

# NORMALS, MEANS, AND EXTREMES

## MERIDIAN, MS (MEI)

LATITUDE: 32° 19' 59" N      LONGITUDE: 88° 45' 04" W      ELEVATION (FT): GRND: 289      BARO: 292      TIME ZONE: CENTRAL (UTC + 6)      WBAN: 13865

ELEMENT		POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	57.5	62.6	70.3	77.1	83.9	90.1	92.9	92.9	88.0	78.3	68.5	60.5	76.9
	MEAN DAILY MAXIMUM	56	57.2	62.0	69.1	77.2	84.2	90.1	92.5	92.1	86.9	78.0	67.9	59.8	76.4
	HIGHEST DAILY MAXIMUM	58	83	85	90	95	99	104	107	106	105	97	87	84	107
	YEAR OF OCCURRENCE		1950	1982	1974	1987	1951	1988	1980	2000	1990	1954	1946	1998	JUL 1980
	MEAN OF EXTREME MAXS.	56	74.6	78.4	83.5	87.7	92.4	96.6	98.4	97.5	95.1	88.8	81.9	76.2	87.6
	NORMAL DAILY MINIMUM	30	34.7	37.7	44.3	50.4	59.5	66.8	70.5	69.8	64.2	51.3	42.8	37.2	52.4
	MEAN DAILY MINIMUM	56	34.5	37.6	43.6	51.3	59.7	66.7	70.2	69.4	64.0	51.0	41.7	36.6	52.2
	LOWEST DAILY MINIMUM	58	0	8	15	28	38	42	55	53	34	24	16	2	0
	YEAR OF OCCURRENCE		1962	1996	1980	1987	1971	1984	1967	1952	1967	1952	1976	1989	JAN 1962
	MEAN OF EXTREME MINS.	56	16.7	20.4	26.8	34.7	44.8	55.3	63.7	61.5	49.3	34.0	25.4	19.4	37.7
	NORMAL DRY BULB	30	46.1	50.2	57.3	63.8	71.7	78.5	81.7	81.4	76.1	64.8	55.7	48.9	64.7
	MEAN DRY BULB	56	45.9	49.8	56.4	64.2	71.9	78.5	81.3	80.8	75.7	64.5	54.9	48.2	64.3
	MEAN WET BULB	18	41.3	45.7	50.9	57.7	65.4	71.1	74.0	73.3	68.4	58.8	50.7	41.4	58.2
	MEAN DEW POINT	18	36.2	40.3	45.2	53.0	61.4	68.0	71.4	70.4	65.0	55.0	46.3	37.1	54.1
	NORMAL NO. DAYS WITH:														
MAXIMUM ≥ 90°	30	0.0	0.0	*	0.3	4.2	16.4	24.4	24.2	12.9	1.0	0.0	0.0	83.4	
MAXIMUM ≤ 32°	30	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.8	
MINIMUM ≤ 32°	30	15.1	10.0	4.1	0.5	0.0	0.0	0.0	0.0	0.0	0.4	6.1	12.8	49.0	
MINIMUM ≤ 0°	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
H/C	NORMAL HEATING DEG. DAYS	30	598	434	274	111	14	0	0	0	6	106	303	506	2352
	NORMAL COOLING DEG. DAYS	30	4	6	26	70	213	400	509	495	331	91	20	8	2173
RH	NORMAL (PERCENT)	30	74	72	70	72	74	75	77	76	75	75	75	75	74
	HOUR 00 LST	30	83	82	82	87	89	90	91	91	89	89	87	83	87
	HOUR 06 LST	30	86	86	88	91	92	91	93	93	92	91	89	86	90
	HOUR 12 LST	30	61	56	53	51	55	56	58	55	55	51	55	59	55
	HOUR 18 LST	30	69	60	56	55	60	62	67	65	68	73	73	71	65
S	PERCENT POSSIBLE SUNSHINE														
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG (VISBY ≤ 1/4 MI)	58	3.0	2.5	2.3	2.6	2.2	1.6	2.0	2.0	1.9	2.8	3.5	3.0	29.4
	THUNDERSTORMS	58	1.9	2.7	4.9	5.4	6.2	7.5	11.3	8.2	3.7	1.7	2.3	1.9	57.7
CLOUDINESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)	50	5.4	5.1	5.0	4.6	4.6	4.5	4.8	4.2	4.3	3.6	4.4	4.9	4.6
	MIDNIGHT-MIDNIGHT (OKTAS)	31	4.9	4.7	4.7	4.2	4.3	4.0	4.3	3.9	3.9	3.4	4.1	4.7	4.3
	MEAN NO. DAYS WITH:														
	CLEAR	50	7.4	7.4	8.3	9.2	8.5	8.0	5.7	9.5	10.5	14.2	10.2	8.7	107.6
PARTLY CLOUDY	50	6.5	6.3	7.4	8.1	10.6	12.8	15.3	13.0	9.1	7.2	7.1	6.7	110.1	
CLOUDY	50	17.1	14.5	15.4	12.7	11.9	9.2	10.0	8.6	10.8	9.7	12.7	15.6	148.2	
PR	MEAN STATION PRESSURE (IN)	29	29.83	29.78	29.71	29.70	29.66	29.68	29.71	29.71	29.71	29.77	29.80	29.83	29.74
	MEAN SEA-LEVEL PRES. (IN)	17	30.16	30.12	30.05	30.03	30.00	30.01	30.04	30.02	30.03	30.10	30.12	30.17	30.07
WINDS	MEAN SPEED (MPH)	37	7.1	7.6	7.8	7.2	6.0	5.2	5.0	4.7	5.4	5.4	6.4	7.1	6.2
	PREVAIL. DIR (TENS OF DEGS)	29	36	18	18	18	18	20	20	20	36	36	36	18	18
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	8	41	33	39	48	31	36	51	38	31	30	37	37	51
	DIR. (TENS OF DEGS)		33	18	18	19	22	31	04	34	02	20	19	08	04
	YEAR OF OCCURRENCE		2002	1998	1996	1996	1998	1998	2002	2000	1998	2001	2001	2002	JUL 2002
	MAXIMUM 5-SECOND:														
	SPEED (MPH)	8	58	43	52	57	45	52	67	52	40	40	47	48	67
DIR. (TENS OF DEGS)		32	09	25	18	33	03	04	09	06	13	23	08	04	
YEAR OF OCCURRENCE		2002	1998	2000	1996	2003	1997	2002	1998	1998	2002	2003	2002	JUL 2002	
PRECIPITATION	NORMAL (IN)	30	5.92	5.35	6.93	5.62	4.87	3.99	5.45	3.34	3.64	3.28	4.95	5.31	58.65
	MAXIMUM MONTHLY (IN)	58	13.19	15.95	16.47	16.82	9.79	10.94	15.29	10.28	10.78	10.65	13.93	14.79	16.82
	YEAR OF OCCURRENCE		1998	1990	1976	1964	1980	2003	1959	1992	2002	1970	1948	1973	APR 1964
	MINIMUM MONTHLY (IN)	58	1.21	1.46	1.27	0.91	0.27	0.71	1.06	0.72	0.10	0.00	0.38	1.10	0.00
	YEAR OF OCCURRENCE		1986	2000	1955	1987	1951	1968	2000	1989	1982	1963	1956	1980	OCT 1963
	MAXIMUM IN 24 HOURS (IN)	58	5.74	9.23	7.00	6.36	5.84	3.12	6.95	5.29	5.21	6.04	4.93	8.13	9.23
	YEAR OF OCCURRENCE		1987	1990	1979	1964	1952	1992	1959	1992	1988	1970	2001	1973	FEB 1990
	NORMAL NO. DAYS WITH:														
PRECIPITATION ≥ 0.01	30	11.1	9.0	10.1	8.9	9.1	9.3	11.3	8.6	7.8	6.2	8.4	10.0	109.8	
PRECIPITATION ≥ 1.00	30	1.7	1.8	2.4	2.1	1.8	1.0	1.6	0.9	1.0	1.1	1.8	1.7	18.9	
SNOWFALL	NORMAL (IN)	30	0.4	0.*	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.*	0.*	0.7
	MAXIMUM MONTHLY (IN)	51	5.8	3.1	5.7	2.7	T	0.0	T	0.0	0.0	0.0	T	17.6	17.6
	YEAR OF OCCURRENCE		1948	1960	1993	1987	1991		1989				1976	1963	DEC 1963
	MAXIMUM IN 24 HOURS (IN)	51	4.7	3.1	5.7	2.7	T	0.0	T	0.0	0.0	0.0	T	15.0	15.0
	YEAR OF OCCURRENCE		1948	1960	1993	1987	1991		1989				1976	1963	DEC 1963
	MAXIMUM SNOW DEPTH (IN)	48	15	10	6	1	0	0	0	0	0	0	0	4	15
	YEAR OF OCCURRENCE		1964	1963	1993	1987								1963	JAN 1964
	NORMAL NO. DAYS WITH:														
SNOWFALL ≥ 1.0	30	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	