66	0.98	1.64	2.54	3.00	0.50					3.19	0.52	4.10	0.05	5.77	1.44				
MOUNT IDA 2																												
MOUNT MAGAZINE																												
MOUNTAIN HOME	1.60	1.27	4.25	1.68	3.05	0.62	2.40	2.24	3.15	2.16	8.90	4.40	2.70	0.82	2.65	1.18	0.41	3.40	1.85		2.84		5.67		2.40	1.86	40.65	-4.68
MOUNTAIN VIEW	1.90		5.12		3.38		1.88		5.35		7.46		3.90		2.63		1.17		2.49		4.64		6.02		45.94			
MOUNTAINBUNG	1.22		4.58		4.94		2.82		5.62		5.74		4.20		4.31		0.41		2.15		2.07		4.26		42.32			
MULBERRY	4.03		4.93		3.98		4.57		3.67		4.04		1.08		4.01		.7		1.99		2.82		4.92		44.74			
NASHVILLE	2.14		4.82		3.45		2.70		7.89		2.02		2.97		2.56		1.22		3.95		4.50		2.83		43.05			
NASHVILLE SCS																												
NATHAN																												
NEWHOPE																												
NEWPORT	4.07	0.88	5.84	2.30	6.93	2.14	2.77		3.03	1.90	4.38	0.15	12.15	8.36	3.44		4.18		0.79		4.30		3.89		3.25			
NIMROD DAM	3.67		5.89		4.20		4.00		5.26		3.30		6.96		4.15		0.70		3.03		3.89		5.80		4.77	0.67	62.48	14.98
NORFOLK OAM	3.09		4.66		3.69		3.10		3.24		6.12		1.08		4.31		1.47		1.17		5.93		3.00		48.85			
ODELL									2.23		3.94		2.65		9.46		1.14		1.89		3.32		5.00		53.73			
ODEN	6.00	1.99			3.88	0.07	3.16	2.78	5.89	0.82																		
OKAY	3.56	0.95	4.07	0.17	5.30	0.69	3.72	0.84	6.49	1.63	2.37	0.60	2.94	0.66	2.03	0.76	0.35	2.47	4.92	1.94	4.13	0.23	2.11	3.04	41.99	5.12		
OSCEOLA			4.99	0.53	8.25	3.13	1.71	2.77	1.44	3.32	5.17	1.88	3.62	0.25	1.25	2.00							4.68	0.65				
OWENSVILLE	2.90		6.87		3.92		3.72		4.53		3.37		5.31		4.68		1.04		5.01		6.48		2.64		50.47			
OZARK	4.26	1.22	5.32	2.54	3.22	0.53	4.12	0.49	5.24	0.24	4.86	0.47	2.35	0.82	5.10	1.37	0.19	3.21	2.53	0.83	1.74	1.34	5.25	1.85	44.18	-0.01		
PARAGOULD	2.37	2.71	3.8	-0.01	2.1	-2.61	2.60	-1.59	4.70	1.20	5.65	2.43	2.99	0.88	2.79	0.30	1.75	1.19	1.77	1.19	7.67	4.36	8.18	3.80				
PARKIN	6.82	1.66	7.55	3.40	9.83	4.51	3.84	0.41	2.91	0.26	5.91	2.63	4.57	1.15	2.15	1.00					4.61	0.97	3.80	1.48				

TEMPERATURE EXTREMES AND FREEZE DATA

Table 3

Station	Highest	Date	Lowest	Date	Last spring minimum of			First fall minimum of			No. of days between dates		
					24° or below	28° or below	32° or below	32° or below	28° or below	24° or below	24° or below	28° or below	32° or below
ALUM FORK	97	6/13↑	7	1/24	3/13 (14°)	3/13 (14°)	3/13 (14°)	10/18 (31°)	11/30 (27°)	12/8 (24°)	270	262	219
ARCADELPBIA	102	7/26	9	1/18↑	3/14 (20°)	3/14 (20°)	3/30 (32°)	10/18 (30°)	11/10 (28°)	11/30 (24°)	261	241	202
ASHDOWN	102	8/13	11	1/23	3/13 (24°)	3/13 (24°)	3/13 (24°)	10/17 (28°)	10/17 (28°)	12/5 (21°)	268	218	218
BATESVILLE AIRWAY	98	8/23	7	1/24↑	3/13 (17°)	3/13 (17°)	3/28 (32°)	10/17 (31°)	10/18 (27°)	12/8 (23°)	270	219	203
BATESVILLE LIVESTOCK	98	9/24	3	1/24	3/13 (14°)	3/28 (28°)	3/28 (28°)	10/18 (21°)	10/18 (21°)	10/18 (21°)	219	204	204
BEE BRANCB	101	9/22	6	1/24	3/13 (17°)	3/14 (28°)	3/29 (31°)	10/18 (24°)	10/18 (24°)	10/18 (24°)	219	218	203
BENTON	99	9/23	4	1/24	3/14 (19°)	3/30 (27°)	3/30 (27°)	10/18 (26°)	10/18 (26°)	11/29 (20°)	260	202	202
BENTONVILLE	97	7/8 ↑	-12	3/12	3/28 (23°)	3/28 (23°)	4/14 (31°)	10/18 (25°)	10/18 (25°)	11/22 (24°)	239	204	187
BETHESDA	96	9/23	3	1/24	3/12 (13°)	3/12 (13°)	3/28 (29°)	10/18 (20°)	10/18 (20°)	10/18 (20°)	220	220	204
BLYTHERVILLE	100	8/24	-	-	3/13 (23°)	3/13 (23°)	3/28 (32°)	10/18 (30°)	11/25 (20°)	11/25 (20°)	257	257	204
BOONEVILLE 3 MI. SW	100	9/21↑	7	1/24	3/13 (17°)	3/13 (17°)	3/14 (32°)	-	-	-	-	-	-
BRINKLEY	97	6/13↑	6	1/18	3/13 (18°)	3/13 (18°)	3/13 (18°)	10/18 (27°)	10/18 (27°)	-	-	219	219
CAMDEN 1	101	7/18↑	-	-	3/13 (21°)	3/14 (26°)	3/14 (26°)	-	-	-	-	-	-
CAMP CHAFFEE	-	-	-	3/11	3/13 (16°)	3/13 (16°)	3/29 (30°)	10/18 (27°)	10/18 (27°)	11/23 (18°)	255	219	203
CONWAY	98	7/30	7	1/24	3/13 (19°)	3/13 (19°)	3/14 (30°)	10/18 (28°)	10/18 (28°)	11/30 (24°)	262	219	218
CORNING	100	8/24	4	1/24↑	3/13 (17°)	3/13 (17°)	3/28 (31°)	10/18 (25°)	10/18 (25°)	12/8 (22°)	270	219	204
CROSSETT	102	7/25↑	-3	1/18	3/13 (17°)	3/14 (27°)	4/2 (32°)	10/18 (27°)	10/18 (27°)	11/30 (23°)	262	218	199
CUMMINS FARM	98	7/7 ↑	1	1/18	3/13 (20°)	3/13 (20°)	3/14 (31°)	10/18 (27°)	10/18 (27°)	12/11 (24°)	274	219	218
DARDANELLE	98	6/7	8	1/24↑	3/14 (19°)	3/14 (19°)	3/14 (19°)	10/18 (30°)	11/10 (26°)	11/30 (24°)	261	241	218
DE QUEEN	101	8/13	9	1/24	3/13 (19°)	3/13 (19°)	3/14 (32°)	10/18 (28°)	10/18 (28°)	11/29 (24°)	261	219	218
DES ARC	100	8/22	9	1/24	3/13 (20°)	3/13 (20°)	3/14 (31°)	10/18 (29°)	11/29 (26°)	12/8 (24°)	270	261	218
DEVILS KNOB	97	7/21	-2	1/24↑	3/28 (21°)	3/28 (21°)	3/28 (21°)	10/18 (28°)	10/18 (28°)	11/22 (24°)	239	204	204
DUMAS 1	101	7/15	4	1/18	3/13 (20°)	3/13 (20°)	3/14 (32°)	10/18 (28°)	10/18 (28°)	12/26 (23°)	289	219	218
EL DORADO	107	8/15	3	1/18	3/14 (21°)	3/14 (21°)	3/14 (21°)	10/18 (29°)	11/29 (28°)	12/31 (23°)	292	260	218
EUREKA SPRINGS	95	8/22↑	-1	3/11↑	3/28 (24°)	3/28 (24°)	3/28 (24°)	10/18 (27°)	10/18 (27°)	11/23 (21°)	240	204	204
FAYETTEVILLE	94	8/22↑	-5	3/12	3/13 (9°)	3/28 (27°)	3/28 (27°)	10/18 (26°)	10/18 (26°)	11/23 (19°)	255	204	204
FAYETTEVILLE EXP. STN.	97	6/13↑	-11	3/12	3/13 (5°)	3/28 (26°)	4/14 (31°)	10/18 (24°)	10/18 (24°)	10/18 (24°)	219	204	187
FORDYCE	101	7/15	4	1/18	3/13 (22°)	3/13 (22°)	3/13 (22°)	10/18 (31°)	12/10 (28°)	12/26 (24°)	288	272	219
FORT SMITH WB AP	99	7/25	7	3/11	3/13 (19°)	3/13 (19°)	3/13 (19°)	10/18 (26°)	10/18 (26°)	11/23 (19°)	224	219	219
GILBERT	98	9/23	-1	1/28	3/14 (12°)	4/2 (27°)	4/3 (31°)	10/12 (29°)	10/18 (22°)	10/18 (22°)	218	199	192
GRANNIS	96	8/13	9	1/23	3/12 (16°)	3/12 (16°)	3/28 (31°)	10/17 (28°)	10/17 (28°)	12/25 (24°)	268	219	203
GRAVETTE	96	9/22	-14	3/12	3/13 (5°)	3/28 (25°)	4/14 (29°)	10/12 (32°)	10/18 (22°)	10/18 (22°)	219	204	181
GREEN MOUNTAIN	98	6/21↑	2	1/28	3/12 (7°)	3/28 (28°)	3/28 (28°)	10/19 (31°)	11/10 (26°)	11/29 (20°)	262	227	205
HARRISON	96	8/22↑	-10	3/12	3/28 (21°)	3/28 (21°)	4/15 (30°)	10/18 (24°)	10/18 (24°)	10/18 (24°)	204	204	186
HARRISON AIRWAY	-	-	-	-	-	-	-	10/17 (29°)	10/18 (24°)	10/18 (24°)	-	-	-
HELENA	98	7/8	6	1/18	3/13 (20°)	3/13 (20°)	3/14 (31°)	10/18 (32°)	12/26 (23°)	12/26 (23°)	288	288	218
BOPE	101	8/15	7	1/19	3/14 (21°)	3/14 (21°)	3/14 (21°)	10/18 (32°)	11/29 (27°)	12/8 (24°)	269	260	218
BOT SPRINGS NATL. PARK	102	7/26	8	1/24	3/13 (22°)	3/13 (22°)	3/13 (22°)	11/23 (31°)	12/10 (27°)	12/26 (21°)	288	272	255
JONESBORO	99	8/23	6	1/24↑	3/14 (23°)	3/14 (23°)	3/28 (31°)	10/18 (28°)	10/18 (28°)	12/10 (23°)	271	218	204
KEO	98	8/13	9	1/24	3/13 (21°)	3/13 (21°)	3/14 (30°)	10/18 (27°)	10/18 (27°)	12/8 (23°)	270	219	218
LEAD HILL	98	8/22↑	-14	3/12	3/28 (23°)	3/28 (23°)	4/15 (32°)	10/12 (31°)	10/18 (22°)	10/18 (22°)	204	204	180
LITTLE ROCK WB AP	98	7/25	10	1/24	3/13 (21°)	3/13 (21°)	3/13 (21°)	11/10 (32°)	12/8 (27°)	12/26 (21°)	288	270	242
LUTHERVILLE	98	8/13	3	1/24	3/13 (13°)	3/13 (13°)	3/29 (32°)	10/18 (27°)	10/18 (27°)	11/23 (24°)	255	219	203
MAGNOLIA	108	8/13	7	1/18	3/13 (22°)	3/13 (22°)	3/13 (22°)	10/18 (31°)	11/29 (28°)	12/31 (22°)	293	261	219
MALVERN	101	7/17	-	-	3/13 (18°)	3/13 (18°)	3/14 (31°)	10/18 (30°)	10/19 (28°)	12/8 (24°)	270	220	218
MAMMOTH SPRINGS	98	8/22↑	1	1/24	3/15 (22°)	4/2 (28°)	4/3 (30°)	10/18 (23°)	10/18 (23°)	10/18 (23°)	217	199	198
MARIANNA	97	7/7	-7	1/18	3/13 (21°)	3/13 (21°)	3/23 (29°)	10/18 (25°)	10/18 (25°)	12/10 (23°)	272	219	209
MARKED TREE	98	7/31↑	7	1/24↑	3/14 (19°)	3/14 (19°)	3/14 (19°)	10/18 (27°)	10/18 (27°)	12/8 (24°)	269	218	218
MARSHALL	96	8/22	1	1/24↑	3/13 (16°)	3/13 (16°)	3/17 (32°)	10/18 (24°)	10/18 (24°)	10/18 (24°)	219	219	215
MENA	98	6/19	6	1/24	3/13 (21°)	3/13 (21°)	3/28 (32°)	10/18 (31°)	11/10 (28°)	11/29 (24°)	261	242	204
MONTICELLO	99	7/8 ↑	6	1/18	3/13 (22°)	3/13 (22°)	3/13 (22°)	-	12/20 (27°)	10/19 (32°)	-	282	220
MORRILTON	100	6/14	7	1/24	3/14 (23°)	3/14 (23°)	3/14 (23°)	10/18 (31°)	11/30 (27°)	12/10 (23°)	271	261	218
MOUNT IDA 1	-	-	0	1/24	-	-	4/15 (32°)	10/12 (32°)	10/18 (24°)	10/18 (24°)	-	-	180
MOUNTAIN BOME	96	9/22	-2	3/12	3/13 (7°)	3/28 (27°)	3/28 (27°)	10/18 (22°)	10/18 (22°)	10/18 (22°)	219	204	204
MOUNT MAGAZINE	-	-	-	-	-	-	-	11/9 (28°)	11/9 (28°)	11/29 (21°)	-	-	-
NASHVILLE	101	7/26	10	1/24	3/13 (20°)	3/14 (28°)	3/29 (31°)	10/18 (29°)	11/10 (28°)	12/6 (24°)	262	241	203
NEWPORT	101	7/7	9	1/24	3/14 (23°)	3/14 (23°)	3/14 (23°)	10/18 (29°)	11/30 (26°)	12/8 (24°)	269	261	218
NIMROD DAM	100	6/14↑	4	1/24	3/14 (16°)	3/14 (16°)	3/29 (29°)	10/18 (28°)	10/18 (28°)	11/23 (23°)	254	218	203
NORFORK DAM	98	7/8 ↑	4	1/18↑	3/14 (15°)	3/28 (28°)	4/2 (30°)	10/18 (26°)	10/18 (26°)	11/23 (20°)	254	204	199
ODEN	-	-	-	-	-	3/28 (28°)	3/28 (28°)	10/18 (28°)	10/18 (28°)	-	-	-	-
OKAY	102	8/13↑	11	1/24	3/13 (21°)	3/13 (21°)	3/14 (30°)	10/18 (27°)	10/18 (27°)	11/30 (24°)	262	219	218
OZARK	98	9/8 ↑	9	1/24↑	3/14 (19°)	3/14 (19°)	3/29 (31°)	10/18 (28°)	10/18 (28°)	11/23 (23°)	254	218	203
PARAGOULD	98	8/23	4	1/24↑	-	-	-	10/17 (24°)	10/17 (24°)	10/17 (24°)	-	-	-
PERRYVILLE	-	-	4	1/25	3/13 (15°)	3/14 (26°)	3/29 (29°)	10/25 (28°)	10/25 (28°)	11/28 (20°)	260	225	210
PINE BLUFF	100	7/8	4	1/18	3/14 (22°)	3/14 (22°)	3/14 (22°)	11/29 (29°)	12/8 (28°)	12/26 (23°)	287	269	260
PINE BLUFF CAA	-	-	-	-	-	-	-	10/18 (32°)	11/29 (28°)	12/26 (23°)	-	-	-
POCAHONTAS	100	8/23	5	1/24↑	3/13 (17°)	3/14 (28°)	3/28 (30°)	10/18 (26°)	10/18 (26°)	11/30 (22°)	262	218	204
PORTLAND	100	6/15↑	5	1/18	3/13 (24°)	3/14 (25°)	3/14 (25°)	10/18 (29°)	10/19 (28°)	12/26 (24°)	288	219	218
PRESOTT	100	7/26↑	9	1/18	3/14 (22°)	3/14 (22°)	3/14 (22°)	10/18 (31°)	11/10 (28°)	12/10 (24°)	271	241	218
ROGERS	95	9/22	-6	3/12	3/13 (10°)	3/28 (25°)	3/28 (25°)	10/18 (23°)	10/18 (23°)	10/18 (23°)	219	204	204
RUSSELLVILLE	97	7/25	8	1/24	3/13 (19°)	3/13 (19°)	3/29 (31°)	10/18 (27°)	10/18 (27°)	11/30 (23°)	262	219	203
SAINT CHARLES	97	8/13↑	9	1/18	3/13 (23°)	3/13 (23°)	3/13 (23°)	10/17 (29°)	11/30 (27°)	12/26 (22°)	288	262	218
SEARCY	100	9/8 ↑	9	1/24	3/13 (20°)	3/13 (20°)	3/14 (29°)	10/18 (30°)	11/29 (27°)	12/8 (24°)	270	261	218
SHERIDAN	-	-	5	1/18	3/13 (17°)	3/13 (17°)	3/13 (17°)	-	-	-	-	-	-
SILLOAM SPRINGS	95	6/13↑	-7	3/12	3/13 (4°)	3/28 (27							

TOTAL EVAPORATION AND WIND MOVEMENT

ARKANSAS

1948

Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	Departure fr. normal
BETHESDA	EVAP	-	-	-	-	7.129	8.366B	6.974	6.387B	7.567B	4.421B	-	-	-	
	WIND	2606	-	-	3147	1487	1239	-	486	681	1164	1871	1964	-	
BOPE	EVAP	-	2.408B	4.366B	6.418	6.373	7.621	7.575	6.933	7.159	4.930B	2.623B	2.205B	-	
	WIND	1279	-	2161	1046	1446	998	881	574	1090	891	1216	-	-	
NIMROD DAM	EVAP	-	-	-	-	6.261	7.469	6.959	5.757	5.458	3.947	2.414B	-	-	
	WIND	-	936	1998	1582	1168	840	530	183	235	317	962	825	-	
NORFORK DAM	EVAP	-	-	-	7.454B	5.739B	7.601B	7.160B	6.590B	5.907	3.843	-	-	-	
	WIND	1483	1523	2281	1777	1118	1041	-	545	864	772	1340	1525	-	
RUSSELLVILLE	EVAP	-	-	-	-	-	-	-	-	-	-	-	1.480	-	
	WIND	-	-	-	-	-	-	-	-	-	-	-	815	-	
STUTTGART 9 MI. ESE	EVAP	-	-	3.149B	5.067	5.628	6.624B	6.375	5.650	4.879	3.244	1.721B	1.449B	-	
	WIND	1670	-	2870	1920	1390	1250	1050	455	880	720	1727	1988	-	

See Reference Notes Following Station Index

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Station	Former station name	Index No.	County	Drainage	Latitude	Longitude	Elevation above mean sea level (feet)	Years of record			Opened or closed during year		Refer to tables
								Temperature	Precipitation	Evaporation	Month opened	Month closed	
ABBOTT		0006	SCOTT	ARKANSAS	35 04	94 12	624						2
ALICIA		0064	LAWRENCE	WHITE	35 54	91 05	256						2
ALPINE	ALPINE (NR)	0118	CLARK	OUACBITA	34 14	93 17	-						2
ALUM FORK	ALUM FORK RESER.	0130	SALINE	ARKANSAS	34 48	92 52	755	11	11				1 2 3
ALY		0136	YELL	OUACHITA	34 47	93 29	850						2
ANTOINE		0178	PIKE	OUACHITA	34 02	93 25	285						2
APLIN		0188	PERRY	ARKANSAS	34 58	92 59	400						2
APPLETON		0196	POPE	ARKANSAS	35 25	92 53	522						2
ARKADELPIA		0220	CLARK	OUACHITA	34 07	93 03	200	52	52				1 2 3
ARKANSAS CITY		0234	DESHA	MISSISSIPPI	33 37	91 12	145		58				2
ASHDOWN		0286	LITTLE RIVER	RED	33 40	94 08	329	4	4				1 2 3
ATHENS		0300	BOWARD	RED	34 19	93 58	960		0			6/48	2
ATLANTA		0310	COLUMBIA	OUACBITA	33 07	93 02	329		3				2
AUGUSTA		0326	WOODRUFF	WHITE	35 17	91 22	218		13				2
BATESVILLE AIRWAY	6-BATESVILLE	0456	INDEPENDENCE	WHITE	35 46	91 39	363	40	40				1 2 3
BATESVILLE LIVESTOCK		0458	INDEPENDENCE	WHITE	35 49	91 47	571	7	7				1 2 3
BATESVILLE L & D 1	BATESVILLE RIVER	0460	INDEPENDENCE	WHITE	35 45	91 38	277		35				2
BEAR CREEK LAKE		0496	LEE	WHITE	34 43	90 42	220		2				2
BEATY LAKE		0512	ST. FRANCIS	ST. FRANCIS	35 05	90 43	400		7				2
BEAVER		0518	CARROLL	WHITE	36 28	93 46	930		3				2
BEE BRANCH		0528	VAN BUREN	ARKANSAS	35 27	92 24	650	56	56				1 2 3
BEEBE	BEEBE (NR)	0530	WHITE	WHITE	35 04	91 54	250		5				2
BEECB GROVE		0534	GREENE	WHITE	36 09	90 38	298		7				2
BEEDEVILLE		0536	JACKSON	WHITE	35 26	91 06	221		8				2
BENTON		0582	SALINE	SALINE	34 33	92 37	285	19	19				1 2 3
BENTONVILLE		0586	BENTON	ARKANSAS	36 22	94 13	1295	42	42				1 2 3
BERRYVILLE		0616	CARROLL	WHITE	36 22	93 34	1255		5				2
BETHESDA		0644	INDEPENDENCE	WHITE	35 49	91 47	500	8	8		5		1 2 3 4
BIG FLAT		0662	BAXTER	WHITE	36 00	92 24	1250		2				2
BIG FORK		0664	POLK	OUACHITA	34 29	93 58	1100		4				2
BIG LAKE OUTLET		0676	MISSISSIPPI	ST. FRANCIS	35 51	90 08	239		3				2
BLACK ROCK		0746	LAWRENCE	WHITE	36 07	91 06	259		46				2
BLUE MOUNTAIN DAM		0798	YELL	ARKANSAS	35 06	93 39	-		8				2
BLUFF CITY		0800	NEVADA	OUACHITA	33 41	93 09	360		-			6/48	2
BLYTHEVILLE		0806	MISSISSIPPI	ST. FRANCIS	35 56	89 55	252	22	22				1 2 3
BOONEVILLE 3 MI. SW	BOONEVILLE (NR)	0828	LOGAN	ARKANSAS	35 09	93 58	465	33	33				1 2 3
BOONEVILLE		0830	LOGAN	ARKANSAS	35 09	93 55	511		7				2
BOTKINBURG	BOTKINBURG (NR)	0842	VAN BUREN	WHITE	35 39	92 30	1200		3				2
BOUGHTON		0848	NEVADA	OUACBITA	33 52	93 18	235		13				2
BRADFORD		0872	WHITE	WHITE	35 25	91 28	240		3				2
BRINKLEY		0936	MONROE	WHITE	34 54	91 11	205	57	57				1 2 3
BULL SBOALS DAM		1020	BAXTER	WHITE	36 22	92 34	760		1				2
BURDETTE		1052	MISSISSIPPI	MISSISSIPPI	35 49	89 56	240		4				2
CABOT		1102	LONOKE	WHITE	34 59	92 01	289		4				2
CALICO ROCK		1132	IZARD	WHITE	36 08	92 08	380		43				2
CAMDEN 1	CAMDEN	1152	OUACBITA	OUACHITA	33 36	92 49	116	58	58				1 2 3
CAMDEN 2	CAMDEN	1154	OUACBITA	OUACBITA	33 35	92 51	155		-				2
CAMP CHAFFEE		1172	SEBASTIAN	ARKANSAS	35 18	94 18	419	6	6				1 2 3
CANAAN	CANAAN (NR)	1188	SEARCY	WHITE	35 52	92 44	-		8				2
CARLISLE		1224	LONOKE	ARKANSAS	34 47	91 45	235		7				2
CARPENTER DAM		1238	GARLAND	OUACBITA	34 27	93 01	-		8				2
CLARENDON		1442	MONROE	WHITE	34 41	91 18	172		44				2
CLARKSVILLE		1456	JOHNSON	ARKANSAS	35 29	93 28	370		8				2
CLINTON		1492	VAN BUREN	WHITE	35 35	92 28	510		26				2
COLD SPRINGS		1520	SCOTT	OUACBITA	34 58	93 54	1250		7				2
COMBS		1574	MADISON	WHITE	35 50	93 50	1400		8				2
COMPTON	COMPTON (NR)	1582	NEWTON	WHITE	36 06	93 18	895		5				2
CONWAY		1596	FAULKNER	ARKANSAS	35 05	92 27	309	64	64				1 2 3
CORNING		1632	CLAY	WHITE	36 24	90 35	293	54	54				1 2 3
COTTER		1640	MARION	WHITE	36 14	92 31	440		20				2
COVE		1666	POLK	RED	34 26	94 25	1050		-				2
CROSSETT		1730	ASHLEY	OUACBITA	33 02	91 56	175	25	35				1 2 3
CRYSTAL VALLEY	CRYSTAL VALLEY (NR)	1750	PULASKI	ARKANSAS	34 42	92 26	350		4				2
CULPEPPER	CULPEPPER (NR)	1756	VAN BUREN	WHITE	35 30	92 33	750		6				2
CUMMINS FARM		1768	LINCOLN	ARKANSAS	34 08	91 35	176	4	4				1 2 3
DAISY		1814	PIKE	OUACBITA	34 14	93 45	629		6				2
DANVILLE	DANVILLE SCS #1	1834	YELL	ARKANSAS	35 03	93 24	370		32				2
DARDANELLE		1838	YELL	ARKANSAS	35 13	93 09	330	62	62				1 2 3
DE QUEEN		1948	SEVIER	RED	34 02	94 21	426	14	14				1 2 3
DENVER	DENVER (NR)	1956	CARROLL	WHITE	36 23	93 18	1028		6				2
DERMOTT		1960	CBICOT	MISSISSIPPI	33 31	91 26	140		8				2
DES ARC		1968	PRAIRIE	WHITE	34 58	91 30	204	12	12				1 2 3
DEVILS KNOB		1982	JOHNSON	ARKANSAS	35 43	93 24	2350	11	11				1 2 3
DUMAS 1	DUMAS	2148	DESHA	MISSISSIPPI	33 53	91 30	162	41	41				1 2 3
DUMAS 2		2150	DESHA	MISSISSIPPI	33 53	91 30	-		5				2
DURHAM		2176	WASBINGTON	WHITE	35 57	93 59	1243		8				2
EAGLE GAP		2204	SCOTT	ARKANSAS	34 43	94 19	1150		21				2
EL DORADO		2300	UNION	OUACHITA	33 13	92 40	278	47	47				1 2 3
ELEVEN POINT		2308	RANDOLPB	OUACHITA	36 21	91 06						6/48	1 2 3
ELKINS		2315	WASHINGTON	WHITE			1364	0	0				2
EUREKA SPRINGS		2356	CARROLL	WHITE	36 24	93 45	1465	46	46				1 2 3
EVENING SHADE		2366	SBARP	WHITE	36 05	91 37	490		8				2
FAYETTEVILLE		2442	WASBINGTON	WHITE	36 05	94 10	1370	10	10				1 2 3
FAYETTEVILLE EXP. STN.		2444	WASBINGTON	WHITE	36 06	94 10	1412	60	60				1 2 3
FORDYCE		2540	DALLAS	OUACBITA	33 42	92 22	280	16	16				1 2 3
FOREMAN		2544	LITTLE RIVER	RED	33 43	94 24	400		8				2
FORESTER		2556	SCOTT	ARKANSAS	34 46	93 49	650		7				2
FORREST CITY	FORREST CITY (NR)	2564	ST. FRANCIS	ST. FRANCIS	35 02	90 46	260		8				1 2 3
FORT SMITH WB AIRPORT	FORT SMITH (AP)	2574	SEBASTIAN	ARKANSAS	35 20	94 22	458	66	66				2
FORT SMITH WTR PLANT		2578	CRAWFORD	ARKANSAS	35 39	94 09	793		10				2
FOUNTAIN BILL		2598	ASHLEY	OUACBITA	33 21	91 50	175		5				2
FULTON		2670	HEMPSTEAD	RED	33 37	93 48	260		62				2
GARLAND		2710	MILLER	RED	33 21	93 42	230		4				2
GEORGETOWN		2760	WHITE	WHITE	35 07	91 26	200		35				1 2 3
GILBERT		2794	SEARCY	WHITE	35 59	92 43	650	22	22				2
GLENWOOD		2842	PIKE	OUACBITA	34 20	93 33	547		13				1 2 3
GRANNIS		2908	POLK	RED	34 14	94 20	920	22	22				2
GRAVELLY		2922	YELL	ARKANSAS	34 53	93 41	498		8				1 2 3
GRAVETTE		2930	BENTON	ARKANSAS	36 36	94 32	1250	50	50				2
GREEN FOREST		2946	CARROLL	WHITE	36 20	93 26	1350		8				2
GREEN MOUNTAIN		2952	STONE	WHITE	36 02	92 12	1100	10	10				1 2 3

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GREENBRIER		2962	FAULKNER	ARKANSAS	35 14	92 14	360						2
GREENWOOD		2976	SEBASTIAN	ARKANSAS	35 13	94 15	518						2
GURDON		3074	CLARK	OUACHITA	33 54	93 09	210						2
HAMPTON		3098	CALHOUN	OUACHITA	33 32	92 28	202					6/48	2
HARDY		3132	SHARP	WHITE	36 19	91 29	362						2
HARRISBURG		3160	POINSETT	ST. FRANCIS	35 34	90 44	280						2
HARRISON		3164	BOONE	WHITE	36 14	93 07	1052	47	47				1 2 3
HARRISON AIRWAY	6-HARRISON AIRWAY	3166	BOONE	WHITE	36 14	93 07	1105						1 2 3
HEBER SPRINGS 3 MI. SW	HEBER SPRINGS (NR)	3230	CLEBURNE	WHITE	35 28	92 03	-					6/48	2
HECTOR		3235	POPE	ARKANSAS	35 28	92 58	555						2
HELENA		3242	PHILLIPS	MISSISSIPPI	34 32	90 35	200	75	75				1 2 3
HENDERSON		3258	BAXTER	WHITE	36 22	92 14	498						2
HILLEMANN		3354	WOODRUFF	WHITE	35 08	91 05	231						2
HOPE		3428	HEMPSTEAD	RED	33 43	93 33	375	77	77				1 2 3 4
HOPPER		3438	MONTGOMERY	OUACHITA	34 22	93 41	700					6/48	2
HORATIO		3442	SEVIER	RED	33 56	94 22	337						2
HOT SPRINGS NATL. PARK	HOT SPRINGS	3466	GARLAND	OUACHITA	34 31	93 03	630	55	55				1 2 3
HUNTSVILLE		3540	MADISON	WHITE	36 05	93 44	1453						2
HUTTIG DAM	LOCK AND DAM #6	3556	UNION	OUACHITA	33 02	92 05	60						2
ICELEDO		3570	NEWTON	WHITE	35 52	92 59	1365						2
INDEX		3584	LITTLE RIVER	RED	33 35	94 03	300						2
JASPER		3600	NEWTON	WHITE	36 01	93 11	857					6/48	2
JESSIEVILLE		3704	GARLAND	OUACHITA	33 42	93 04	730					6/48	2
JONESBORO		3734	CRAIGHEAD	WHITE	35 50	90 42	345	52	52				1 2 3
JUDSONIA		3768	WHITE	WHITE	35 16	91 38	212					6/48	2
KEO		3862	LONOKE	ARKANSAS	34 36	92 00	230						1 2 3
KINGSLAND	KINGSLAND (NR)	3904	CLEVELAND	OUACHITA	33 50	92 16	214			5			2
LAKE CITY		3998	CRAIGHEAD	ST. FRANCIS	35 49	90 26	230						2
LAKE LEATHERWOOD		4006	CARROLL	WHITE	36 27	93 46	-						2
LANGLEY	LANGLEY (NR)	4060	PIKE	OUACHITA	34 19	93 50	-						2
LEAD HILL		4106	BOONE	WHITE	36 24	92 54	650	42	42				1 2 3
LEE CREEK	LEE CREEK G. S.	4116	CRAWFORD	ARKANSAS	35 42	94 19	1000			2			2
LEOLA		4134	GRANT	OUACHITA	34 10	92 35	261			5			2
LITTLE ROCK WB AIRPORT	LITTLE ROCK (AP)	4248	PULASKI	ARKANSAS	34 44	92 14	257	68	68				1 2 3
LITTLE ROCK FILT. PLANT		4250	PULASKI	ARKANSAS	34 46	92 19	512					6/48	2
LOCK AND DAM NO. 3		4256	INDEPENDENCE	WHITE	35 51	91 51	370						2
LOST CORNERS		4324	POPE	WHITE	35 34	92 50	1550					6/48	2
LOUANN		4332	OUACHITA	OUACHITA	33 24	92 48	132			4			2
LURTON		4386	NEWTON	WHITE	35 46	93 05	2007						2
LUTHERVILLE		4390	JOHNSON	ARKANSAS	35 29	93 15	775	51	51				1 2 3
MADISON		4528	ST. FRANCIS	ST. FRANCIS	35 00	90 43	215			17			2
MAGNOLIA	MAGNOLIA (NR)	4548	COLUMBIA	RED	33 17	93 14	315	31	31				1 2 3
MALVERN		4562	HOT SPRINGS	OUACHITA	34 22	92 49	311					6/48	1 2 3
MAMMOTH SPRING		4572	FULTON	WHITE	36 29	91 32	600	43	43				1 2 3
MARIANNA	MARIANNA (NR)	4638	LEE	ST. FRANCIS	34 44	90 49	234	36	36				1 2 3
MARKED TREE		4654	POINSETT	ST. FRANCIS	35 32	90 25	229	43	43				1 2 3
MARSHALL		4666	SEARCY	WHITE	35 55	92 43	1050	29	29				1 2 3
MARVELL		4678	PHILLIPS	WHITE	34 33	90 55	195						2
MAUMEE		4696	SEARCY	WHITE	36 03	92 39	749			8			2
MELBOURNE		4746	IZARD	WHITE	36 04	91 54	610			3			2
MENA		4756	POLK	OUACHITA	34 35	94 15	1207	59	59				1 2 3
MONTICELLO		4900	DREW	OUACHITA	33 35	91 50	250	7	7				1 2 3
MONTROSE		4906	ASHLEY	OUACHITA	33 18	91 29	125			5			2
MOROBAY LOCK AND DAM	MOROBAY LOCK AND DAM NO. 8	4934	CALHOUN	OUACHITA	33 19	92 27	85						1 2 3
MORRILTON		4938	CONWAY	ARKANSAS	35 08	92 44	328	31	31				1 2 3
MOUNT IDA 1	MOUNT IDA	4988	MONTGOMERY	OUACHITA	34 33	93 37	702	48	48				1 2 3
MOUNT IDA 2	MOUNT IDA	4990	MONTGOMERY	OUACHITA	34 33	93 37	-			4			2
MOUNT MAGAZINE		5010	LOGAN	ARKANSAS	35 10	93 41	2800	0	0			8/48	1 2 3
MOUNTAIN HOME		5036	BAXTER	WHITE	36 20	92 30	800	35	35				1 2 3
MOUNTAIN VIEW		5046	STONE	WHITE	35 52	92 07	768			8			2
MOUNTAINBURG		5056	CRAWFORD	ARKANSAS	35 38	94 10	736			10			2
MULBERRY		5072	FRANKLIN	ARKANSAS	35 34	94 01	500			8			2
MURFREESBORO		5078	PIKE	OUACHITA	34 04	93 41	367			8			2
NASHVILLE		5112	HOWARD	RED	33 58	93 51	350	9	9				1 2 3
NASHVILLE SCS	NASHVILLE SCS 1-R	5114	HOWARD	RED	33 57	93 51	373			4			2
NATHAN 4 MI. NW		5158	HOWARD	OUACHITA	34 07	93 52	550			0			2
NEWHOPE		5174	PIKE	OUACHITA	34 14	93 50	850			8			2
NEWPORT		5186	JACKSON	WHITE	35 36	91 17	225	64	64				1 2 3
NIMROD DAM		5200	PERRY	ARKANSAS	34 57	93 10	470	6	6				1 2 3 4
NORFORK DAM		5228	BAXTER	WHITE	36 15	92 15	425	2	7				1 2 3 4
OARK		5344	JOHNSON	WHITE	36 18	92 21	-					6/48	2
ODELL		5354	WASHINGTON	ARKANSAS	35 48	94 24	1500						2
ODEN		5358	MONTGOMERY	OUACHITA	34 38	93 48	800			20			2
OKAY		5376	HOWARD	RED	33 44	93 56	300	19	19				1 2 3
OSCEOLA		5480	MISSISSIPPI	MISSISSIPPI	35 43	89 58	250			47			2
OWENSVILLE		5498	SALINE	OUACHITA	34 27	92 49	500			4			2
OZARK		5508	FRANKLIN	ARKANSAS	35 29	93 50	396	52	52				1 2 3
PARAGOULD		5562	GREEN	ST. FRANCIS	36 04	90 29	275	24	24				1 2 3
PARKIN		5586	CROSS	ST. FRANCIS	35 16	90 35	222			17			2
PARTHENON		5602	NEWTON	ARKANSAS	35 57	93 15	925			8			2
PERRYVILLE		5694	PERRY	ARKANSAS	35 00	92 49	325	8	8				1 2 3
PINE BLUFF		5754	JEFFERSON	ARKANSAS	34 12	92 00	215	60	60				1 2 3
PINE BLUFF C. A. A.	PINE BLUFF AP, 3 MI. N.	5756	JEFFERSON	ARKANSAS	34 15	92 00	215						2
PINE RIDGE		5760	MONTGOMERY	OUACHITA	34 35	93 54	840			23			2
POCAHONTAS		5820	RANDOLPH	WHITE	36 16	90 59	330	54	54				1 2 3
PORTLAND		5886	ASHLEY	OUACHITA	33 14	91 30	122	41	41				1 2 3
PRESCOTT		5908	NEVADA	OUACHITA	33 48	93 23	318	59	59				1 2 3
PRESCOTT 8 C S	PRESCOTT	5910	NEVADA	OUACHITA	33 48	93 23	-			7			2
PYATT	PYATT (NR)	5970	MARION	WHITE	36 16	92 51	800			6			2
RATCLIFF		6008	LOGAN	ARKANSAS	35 18	93 53	483			3			2
RAVANA		6016	MILLER	RED	33 04	94 02	250			8			2
RED STAR		6078	MADISON	WHITE	35 51	93 31	2250			5			2
REMMEL DAM		6102	HOT SPRING	OUACHITA	34 26	92 54	-			8			2
RISON		8174	CLEVELAND	OUACHITA	33 48	92 11	231			32		6/48	2
ROCKHOUSE		6214	MADISON	WHITE	36 17	93 40	1214			2			2
ROGERS		6248	BENTON	WHITE	36 18	94 02	1387	57	57				1 2 3
ROSEBUD		6278	FAULKNER	ARKANSAS	35 20	92 04	-						2
RUSSELLVILLE		6352	POPE	ARKANSAS	35 18	93 08	360	35	35				1 2 3 4
SAINT CHARLES		6376	ARKANSAS	WHITE	34 23	91 08	200	14	14				1 2 3
SAINT FRANCIS		6380	CLAY	ST. FRANCIS	36 27	90 08	300			20			2
SEARCY		6506	WHITE	WHITE	35 15	91 44	245	37	37				1 2 3
SHERIDAN		6566	GRANT	OUACHITA	34 27	92 21	290	7	7				1 2 3
SHIRLEY		6586	VAN BUREN	WHITE	35 38	92 17	600			8			2

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								Temperature	Precipitation	Evaporation	Month opened	Month closed	
SILOAM SPRINGS		6624	HENTON	WHITE	36 11	94 33	1150	7	7				I 2 3
SMITHVILLE		6698	LAWRENCE	WHITE	36 05	91 18	450		2				2
SPARKMAN		6768	DALLAS	OUACHITA	33 55	92 48	260		5		6/48	6/48	2
STAMPS		6804	LAFAYETTE	RED	33 24	93 27							2
STAR CITY		6820	LINCOLN	OUACHITA	33 57	91 50	250		5		6/48		2
STEVE		6856	YELL	ARKANSAS	34 53	93 19	682		4				2
STORY		6890	MONTGOMERY	OUACHITA	34 42	93 31	650		23				2
STUTTGART		6918	ARKANSAS	ARKANSAS	34 29	91 32	214	60	60				1 2 3
STUTTGART 9 MI. ESE	STUTTGART (NR) (EVAP)	6920	ARKANSAS	ARKANSAS	34 28	91 25	198	12	12				1 2 3 4
SUBIACO		6928	LOGAN	ARKANSAS	35 18	93 39	500	49	49				1 2 3
SUGAR GROVE		6940	LOGAN	ARKANSAS	35 04	93 48	500		8				2
SUGAR LOAF MOUNTAIN		6944	CLEBURNE	WHITE	35 29	91 58	300		3				2
TAYLOR		7038	COLUMBIA	RED	33 06	93 27	247		5				2
TEXARKANA WB AIRPORT	TEXARKANA (AP)	7048	MILLER	RED	33 27	94 00	368	63	63				1 2 3
TICHNOR		7102	ARKANSAS	RED	34 08	91 16					6/48		2
TINSMAN		7118	CALHOUN	OUACHITA	33 38	92 21	170		5				2
TURNPIKE		7262	POPE	ARKANSAS	35 40	93 05	2087	23	23				1 2 3
VICK	VICK (NR)	7420	BRADLEY	OUACHITA	33 19	92 09	115		6				2
VIOLA		7450	FULTON	WHITE	36 24	91 59	692		7				2
WALDRON		7488	SCOTT	ARKANSAS	34 54	94 06	675	28	28				1 2 3
WALNUT GROVE		7524	INDEPENDENCE	WHITE	35 51	91 21	250		7				2
WARREN		7582	BRADLEY	OUACHITA	33 36	92 04	206	53	53				1 2 3
WEDINGTON LAKE	LAKE WEDINGTON	7638	WASHINGTON	ARKANSAS	36 06	94 23	1150		3				2
WEST FORK		7694	WASHINGTON	WHITE	35 55	94 11	1340		8				2
WHEELING		7744	FULTON	WHITE	36 19	91 52	680		8				2
WHITE ROCK		7772	FRANKLIN	ARKANSAS	35 41	93 57	2285	11	11				1 2 3
WHITECLIFFS		7812	LITTLE RIVER	RED	33 48	94 03	290						2
WILSON		7912	MISSISSIPPI	MISSISSIPPI	35 34	90 02	237	22	22				1 2 3
WINFREY		7936	CRAWFORD	ARKANSAS	35 44	94 06	1152		8				2
WING		7950	YELL	ARKANSAS	34 57	93 28	350		5				2
WYNNE		8052	CROSS	ST. FRANCIS	35 13	90 46	260	39	39				1 2 3
YELLVILLE		8084	MARION	WHITE	36 13	92 41	900		3				2

REFERENCE NOTES

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.

The four digit identification numbers in the Index are assigned on a state basis. There will be no duplication of numbers within a state.

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

- no record.
- + also later dates or months.
- // gage is equipped with a windshield.
- B adjusted to full month.
- M 1 to 10 days' record missing; see monthly Climatological Data for detailed daily record.
- T trace, an amount too small to measure.

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W.H.O., Ft. Worth, Tex., -- 3/11/49 -- 1525



