

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

STATION: MANSFIELD

MONTH: MAY

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	72	44	58	5	7	0	0.70	0.0	0	11.6	22	200	M	M	8	138	26	210
2	43	34	39	-14	26	0	1.18	0.0	0	11.2	22	330	M	M	9	1	26	360
3	48	32	40	-13	25	0	0.00	0.0	0	6.4	15	330	M	M	5	1	20	340
4	59	30	45	-8	20	0	T	0.0	0	11.1	23	200	M	M	4		29	220
5	64	45	55	1	10	0	0.00	0.0	0	10.0	18	230	M	M	4	18	23	290
6	83	44	64	10	1	0	0.00	0.0	0	13.0	24	220	M	M	0		28	230
7	72	44	58	3	7	0	0.34	0.0	0	10.9	24	240	M	M	4	13	29	250
8	80	42	61	6	4	0	0.00	0.0	0	12.1	20	220	M	M	1		25	220
9	84	54	69	14	0	4	0.00	0.0	0	10.6	22	210	M	M	2	18	26	210
10	85	58	72	16	0	7	T	0.0	0	9.9	20	230	M	M	2		24	220
11	82	60	71	15	0	6	T	0.0	0	5.2	16	200	M	M	3	18	20	200
12	83	61	72	16	0	7	0.00	0.0	0	9.1	18	200	M	M	0	18	22	230
13	83	64	74	17	0	9	0.05	0.0	0	9.3	21	240	M	M	2	138	24	240
14	79	65	72	15	0	7	0.18	0.0	0	14.7	26	210	M	M	7	18	33	210
15	65	47	56	-1	9	0	0.59	0.0	0	7.4	16	290	M	M	10	12	20	310
16	64	46	55	-3	10	0	0.01	0.0	0	4.7	9	100	M	M	7	1	10	110
17	81	51	66	8	0	1	0.47	0.0	0	11.2	32	200	M	M	3	138	39	200
18	78	62	70	12	0	5	0.28	0.0	0	9.6	18	270	M	M	5	138	24	230
19	70	52	61	2	4	0	0.08	0.0	0	5.5	14	20	M	M	7	18	18	20
20	81	61	71	11	0	6	0.04	0.0	0	11.1	23	240	M	M	6	18	28	220
21	81	59	70	9	0	5	1.62	0.0	0	8.9	46	330	M	M	5	1238	60	320
22	83	63	73	12	0	8	0.02	0.0	0	14.2	23	240	M	M	2	18	32	250
23	83	69	76	15	0	11	T	0.0	0	14.1	30	230	M	M	3	18	38	210
24	75	52	64	3	1	0	0.04	0.0	0	13.5	30	210	M	M	4		39	220
25	80	49	65	3	0	0	0.01	0.0	0	10.6	28	250	M	M	2	18	35	250
26	74	54	64	2	1	0	0.00	0.0	0	5.8	16	250	M	M	5	18	21	240
27	76	52	64	2	1	0	T	0.0	0	9.3	22	220	M	M	3	18	26	220
28	64	44	54	-9	11	0	0.02	0.0	0	8.1	15	340	M	M	7	18	18	10
29	67	41	54	-9	11	0	T	0.0	0	5.0	14	130	M	M	1		17	100
30	76	52	64	1	1	0	0.87	0.0	0	12.0	26	290	M	M	3	138	32	310
31	75	59	67	4	0	2	0.47	0.0	0	13.8	23	250	M	M	7	1	29	230
=====																		
SM	2290	1590			149	78	6.97		0.0	309.9			M		131			
=====																		
AV	73.9	51.3								10.0	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: 62.6
 DPTR FM NORMAL: 4.6
 HIGHEST: 85 ON 10
 LOWEST: 30 ON 4

TOTAL FOR MONTH: 6.97
 DPTR FM NORMAL: 2.55
 GRTST 24HR 1.87 ON 1- 2
 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: 18
 MAX 90 OR ABOVE: 0 0.10 INCH OR MORE: 10
 MIN 32 OR BELOW: 2 0.50 INCH OR MORE: 5
 MIN 0 OR BELOW: 0 1.00 INCH OR MORE: 2

[HDD (BASE 65)]

TOTAL THIS MO. 149
 DPTR FM NORMAL -80
 SEASONAL TOTAL 6157
 DPTR FM NORMAL -58

CLEAR (SCALE 0-3) 14
 PTCLDY (SCALE 4-7) 14
 CLOUDY (SCALE 8-10) 3

[CDD (BASE 65)]

TOTAL THIS MO. 78
 DPTR FM NORMAL 39
 SEASONAL TOTAL 86
 DPTR FM NORMAL 39

[PRESSURE DATA]

HIGHEST SLP M ON M
 LOWEST SLP M ON M

[REMARKS]