

NORMALS, MEANS, AND EXTREMES

NASHVILLE, TN (BNA)

LATITUDE: 36° 07' 08" N LONGITUDE: 86° 41' 21" W ELEVATION (FT): GRND: 571 BARO: 574 TIME ZONE: CENTRAL (UTC + 6) WBAN: 13897

	ELEMENT	POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	45.6	51.4	60.7	69.8	77.5	85.1	88.7	87.8	81.5	71.1	59.0	49.4	69.0
	MEAN DAILY MAXIMUM	56	46.9	51.7	60.4	70.8	79.0	86.4	89.8	88.8	82.8	72.4	59.7	50.3	69.9
	HIGHEST DAILY MAXIMUM	64	78	84	86	91	97	106	107	104	105	94	84	79	107
	YEAR OF OCCURRENCE		1972	1962	1982	1989	1941	1952	1952	1954	1954	1953	2000	1982	JUL 1952
	MEAN OF EXTREME MAXS.	56	68.0	72.1	78.8	85.3	89.3	94.8	97.1	96.2	93.5	85.7	77.2	68.9	83.9
	NORMAL DAILY MINIMUM	30	27.9	31.2	39.4	47.1	56.7	65.0	69.5	68.0	61.0	48.6	39.5	31.5	48.8
	MEAN DAILY MINIMUM	56	28.4	31.4	38.7	47.9	57.1	65.1	69.5	67.8	61.0	48.6	38.8	31.5	48.8
	LOWEST DAILY MINIMUM	64	-17	-13	2	23	34	42	51	47	36	26	-1	-10	-17
	YEAR OF OCCURRENCE		1985	1951	1980	1982	1976	1966	1947	1946	1983	1987	1950	1989	JAN 1985
	MEAN OF EXTREME MINS.	56	7.6	11.6	21.9	31.3	42.2	53.0	60.1	58.2	45.7	32.5	21.1	12.8	33.2
	NORMAL DRY BULB	30	36.8	41.3	50.1	58.5	67.1	75.1	79.1	77.9	71.3	59.9	49.3	40.5	58.9
	MEAN DRY BULB	56	37.6	41.6	49.5	59.4	68.1	75.8	79.7	78.4	72.0	60.6	49.2	41.0	59.4
	MEAN WET BULB	19	34.4	38.5	44.3	52.6	61.4	68.7	72.1	70.9	64.4	54.5	43.3	37.6	53.6
	MEAN DEW POINT	19	28.6	31.9	36.7	45.7	56.8	64.8	68.4	67.2	59.9	49.1	37.8	32.2	48.3
NORMAL NO. DAYS WITH:	MAXIMUM ≥ 90°	30	0.0	0.0	0.0	0.1	1.0	8.8	17.1	13.1	5.7	0.1	0.0	0.0	45.9
	MAXIMUM ≤ 32°	30	4.5	2.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	2.2	9.3
	MINIMUM ≤ 32°	30	20.6	15.6	8.4	1.9	0.0	0.0	0.0	0.0	0.0	1.1	8.1	17.0	72.7
	MINIMUM ≤ 0°	30	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.9
H/C	NORMAL HEATING DEG. DAYS	30	859	664	462	217	56	2	0	0	24	189	460	744	3677
	NORMAL COOLING DEG. DAYS	30	0	0	9	37	136	321	453	416	229	46	5	0	1652
RH	NORMAL (PERCENT)	30	71	68	64	63	70	71	72	72	73	70	70	72	70
	HOUR 00 LST	30	76	74	71	72	82	84	84	84	84	81	77	76	79
	HOUR 06 LST	30	80	80	78	81	86	87	89	90	90	87	82	81	84
	HOUR 12 LST	30	64	59	54	51	56	56	57	56	57	53	59	64	57
	HOUR 18 LST	30	67	60	55	52	58	60	62	61	63	60	64	67	61
S	PERCENT POSSIBLE SUNSHINE	55	41	47	52	59	60	65	63	63	62	62	50	42	56
W/O	MEAN NO. DAYS WITH: HEAVY FOG (VISBY ≤ 1/4 MI)	63	2.4	1.4	1.0	0.6	1.0	0.9	1.1	1.5	1.9	2.1	1.6	1.8	17.3
	THUNDERSTORMS	63	1.2	1.7	4.0	5.1	7.2	8.2	9.2	7.4	3.5	1.6	1.6	1.0	51.7
CLOUDINESS	MEAN: SUNRISE-SUNSET (OKTAS)	56	5.7	5.4	5.3	4.9	4.8	4.5	4.4	4.2	4.2	3.9	4.8	5.3	4.8
	MIDNIGHT-MIDNIGHT (OKTAS)	32	5.3	5.1	5.0	4.6	4.6	4.1	4.0	3.8	4.0	3.6	4.7	5.0	4.5
	MEAN NO. DAYS WITH: CLEAR	55	6.3	6.9	7.5	8.3	8.0	8.0	8.1	9.9	10.5	12.8	8.8	7.1	102.2
	PARTLY CLOUDY	55	6.1	5.9	7.2	8.5	10.1	12.5	13.2	12.2	9.1	8.0	6.8	7.0	106.6
CLOUDY	55	18.5	15.5	16.3	13.2	13.0	9.5	9.7	8.9	10.4	10.2	14.4	17.0	156.6	
PR	MEAN STATION PRESSURE (IN)	30	29.50	29.46	29.39	29.37	29.35	29.36	29.40	29.41	29.43	29.47	29.48	29.50	29.43
	MEAN SEA-LEVEL PRES. (IN)	18	30.16	30.13	30.06	30.00	30.00	30.01	30.02	30.03	30.06	30.12	30.12	30.18	30.07
WINDS	MEAN SPEED (MPH)	51	8.9	9.1	9.7	9.0	7.4	6.9	6.5	6.0	6.3	6.7	8.3	8.8	7.8
	PREVAIL. DIR (TENS OF DEGS)	35	18	18	18	18	18	18	18	18	18	18	18	18	18
	MAXIMUM 2-MINUTE: SPEED (MPH)	7	38	36	39	40	33	38	38	43	28	35	36	32	43
	DIR. (TENS OF DEGS)		17	02	17	25	33	01	36	27	08	17	26	16	27
	YEAR OF OCCURRENCE		2000	1998	1999	1998	1998	1999	2000	2003	2000	2002	1997	2003	AUG 2003
	MAXIMUM 5-SECOND: SPEED (MPH)	7	61	47	48	59	47	47	47	59	35	45	45	41	61
DIR. (TENS OF DEGS)		26	19	16	23	32	01	25	33	03	17	25	23	26	
YEAR OF OCCURRENCE		1999	1997	1999	1998	2000	1999	2003	2003	2003	2002	1997	2001	JAN 1999	
PRECIPITATION	NORMAL (IN)	30	3.97	3.69	4.87	3.93	5.07	4.08	3.77	3.28	3.59	2.87	4.45	4.54	48.11
	MAXIMUM MONTHLY (IN)	64	13.92	10.31	12.35	8.41	11.04	11.95	7.75	8.31	11.44	6.13	9.04	13.63	13.92
	YEAR OF OCCURRENCE		1950	1956	1975	1984	1983	1998	1950	1942	1979	1959	1945	1978	JAN 1950
	MINIMUM MONTHLY (IN)	64	0.19	0.64	1.18	0.52	0.69	0.45	0.71	0.69	0.28	T	0.54	0.98	T
	YEAR OF OCCURRENCE		1986	1968	1987	1986	1941	1988	1954	1968	1956	1963	1949	1985	OCT 1963
	MAXIMUM IN 24 HOURS (IN)	64	4.40	4.73	4.66	3.29	4.63	5.24	4.32	5.34	6.68	3.75	4.20	5.12	6.68
	YEAR OF OCCURRENCE		1946	1989	1975	1979	2003	1998	1992	1963	1979	1975	1997	1978	SEP 1979
NORMAL NO. DAYS WITH: PRECIPITATION ≥ 0.01	30	11.1	10.1	12.1	10.7	11.3	9.7	10.0	8.4	8.3	7.4	10.1	11.0	120.2	
PRECIPITATION ≥ 1.00	30	0.9	0.7	1.0	1.2	1.5	1.1	1.1	1.0	0.9	0.8	1.2	1.5	12.9	
SNOWFALL	NORMAL (IN)	30	3.9	3.4	1.1	0.1	0.0	0.0	0.0	0.0	0.*	0.1	0.5	9.1	
	MAXIMUM MONTHLY (IN)	58	18.8	18.9	16.1	1.1	0.0	T	0.0	T	0.0	0.4	9.2	13.2	18.9
	YEAR OF OCCURRENCE		1948	1979	1960	1971		1994		1989		1993	1950	1963	FEB 1979
	MAXIMUM IN 24 HOURS (IN)	58	8.1	8.3	8.8	1.1	0.0	T	0.0	T	0.0	0.4	9.2	10.2	10.2
	YEAR OF OCCURRENCE		1988	1979	1951	1971		1994		1989		1993	1950	1963	DEC 1963
	MAXIMUM SNOW DEPTH (IN)	49	70	8	7	0	0	0	0	0	0	0	5	7	70
YEAR OF OCCURRENCE		1948	1979	1968								1966	1963	JAN 1948	
NORMAL NO. DAYS WITH: SNOWFALL ≥ 1.0	30	1.0	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.8	