

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

STATION: MANSFIELD
 MONTH: AUGUST
 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	87	60	74	3	0	9	0.00	0.0	0	3.9	9	280	M	M	0	18	12	280		
2	90	66	78	7	0	13	0.00	0.0	0	3.2	12	320	M	M	0	18	14	340		
3	90	65	78	7	0	13	0.00	0.0	0	3.6	10	270	M	M	0	18	14	270		
4	90	69	80	9	0	15	T	0.0	0	8.2	20	220	M	M	0	8	24	230		
5	81	69	75	4	0	10	0.50	0.0	0	5.1	13	30	M	M	6	138	15	20		
6	81	62	72	2	0	7	0.00	0.0	0	5.4	12	90	M	M	1		14	100		
7	83	59	71	1	0	6	0.00	0.0	0	3.7	10	80	M	M	0	18	12	120		
8	84	64	74	4	0	9	0.00	0.0	0	7.5	15	210	M	M	2	18	18	210		
9	86	63	75	5	0	10	0.00	0.0	0	4.0	9	150	M	M	2	18	12	150		
10	87	62	75	5	0	10	0.25	0.0	0	6.8	22	350	M	M	1	138	25	360		
11	86	66	76	6	0	11	T	0.0	0	4.5	12	40	M	M	2	128	13	30		
12	91	71	81	11	0	16	0.00	0.0	0	10.3	22	230	M	M	0	18	28	220		
13	89	66	78	8	0	13	0.89	0.0	0	6.5	41	310	M	M	5	1238	52	320		
14	74	67	71	1	0	6	T	0.0	0	6.5	12	10	M	M	7	18	14	270		
15	75	65	70	0	0	5	T	0.0	0	4.9	10	50	M	M	4	1	13	50		
16	81	62	72	2	0	7	0.01	0.0	0	3.0	12	80	M	M	5	18	15	50		
17	83	60	72	2	0	7	0.00	0.0	0	4.7	12	100	M	M	0	18	14	100		
18	82	63	73	4	0	8	T	0.0	0	8.9	16	190	M	M	3	18	20	190		
19	86	72	79	10	0	14	0.00	0.0	0	10.7	23	220	M	M	5	18	30	240		
20	90	64	77	8	0	12	0.03	0.0	0	7.6	21	210	M	M	2	138	24	200		
21	83	60	72	3	0	7	0.00	0.0	0	8.0	17	250	M	M	2	128	23	250		
22	74	53	64	-5	1	0	0.00	0.0	0	6.4	16	350	M	M	3		20	350		
23	72	51	62	-6	3	0	0.00	0.0	0	5.3	17	30	M	M	4	1	21	30		
24	77	52	65	-3	0	0	0.00	0.0	0	8.1	17	80	M	M	0		23	60		
25	80	56	68	0	0	3	0.00	0.0	0	6.1	12	80	M	M	0	18	14	110		
26	79	67	73	5	0	8	T	0.0	0	6.1	15	140	M	M	6	18	17	140		
27	80	68	74	6	0	9	0.54	0.0	0	8.9	17	230	M	M	8	128	20	230		
28	84	56	70	2	0	5	0.00	0.0	0	6.5	15	170	M	M	0	128	17	210		
29	75	65	70	3	0	5	T	0.0	0	8.9	17	190	M	M	2	18	21	190		
30	70	66	68	1	0	3	2.37	0.0	0	8.9	16	90	M	M	10	12	20	90		
31	77	60	69	2	0	4	0.40	0.0	0	10.4	22	10	M	M	7	18	28	340		
SM	2547	1949			4	245	4.99		0.0	202.6			M		87					
AV	82.2	62.9								6.5	FASTST		PSBL	%	3		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: 72.5
 DPTR FM NORMAL: 3.2
 HIGHEST: 91 ON 12
 LOWEST: 51 ON 23

[PRECIPITATION DATA]

TOTAL FOR MONTH: 4.99
 DPTR FM NORMAL: 0.39
 GRTST 24HR 2.71 ON 30-31
 SNOW, ICE PELLETS, HAIL
 TOTAL MONTH: 0.0 INCH
 GRTST 24HR 0.0
 GRTST DEPTH: 0

SYMBOLS USED IN COLUMN 16

1 = FOG OR MIST
 2 = FOG REDUCING VISIBILITY
 TO 1/4 MILE OR LESS
 3 = THUNDER
 4 = ICE PELLETS
 5 = HAIL
 6 = FREEZING RAIN OR DRIZZLE
 7 = DUSTSTORM OR SANDSTORM:
 VSBY 1/2 MILE OR LESS
 8 = SMOKE OR HAZE
 9 = BLOWING SNOW
 X = TORNADO

[NO. OF DAYS WITH]

MAX 32 OR BELOW: 0
 MAX 90 OR ABOVE: 5
 MIN 32 OR BELOW: 0
 MIN 0 OR BELOW: 0

[WEATHER - DAYS WITH]

0.01 INCH OR MORE: 8
 0.10 INCH OR MORE: 6
 0.50 INCH OR MORE: 4
 1.00 INCH OR MORE: 1

[HDD (BASE 65)]

TOTAL THIS MO. 4 CLEAR (SCALE 0-3) 20
 DPTR FM NORMAL -16 PTCLDY (SCALE 4-7) 9
 TOTAL FM JUL 1 4 CLOUDY (SCALE 8-10) 2
 DPTR FM NORMAL -16

[CDD (BASE 65)]

TOTAL THIS MO. 245
 DPTR FM NORMAL 64
 TOTAL FM JAN 1 743
 DPTR FM NORMAL 151

[PRESSURE DATA]

HIGHEST SLP 30.23 ON 25
 LOWEST SLP 29.44 ON 31

[REMARKS]