

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

STATION: MANSFIELD
 MONTH: JANUARY
 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	46	23	35	10	30	0	0.23	0.0	0	8.0	23	200	M	M	4	1	33	190
2	56	42	49	24	16	0	0.11	0.0	0	13.0	22	210	M	M	10	1	30	220
3	59	40	50	25	15	0	0.44	0.0	0	12.0	26	210	M	M	10	1	35	210
4	39	32	36	11	29	0	1.31	0.0	0	11.0	18	50	M	M	10	16	23	50
5	33	22	28	3	37	0	0.07	0.5	T	5.3	15	320	M	M	10	1	20	300
6	25	9	17	-8	48	0	0.05	0.9	T	15.0	24	270	M	M	7	1	36	270
7	21	9	15	-9	50	0	T	T	1	14.6	25	280	M	M	3		36	270
8	28	18	23	-1	42	0	T	T	0	6.1	12	220	M	M	8		16	220
9	23	8	16	-8	49	0	0.02	0.8	T	11.1	17	30	M	M	9	18	22	20
10	17	8	13	-11	52	0	T	T	1	4.7	13	210	M	M	6	18	15	210
11	34	15	25	1	40	0	0.00	0.0	0	17.7	28	210	M	M	6		35	200
12	37	30	34	10	31	0	0.02	0.0	0	11.8	22	240	M	M	9	18	30	240
13	31	20	26	2	39	0	0.01	0.3	0	11.7	30	330	M	M	10	168	36	330
14	33	17	25	1	40	0	0.09	1.0	T	10.3	26	170	M	M	9	168	30	170
15	26	5	16	-8	49	0	0.05	1.0	1	12.0	21	320	M	M	7	1	26	320
16	18	3	11	-13	54	0	0.00	0.0	2	4.0	10	120	M	M	8		13	20
17	34	14	24	0	41	0	0.07	1.1	1	11.2	17	170	M	M	10	168	21	240
18	34	13	24	0	41	0	T	0.2	2	5.2	18	340	M	M	9	168	18	340
19	18	14	16	-8	49	0	0.07	1.7	2	4.5	17	300	M	M	10	18	18	320
20	15	2	9	-15	56	0	T	0.2	2	6.3	12	290	M	M	6	18	15	320
21	30	2	16	-8	49	0	0.00	0.0	2	13.2	26	210	M	M	5		32	220
22	33	2	18	-6	47	0	T	0.5	1	15.3	28	280	M	M	7	18	38	280
23	14	2	8	-16	57	0	0.07	1.2	1	10.3	17	180	M	M	9	18	22	260
24	16	0	8	-16	57	0	0.04	1.1	2	7.5	16	350	M	M	6	16	20	10
25	15	-3	6	-18	59	0	0.27	2.7	3	11.8	21	90	M	M	3	1	25	100
26	33	14	24	0	41	0	0.47	1.5	7	6.9	22	120	M	M	10	126	23	120
27	37	16	27	3	38	0	0.29	1.5	6	16.3	26	230	M	M	10	13	35	240
28	18	9	14	-11	51	0	0.09	1.6	8	15.7	24	260	M	M	10	18	31	250
29	15	7	11	-14	54	0	0.01	0.6	6	8.5	10	310	M	M	9	18	13	310
30	9	-2	4	-21	61	0	T	0.5	7	10.8	20	260	M	M	9	18	23	250
31	12	-2	5	-20	60	0	T	T	7	7.8	15	260	M	M	5	18	21	250
SM	859	389			1382	0	3.78		18.9	319.6			M		244			
AV	27.7	12.5								10.3	FASTST	PSBL	%	8		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: 20.1
DPTR FM NORMAL: -4.2
HIGHEST: 59 ON 3
LOWEST: -3 ON 25

TOTAL FOR MONTH: 3.78
DPTR FM NORMAL: 1.15
GRTST 24HR 1.33 ON 4- 5
SNOW, ICE PELLETS, HAIL
TOTAL MONTH: 18.9 INCHES
GRTST 24HR 2.7 ON 25-25
GRTST DEPTH: 8 ON 28

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: 18
MAX 90 OR ABOVE: 0
MIN 32 OR BELOW: 29
MIN 0 OR BELOW: 4

0.01 INCH OR MORE: 20
0.10 INCH OR MORE: 7
0.50 INCH OR MORE: 1
1.00 INCH OR MORE: 1

[HDD (BASE 65)]

TOTAL THIS MO. 1382
DPTR FM NORMAL 126
SEASONAL TOTAL 3661
DPTR FM NORMAL 86

CLEAR (SCALE 0-3) 2
PTCLDY (SCALE 4-7) 10
CLOUDY (SCALE 8-10) 19

[CDD (BASE 65)]

TOTAL THIS MO. 0
DPTR FM NORMAL 0
SEASONAL TOTAL 0
DPTR FM NORMAL 0

[PRESSURE DATA]

HIGHEST SLP 30.53 ON 10
LOWEST SLP 29.56 ON 27

[REMARKS]