

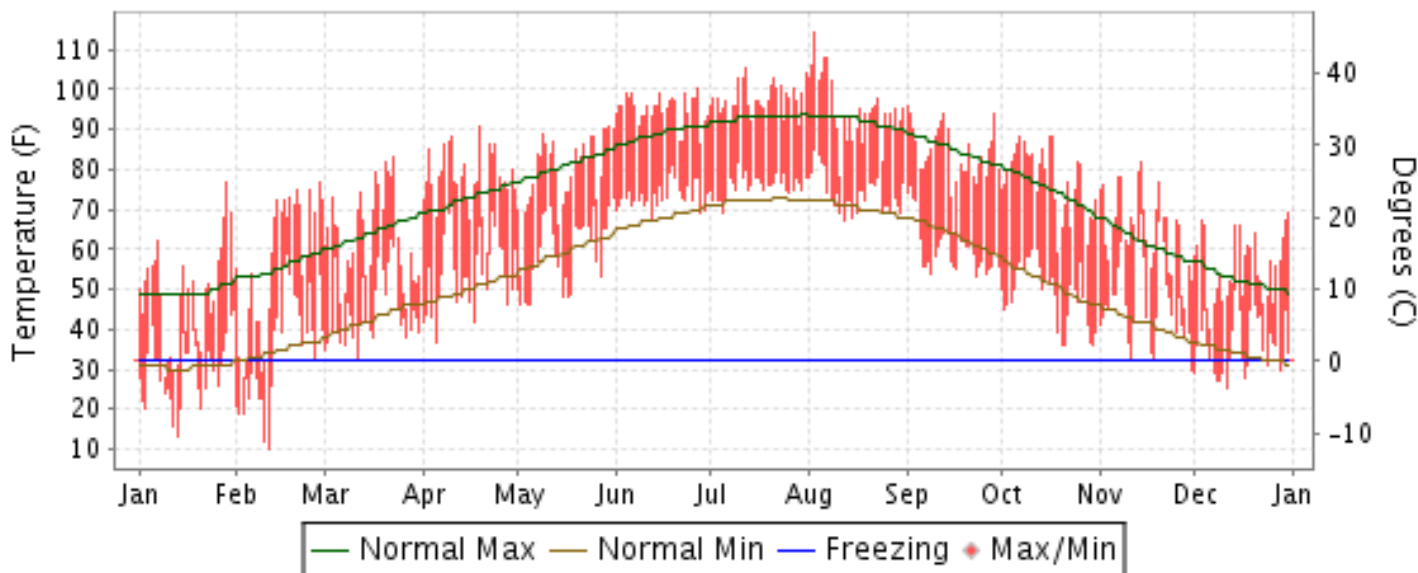


# 2011 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

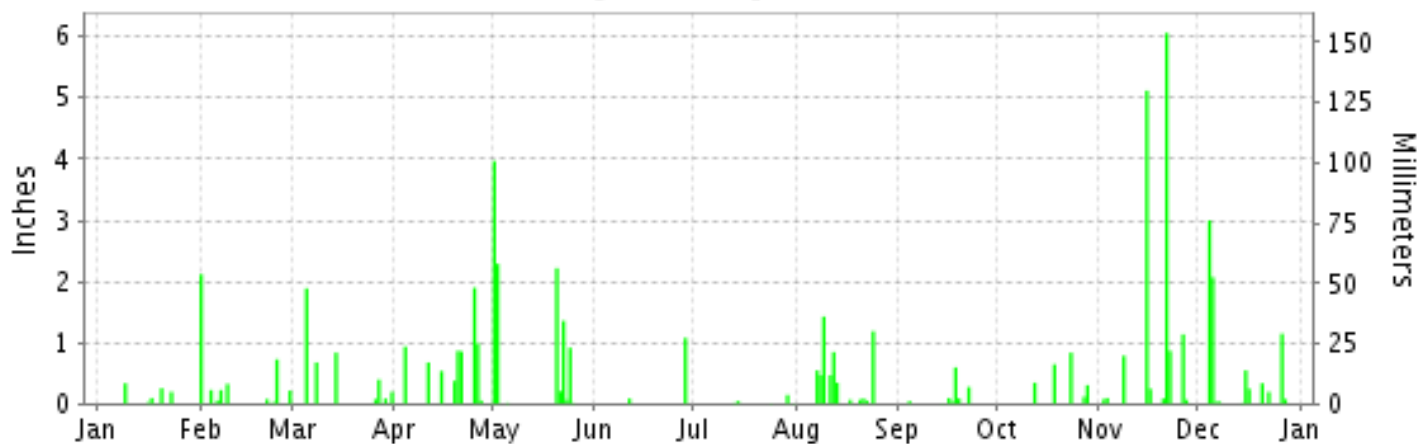
ISSN 0198-067X

## LITTLE ROCK, ARKANSAS (KLIT)

### Daily Max/Min Temperature



### Daily Precipitation



### Daily Station Pressure



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CLIMATIC DATA CENTER  
ASHEVILLE, NORTH CAROLINA

*Thomas R. Karl*  
DIRECTOR  
NATIONAL CLIMATIC DATA CENTER

# METEOROLOGICAL DATA FOR 2011

## LITTLE ROCK (KLIT)

LATITUDE: 34° 43'N      LONGITUDE: -92° 14'W      ELEVATION (FT): GRND: 258 BARO: 292      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	48.7	57.0	63.3	77.8	79.7	95.0	97.7	95.1	83.7	77.1	64.9	55.5	74.6	
	HIGHEST DAILY MAXIMUM	77	77	83	91	91	100	105	114	96	88	82	69	114	
	DATE OF OCCURRENCE	29	27	23	19	30	27	12	03	01	17+	14	31	AUG 03	
	MEAN DAILY MINIMUM	29.9	35.3	44.7	54.2	59.4	73.4	76.1	74.2	60.3	48.9	46.6	35.9	53.2	
	LOWEST DAILY MINIMUM	13	10	32	37	46	68	69	67	53	36	30	25	10	
	DATE OF OCCURRENCE	13	11	11	05	05+	12	05	12	23	30+	30	11	FEB 11	
	AVERAGE DRY BULB	39.3	46.2	54.0	66.0	69.6	84.2	86.9	84.7	72.0	63.0	55.8	45.7	64.0	
	MEAN WET BULB	35.0		48.2	58.9	63.0	74.2	76.5	75.4	63.0	54.4	51.0	41.6		
	MEAN DEW POINT	27.7		42.8	53.3	58.7	69.5	72.4	71.8	57.0	47.5	45.0	36.9		
	NUMBER OF DAYS WITH:														
	MAXIMUM >= 90°	0	0	0	1	4	27	31	26	8	0	0	0	0	97
MAXIMUM <= 32°	4	4	0	0	0	0	0	0	0	0	0	0	0	8	
MINIMUM <= 32°	18	12	1	0	0	0	0	0	0	0	1	13	45		
MINIMUM <= 0°	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H/C	HEATING DEGREE DAYS	789	522	354	70	53	0	0	0	5	119	302	589	2803	
	COOLING DEGREE DAYS	0	1	19	108	204	583	686	617	223	67	31	0	2539	
RH	MEAN (PERCENT)	66	69	70	67	70	64	67	70	64	64	68	74	68	
	HOUR 00 LST	72	74	75	72	79	75	80	82	76	77	76	81	77	
	HOUR 06 LST	76	78	82	87	85	82	85	85	79	85	79	87	83	
	HOUR 12 LST	57	62	64	57	60	49	49	54	48	44	58	61	55	
	HOUR 18 LST	59	64	61	53	59	50	53	60	53	52	64	66	58	
S	PERCENT POSSIBLE SUNSHINE														
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	0	0	0	0	0	0	0	0	0	0	0	0	0	
	THUNDERSTORMS	0	3	6	10	9	3	7	11	5	3	4	1	62	
CLOUDINESS	SUNRISE-SUNSET: (OKTAS)														
	CEILOMETER (<= 12,000 FT.)														
	SATELLITE (> 12,000 FT.)														
	MIDNIGHT-MIDNIGHT: (OKTAS)														
	CEILOMETER (<= 12,000 FT.)														
SATELLITE (> 12,000 FT.)															
NUMBER OF DAYS WITH:															
CLEAR															
PARTLY CLOUDY															
CLOUDY															
PR	MEAN STATION PRESS. (IN.)	29.84	29.82	29.78	29.59	29.65	29.64	29.66	29.63	29.72	29.79	29.80	29.93	29.74	
	MEAN SEA-LEVEL PRESS. (IN.)	30.13	30.11	30.07	29.87	29.93	29.92	29.94	29.91	30.00	30.08	30.09	30.22	30.02	
WINDS	RESULTANT SPEED (MPH)	1.9	0.9	0.3	5.4	2.6	4.8	3.0	1.9	2.5	0.1	2.2	0.5	1.2	
	RES. DIR. (TENS OF DEGS.)	32	25	06	20	21	19	15	14	02	15	21	27	20	
	MEAN SPEED (MPH)	6.8	8.5	8.6	9.9	8.8	7.0	5.7	5.4	5.9	5.6	8.7	5.8	7.2	
	PREVAIL.DIR.(TENS OF DEGS.)	06	20	05	19	17	20	15	14	01	25	16	35	19	
	MAXIMUM 2-MINUTE WIND														
	SPEED (MPH)	28	33	30	39	33	28	26	37	26	26	30	26	39	
	DIR. (TENS OF DEGS.)	29	31	31	27	21	06	33	31	29	33	29	08	27	
	DATE OF OCCURRENCE	07	01	23	15	25	13	31	10	18	19	21	26	APR 15	
	MAXIMUM 3-SECOND WIND:														
SPEED (MPH)	37	49	39	53	45	36	35	77	36	37	39	30	77		
DIR. (TENS OF DEGS.)	29	06	29	28	20	15	34	23	29	04	28	07	23		
DATE OF OCCURRENCE	07	01	23	15	25	21	31	07	18	27	14	26	AUG 07		
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	0.94	4.04	4.18	7.23	11.08	1.17	0.24	5.60	1.17	2.27	14.57	7.74	60.23	
	GREATEST 24-HOUR (IN.)	0.34	2.12	1.89	1.90	4.43	1.08	0.15	1.90	0.69	0.84	6.22	3.72	6.22	
	DATE OF OCCURRENCE	09	01	05	25	01-02	28	29	08-09	18-19	23	21-22	04-05	NOV 21-22	
	NUMBER OF DAYS WITH:														
	PRECIPITATION 0.01	6	10	7	10	9	2	5	11	7	5	10	11	93	
PRECIPITATION 0.10	4	6	5	8	6	1	1	7	3	5	7	7	60		
PRECIPITATION 1.00	0	1	1	1	4	1	0	2	0	0	3	3	16		
SNOWFALL	SNOW,ICE PELLETS,HAIL														
	TOTAL (IN.)	5.7	8.9	0.0	T	T	0.0	0.0	0.0	0.0	0.0	0.0	1.6	16.2	
	GREATEST 24-HOUR (IN.)	5.6	5.9	0.0	T	T	0.0	0.0	0.0	0.0	0.0	0.0	1.6	5.9	
	DATE OF OCCURRENCE	09	09		19	25							06-07	FEB 09	
	MAXIMUM SNOW DEPTH (IN.)	6	6	0	0	0	0	0	0	0	0	0	2	6	
	DATE OF OCCURRENCE	10	10										07	FEB 10	
NUMBER OF DAYS WITH:															
SNOWFALL >= 1.0	1	2	0	0	0	0	0	0	0	0	0	1	4		

# NORMALS, MEANS, AND EXTREMES LITTLE ROCK (KLIT)

LATITUDE:  
34° 43'N

LONGITUDE:  
-92° 14'W

ELEVATION (FT):  
GRND: 258 BARO: 292

TIME ZONE:  
CENTRAL (UTC -6)

WBAN: 13963

ELEMENT		POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	49.5	55.6	64.2	72.9	81.0	89.0	92.8	92.1	85.1	75.1	62.0	52.5	72.7
	MEAN DAILY MAXIMUM	115	50.4	52.1	63.3	71.6	80.4	87.1	91.6	91.2	83.7	74.8	61.3	52.3	71.7
	HIGHEST DAILY MAXIMUM	70	83	85	91	95	98	105	112	114	106	97	86	80	114
	YEAR OF OCCURRENCE		1950	1986	1974	1987	1998	1988	1986	2011	1947	1963	1955	2005	AUG 2011
	MEAN OF EXTREME MAXS.	115	72.3	75.7	81.8	86.4	91.6	96.7	100.3	100.4	95.7	88.8	79.7	72.6	86.8
	NORMAL DAILY MINIMUM	30	30.8	34.8	42.6	50.0	59.2	67.8	72.0	70.5	63.6	51.5	41.5	33.9	51.5
	MEAN DAILY MINIMUM	115	32.4	33.8	43.2	51.2	60.3	67.6	72.0	71.0	63.5	52.7	41.6	34.6	52.0
	LOWEST DAILY MINIMUM	70	-4	-5	11	28	40	46	54	52	37	29	17	-1	-5
	YEAR OF OCCURRENCE		1962	1951	1951	2007	1971	1969	1972	1986	1942	1989	1976	1989	FEB 1951
	MEAN OF EXTREME MINS.	115	14.2	18.8	26.3	35.9	46.6	57.4	63.9	62.1	49.0	36.5	25.3	18.0	37.8
	NORMAL DRY BULB	30	40.1	45.2	53.4	61.4	70.1	78.4	82.4	81.3	74.4	63.3	51.7	43.2	62.1
	MEAN DRY BULB	115	41.4	42.9	53.3	61.4	70.3	77.4	81.8	81.1	73.6	63.8	51.5	43.4	61.8
	MEAN WET BULB	28	38.1	41.5	48.0	55.9	64.0	70.5	73.0	72.3	66.1	56.7	48.4	40.5	56.3
	MEAN DEW POINT	28	35.2	38.0	44.6	53.0	61.9	68.7	71.4	70.5	63.9	54.2	45.7	37.6	53.7
	NORMAL NO. DAYS WITH: MAXIMUM >= 90	30	0.0	0.0	*	0.3	3.0	15.8	22.9	21.1	9.7	0.7	0.0	0.0	73.5
	MAXIMUM <= 32	30	2.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*	1.7	5.9
MINIMUM <= 32	30	18.4	11.2	4.0	0.5	0.0	0.0	0.0	0.0	0.0	0.1	5.1	14.4	53.7	
MINIMUM <= 0	30	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	
H/C	NORMAL HEATING DEG. DAYS	30	775	563	369	150	24	0	0	0	13	124	400	666	3084
	NORMAL COOLING DEG. DAYS	30	1	1	14	52	188	408	542	502	296	72	8	2	2086
RH	NORMAL (PERCENT)	30	71	68	67	68	73	72	72	71	72	71	72	72	71
	HOURLY 00 LST	30	76	74	72	76	84	84	83	83	84	82	79	77	80
	HOURLY 06 LST	30	81	80	80	84	88	88	89	88	88	87	84	81	85
	HOURLY 12 LST	30	63	59	57	56	59	57	56	55	57	54	60	63	58
	HOURLY 18 LST	30	65	59	56	55	61	59	59	59	62	62	66	67	61
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)	48	2.4	1.5	1.3	0.6	0.6	0.5	0.4	0.5	0.7	1.5	2.0	2.7	14.7
	THUNDERSTORMS	64	1.8	2.4	4.8	6.3	7.4	7.7	8.8	6.8	3.5	2.7	2.8	1.8	56.8
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)	28	29.88	29.84	29.77	29.70	29.70	29.70	29.72	29.72	29.75	29.79	29.83	29.87	29.77
	MEAN SEA-LEVEL PRES. (IN)	28	30.17	30.13	30.06	29.98	29.97	29.97	30.00	30.00	30.03	30.08	30.12	30.17	30.06
WINDS	MEAN SPEED (MPH)	28	7.6	8.0	8.6	8.3	7.0	6.3	6.0	5.7	6.0	6.1	7.2	7.3	7.0
	PREVAIL.DIR.(TENS OF DEGS)	37	25	05	19	19	19	19	23	25	05	25	19	25	23
	MAXIMUM 2-MINUTE: SPEED (MPH)	13	41	47	37	39	40	46	46	41	36	48	35	38	48
	DIR. (TENS OF DEGS)		30	25	24	27	31	30	02	26	21	27	32	32	27
	YEAR OF OCCURRENCE		2008	2008	2006	2011	2006	2001	2003	2006	2008	2010	2005	2007	OCT 2010
	MAXIMUM 3-SECOND SPEED (MPH)	13	54	67	52	53	48	87	55	77	48	63	47	46	87
	DIR. (TENS OF DEGS)		28	24	24	28	13	32	02	23	10	27	32	28	32
	YEAR OF OCCURRENCE		2008	2008	2006	2011	2010	1999	2003	2011	2008	2010	2005	2010	JUN 1999
PRECIPITATION	NORMAL (IN)	30	3.61	3.33	4.88	5.47	5.05	3.95	3.31	2.93	3.71	4.25	5.73	4.71	50.93
	MAXIMUM MONTHLY (IN)	70	12.53	11.02	10.40	14.20	13.06	7.82	11.65	14.46	10.17	16.56	14.57	16.48	16.56
	YEAR OF OCCURRENCE		1950	1956	1990	1973	2009	1974	2009	1966	1978	2009	2011	1987	OCT 2009
	MINIMUM MONTHLY (IN)	70	0.25	0.51	0.73	0.50	0.69	T	0.14	T	0.28	0.01	0.26	.63	0.01
	YEAR OF OCCURRENCE		2003	1947	1966	1987	1970	1952	1986	1995	1956	1999	2005	2007	OCT 1944
	MAXIMUM IN 24 HOURS (IN)	70	5.18	5.15	4.56	7.96	7.71	4.61	3.58	7.32	4.57	5.67	7.81	7.79	7.96
	YEAR OF OCCURRENCE		1969	1950	1990	1974	1955	1960	1988	1966	2008	1990	1988	2009	APR 1974
	NORMAL NO. DAYS WITH: PRECIPITATION >= 0.01	30	9.6	8.3	10.0	9.7	10.6	9.2	8.3	6.5	7.9	7.5	9.0	9.7	106.3
	PRECIPITATION >= 1.00	30	0.9	1.0	1.8	1.7	1.5	1.0	0.8	1.0	1.0	1.5	2.0	1.4	15.6
	SNOWFALL	NORMAL (IN)	30	2.0	1.3	0.6	0.*	0.0	0.0	0.0	0.0	0.0	0.*	0.3	0.1
MAXIMUM MONTHLY (IN)		61	13.6	9.8	7.0	T	T	T	T	0.0	0.0	T	4.8	9.8	13.6
YEAR OF OCCURRENCE			1988	1979	1971	2011	2011	1998				2010	1971	1963	JAN 1988
MAXIMUM IN 24 HOURS (IN)		55	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	2011	2011	1998				2010	1971	1963	JAN 1988
MAXIMUM SNOW DEPTH (IN)		54	13	6	4	0	0	0	0	0	0	0	3	8	13
YEAR OF OCCURRENCE			1988	2011	1984								1971	1963	JAN 1988
NORMAL NO. DAYS WITH: SNOWFALL >= 1.0	30	0.7	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	1.4	

**PRECIPITATION (inches) 2011 LITTLE ROCK (KLIT)**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
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
1999	6.11	1.10	4.85	5.33	3.40	6.10	2.41	0.91	1.56	4.97	0.26	5.25	42.25
2000	1.03	3.93	3.86	2.94	5.80	5.66	0.94	0.04	2.39	0.79	10.99	3.42	41.79
2001	2.98	8.46	3.94	1.40	4.04	2.05	1.56	1.76	2.54	5.24	5.30	8.31	47.58
2002	3.41	1.93	9.51	1.76	5.44	2.64	3.47	2.89	1.49	4.51	1.84	7.70	46.59
2003	0.25	5.56	2.47	1.80	4.27	7.68	2.05	1.26	3.54	2.16	4.94	3.50	39.48
2004	3.29	4.44	4.06	6.89	3.98	4.99	3.30	3.18	0.51	9.27	9.63	2.51	56.05
2005	4.88	3.00	3.36	3.05	1.06	2.80	4.00	4.00	3.71	1.02	3.04	0.63	34.55
2006	3.76	2.00	4.39	8.55	4.09	2.95	1.63	1.95	4.25	3.13	6.07	5.98	48.75
2007	9.56	1.55	1.61	4.50	3.46	1.97	3.28	0.14	4.65	6.17	2.51	5.03	44.43
2008	1.40	3.87	7.60	9.67	4.76	4.21	2.15	5.80	7.51	4.94	2.56	3.69	58.16
2009	2.60	2.16	4.63	5.33	13.06	3.08	11.65	2.75	6.44	16.56	1.20	12.33	81.79
2010	3.16	4.34	2.24	4.67	4.83	2.41	1.19	1.48	1.31	2.11	6.69	2.08	36.51
2011	0.94	4.04	4.18	7.23	11.08	1.17	0.24	5.60	1.17	2.27	14.57	7.74	60.23
POR= 115 YRS	4.29	3.64	4.60	5.22	4.93	3.55	3.27	3.08	3.39	3.45	4.40	4.41	48.23

WBAN : 13963

**AVERAGE TEMPERATURE (°F) 2011 LITTLE ROCK (KLIT)**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
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
1999	43.8	51.0	50.0	65.1	70.1	78.3	83.6	83.3	74.0	64.0	56.8	46.1	63.8
2000	43.0	50.7	55.9	61.1	72.3	76.5	82.7	86.5	75.4	65.7	48.0	32.0	62.5
2001	38.6	46.4	49.5	67.3	71.3	76.9	83.2	82.0	72.7	60.6	55.7	45.9	62.5
2002	44.4	42.9	49.3	64.6	67.9	77.9	81.6	81.2	76.8	61.2	49.7	43.3	61.7
2003	38.0	40.5	52.3	63.7	71.9	74.7	81.7	83.1	72.5	65.4	55.6	44.1	62.0
2004	42.9	42.1	58.2	62.5	72.1	77.5	80.0	77.5	75.3	67.4	54.7	43.3	62.8
2005	45.8	49.3	53.1	62.6	70.1	80.1	82.1	84.8	78.5	64.3	55.4	43.1	64.1
2006	49.8	42.7	55.5	68.2	72.4	79.0	84.1	84.4	73.0	62.2	53.3	47.1	64.3
2007	41.5	43.5	61.7	59.6	73.5	80.2	80.2	87.2	76.8	65.7	54.4	45.4	64.1
2008	40.6	45.5	53.8	60.6	70.6	79.8	83.4	80.4	73.7	62.7	50.7	42.9	62.1
2009	40.6	49.0	54.8	61.9	69.7	81.2	79.0	79.1	73.8	59.4	55.4	40.2	62.0
2010	38.8	38.3	53.9	66.2	74.5	85.0	86.0	86.5	77.4	65.7	53.2	41.1	63.9
2011	39.3	46.2	54.0	66.0	69.6	84.2	86.9	84.7	72.0	63.0	55.8	45.7	64.0
POR= 115 YRS	41.4	42.9	53.3	61.4	70.3	77.4	81.8	81.1	73.6	63.8	51.5	43.4	61.8

**HEATING DEGREE DAYS (base 65°F) 2011 LITTLE ROCK (KLIT)**

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
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
1998-99	0	0	0	67	301	627	650	387	458	73	1	0	2564
1999-00	0	0	4	100	250	581	672	418	288	131	8	0	2452
2000-01	0	0	16	97	513	1014	811	515	477	64	7	0	3514
2001-02	0	0	17	165	274	585	640	613	486	111	51	0	2942
2002-03	0	0	0	170	463	664	827	679	386	102	0	0	3291
2003-04	0	0	8	73	298	640	690	659	232	124	21	0	2745
2004-05	0	0	0	44	308	664	597	433	373	98	41	0	2558
2005-06	0	0	4	132	309	672	463	619	323	48	13	0	2583
2006-07	0	0	9	165	353	549	723	598	163	201	3	0	2764
2007-08	0	0	0	109	329	602	754	564	355	161	19	0	2893
2008-09	0	0	0	125	422	678	755	444	337	153	25	0	2939
2009-10	0	0	1	181	283	764	804	739	343	42	12	0	3169
2010-11	0	0	0	63	352	733	789	522	354	70	53	0	2936
2011-	0	0	5	119	302	589							

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**COOLING DEGREE DAYS (base 65°F) 2011 LITTLE ROCK (KLIT)**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
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
1999	0	2	0	85	168	406	582	571	280	74	11	1	2180
2000	0	7	10	21	237	353	556	676	334	128	9	0	2331
2001	0	0	0	138	209	366	574	533	254	35	6	0	2115
2002	10	0	7	108	147	396	518	508	361	61	8	0	2124
2003	0	0	0	69	221	300	527	566	241	90	22	0	2036
2004	10	0	26	55	247	382	471	393	319	126	6	0	2035
2005	9	1	9	34	206	459	535	620	416	120	27	0	2436
2006	0	0	36	151	250	418	600	607	253	83	8	0	2406
2007	0	2	69	46	277	464	477	695	365	139	18	0	2552
2008	8	5	16	34	203	450	577	484	265	60	0	0	2102
2009	2	3	24	68	178	491	441	443	272	16	2	0	1940
2010	0	0	6	84	312	604	658	674	378	90	3	0	2809
2011	0	1	19	108	204	583	686	617	223	67	31	0	2539

**SNOWFALL (inches) 2011 LITTLE ROCK (KLIT)**

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
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
1998-99	0.0	0.0	0.0										
1999-00													
2000-01													
2001-02													
2002-03													
2003-04													
2004-05													
2005-06													
2006-07													
2007-08						T	T	0.0	2.6	0.0	0.0	0.0	
2008-09	0.0	0.0	0.0	0.0	0.0	T	T	0.2	T	T	0.0	0.0	0.2
2009-10	0.0	0.0	0.0	0.0	0.0	T	1.5	7.2	0.0	0.0	0.0	0.0	8.7
2010-11	0.0	0.0	0.0	T	0.0	0.0	5.7	8.9	0.0	T	T	0.0	14.6
2011-	0.0	0.0	0.0	0.0	0.0	1.6							
POR= 115 YRS	0.0	0.0	0.0	T	0.1	0.7	1.7	1.4	0.4	T	T	T	4.3

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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 (1971 - 2000). 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. 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.</p>	<p>GENERAL CONTINUED: 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. 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 EIGHTS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER. STATION HISTORY STOPPED WITH THE 2009 ANNUAL. IF YOU NEED HISTORY GO TO "MULTI-NETWORK MEDADATA SYSTEM", URL IS: <a href="https://mi3.ncdc.noaa.gov/mi3qry/login.cfm">https://mi3.ncdc.noaa.gov/mi3qry/login.cfm</a> SNOWFALL STOPPED MONTH &amp; YEAR INDICATED ABOVE. NO FURTHER YEARS INCLUDED UNLESS RESTARTED.</p> <p><b>NOTE:</b> The "Period of Record:(POR) for all "averages" is based on the "Summary of the Day First Order Station" and "Cooperative Summary of the Day" archives.</p>
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# 2011 LITTLE ROCK ARKANSAS (KLIT)

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 History

LITTLE ROCK, AR

NAME	Begin Date	End Date	Latitude	Longitude	Elevation Feet	Relocation	Platform
LITTLE ROCK AP ADAMS FIELD	1946-08-01	1973-01-01	34° 43'	-92° 13'	276		AIRWAYS, COOP
LITTLE ROCK AP ADAMS FIELD	1976-01-01	1981-12-31	34° 43'	-92° 13'	257		AIRWAYS, COOP
LITTLE ROCK AP ADAMS FIELD	1930-07-01	1934-01-01	34° 43'	-92° 13'			AIRWAYS
LITTLE ROCK AP ADAMS FIELD	1940-01-01	1941-12-31	34° 43'	-92° 13'			AIRWAYS
LITTLE ROCK AP ADAMS FIELD	1998-10-28	2006-02-21	34° 43'	-92° 14'	258		AIRWAYS, ASOS, COOP
LITTLE ROCK AP ADAMS FIELD	1942-02-01	1944-12-31	34° 43'	-92° 13'			AIRWAYS
LITTLE ROCK AP ADAMS FIELD	1945-07-01	1945-07-31	34° 43'	-92° 13'			AIRWAYS
LITTLE ROCK AP ADAMS FIELD	2006-02-21	Present	34° 43'	-92° 14'	258		AIRWAYS, ASOS, COOP
LITTLE ROCK AP ADAMS FIELD	1934-01-01	1935-12-31	34° 43'	-92° 13'			AIRWAYS
LITTLE ROCK AP ADAMS FIELD	1937-02-01	1939-05-31	34° 43'	-92° 13'			AIRWAYS
LITTLE ROCK AP ADAMS FIELD	1973-01-01	1976-01-01	34° 43'	-92° 13'	276		COOP, WXSVC
LITTLE ROCK AP ADAMS FIELD	1981-12-31	1998-10-28	34° 43'	-92° 13'	257		COOP
LITTLE ROCK AP ADAMS FIELD	1946-01-01	1946-08-01	34° 43'	-92° 13'			AIRWAYS

# Element History

Element	Begin Date	End Date	Frequency	Time Of Observation	Equipment *	Equipment * Modifications	Equipment Exposure
PRECIP	1930-07-01	1935-12-31	DAILY	2400			
PRECIP	2006-02-21	2006-07-14	DAILY	2400	PCPN1		
PRECIP	1991-05-01	1991-05-02	DAILY	2400	SRG		
PRECIP	1998-10-28	2006-02-21	HOURLY	2400	TB	RCRD	
TEMP	1998-10-28	2006-02-21	DAILY	2400	HYGR		
TEMP	1937-02-01	1991-05-01	DAILY	2400			
PRECIP	1937-02-01	1991-05-01	DAILY	2400			
PRECIP	1991-05-02	1998-10-28	DAILY	2400	SRG		
PRECIP	2006-02-21	2006-07-14	HOURLY	2400	AWPAG	RCRD;HTD	
PRECIP	2006-07-14	Present	DAILY	2400	PCPN1		
TEMP	1991-05-02	1998-10-28	DAILY	2400	HYGR		
PRECIP	1998-10-28	2006-02-21	DAILY	2400	TB	RCRD	
PRECIP	2006-07-14	Present	DAILY	0700	PCPN1		
PRECIP	2006-07-14	Present	HOURLY	0700	AWPAG	RCRD;HTD	
TEMP	1930-07-01	1935-12-31	DAILY	2400			
PRECIP	2006-02-21	2006-07-14	DAILY	0700	PCPN1		
TEMP	2006-07-14	Present	DAILY	2400	TEMPX		
TEMP	1991-05-01	1991-05-02	DAILY	2400			
TEMP	2006-02-21	2006-07-14	DAILY	0700	HYGR		
PRECIP	2006-02-21	2006-07-14	HOURLY	0700	AWPAG	RCRD;HTD	
TEMP	2006-02-21	2006-07-14	DAILY	2400	HYGR		
PRECIP	2006-07-14	Present	HOURLY	2400	AWPAG	RCRD;HTD	
TEMP	2006-07-14	Present	DAILY	0700	TEMPX		

\* For explanation of codes and abbreviations see Station Metadata link below.

Other Station Information can be found at:

ASOS Implementation by NWS: <http://www.nws.noaa.gov/ops2/Surface/asosimplementation.htm>

Station Metadata website: <http://www.ncdc.noaa.gov/homr>

INQUIRES/COMMENTS CALL: (828) 271-4800, option 2

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TDD : (828) 271-4010

Email : [ncdc.info@noaa.gov](mailto:ncdc.info@noaa.gov)

NOAA/National Climatic Data Center

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151 Patton Avenue

Asheville, NC 28801-5001

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