

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

STATION: MANSFIELD

MONTH: JULY

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
										AVG MX 2MIN								
DY	MAX	MIN	AVG	DEP	HDD	CDD	WTR	SNW	DPTH	SPD	SPD	DIR	MIN	PSBL	S-S	WX	SPD	DR
1	83	56	70	0	0	5	0.00	0.0	0	4.8	12	240	M	M	2	18	14	240
2	85	61	73	3	0	8	0.00	0.0	0	5.1	15	30	M	M	1	128	18	30
3	85	61	73	3	0	8	T	0.0	0	7.7	15	130	M	M	1	8	17	170
4	83	69	76	6	0	11	0.50	0.0	0	13.3	23	220	M	M	5	18	29	220
5	84	63	74	4	0	9	0.00	0.0	0	8.8	20	340	M	M	2	1	25	320
6	86	62	74	4	0	9	0.00	0.0	0	9.9	17	220	M	M	2	18	22	220
7	79	64	72	1	0	7	0.44	0.0	0	9.5	23	260	M	M	5	18	30	260
8	75	54	65	-6	0	0	0.00	0.0	0	8.1	20	240	M	M	6		24	250
9	80	51	66	-5	0	1	0.00	0.0	0	3.6	12	50	M	M	0		15	30
10	84	63	74	3	0	9	0.00	0.0	0	4.8	14	350	M	M	2	18	17	350
11	83	64	74	3	0	9	0.08	0.0	0	5.5	16	180	M	M	5	18	18	180
12	84	69	77	6	0	12	0.24	0.0	0	7.4	17	250	M	M	7	18	22	250
13	84	69	77	6	0	12	0.00	0.0	0	6.4	12	210	M	M	4	128	14	210
14	77	63	70	-1	0	5	0.36	0.0	0	11.0	23	330	M	M	7	1	28	290
15	78	64	71	0	0	6	0.00	0.0	0	9.4	18	310	M	M	3		22	310
16	81	57	69	-2	0	4	0.00	0.0	0	6.3	14	320	M	M	2	8	20	320
17	70	62	66	-5	0	1	1.39	0.0	0	4.2	13	170	M	M	9	1238	16	190
18	75	60	68	-3	0	3	0.00	0.0	0	7.2	16	20	M	M	5	18	20	20
19	79	58	69	-2	0	4	0.01	0.0	0	5.9	13	340	M	M	4	128	16	320
20	81	59	70	-1	0	5	0.02	0.0	0	5.7	12	220	M	M	3	18	14	230
21	85	64	75	4	0	10	0.00	0.0	0	9.2	17	210	M	M	1	18	23	230
22	84	68	76	5	0	11	0.16	0.0	0	6.5	25	340	M	M	6	18	31	320
23	74	54	64	-7	1	0	0.02	0.0	0	9.5	16	10	M	M	6	1	20	360
24	73	50	62	-9	3	0	0.00	0.0	0	8.5	18	70	M	M	1		24	70
25	68	56	62	-10	3	0	0.01	0.0	0	7.4	14	40	M	M	2		16	50
26	73	57	65	-7	0	0	0.51	0.0	0	8.3	16	10	M	M	10	18	20	20
27	66	58	62	-10	3	0	0.02	0.0	0	6.8	13	320	M	M	10	12	15	310
28	75	56	66	-6	0	1	0.00	0.0	0	4.9	13	340	M	M	7	1	15	330
29	76	54	65	-7	0	0	0.00	0.0	0	5.2	14	170	M	M	1	18	17	150
30	83	63	73	1	0	8	0.14	0.0	0	7.3	16	180	M	M	5	18	20	190
31	81	66	74	2	0	9	0.58	0.0	0	9.8	37	220	M	M	8	1	49	220
=====																		
SM	2454	1875			10	167	4.48		0.0	228.0			M		132			
=====																		
AV	79.2	60.5								7.4	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: 69.8
 DPTR FM NORMAL: -1.2
 HIGHEST: 86 ON 6
 LOWEST: 50 ON 24

TOTAL FOR MONTH: 4.48
 DPTR FM NORMAL: 0.26
 GRTST 24HR 1.39 ON 17-17
 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: 15
 MAX 90 OR ABOVE: 0 0.10 INCH OR MORE: 9
 MIN 32 OR BELOW: 0 0.50 INCH OR MORE: 4
 MIN 0 OR BELOW: 0 1.00 INCH OR MORE: 1

[HDD (BASE 65)]

TOTAL THIS MO. 10 CLEAR (SCALE 0-3) 14
 DPTR FM NORMAL 10 PTCLDY (SCALE 4-7) 13
 SEASONAL TOTAL 10 CLOUDY (SCALE 8-10) 4
 DPTR FM NORMAL 10

[CDD (BASE 65)]

TOTAL THIS MO. 167
 DPTR FM NORMAL -61
 SEASONAL TOTAL 347
 DPTR FM NORMAL -64

[PRESSURE DATA]

HIGHEST SLP M ON M
 LOWEST SLP M ON M

[REMARKS]