

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

STATION: MANSFIELD
 MONTH: APRIL
 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	30	42	0	23	0	0.11	0.0	0	10.5	15	60	M	M	5	1	21	30		
2	39	32	36	-6	29	0	1.16	8.0	0	20.0	29	30	M	M	10	128	41	40		
3	52	34	43	1	22	0	0.00	0.0	2	16.4	24	300	M	M	2		36	300		
4	60	36	48	6	17	0	0.00	0.0	0	6.9	14	320	M	M	0		18	290		
5	73	43	58	15	7	0	0.00	0.0	0	12.0	23	210	M	M	0		29	230		
6	76	50	63	19	2	0	0.00	0.0	0	9.3	21	210	M	M	1		24	220		
7	63	40	52	8	13	0	0.12	0.0	0	5.7	18	30	M	M	9	18	23	20		
8	60	37	49	4	16	0	0.00	0.0	0	12.0	22	70	M	M	2	1	26	30		
9	71	36	54	9	11	0	0.00	0.0	0	7.0	14	140	M	M	0		17	170		
10	76	42	59	14	6	0	0.00	0.0	0	6.8	15	30	M	M	0		20	20		
11	71	40	56	10	9	0	0.00	0.0	0	10.4	20	70	M	M	0		23	70		
12	59	40	50	4	15	0	0.00	0.0	0	12.5	23	90	M	M	2		28	90		
13	60	36	48	2	17	0	0.00	0.0	0	14.6	26	20	M	M	0		32	30		
14	63	30	47	1	18	0	0.00	0.0	0	10.9	23	40	M	M	0		29	20		
15	66	32	49	2	16	0	0.00	0.0	0	8.5	17	80	M	M	0		22	80		
16	69	37	53	6	12	0	0.00	0.0	0	7.7	15	170	M	M	0		18	170		
17	71	39	55	8	10	0	0.01	0.0	0	5.5	15	60	M	M	3		22	60		
18	79	49	64	16	1	0	0.00	0.0	0	5.8	14	290	M	M	3		18	270		
19	80	58	69	21	0	4	0.00	0.0	0	9.7	20	240	M	M	1		23	240		
20	78	42	60	12	5	0	1.21	0.0	0	11.7	26	240	M	M	5	13	40	290		
21	56	36	46	-3	19	0	0.07	0.0	0	9.1	16	40	M	M	6	12	21	20		
22	51	36	44	-6	21	0	0.53	0.0	0	7.3	16	20	M	M	7	12	18	40		
23	42	31	37	-13	28	0	1.00	2.0	0	15.7	26	340	M	M	10	1	33	340		
24	33	30	32	-19	33	0	0.31	8.0	0	13.8	20	300	M	M	10	12	29	270		
25	55	33	44	-8	21	0	0.01	0.1	0	13.3	25	260	M	M	6	1	33	260		
26	58	41	50	-2	15	0	0.24	0.0	0	12.6	25	190	M	M	10	1	31	200		
27	49	40	45	-7	20	0	T	0.0	0	12.3	22	250	M	M	8	1	26	250		
28	53	37	45	-7	20	0	0.03	0.0	0	7.2	17	340	M	M	5	1	22	260		
29	52	43	48	-5	17	0	0.08	0.0	0	5.0	9	20	M	M	10	18	13	50		
30	52	41	47	-6	18	0	0.04	M	0	9.2	16	330	M	M	10	18	20	30		
SM	1820	1151			461	4	4.92		18.1	309.4			M		125					
AV	60.7	38.4								10.3	FASTST		PSBL	%	4		MAX(MPH)			
								MISC	---->	29	30						41	40		

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NOTES:

LAST OF SEVERAL OCCURRENCES

COLUMN 17 PEAK WIND IN M.P.H.

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PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6) , PAGE 2

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[TEMPERATURE DATA]	[PRECIPITATION DATA]	SYMBOLS USED IN COLUMN 16
AVERAGE MONTHLY: 49.5	TOTAL FOR MONTH: 4.92	1 = FOG
DPTR FM NORMAL: 2.3	DPTR FM NORMAL: 0.75	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS
HIGHEST: 80 ON 19	GRTST 24HR 1.37 ON 22-23	3 = THUNDER
LOWEST: 30 ON 24,14	SNOW, ICE PELLETS, HAIL	4 = ICE PELLETS
	TOTAL MONTH: 18.1 INCHES	5 = HAIL
	GRTST 24HR 8.0 ON 24-24	6 = GLAZE OR RIME
	GRTST DEPTH: 2 ON 3	7 = BLOWING DUST OR SAND: VSBY 1/2 MILE OR LESS
		8 = SMOKE OR HAZE
[NO. OF DAYS WITH]	[WEATHER - DAYS WITH]	9 = BLOWING SNOW
MAX 32 OR BELOW: 0	0.01 INCH OR MORE: 14	X = TORNADO
MAX 90 OR ABOVE: 0	0.10 INCH OR MORE: 8	
MIN 32 OR BELOW: 6	0.50 INCH OR MORE: 4	
MIN 0 OR BELOW: 0	1.00 INCH OR MORE: 3	
[HDD (BASE 65)]		
TOTAL THIS MO. 461	CLEAR (SCALE 0-3) 16	
DPTR FM NORMAL -37	PTCLDY (SCALE 4-7) 6	
SEASONAL TOTAL 5969	CLOUDY (SCALE 8-10) 8	
DPTR FM NORMAL -17		
[CDD (BASE 65)]		
TOTAL THIS MO. 4		
DPTR FM NORMAL -3	[PRESSURE DATA]	
SEASONAL TOTAL 4	HIGHEST SLP 30.51 ON 16	
DPTR FM NORMAL -4	LOWEST SLP 29.40 ON 23	

[REMARKS]