

CXUS51 KCLE 011004

CF6MFD

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

STATION: MANSFIELD

MONTH: AUGUST

YEAR: 2006

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		
				DEP	HDD	CDD	WTR	SNW	DPTH	SPD	SPD	DIR	MIN	PSBL	S-S	WX	SPD	DR		
				AVG	AVG MX 2MIN															

1	92	76	84	13	0	19	0.00	0.0	0	8.5	17	240	M	M	0	18	23	210
2	91	75	83	12	0	18	0.00	0.0	0	11.1	22	230	M	M	1	18	25	240
3	87	70	79	8	0	14	0.30	0.0	0	8.4	28	330	M	M	3	13	33	330
4	83	64	74	3	0	9	T	0.0	0	6.4	14	350	M	M	4	18	16	30
5	83	62	73	2	0	8	0.00	0.0	0	5.5	12	100	M	M	2	18	13	90
6	87	62	75	5	0	10	0.00	0.0	0	4.6	12	160	M	M	1	18	14	160
7	87	69	78	8	0	13	0.01	0.0	0	6.9	14	280	M	M	3	18	17	270
8	79	60	70	0	0	5	0.00	0.0	0	7.1	14	10	M	M	2	1	18	20
9	82	55	69	-1	0	4	0.00	0.0	0	2.0	10	260	M	M	1		12	250
10	81	64	73	3	0	8	0.00	0.0	0	4.1	10	40	M	M	5	18	13	50
11	80	55	68	-2	0	3	0.00	0.0	0	8.5	17	30	M	M	2	18	21	30
12	80	51	66	-4	0	1	0.00	0.0	0	6.7	14	60	M	M	0	1	16	40
13	82	52	67	-3	0	2	0.00	0.0	0	3.7	9	50	M	M	1		13	130
14	84	60	72	2	0	7	0.15	0.0	0	10.0	21	240	M	M	4	18	25	230
15	81	58	70	0	0	5	0.00	0.0	0	6.1	13	310	M	M	1	1	17	270
16	83	55	69	-1	0	4	0.00	0.0	0	3.8	12	40	M	M	1		14	50
17	85	58	72	2	0	7	0.00	0.0	0	6.1	13	110	M	M	0		14	80
18	84	67	76	7	0	11	0.06	0.0	0	5.6	12	140	M	M	7	18	14	220
19	82	70	76	7	0	11	0.03	0.0	0	8.3	18	290	M	M	7	18	24	220
20	76	55	66	-3	0	1	0.00	0.0	0	8.0	16	10	M	M	6	1	22	20
21	81	52	67	-2	0	2	0.00	0.0	0	3.4	9	320	M	M	0	1	14	20
22	82	56	69	0	0	4	0.00	0.0	0	4.7	12	290	M	M	0	18	15	250
23	83	59	71	3	0	6	0.00	0.0	0	4.6	13	290	M	M	1	18	17	320
24	81	59	70	2	0	5	0.08	0.0	0	4.4	14	320	M	M	1	138	16	330
25	85	63	74	6	0	9	0.00	0.0	0	5.3	14	230	M	M	1	18	16	240
26	87	62	75	7	0	10	T	0.0	0	6.4	18	230	M	M	2	18	22	230
27	81	70	76	8	0	11	1.18	0.0	0	7.0	16	300	M	M	8	18	22	300
28	72	67	70	2	0	5	0.53	0.0	0	6.7	15	170	M	M	9	12	17	160
29	73	64	69	2	0	4	0.37	0.0	0	7.8	16	190	M	M	10	12	20	220
30	72	61	67	0	0	2	0.00	0.0	0	7.9	14	70	M	M	9	18	16	40
31	71	61	66	-1	0	1	T	0.0	0	10.4	15	70	M	M	8		20	80

SM	2537	1912			0	219	2.71		0.0	200.0			M		100			
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AV 81.8 61.7                                6.5 FASTST PSBL % 3 MAX(MPH)
MISC ----> 28 330                            33 330
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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

STATION: MANSFIELD  
 MONTH: AUGUST  
 YEAR: 2006  
 LATITUDE: 40 49 N  
 LONGITUDE: 82 31 W

TEMPERATURE DATA	PRECIPITATION DATA	SYMBOLS USED IN COLUMN 16
AVERAGE MONTHLY: 71.8	TOTAL FOR MONTH: 2.71	1 = FOG OR MIST
DPTR FM NORMAL: 2.5	DPTR FM NORMAL: -1.89	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS
HIGHEST: 92 ON 1	GRTST 24HR 1.18 ON M	3 = THUNDER
LOWEST: 51 ON 12		4 = ICE PELLETS
	SNOW, ICE PELLETS, HAIL	5 = HAIL
	TOTAL MONTH: 0.0 INCH	6 = FREEZING RAIN OR DRIZZLE
	GRTST 24HR 0.0	7 = DUSTSTORM OR SANDSTORM: VSBY 1/2 MILE OR LESS
	GRTST DEPTH: 0	8 = SMOKE OR HAZE
		9 = BLOWING SNOW
NO. OF DAYS WITH	WEATHER - DAYS WITH	X = TORNADO
MAX 32 OR BELOW: 0	0.01 INCH OR MORE: 8	
MAX 90 OR ABOVE: 2	0.10 INCH OR MORE: 5	
MIN 32 OR BELOW: 0	0.50 INCH OR MORE: 2	
MIN 0 OR BELOW: 0	1.00 INCH OR MORE: 1	
HDD (BASE 65)		
TOTAL THIS MO. 0	CLEAR (SCALE 0-3) 22	
DPTR FM NORMAL -20	PTCLDY (SCALE 4-7) 4	
TOTAL FM JUL 1 6	CLOUDY (SCALE 8-10) 5	
DPTR FM NORMAL -14		
CDD (BASE 65)		
TOTAL THIS MO. 219		
DPTR FM NORMAL 38	PRESSURE DATA	
TOTAL FM JAN 1 616	HIGHEST SLP 30.22 ON 17	
DPTR FM NORMAL 24	LOWEST SLP 29.71 ON 29	

REMARKS  
 FINAL-08-06