

CXUS51 KCLE 010900

CF6MFD

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

STATION: MANSFIELD OH

MONTH: DECEMBER

YEAR: 2024

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
12Z AVG MX 2MIN																		
DY	MAX	MIN	AVG	DEP	HDD	CDD	WTR	SNW	DPTH	SPD	SPD	DIR	MIN	PSBL	S-S	WX	SPD	DR
1	25	16	21	-15	44	0	T	0.1	0	9.1	14	260	M	M	6	8	20	250
2	30	16	23	-13	42	0	0.00	0.0	T	7.1	13	250	M	M	7		19	250
3	32	22	27	-8	38	0	T	T	0	9.4	16	200	M	M	6	18	23	200
4	38	21	30	-5	35	0	0.10	0.1	0	18.8	29	230	M	M	9	18	46	220
5	35	18	27	-8	38	0	0.01	0.1	T	14.0	26	280	M	M	10	1	49	290
6	32	15	24	-10	41	0	0.00	0.0	T	10.4	21	220	M	M	5		29	220
7	39	21	30	-4	35	0	0.00	0.0	T	15.8	29	210	M	M	4		42	200
8	53	39	46	12	19	0	0.00	0.0	0	13.9	25	230	M	M	0		38	230
9	51	41	46	12	19	0	0.56	0.0	0	12.0	23	220	M	M	8	1	32	240
10	47	37	42	9	23	0	0.12	0.0	0	5.1	12	320	M	M	8	12	14	250
11	37	20	29	-4	36	0	0.06	0.4	0	11.1	30	240	M	M	9	128	43	220
12	20	11	16	-17	49	0	0.01	0.2	T	11.8	28	230	M	M	7		42	220
13	28	15	22	-10	43	0	T	T	T	3.6	8	30	M	M	4		11	310
14	40	17	29	-3	36	0	0.00	0.0	T	9.8	16	120	M	M	1		22	120
15	45	34	40	8	25	0	0.45	0.0	0	11.9	21	160	M	M	10	1	27	150
16	56	45	51	19	14	0	0.25	0.0	0	14.1	26	200	M	M	10	12	37	210
17	49	30	40	9	25	0	0.00	0.0	0	9.3	20	230	M	M	1	1	33	250
18	38	27	33	2	32	0	0.04	T	0	5.3	14	300	M	M	8	18	20	300
19	34	31	33	2	32	0	0.00	0.0	0	4.3	10	120	M	M	10		13	120
20	36	28	32	1	33	0	0.07	0.4	0	9.3	21	330	M	M	10	18	28	320
21	28	17	23	-7	42	0	0.01	0.3	1	9.4	20	320	M	M	10	1	25	320
22	27	11	19	-11	46	0	0.00	0.0	1	2.5	15	150	M	M	4		19	150
23	40	17	29	-1	36	0	0.03	0.0	1	13.9	21	180	M	M	5		31	200
24	40	33	37	7	28	0	0.00	0.0	0	4.8	13	230	M	M	10	12	20	220
25	39	33	36	6	29	0	0.00	0.0	0	4.7	9	120	M	M	10	1	10	120
26	43	36	40	11	25	0	0.00	0.0	0	8.0	14	120	M	M	9	1	19	120
27	51	37	44	15	21	0	0.07	0.0	0	10.4	17	160	M	M	6	1	27	170
28	59	44	52	23	13	0	0.01	0.0	0	12.4	21	220	M	M	9	1	33	210
29	58	39	49	20	16	0	1.61	0.0	0	15.6	37	200	M	M	9	18	51	200
30	46	32	39	11	26	0	0.15	0.0	0	11.2	26	230	M	M	5	1	38	240
31	46	33	40	12	25	0	1.05	T	0	10.8	21	200	M	M	9	1	32	290
=====																		
SM	1242	836			966	0	4.60	1.6		309.8			M		219			

```
=====
AV 40.1 27.0                      10.0 FASTST  M   M   7   MAX(MPH)
                                MISC ---->  37 200      51 200
=====
```

NOTES:

LAST OF SEVERAL OCCURRENCES

COLUMN 17 PEAK WIND IN M.P.H.

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

STATION: MANSFIELD OH
MONTH: DECEMBER
YEAR: 2024
LATITUDE: 40 49 N
LONGITUDE: 82 31 W

[TEMPERATURE DATA]	[PRECIPITATION DATA]	SYMBOLS USED IN COLUMN 16
AVERAGE MONTHLY: 33.5	TOTAL FOR MONTH: 4.60	1 = FOG OR MIST
DPTR FM NORMAL: 1.7	DPTR FM NORMAL: 1.58	2 = FOG REDUCING VISIBILITY
HIGHEST: 59 ON 28	GRTST 24HR 1.71 ON 29-30	TO 1/4 MILE OR LESS
LOWEST: 11 ON 22,12		3 = THUNDER
	SNOW, ICE PELLETS, HAIL	4 = ICE PELLETS
	TOTAL MONTH: 1.6 INCHES	5 = HAIL
	GRTST 24HR 0.4 ON 11-11	6 = FREEZING RAIN OR DRIZZLE
	GRTST DEPTH: 1 ON 23,22	7 = DUSTSTORM OR SANDSTORM:
		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: 8	0.01 INCH OR MORE: 17	
MAX 90 OR ABOVE: 0	0.10 INCH OR MORE: 8	
MIN 32 OR BELOW: 19	0.50 INCH OR MORE: 3	
MIN 0 OR BELOW: 0	1.00 INCH OR MORE: 2	
[HDD (BASE 65)]		
TOTAL THIS MO. 966	CLEAR (SCALE 0-3) 3	
DPTR FM NORMAL -63	PTCLDY (SCALE 4-7) 12	
TOTAL FM JUL 1 1860	CLOUDY (SCALE 8-10) 16	
DPTR FM NORMAL -377		
[CDD (BASE 65)]		
TOTAL THIS MO. 0		
DPTR FM NORMAL 0	[PRESSURE DATA]	
TOTAL FM JAN 1 1003	HIGHEST SLP 30.76 ON 14	
DPTR FM NORMAL 253	LOWEST SLP 29.29 ON 29	

[REMARKS]

#FINAL-12-24#