

PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6)

STATION: MANSFIELD  
 MONTH: DECEMBER  
 YEAR: 2004  
 LATITUDE: 40 49 N  
 LONGITUDE: 82 31 W

TEMPERATURE IN F:					:PCPN:		SNOW:		WIND			:SUNSHINE:			SKY		:PK WND	
1	2	3	4	5	6A	6B	7	8	9	10	11	12	13	14	15	16	17	18
DY	MAX	MIN	AVG	DEP	HDD	CDD	WTR	SNW	DPTH	SPD	SPD	DIR	MIN	PSBL	S-S	WX	SPD	DR
1	50	32	41	6	24	0	0.14	0.1	0	17.3	33	240	M	M	5	1	45	240
2	41	29	35	1	30	0	T	0.0	0	8.1	18	250	M	M	6	18	24	250
3	34	23	29	-5	36	0	0.00	0.0	0	8.7	18	250	M	M	5	18	22	270
4	45	23	34	1	31	0	0.00	0.0	0	14.7	28	210	M	M	0	8	37	200
5	45	29	37	4	28	0	0.00	0.0	0	7.6	13	120	M	M	1	18	16	120
6	49	37	43	10	22	0	0.06	0.0	0	8.2	15	120	M	M	9	12	18	120
7	62	43	53	21	12	0	0.29	0.0	0	18.2	44	240	M	M	M		54	250
8	43	32	38	6	27	0	0.01	0.0	0	7.5	21	260	M	M	7	1	29	260
9	44	33	39	7	26	0	0.17	0.0	0	9.4	18	130	M	M	4	1	23	120
10	46	35	41	10	24	0	0.02	0.0	0	6.8	15	330	M	M	10	12	18	320
11	35	30	33	2	32	0	0.07	0.7	T	11.3	17	320	M	M	10	1	22	320
12	40	30	35	4	30	0	T	0.1	0	16.7	26	270	M	M	10	1	35	270
13	36	22	29	-1	36	0	0.23	2.3	T	15.9	25	250	M	M	10	18	36	260
14	23	16	20	-10	45	0	0.03	0.7	3	10.2	21	320	M	M	9	1	25	330
15	28	13	21	-9	44	0	T	T	2	11.5	20	200	M	M	3	1	24	210
16	36	24	30	1	35	0	T	T	2	16.5	25	250	M	M	4		32	250
17	33	19	26	-3	39	0	0.00	0.0	1	5.8	17	340	M	M	4		21	330
18	39	22	31	2	34	0	0.01	T	T	12.0	23	190	M	M	7	18	26	210
19	33	-2	16	-12	49	0	0.06	1.2	2	10.3	24	360	M	M	8	1	30	330
20	14	-4	5	-23	60	0	0.00	0.0	2	2.7	17	140	M	M	2		25	140
21	40	14	27	-1	38	0	0.00	0.0	2	10.4	21	220	M	M	2	1	35	230
22	34	20	27	-1	38	0	1.00	15.2	T	6.7	14	20	M	M	10	12	17	30
23	30	11	21	-6	44	0	0.79	7.8	15	11.6	25	30	M	M	8	126	29	40
24	11	-8	2	-25	63	0	0.00	0.0	12	6.7	12	240	M	M	2	1	14	250
25	17	-15	1	-26	64	0	0.00	0.0	12	5.9	10	160	M	M	7	18	13	160
26	20	14	17	-10	48	0	0.03	0.6	12	7.7	16	320	M	M	10	18	18	330
27	18	6	12	-14	53	0	0.00	0.0	12	3.8	12	330	M	M	5	12	13	340
28	38	16	27	1	38	0	0.00	0.0	12	15.8	24	220	M	M	6		32	240
29	40	35	38	12	27	0	0.00	0.0	10	9.5	21	230	M	M	8	18	26	240
30	46	36	41	15	24	0	T	0.0	6	10.9	23	180	M	M	10	12	29	180
31	51	46	49	23	16	0	0.10	0.0	3	21.1	32	200	M	M	10	1	39	210
SM	1121	661			1117	0	3.01		28.7	329.5			M		192			
AV	36.2	21.3							10.6	FASTST			PSBL	%	6		MAX(MPH)	

## =====

NOTES:

# LAST OF SEVERAL OCCURRENCES

COLUMN 17 PEAK WIND IN M.P.H.

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## [TEMPERATURE DATA]

AVERAGE MONTHLY: 28.7  
 DPTR FM NORMAL: -0.9  
 HIGHEST: 62 ON 7  
 LOWEST: -15 ON 25

## [PRECIPITATION DATA]

TOTAL FOR MONTH: 3.01  
 DPTR FM NORMAL: -0.25  
 GRTST 24HR 1.50 ON 22-23  
 SNOW, ICE PELLETS, HAIL  
 TOTAL MONTH: 28.7 INCHES  
 GRTST 24HR 15.2 ON 22-22  
 GRTST DEPTH: 15 ON 23

## SYMBOLS USED IN COLUMN 16

1 = FOG  
 2 = FOG REDUCING VISIBILITY  
 TO 1/4 MILE OR LESS  
 3 = THUNDER  
 4 = ICE PELLETS  
 5 = HAIL  
 6 = GLAZE OR RIME  
 7 = BLOWING DUST OR SAND:  
 VSBY 1/2 MILE OR LESS  
 8 = SMOKE OR HAZE  
 9 = BLOWING SNOW  
 X = TORNADO

## [NO. OF DAYS WITH]

MAX 32 OR BELOW: 8  
 MAX 90 OR ABOVE: 0  
 MIN 32 OR BELOW: 24  
 MIN 0 OR BELOW: 4

## [WEATHER - DAYS WITH]

0.01 INCH OR MORE: 15  
 0.10 INCH OR MORE: 7  
 0.50 INCH OR MORE: 2  
 1.00 INCH OR MORE: 1

## [HDD (BASE 65) ]

TOTAL THIS MO. 1117  
 DPTR FM NORMAL 26  
 SEASONAL TOTAL 2306  
 DPTR FM NORMAL -13

CLEAR (SCALE 0-3) 6  
 PTCLDY (SCALE 4-7) 11  
 CLOUDY (SCALE 8-10) 13

## [CDD (BASE 65) ]

TOTAL THIS MO. 0  
 DPTR FM NORMAL 0  
 SEASONAL TOTAL 528  
 DPTR FM NORMAL -144

## [PRESSURE DATA]

HIGHEST SLP M ON M  
 LOWEST SLP 29.34 ON 1

## [REMARKS]