

1998

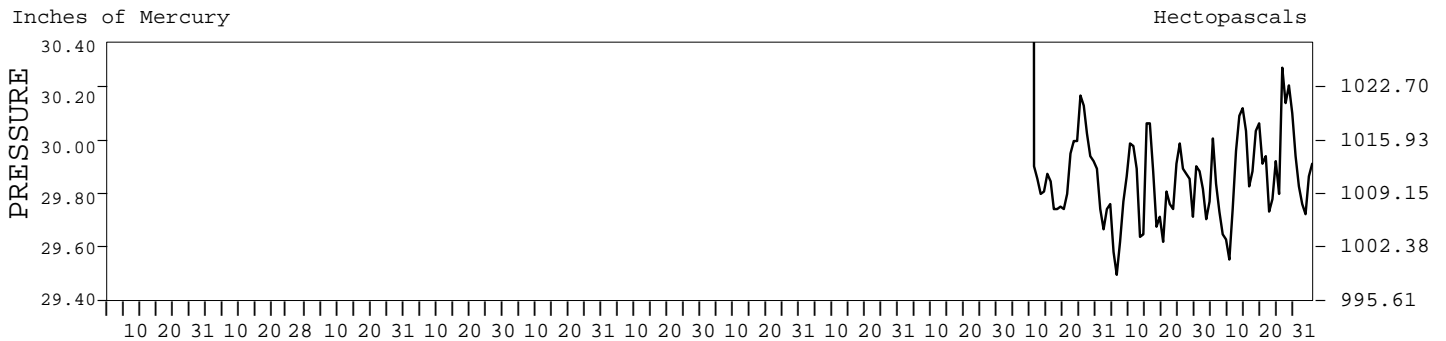
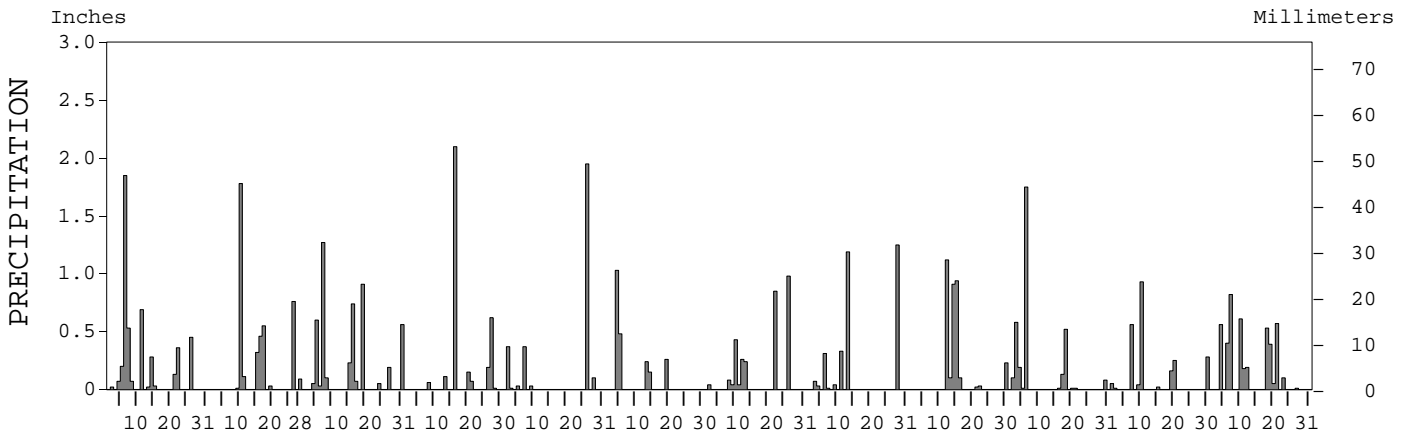
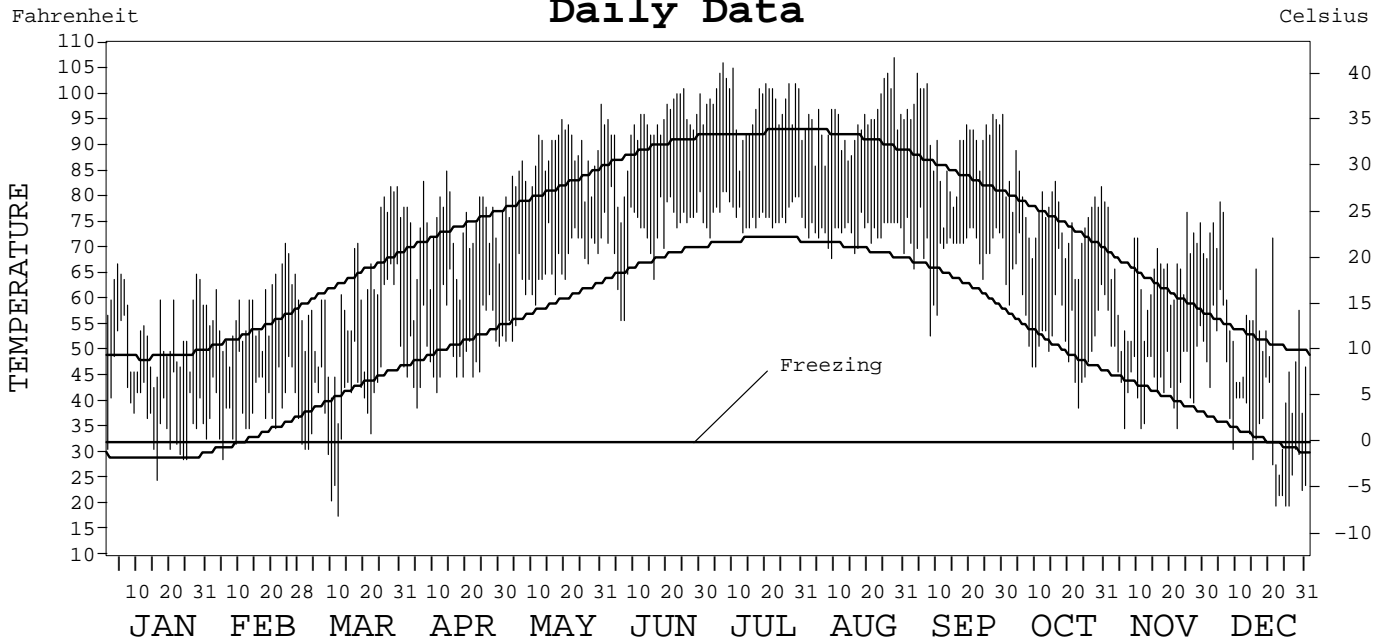
LOCAL CLIMATOLOGICAL DATA
ANNUAL SUMMARY WITH COMPARATIVE DATA



ISSN 0198-0629

LITTLE ROCK,
ARKANSAS (LIT)

Daily Data



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Thomas R. Karl

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
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METEOROLOGICAL DATA FOR 1998

LITTLE ROCK, AR (LIT)

LATITUDE: 34° 44' 48" N LONGITUDE: 92° 13' 59" W ELEVATION (FT): GRND: 258 BARO: 258 TIME ZONE: CENTRAL (UTC+ 6) WBAN: 13963

	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	
TEMPERATURE °F	MEAN DAILY MAXIMUM	54.6	57.9	60.9	73.5	86.7	93.1	97.9	94.7	91.4	76.5	64.4	53.4	75.4	
	HIGHEST DAILY MAXIMUM	67	71	82	85	98	101	106	107	104	89	78	79	107	
	DATE OF OCCURRENCE	04	24	30+	14	31	25	07	28	04	04	01	05	AUG 28	
	MEAN DAILY MINIMUM	38.7	39.8	42.4	50.5	65.0	73.0	76.5	73.1	69.7	55.0	45.2	36.4	55.4	
	LOWEST DAILY MINIMUM	25	29	18	39	52	56	72	68	53	39	35	20	18	
	DATE OF OCCURRENCE	16	05	12	05	04+	07+	03	09	08	23	22+	26+	MAR 12	
	AVERAGE DRY BULB	46.7	48.9	51.7	62.0	75.9	83.1	87.2	83.9	80.6	65.8	54.8	44.9	65.5	
	MEAN WET BULB											51.0	41.4		
	MEAN DEW POINT											47.0	36.7		
	NUMBER OF DAYS WITH:														
	MAXIMUM ≥ 90°	0	0	0	0	11	26	30	26	22	0	0	0	115	
	MAXIMUM ≤ 32°	0	0	0	0	0	0	0	0	0	0	0	3	3	
	MINIMUM ≤ 32°	8	2	7	0	0	0	0	0	0	0	0	13	30	
MINIMUM ≤ 0°	0	0	0	0	0	0	0	0	0	0	0	0	0		
H/C	HEATING DEGREE DAYS	562	445	446	123	0	0	0	0	0	67	301	627	2571	
	COOLING DEGREE DAYS	0	0	40	40	344	548	697	592	473	98	3	11	2846	
RH	MEAN (PERCENT)										75	78	76		
	HOUR 06 LST										90	91	86		
	HOUR 12 LST										56	65	66		
	HOUR 18 LST										69	72	70		
	HOUR 24 LST										87	86	82		
S	PERCENT POSSIBLE SUNSHINE														
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG (VISBY ≤ 1/4 MI)	2	0	1	0	1	0	0	0	0	1	6	4	15	
	THUNDERSTORMS	3	2	4	6	8	7	13	10	2	5	3	0	63	
CLOUDINESS	AVG. SKY COVER (OKTAS)														
	SUNRISE - SUNSET														
	MIDNIGHT - MIDNIGHT														
	NUMBER OF DAYS WITH:														
	CLEAR														
	PARTLY CLOUDY														
	CLOUDY														
PR	MEAN STATION PRESS. (IN.)											29.83	29.93		
	MEAN SEA-LEVEL PRESS. (IN.)	30.06	29.93	30.02	29.95	29.90	29.92	29.99	30.03	29.95	30.13	30.11	30.22	30.02	
WINDS	RESULTANT SPEED (MPH)	1.3	1.4	1.6	3.1	1.6	3.0	1.8	1.0	0.7	1.5	0.7	1.9	0.3	
	RES. DIR. (TENS OF DEGS.)	07	33	24	25	22	34	14	11	32	06	18	36	31	
	MEAN SPEED (MPH)	6.6	7.2	9.4	8.5	6.7	8.9	6.6	5.4	6.4	5.7	6.2	8.0	7.1	
	PREVAIL. DIR. (TENS OF DEGS.)	12	25	18	18	18	18	24	06	06	04	24	03	18	
	MAXIMUM 2-MINUTE WIND:														
	SPEED (MPH)											21	36	25	
	DIR. (TENS OF DEGS.)											16	23	36	
	DATE OF OCCURRENCE											16	10	29+	
	MAXIMUM 5-SECOND WIND:														
	SPEED (MPH)											29	47	31	
DIR. (TENS OF DEGS.)											16	25	33		
DATE OF OCCURRENCE											16	10	21		
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	4.70	4.11	4.80	3.31	2.86	2.16	2.96	3.23	3.45	3.39	2.30	4.41	41.68	
	GREATEST 24-HOUR (IN.)	1.85	1.78	1.27	2.10	1.95	1.03	0.98	1.25	1.12	1.75	0.97	1.11	2.10	
	DATE OF OCCURRENCE	06	10	07	16	26	04	26	28	12	06	09-10	06-07	APR 16	
	NUMBER OF DAYS WITH:														
	PRECIPITATION ≥ 0.01	13	9	12	8	7	5	9	8	8	11	9	12	111	
PRECIPITATION ≥ 0.10	8	6	8	5	4	5	5	4	6	6	5	10	72		
PRECIPITATION ≥ 1.00	1	1	1	1	1	1	0	2	1	1	0	0	10		
SNOWFALL	SNOW, ICE PELLETS, HAIL:														
	TOTAL (IN.)	0.0	0.0	T	T	0.0	T	0.0	0.0	0.0	0.0				
	GREATEST 24-HOUR (IN.)	0.0	0.0	T	T	0.0	T	0.0	0.0	0.0	0.0				
	DATE OF OCCURRENCE			13	21+		04								
	MAXIMUM SNOW DEPTH (IN.)	0	0	0	0	0	0	0	0	0	0				
	DATE OF OCCURRENCE														
NUMBER OF DAYS WITH:															
SNOWFALL ≥ 1.0	0	0	0	0	0	0	0	0	0	0					

NORMALS, MEANS, AND EXTREMES

LITTLE ROCK, AR (LIT)

LATITUDE: LONGITUDE: ELEVATION (FT): TIME ZONE: WBAN: 13963
 34° 44' 48" N 92° 13' 59" W GRND: 258 BARO: 258 CENTRAL (UTC+ 6)

	ELEMENT	POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	49.0	53.9	64.0	73.4	81.3	89.3	92.4	91.4	84.6	75.1	62.7	52.5	72.5
	MEAN DAILY MAXIMUM	51	49.7	54.8	63.3	73.2	81.5	89.3	92.4	91.6	84.9	75.1	62.1	52.8	72.6
	HIGHEST DAILY MAXIMUM	57	83	85	91	95	98	105	112	108	106	97	86	80	112
	YEAR OF OCCURRENCE		1950	1986	1974	1987	1998	1988	1986	1980	1947	1963	1955	1956	JUL 1986
	MEAN OF EXTREME MAXS.	51	72.0	76.0	81.8	86.2	91.6	97.2	100.5	99.8	95.7	88.7	79.4	72.7	86.8
	NORMAL DAILY MINIMUM	30	29.1	33.2	42.2	50.7	59.0	67.4	71.5	69.8	63.5	50.9	41.5	33.1	51.0
	MEAN DAILY MINIMUM	51	30.9	34.7	42.2	51.1	59.8	68.1	71.8	70.3	63.4	51.5	41.0	33.9	51.6
	LOWEST DAILY MINIMUM	57	-4	-5	11	28	40	46	54	52	37	29	17	-1	-5
	YEAR OF OCCURRENCE		1962	1951	1951	1971	1971	1969	1972	1986	1942	1989	1976	1989	FEB 1951
	MEAN OF EXTREME MINS.	51	13.7	18.5	25.8	35.7	46.3	56.6	63.8	61.4	49.0	36.5	24.8	17.6	37.5
	NORMAL DRY BULB	30	39.1	43.6	53.1	62.1	70.2	78.4	81.9	80.6	74.1	63.0	52.1	42.8	61.7
	MEAN DRY BULB	51	40.2	44.8	52.7	62.2	70.7	78.8	82.1	81.0	74.1	63.3	51.6	43.4	62.1
	MEAN WET BULB	13	36.5	40.7	47.5	55.5	64.3	71.3	68.3	67.5	61.5	52.3	44.2	37.0	53.9
	MEAN DEW POINT	13	30.5	34.1	40.6	49.6	60.3	67.5	65.2	64.4	58.0	47.9	39.4	32.2	49.1
	NORMAL NO. DAYS WITH:														
MAXIMUM ≥ 90°	30	0.0	0.0	*	0.3	3.8	16.3	22.1	19.8	9.0	1.2	0.0	0.0	72.5	
MAXIMUM ≤ 32°	30	3.6	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*	1.6	6.4	
MINIMUM ≤ 32°	30	20.5	13.7	4.5	0.5	0.0	0.0	0.0	0.0	0.0	0.2	5.3	15.6	60.3	
MINIMUM ≤ 0°	30	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	
H/C	NORMAL HEATING DEG. DAYS	30	803	599	384	133	25	0	0	0	8	128	387	688	3155
	NORMAL COOLING DEG. DAYS	30	0	0	15	46	187	402	524	484	281	66	0	0	2005
RH	NORMAL (PERCENT)	30	70	68	65	67	71	70	72	72	74	70	71	71	70
	HOUR 06 LST	30	76	74	72	74	82	82	83	84	85	82	78	76	79
	HOUR 12 LST	30	80	80	79	82	87	86	88	88	89	86	83	80	84
	HOUR 18 LST	30	61	59	56	56	58	55	56	56	58	53	58	62	57
	HOUR 24 LST	30	64	59	55	55	59	57	60	60	64	63	65	65	60
S	PERCENT POSSIBLE SUNSHINE	32	46	54	57	62	68	73	71	73	68	69	56	48	62
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG (VISBY ≤ 1/4 MI)	56	2.7	1.8	1.2	0.7	0.7	0.3	0.5	0.7	1.0	1.7	2.0	2.7	16.0
	THUNDERSTORMS	56	1.9	2.3	4.9	6.5	7.3	7.8	8.8	6.3	3.5	2.6	3.0	1.8	56.7
CLOUDINESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)	35	5.2	4.8	5.0	4.9	4.8	4.3	4.3	3.9	4.0	3.5	4.3	4.8	4.5
	MIDNIGHT-MIDNIGHT (OKTAS)	12	4.5	4.0	4.4	4.2	3.9	3.4	3.6	3.4	3.7	3.2	4.0	4.4	3.9
	MEAN NO. DAYS WITH:														
	CLEAR	35	8.6	9.1	8.6	8.7	8.0	9.5	8.8	11.6	11.2	14.4	11.0	9.2	118.7
PARTLY CLOUDY	35	6.1	5.7	7.0	7.5	10.8	11.6	12.9	10.9	8.6	7.1	5.9	5.9	100.0	
CLOUDY	35	16.3	13.5	15.4	13.8	12.3	8.9	9.3	8.5	10.1	9.5	13.1	16.0	146.7	
PR	MEAN STATION PRESSURE (IN)	24	29.89	29.84	29.74	29.71	29.68	29.70	29.73	29.74	29.77	29.81	29.83	29.87	29.78
	MEAN SEA-LEVEL PRES. (IN)	15	30.17	30.12	30.05	29.97	29.96	29.96	30.01	30.02	30.04	30.09	30.12	30.16	30.06
WINDS	MEAN SPEED (MPH)	38	8.4	8.7	9.4	8.8	7.5	7.1	6.7	6.3	6.7	6.8	8.0	8.0	7.7
	PREVAIL. DIR (TENS OF DEGS)	24	24	25	18	18	18	23	23	18	06	18	18	25	18
	FASTEST MILE:														
	SPEED (MPH)	37	44	57	56	65	61	60	56	54	50	58	49	48	65
	DIR. (TENS OF DEGS)		S	SW	SE	NW	NW	NE	NW	NW	NW	SSW	SW	SW	NW
YEAR OF OCCURRENCE		1950	1971	1959	1961	1952	1953	1960	1956	1952	1956	1952	1971	APR 1961	
	PEAK GUST:														
SPEED (MPH)															
DIR. (TENS OF DEGS)															
YEAR OF OCCURRENCE															
PRECIPITATION	NORMAL (IN)	30	3.42	3.61	4.91	5.49	5.17	3.57	3.60	3.26	4.05	3.75	5.20	4.83	50.86
	MAXIMUM MONTHLY (IN)	57	12.53	11.02	10.40	14.20	12.74	7.82	7.95	14.46	10.17	15.35	13.14	16.48	16.48
	YEAR OF OCCURRENCE		1950	1956	1990	1973	1968	1974	1988	1966	1978	1984	1988	1987	DEC 1987
	MINIMUM MONTHLY (IN)	57	0.50	0.51	0.73	0.50	0.69	T	0.14	T	0.28	0.01	0.28	1.26	T
	YEAR OF OCCURRENCE		1986	1947	1966	1987	1970	1952	1986	1995	1956	1944	1949	1958	AUG 1995
	MAXIMUM IN 24 HOURS (IN)	51	5.18	5.15	4.56	7.96	7.71	4.61	3.58	7.32	4.05	5.67	7.81	7.01	7.96
	YEAR OF OCCURRENCE		1969	1950	1990	1974	1955	1960	1988	1966	1967	1990	1988	1987	APR 1974
	NORMAL NO. DAYS WITH:														
PRECIPITATION ≥ 0.01	30	9.3	8.8	10.1	9.9	10.0	8.5	8.5	7.1	7.7	7.1	8.4	9.4	104.8	
PRECIPITATION ≥ 1.00	30	0.9	1.2	1.7	1.8	1.7	0.8	1.0	1.0	1.1	1.2	1.7	1.5	15.6	
SNOWFALL	NORMAL (IN)	30	2.5	1.7	0.7	T	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	5.7
	MAXIMUM MONTHLY (IN)	57	13.6	9.8	7.0	T	T	T	0.0	0.0	0.0	T	4.8	9.8	13.6
	YEAR OF OCCURRENCE		1988	1979	1971	1994	1997	1998				1993	1971	1963	JAN 1988
	MAXIMUM IN 24 HOURS (IN)	51	12.1	9.6	6.7	T	T	T	0.0	0.0	0.0	T	4.8	9.8	12.1
	YEAR OF OCCURRENCE		1988	1966	1971	1994	1988	1998				1993	1971	1963	JAN 1988
	MAXIMUM SNOW DEPTH (IN)	50	13	5	4	0	0	0	0	0	0	0	3	8	13
	YEAR OF OCCURRENCE		1988	1985	1984								1971	1963	JAN 1988
	NORMAL NO. DAYS WITH:														
SNOWFALL ≥ 1.0	30	1.1	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	2.1	

PRECIPITATION (inches) 1998 LITTLE ROCK, AR (LIT)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1969	8.06	2.41	3.65	4.30	3.60	2.98	3.40	2.73	2.33	3.60	3.94	8.10	49.10
1970	1.05	4.57	4.87	7.99	0.69	2.30	3.02	2.15	2.82	7.68	2.09	3.85	43.08
1971	2.07	2.21	3.24	1.70	5.37	7.66	4.01	8.62	0.78	2.55	3.38	6.97	48.56
1972	1.71	1.55	3.32	1.81	2.07	2.62	1.77	3.58	6.43	7.63	7.38	5.14	45.01
1973	5.64	2.95	7.89	14.20	3.96	2.66	6.59	1.26	9.09	5.93	9.03	5.19	74.39
1974	5.77	2.60	2.07	9.76	6.26	7.82	4.09	3.20	4.31	3.36	5.73	2.99	57.96
1975	4.64	4.38	7.67	4.14	5.87	1.56	3.98	2.73	1.86	1.62	3.68	2.92	45.05
1976	3.00	5.12	5.43	1.06	4.88	5.69	1.97	0.70	1.82	6.04	1.79	2.30	39.80
1977	2.70	1.96	6.75	4.47	2.89	4.70	5.07	1.37	6.38	0.63	9.34	1.40	47.66
1978	5.44	1.52	3.56	4.22	6.27	5.39	2.70	6.38	10.17	1.01	6.64	11.56	64.86
1979	4.05	5.67	3.10	9.64	11.54	4.45	4.27	6.51	4.35	3.36	4.02	3.53	64.49
1980	2.73	0.89	6.60	5.85	4.57	0.53	0.99	0.19	5.09	2.64	6.28	1.86	38.22
1981	1.11	3.89	4.00	2.75	9.73	7.80	3.15	2.91	1.37	6.11	1.64	1.34	45.80
1982	8.74	3.37	2.87	9.32	5.63	4.10	1.01	4.52	1.47	2.26	9.72	8.28	61.29
1983	2.25	1.49	4.19	6.72	7.58	3.34	1.07	0.79	0.41	3.73	4.47	9.07	45.11
1984	1.31	3.52	5.58	3.77	8.22	1.06	4.15	5.69	3.28	15.35	8.49	3.54	63.96
1985	3.11	2.78	5.27	8.63	2.99	2.40	3.30	3.52	4.36	3.91	5.78	2.97	49.02
1986	0.50	3.45	3.68	7.33	4.07	6.42	0.14	4.56	1.94	6.05	5.67	3.86	47.67
1987	2.07	7.07	3.52	0.50	4.56	4.63	1.60	2.12	7.56	1.37	10.96	16.48	62.44
1988	3.71	3.41	3.50	3.82	2.05	1.04	7.95	2.19	2.54	1.95	13.14	2.91	48.21
1989	3.01	9.55	7.64	2.57	4.04	3.95	7.87	1.21	3.57	1.70	1.95	2.19	49.25
1990	6.50	4.82	10.40	7.73	7.71	0.80	4.63	1.57	4.08	8.75	3.29	6.79	67.07
1991	6.88	3.03	3.56	12.44	2.87	2.28	2.03	6.78	3.01	7.00	5.18	4.59	59.65
1992	1.75	2.05	6.48	1.86	3.67	5.07	6.76	2.14	2.90	0.67	4.71	3.85	41.91
1993	5.06	2.44	3.05	5.40	5.49	2.04	1.24	2.77	1.44	4.10	6.33	4.41	43.77
1994	4.87	3.21	5.60	5.20	3.97	5.57	4.28	4.00	2.11	3.88	6.13	4.58	53.40
1995	3.94	2.40	3.74	4.95	4.56	1.85	2.99	T	1.88	5.54	2.33	2.83	37.01
1996	2.60	2.14	3.57	4.24	3.98	2.82	3.56	1.23	6.39	6.35	7.41	2.81	47.10
1997	1.88	4.65	6.48	7.73	3.92	5.41	1.88	2.18	3.75	4.35	3.87	3.66	49.76
1998	4.70	4.11	4.80	3.31	2.86	2.16	2.96	3.23	3.45	3.39	2.30	4.41	41.68
POR= 119 YRS	4.47	3.87	4.71	5.17	4.96	3.64	3.39	3.17	3.33	3.14	4.41	4.19	48.45

WBAN : 13963

AVERAGE TEMPERATURE (°F) 1998 LITTLE ROCK, AR (LIT)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1969	43.5	43.0	45.5	61.8	69.9	77.6	84.8	79.0	72.9	62.4	49.4	40.7	60.9
1970	35.7	42.1	48.2	63.1	71.9	78.7	79.9	81.2	78.1	61.5	50.3	47.2	61.5
1971	41.0	44.4	50.0	59.4	65.6	79.3	80.0	78.0	76.4	69.3	50.5	49.9	62.0
1972	43.6	46.7	53.3	62.5	69.8	79.4	80.4	81.1	75.8	62.6	47.3	41.0	62.0
1973	39.7	42.1	58.2	59.9	68.2	78.6	81.1	80.4	75.7	67.6	56.6	42.8	62.6
1974	42.4	45.7	58.1	60.7	71.3	74.3	83.2	79.0	69.0	62.3	51.9	44.4	61.9
1975	44.6	44.6	48.7	60.7	72.5	78.6	80.2	79.5	69.2	63.0	51.4	42.9	61.3
1976	39.7	52.5	56.5	61.1	64.6	74.4	80.2	78.7	72.1	57.8	45.9	41.9	60.5
1977	31.3	46.9	56.4	64.7	73.7	80.0	82.1	80.4	77.3	62.6	52.9	42.0	62.5
1978	31.7	34.0	51.0	65.9	71.4	78.9	84.1	83.0	76.7	62.0	54.6	43.3	61.4
1979	29.9	38.7	55.5	62.7	70.2	77.9	81.0	79.0	72.7	65.3	50.3	45.8	60.8
1980	44.0	40.9	50.3	61.5	70.6	79.4	88.1	87.0	78.6	60.4	50.4	43.1	62.9
1981	39.7	44.6	52.5	67.5	67.4	80.1	83.5	79.9	75.3	61.4	55.5	43.2	62.6
1982	37.5	41.3	57.1	58.0	72.7	76.6	83.1	82.1	74.2	64.7	53.2	48.3	62.4
1983	39.2	43.8	51.1	54.4	67.7	77.4	82.5	86.1	76.0	64.0	50.8	30.9	60.3
1984	36.7	46.6	50.1	59.7	68.0	79.8	79.7	78.1	71.0	65.0	49.0	52.1	61.3
1985	33.7	39.3	57.6	63.0	70.0	78.2	81.2	80.8	72.5	66.2	56.1	38.1	61.4
1986	42.5	48.2	55.4	63.6	71.4	79.7	86.3	78.1	77.6	63.1	49.7	42.4	63.2
1987	40.2	47.1	53.4	62.4	76.3	79.9	82.2	84.4	74.9	59.1	53.0	45.2	63.2
1988	35.6	42.9	52.2	61.5	70.4	78.8	81.7	82.4	75.8	60.4	53.3	44.4	61.6
1989	46.3	38.4	52.5	62.6	69.6	76.2	79.3	80.2	71.2	63.3	55.3	35.7	60.9
1990	48.1	51.3	55.4	62.0	68.1	80.6	83.2	82.2	77.5	61.5	56.3	43.1	64.1
1991	39.0	49.2	56.2	64.4	74.1	79.5	82.8	80.0	73.7	64.3	49.2	46.8	63.3
1992	42.7	50.6	54.4	62.6	69.0	76.5	81.0	76.5	72.7	64.4	50.1	43.9	62.0
1993	40.4	43.2	51.3	58.3	68.8	78.7	86.0	83.7	73.5	61.4	48.3	44.9	61.5
1994	38.3	45.2	53.9	64.4	68.3	81.8	80.0	78.9	72.7	64.3	56.1	46.3	62.5
1995	43.0	46.5	55.5	62.4	70.7	77.6	83.1	86.7	72.5	64.1	50.1	42.1	62.9
1996	40.0	46.2	48.2	60.4	74.3	79.4	81.9	80.8	73.5	63.6	48.4	46.4	61.9
1997	41.0	47.2	56.7	58.2	68.3	77.1	84.0	80.4	76.4	63.9	49.9	42.6	62.1
1998	46.7	48.9	51.7	62.0	75.9	83.1	87.2	83.9	80.6	65.8	54.8	44.9	65.5
POR= 119 YRS	41.3	44.7	53.0	62.4	70.3	78.2	81.6	80.6	74.3	63.6	51.9	43.7	62.1

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HEATING DEGREE DAYS (base 65°F) 1998 LITTLE ROCK, AR (LIT)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1969-70	0	0	0	175	458	745	905	636	516	124	23	0	3582
1970-71	0	0	4	153	442	554	737	571	470	182	55	0	3168
1971-72	0	0	9	6	437	466	659	525	360	149	20	0	2631
1972-73	0	0	8	142	530	736	777	637	216	186	28	0	3260
1973-74	0	0	2	61	261	680	690	533	255	163	4	0	2649
1974-75	0	0	23	111	401	634	630	566	499	196	5	0	3065
1975-76	0	0	48	130	414	681	777	359	284	146	70	0	2909
1976-77	0	0	1	257	567	710	1041	502	265	70	10	0	3423
1977-78	0	0	0	105	370	709	1025	862	436	68	48	0	3623
1978-79	0	0	0	118	321	667	1083	732	314	110	13	0	3358
1979-80	0	0	0	80	436	588	645	693	450	142	15	0	3049
1980-81	0	0	16	184	437	673	774	565	388	37	45	0	3119
1981-82	0	0	4	186	278	668	847	656	298	223	6	0	3166
1982-83	0	0	12	119	369	536	795	587	425	332	33	0	3208
1983-84	0	0	19	89	422	1050	872	530	460	190	24	0	3656
1984-85	0	0	44	81	476	408	962	713	251	101	8	0	3044
1985-86	0	0	31	82	283	825	691	467	298	91	7	0	2775
1986-87	0	1	0	112	454	694	762	496	353	145	0	0	3017
1987-88	0	0	0	182	358	609	904	637	388	123	4	0	3205
1988-89	0	0	1	163	358	633	573	738	395	156	39	0	3056
1989-90	0	0	23	112	313	898	516	380	316	152	31	0	2741
1990-91	0	0	8	173	260	675	798	438	294	69	10	0	2725
1991-92	0	0	23	97	483	560	682	413	324	134	40	0	2756
1992-93	0	0	14	69	441	647	755	606	423	215	15	1	3186
1993-94	0	0	13	174	506	613	824	548	339	105	49	0	3171
1994-95	0	0	22	111	276	573	678	512	318	119	27	0	2636
1995-96	0	0	24	93	445	703	767	540	520	180	7	0	3279
1996-97	0	0	11	103	492	576	741	488	261	217	28	0	2917
1997-98	0	0	1	149	451	685	562	445	446	123	0	0	2862
1998-	0	0	0	67	301	627							

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COOLING DEGREE DAYS (base 65°F) 1998 LITTLE ROCK, AR (LIT)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1969	4	0	0	21	176	386	622	439	243	100	0	0	1991
1970	3	0	0	77	243	416	471	511	404	51	9	9	2194
1971	0	0	11	19	79	435	470	411	355	146	10	3	1939
1972	2	0	3	81	174	440	484	507	341	76	3	0	2111
1973	0	0	14	41	135	415	506	485	330	147	17	0	2090
1974	0	0	45	37	206	288	572	441	148	36	14	0	1787
1975	6	0	4	73	245	416	475	455	178	73	14	2	1941
1976	0	5	27	37	65	292	480	434	220	42	0	0	1602
1977	0	0	7	67	287	455	537	482	377	40	14	0	2266
1978	0	0	9	104	253	424	599	565	357	31	16	0	2358
1979	0	0	24	48	178	396	502	442	240	95	1	0	1926
1980	0	1	1	42	196	439	725	688	432	50	5	0	2579
1981	0	0	9	117	131	458	580	470	318	78	2	0	2163
1982	0	0	57	21	253	355	570	540	294	114	20	24	2248
1983	0	0	0	21	121	381	550	660	355	63	6	0	2157
1984	0	1	4	38	126	451	462	416	234	88	3	17	1840
1985	0	0	31	48	167	404	508	501	265	125	21	0	2070
1986	0	5	7	56	211	446	668	415	385	63	0	0	2256
1987	0	0	3	74	359	456	540	610	304	8	3	0	2357
1988	0	0	2	24	177	423	523	546	332	25	15	0	2067
1989	0	0	13	91	189	345	450	479	213	70	29	0	1879
1990	0	4	26	67	135	475	571	540	392	73	8	0	2291
1991	0	1	30	56	299	445	558	472	290	82	14	2	2249
1992	0	0	4	70	170	352	505	364	249	60	0	0	1774
1993	0	0	4	22	138	419	656	591	276	69	14	0	2189
1994	0	3	3	96	161	510	472	435	256	100	15	0	2051
1995	5	0	31	47	207	383	568	683	254	73	4	0	2255
1996	0	5	6	49	303	437	529	499	273	62	1	6	2170
1997	5	0	13	21	138	369	597	485	351	122	4	0	2105
1998	0	0	40	40	344	548	697	592	473	98	3	11	2846

SNOWFALL (inches) 1998 LITTLE ROCK, AR (LIT)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1969-70	0.0	0.0	0.0	0.0	T	T	4.0	T	T	0.0	0.0	0.0	4.0
1970-71	0.0	0.0	0.0	0.0	0.0	T	T	0.7	7.0	T	0.0	0.0	7.7
1971-72	0.0	0.0	0.0	0.0	4.8	0.6	0.1	0.3	0.0	0.0	0.0	0.0	5.8
1972-73	0.0	0.0	0.0	0.0	T	0.7	2.6	T	0.0	T	0.0	0.0	3.3
1973-74	0.0	0.0	0.0	0.0	0.0	T	0.3	T	0.0	0.0	0.0	0.0	0.3
1974-75	0.0	0.0	0.0	0.0	T	T	1.4	0.4	2.4	0.0	0.0	0.0	4.2
1975-76	0.0	0.0	0.0	0.0	0.2	1.0	T	0.0	0.0	0.0	0.0	0.0	1.2
1976-77	0.0	0.0	0.0	0.0	1.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	4.8
1977-78	0.0	0.0	0.0	0.0	0.0	0.0	10.0	3.4	T	0.0	0.0	0.0	13.4
1978-79	0.0	0.0	0.0	0.0	0.0	T	1.4	9.8	0.0	0.0	0.0	0.0	11.2
1979-80	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.5	T	T	0.0	0.0	1.4
1980-81	0.0	0.0	0.0	0.0	1.8	T	T	0.0	0.0	0.0	0.0	0.0	1.8
1981-82	0.0	0.0	0.0	0.0	0.0	0.0	5.0	6.3	T	0.0	0.0	0.0	11.3
1982-83	0.0	0.0	0.0	0.0	0.0	T	T	T	T	T	0.0	0.0	T
1983-84	0.0	0.0	0.0	0.0	0.0	0.8	1.5	0.2	4.5	0.0	0.0	0.0	7.0
1984-85	0.0	0.0	0.0	0.0	0.0	T	6.3	5.0	0.0	0.0	0.0	0.0	11.3
1985-86	0.0	0.0	0.0	0.0	0.0	T	0.0	1.5	0.0	0.0	0.0	0.0	1.5
1986-87	0.0	0.0	0.0	0.0	T	0.0	1.0	T	0.8	0.0	0.0	0.0	1.8
1987-88	0.0	0.0	0.0	0.0	0.0	T	13.6	2.5	T	0.0	0.0	0.0	16.1
1988-89	0.0	0.0	0.0	0.0	0.0	T	2.0	T	1.0	0.0	0.0	0.0	3.0
1989-90	0.0	0.0	0.0	0.0	0.0	T	T	0.0	0.0	0.0	0.0	0.0	T
1990-91	0.0	0.0	0.0	0.0	0.0	T	T	T	T	T	0.0	0.0	T
1991-92	0.0	0.0	0.0	0.0	T	T	T	0.0	0.0	0.0	0.0	0.0	T
1992-93	0.0	0.0	0.0	0.0	T	T	0.0	T	T	0.0	0.0	0.0	T
1993-94	0.0	0.0	0.0	T	0.0	0.0	0.1	0.7	T	T	0.0	0.0	0.8
1994-95	0.0	0.0	0.0	0.0	0.0	T	7.0	T	1.0	0.0	0.0	0.0	8.0
1995-96	0.0	0.0	0.0	0.0	0.1	T	0.7	0.6	T	0.0	0.0	0.0	1.4
1996-97	0.0	0.0	0.0	0.0	0.0	T	T	4.7	0.0	T	T	0.0	4.7
1997-98	0.0	0.0	0.0	0.0	T	T	0.0	0.0	T	T	0.0	T	T
1998-	0.0	0.0	0.0										
POR= 55 YRS	0.0	0.0	0.0	T	0.2	0.6	2.3	1.4	0.5	T	0.0	0.0	5.0

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REFERENCE NOTES:

<p>PAGE 1: THE TEMPERATURE GRAPH SHOWS NORMAL MAXIMUM AND NORMAL MINIMUM DAILY TEMPERATURES (SOLID CURVES) AND THE ACTUAL DAILY HIGH AND LOW TEMPERATURES (VERTICAL BARS).</p> <p>PAGE 2 AND 3: H/C INDICATES HEATING AND COOLING DEGREE DAYS. RH INDICATES RELATIVE HUMIDITY W/O INDICATES WEATHER AND OBSTRUCTIONS S INDICATES SUNSHINE. PR INDICATES PRESSURE. CLOUDINESS ON PAGE 3 IS THE SUM OF THE CEILOMETER AND SATELLITE DATA NOT TO EXCEED EIGHT EIGHTHS(OKTAS).</p> <p>GENERAL: T INDICATES TRACE PRECIPITATION, AN AMOUNT GREATER THAN ZERO BUT LESS THAN THE LOWEST REPORTABLE VALUE. + INDICATES THE VALUE ALSO OCCURS ON EARLIER DATES. BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA. NORMALS ARE 30-YEAR AVERAGES (1961 - 1990). ASOS INDICATES AUTOMATED SURFACE OBSERVING SYSTEM. PM INDICATES THE LAST DAY OF THE PREVIOUS MONTH. POR (PERIOD OF RECORD) BEGINS WITH THE JANUARY DATA MONTH AND IS THE NUMBER OF YEARS USED TO COMPUTE THE MEAN. INDIVIDUAL MONTHS WITHIN THE POR MAY BE MISSING. WHEN THE POR FOR A NORMAL IS LESS THAN 30 YEARS, THE NORMAL IS PROVISIONAL AND IS BASED ON THE NUMBER OF YEARS INDICATED. 0.* OR * INDICATES THE VALUE OR MEAN-DAYS-WITH IS BETWEEN 0.00 AND 0.05. CLOUDINESS FOR ASOS STATIONS DIFFERS FROM THE NON-ASOS OBSERVATION TAKEN BY A HUMAN OBSERVER. ASOS STATION CLOUDINESS IS BASED ON TIME-AVERAGED CEILOMETER DATA FOR CLOUDS AT OR BELOW 12,000 FEET AND ON SATELLITE DATA FOR CLOUDS ABOVE 12,000 FEET. THE NUMBER OF DAYS WITH CLEAR, PARTLY CLOUDY, AND CLOUDY CONDITIONS FOR ASOS STATIONS IS THE SUM OF THE CEILOMETER AND SATELLITE DATA FOR THE SUNRISE TO SUNSET PERIOD.</p>	<p>GENERAL CONTINUED: CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS. WHEN AT LEAST ONE OF THE ELEMENTS (CEILOMETER OR SATELLITE) IS MISSING, THE DAILY CLOUDINESS IS NOT COMPUTED. WIND DIRECTION IS RECORDED IN TENS OF DEGREES (2 DIGITS) CLOCKWISE FROM TRUE NORTH. "00" INDICATES CALM. "36" INDICATES TRUE NORTH. RESULTANT WIND IS THE VECTOR AVERAGE OF THE SPEED AND DIRECTION. AVERAGE TEMPERATURE IS THE SUM OF THE MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURE DIVIDED BY 2. SNOWFALL DATA COMPRISE ALL FORMS OF FROZEN PRECIPITATION, INCLUDING HAIL. A HEATING (COOLING) DEGREE DAY IS THE DIFFERENCE BETWEEN THE AVERAGE DAILY TEMPERATURE AND 65° F. DRY BULB IS THE TEMPERATURE OF THE AMBIENT AIR. DEW POINT IS THE TEMPERATURE TO WHICH THE AIR MUST BE COOLED TO ACHIEVE 100 PERCENT RELATIVE HUMIDITY. WET BULB IS THE TEMPERATURE THE AIR WOULD HAVE IF THE MOISTURE CONTENT WAS INCREASED TO 100 PERCENT RELATIVE HUMIDITY.</p> <p>ON JULY 1, 1996, THE NATIONAL WEATHER SERVICE BEGAN USING THE "METAR" OBSERVATION CODE THAT WAS ALREADY EMPLOYED BY MOST OTHER NATIONS OF THE WORLD. THE MOST NOTICEABLE DIFFERENCE IN THIS ANNUAL PUBLICATION WILL BE THE CHANGE IN UNITS FROM TENTHS TO EIGHTHS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER.</p>
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1998
LITTLE ROCK,
ARKANSAS (LIT)

Little Rock is located on the Arkansas River near the geographical center of the state. It is situated on the dividing line between the Ouachita Mountains to the west and the flat lowlands comprising the Mississippi River Valley to the east. Elevations range from 222 feet at the river level to 257 feet over much of the flat land, including the airport in the southeast, to near 600 feet in the hilly residential area of the western portions of the city. Two minor temperature variations are observed due to the terrain; somewhat lower minimum temperatures are observed in the airport vicinity and a slight downslope adiabatic heating effect accompanies airflow from the ridges and hills in the west and northwest.

The modified continental climate of Little Rock includes exposure to all of the North American air mass types. However, with its proximity to the Gulf of Mexico, the summer season is marked by prolonged periods of warm and humid weather. The growing season averages 233 days in which 62 percent of the normal precipitation occurs. Winters are mild, but polar and Arctic outbreaks are not uncommon.

Precipitation is fairly well distributed throughout the year. Summer rainfall is almost completely of the convective type. The driest period usually occurs in the late summer and early fall. Snow is almost negligible. Glaze and ice storms, although infrequent, are at times severe. Warm front weather in the winter and early spring, characterized by shallow surface cold air flow from the north under warm moist Gulf air, results in excellent conditions for the production of freezing precipitation.

STATION LOCATION

LITTLE ROCK, ARKANSAS

LOCATION	OCCUPIED FROM	OCCUPIED TO	AIRLINE DISTANCES AND DIRECTIONS FROM PREVIOUS LOCATION	LATITUDE NORTH	LONGITUDE WEST	ELEVATION ABOVE										AUCOMPTHTCH GZ * * * * *	* Type M = AMOS T = AUTOB S = ASOS W = AWOS	REMARKS	
						SEA LEVEL	GROUND												
							G	W	E	P	S	T	R	W	8				H
<u>CITY</u>																			
Stoddard Building Main & Markham	7/1/79	3/1/87	NA	34° 45'	92° 16'	286		26											
SE Corner, Scott & 2nd	3/1/87	11/16/92	0.1 mi. SE	34° 45'	92° 16'	290		75											
NE Corner, Scott & Markham	11/16/92	7/1/98	0.1 mi. N	34° 45'	92° 16'	284	79	72											
Federal Building, NW Corner, 2nd & Center	7/1/98	10/8/07	0.2 mi. WSW	34° 45'	92° 16'	290	100	93	93		85								
Pyramid Building, 10th Floor, 2nd & Center	10/9/07	7/1/20	200 ft. SE	34° 45'	92° 16'	290	147	139	139		132								
Union Life Building 10th Floor, 212 Center	7/1/20	12/29/32	200 ft. SW	34° 45'	92° 16'	293	153	136	136		129								
New Post Office Bldg., Capitol Avenue	12/29/32	4/16/42	0.3 mi. SW	34° 45'	92° 16'	324	102	94	94		87								
<u>AIRPORT</u>																			
SE Corner Adams Field	1/15/33	8/15/34	NA	34° 44'	92° 13'														CAA Station.
Club House, West Edge of Adams Field	8/15/34	4/15/42	1.2 mi. WSW	34° 44'	92° 14'	257	29	6	6										CAA until WBAS established 12/2/38.
Administration Building West Edge, Adams Field	4/16/42	Present	150 ft. SSE	34° 44'	92° 14'	257	58 b67 d20	26 f19	26 f19	NA	18 c18 h15 j15	18 i	18 a18 h15 j15	e5	NA				a - Effective 10/30/44. b - Effective 6/16/51. c - Removed 10/18/51. d - Effective 11/7/59. e - Commissioned 5/3/60. f - Effective 11/15/63. g - Added 1/22/65. h - Lowered 9/1976. i - Removed 9/1976. j - Moved about 50' NE 11/1977.
																			S ASOS Commissioned 10/28/98

SUBSCRIPTION: Price and ordering information available through: National Climatic Data Center, Federal Building, Asheville, North Carolina 28801.
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