

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

STATION: MANSFIELD

MONTH: MAY

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
										AVG MX 2MIN								
DY	MAX	MIN	AVG	DEP	HDD	CDD	WTR	SNW	DPTH	SPD	SPD	DIR	MIN	PSBL	S-S	WX	SPD	DR
1	53	34	44	-9	21	0	T	0.0	0	11.2	24	250	M	M	5	18	31	250
2	48	37	43	-10	22	0	T	0.0	0	10.1	24	240	M	M	8		31	250
3	46	35	41	-12	24	0	T	0.0	0	6.6	15	290	M	M	9	18	18	290
4	52	27	40	-13	25	0	0.00	0.0	0	4.1	13	80	M	M	1	18	15	30
5	63	36	50	-4	15	0	0.00	0.0	0	5.1	13	10	M	M	3		16	20
6	66	35	51	-3	14	0	0.00	0.0	0	4.3	14	280	M	M	0		16	280
7	70	52	61	6	4	0	T	0.0	0	9.2	17	360	M	M	2		25	350
8	72	41	57	2	8	0	0.00	0.0	0	3.2	8	170	M	M	0		8	170
9	79	54	67	12	0	2	0.00	0.0	0	6.8	10	170	M	M	1		10	170
10	79	59	69	13	0	4	T	0.0	0	10.7	17	220	M	M	5	8	23	250
11	81	48	65	9	0	0	0.32	0.0	0	9.2	22	340	M	M	3	138	46	340
12	52	40	46	-10	19	0	0.00	0.0	0	11.6	18	40	M	M	5		25	40
13	81	40	61	4	4	0	0.38	0.0	0	11.0	37	240	M	M	1	138	52	240
14	67	49	58	1	7	0	0.21	0.0	0	10.5	26	210	M	M	6	1	30	210
15	55	43	49	-8	16	0	T	0.0	0	9.2	16	270	M	M	7		22	280
16	52	40	46	-12	19	0	0.00	0.0	0	5.1	13	330	M	M	8		16	330
17	65	38	52	-6	13	0	0.00	0.0	0	4.6	14	40	M	M	1	18	16	40
18	68	45	57	-1	8	0	0.00	0.0	0	8.2	18	130	M	M	3		23	130
19	64	53	59	0	6	0	0.19	0.0	0	10.6	21	130	M	M	6	1	24	130
20	66	49	58	-2	7	0	0.13	0.0	0	10.3	21	80	M	M	7	1	23	60
21	73	41	57	-4	8	0	0.00	0.0	0	5.2	16	10	M	M	1		17	10
22	71	48	60	-1	5	0	0.11	0.0	0	7.6	16	280	M	M	4	1	25	300
23	66	46	56	-5	9	0	0.34	0.0	0	9.1	24	270	M	M	7	1238	31	270
24	56	43	50	-11	15	0	0.02	0.0	0	10.7	18	10	M	M	7	1	23	20
25	66	39	53	-9	12	0	0.00	0.0	0	8.1	18	10	M	M	4	12	25	20
26	74	48	61	-1	4	0	0.00	0.0	0	6.9	13	290	M	M	3		17	300
27	74	48	61	-1	4	0	T	0.0	0	9.5	29	210	M	M	3	18	35	220
28	67	51	59	-4	6	0	0.17	0.0	0	7.9	26	310	M	M	6	138	35	300
29	69	48	59	-4	6	0	T	0.0	0	5.9	15	320	M	M	5	1	18	310
30	69	49	59	-4	6	0	0.20	0.0	0	3.8	17	220	M	M	6	123	22	220
31	76	44	60	-3	5	0	0.00	0.0	0	3.4	10	70	M	M	2	1	13	90
=====																		
SM	2040	1360			312	6	2.07		0.0	239.7			M		129			
=====																		
AV	65.8	43.9								7.7	FASTST		PSBL	%	4		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]

[PRECIPITATION DATA]

SYMBOLS USED IN COLUMN 16

AVERAGE MONTHLY: 54.8 TOTAL FOR MONTH: 2.07
 DPTR FM NORMAL: -3.2 DPTR FM NORMAL: -2.35
 HIGHEST: 81 ON 13,11 GRTST 24HR 0.59 ON 13-14
 LOWEST: 27 ON 4

SNOW, ICE PELLETS, HAIL
 TOTAL MONTH: 0.0 INCH
 GRTST 24HR 0.0
 GRTST DEPTH: 0

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]

[WEATHER - DAYS WITH]

MAX 32 OR BELOW: 0 0.01 INCH OR MORE: 10
 MAX 90 OR ABOVE: 0 0.10 INCH OR MORE: 9
 MIN 32 OR BELOW: 1 0.50 INCH OR MORE: 0
 MIN 0 OR BELOW: 0 1.00 INCH OR MORE: 0

[HDD (BASE 65)]

TOTAL THIS MO. 312 CLEAR (SCALE 0-3) 14
 DPTR FM NORMAL 83 PTCLDY (SCALE 4-7) 14
 SEASONAL TOTAL 6281 CLOUDY (SCALE 8-10) 3
 DPTR FM NORMAL 66

[CDD (BASE 65)]

TOTAL THIS MO. 6
 DPTR FM NORMAL -33 [PRESSURE DATA]
 SEASONAL TOTAL 10 HIGHEST SLP 30.44 ON 5
 DPTR FM NORMAL -37 LOWEST SLP 29.55 ON 23

[REMARKS]