

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

STATION: MANSFIELD
 MONTH: JANUARY
 YEAR: 2005
 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
										AVG MX		2MIN						
1	50	34	42	17	23	0	T	0.0	0	7.8	16	230	M	M	7	1	21	230
2	58	41	50	25	15	0	0.18	0.0	0	12.5	23	200	M	M	9	1	28	200
3	55	37	46	21	19	0	1.11	0.0	0	7.0	14	10	M	M	10	12	16	10
4	37	35	36	11	29	0	0.05	0.0	0	7.8	16	20	M	M	10	12	21	20
5	35	30	33	8	32	0	1.03	T	0	7.1	18	30	M	M	10	16	24	50
6	36	27	32	7	33	0	0.61	0.0	0	12.3	23	260	M	M	10	126	35	260
7	32	21	27	3	38	0	0.00	0.0	0	4.8	10	200	M	M	6	1	10	200
8	32	28	30	6	35	0	0.56	1.3	1	4.2	13	320	M	M	10	16	15	320
9	43	29	36	12	29	0	0.00	0.0	1	9.8	21	240	M	M	7	1	28	230
10	41	32	37	13	28	0	0.00	0.0	0	8.3	20	270	M	M	9	1	26	290
11	39	32	36	12	29	0	0.51	0.0	0	7.8	14	100	M	M	10	12	16	100
12	61	38	50	26	15	0	0.60	0.0	0	14.2	24	220	M	M	8	13	32	220
13	65	32	49	25	16	0	0.75	0.5	0	20.7	37	200	M	M	6	1	45	200
14	32	17	25	1	40	0	0.00	0.0	1	10.1	20	330	M	M	7	1	23	330
15	25	15	20	-4	45	0	0.00	0.0	0	4.0	9	330	M	M	4		12	340
16	19	5	12	-12	53	0	0.10	2.4	2	10.7	20	350	M	M	9	1	23	340
17	11	1	6	-18	59	0	T	0.4	2	9.1	17	320	M	M	7	189	22	260
18	14	-6	4	-20	61	0	0.00	0.0	2	10.1	25	180	M	M	2		31	180
19	30	14	22	-2	43	0	0.14	2.6	4	16.1	29	210	M	M	10	168	39	210
20	25	15	20	-4	45	0	0.01	0.3	4	7.4	15	60	M	M	10	18	18	360
21	15	6	11	-13	54	0	0.00	0.0	4	8.4	16	130	M	M	3		18	140
22	22	6	14	-10	51	0	0.20	5.9	4	15.7	24	350	M	M	10	12	31	340
23	11	-5	3	-21	62	0	T	T	8	13.0	24	340	M	M	6	129	30	350
24	26	-5	11	-13	54	0	T	T	8	12.7	22	240	M	M	7	1	28	230
25	41	25	33	9	32	0	0.00	0.0	4	10.7	22	230	M	M	8	1	29	230
26	40	9	25	1	40	0	T	T	3	13.3	22	20	M	M	8	18	26	240
27	15	-1	7	-17	58	0	T	T	3	7.3	13	10	M	M	3	18	16	30
28	24	1	13	-12	52	0	0.00	0.0	3	10.3	15	130	M	M	0		16	150
29	32	20	26	1	39	0	0.23	2.3	3	8.4	16	180	M	M	7	1	18	170
30	29	13	21	-4	44	0	T	T	10	7.0	13	40	M	M	6	128	16	60
31	30	12	21	-4	44	0	0.00	0.0	5	3.3	8	340	M	M	4	128	9	10
SM	1025	558			1217	0	6.08		15.7	301.9			M		223			
AV	33.1	18.0								9.7	FASTST		PSBL	%	7		MAX(MPH)	

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NOTES:

LAST OF SEVERAL OCCURRENCES

COLUMN 17 PEAK WIND IN M.P.H.



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[TEMPERATURE DATA]

AVERAGE MONTHLY: 25.5
 DPTR FM NORMAL: 1.2
 HIGHEST: 65 ON 13
 LOWEST: -6 ON 18

[PRECIPITATION DATA]

TOTAL FOR MONTH: 6.08
 DPTR FM NORMAL: 3.45
 GRTST 24HR 1.11 ON 3- 3
 SNOW, ICE PELLETS, HAIL
 TOTAL MONTH: 15.7 INCHES
 GRTST 24HR 5.9 ON 22-22
 GRTST DEPTH: 10 ON 30

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: 18
 MAX 90 OR ABOVE: 0
 MIN 32 OR BELOW: 26
 MIN 0 OR BELOW: 4

[WEATHER - DAYS WITH]

0.01 INCH OR MORE: 14
 0.10 INCH OR MORE: 12
 0.50 INCH OR MORE: 7
 1.00 INCH OR MORE: 2

[HDD (BASE 65)]

TOTAL THIS MO. 1217
 DPTR FM NORMAL -39
 SEASONAL TOTAL 3523
 DPTR FM NORMAL -52

CLEAR (SCALE 0-3) 4
 PTCLDY (SCALE 4-7) 12
 CLOUDY (SCALE 8-10) 15

[CDD (BASE 65)]

TOTAL THIS MO. 0
 DPTR FM NORMAL 0
 SEASONAL TOTAL 0
 DPTR FM NORMAL 0

[PRESSURE DATA]

HIGHEST SLP M ON M
 LOWEST SLP 29.47 ON 13

[REMARKS]