

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

STATION: MANSFIELD
 MONTH: DECEMBER
 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
DY	MAX	MIN	AVG	DEP	HDD	CDD	WTR	SNW	DPTH	SPD	SPD	DIR	MIN	PSBL	S-S	WX	SPD	DR
1	32	23	28	-7	37	0	0.02	0.2	0	6.7	14	280	M	M	7	18	23	280
2	28	18	23	-11	42	0	0.02	0.2	2	14.3	22	280	M	M	10	1	33	260
3	27	16	22	-12	43	0	0.04	0.7	1	7.7	14	130	M	M	10	18	17	130
4	28	21	25	-8	40	0	0.12	2.5	3	6.9	14	330	M	M	10	1	16	310
5	24	11	18	-15	47	0	T	T	2	6.0	10	280	M	M	9	18	16	300
6	22	5	14	-19	51	0	0.01	0.3	2	7.2	14	240	M	M	4	18	16	240
7	18	3	11	-21	54	0	T	T	2	5.4	13	280	M	M	3	18	16	250
8	31	1	16	-16	49	0	0.16	1.6	2	9.8	22	180	M	M	4	18	26	170
9	32	14	23	-9	42	0	0.03	0.4	2	16.0	30	250	M	M	10	19	45	230
10	27	19	23	-8	42	0	T	T	2	15.4	24	240	M	M	7	18	32	220
11	32	24	28	-3	37	0	0.06	1.0	1	12.7	17	260	M	M	10	18	24	250
12	25	10	18	-13	47	0	T	0.5	3	6.5	12	350	M	M	8	18	15	270
13	26	10	18	-12	47	0	T	T	2	5.1	9	150	M	M	5		12	160
14	31	15	23	-7	42	0	T	T	2	12.7	18	150	M	M	6	18	21	140
15	34	30	32	2	33	0	0.23	3.2	3	10.9	16	260	M	M	10	1	23	260
16	31	22	27	-2	38	0	0.02	0.2	4	12.5	26	250	M	M	8	18	32	250
17	27	15	21	-8	44	0	0.00	0.0	3	8.5	16	260	M	M	1	1	20	280
18	29	13	21	-8	44	0	T	T	3	6.8	15	300	M	M	6	18	20	300
19	14	4	9	-19	56	0	T	T	3	10.4	17	250	M	M	3	18	22	250
20	20	5	13	-15	52	0	T	T	3	12.0	18	260	M	M	5	18	23	280
21	28	19	24	-4	41	0	0.00	0.0	3	11.4	22	260	M	M	10	18	29	280
22	33	19	26	-2	39	0	0.00	0.0	3	16.3	28	220	M	M	7	18	35	210
23	40	31	36	9	29	0	T	0.0	2	15.9	26	180	M	M	3	8	33	190
24	44	36	40	13	25	0	0.00	0.0	1	10.3	17	210	M	M	3		21	200
25	44	31	38	11	27	0	0.28	T	0	5.0	13	190	M	M	10	12	15	190
26	33	31	32	5	33	0	0.04	0.3	T	12.7	20	320	M	M	10	1	25	280
27	39	30	35	9	30	0	0.00	0.0	T	11.8	20	170	M	M	7	18	23	180
28	53	38	46	20	19	0	0.08	0.0	0	10.5	17	200	M	M	9	1	20	210
29	46	32	39	13	26	0	0.12	T	0	11.8	20	340	M	M	10	1	24	340
30	36	31	34	8	31	0	0.03	T	0	7.4	17	170	M	M	10	1	22	170
31	38	33	36	10	29	0	0.09	0.2	0	11.7	21	270	M	M	10	1	28	260
SM	972	610			1216	0	1.35		11.3	318.3			M		225			
AV	31.4	19.7								10.3	FASTST		PSBL	%	7		MAX(MPH)	

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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]

AVERAGE MONTHLY: 25.5
 DPTR FM NORMAL: -4.1
 HIGHEST: 53 ON 28
 LOWEST: 1 ON 8

[PRECIPITATION DATA]

TOTAL FOR MONTH: 1.35
 DPTR FM NORMAL: -1.91
 GRTST 24HR 0.30 ON 25-26
 SNOW, ICE PELLETS, HAIL
 TOTAL MONTH: 11.3 INCHES
 GRTST 24HR 3.2 ON 15-15
 GRTST DEPTH: 4 ON 16

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: 20
 MAX 90 OR ABOVE: 0
 MIN 32 OR BELOW: 28
 MIN 0 OR BELOW: 0

[WEATHER - DAYS WITH]

0.01 INCH OR MORE: 16
 0.10 INCH OR MORE: 5
 0.50 INCH OR MORE: 0
 1.00 INCH OR MORE: 0

[HDD (BASE 65)]

TOTAL THIS MO. 1216
 DPTR FM NORMAL 125
 TOTAL FM JUL 1 2321
 DPTR FM NORMAL 2

CLEAR (SCALE 0-3) 5
 PTCLDY (SCALE 4-7) 10
 CLOUDY (SCALE 8-10) 16

[CDD (BASE 65)]

TOTAL THIS MO. 0
 DPTR FM NORMAL 0
 TOTAL FM JAN 1 839
 DPTR FM NORMAL 167

[PRESSURE DATA]

HIGHEST SLP 30.72 ON 7
 LOWEST SLP 29.34 ON 29

[REMARKS]