WS FORM F-6

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: MOUNT WASHINGTON OBSERVATORY

MONTH: DECEMBER | YEAR: 2025

LATITUDE: 44 DEGREES 16 MINUTES NORTH | LONGITUDE: 71 DEGREES 18 MINUTES WEST | GROUND ELEVATION (H): 6280 FT | STANDARD TIME: EASTERN

	TEMPERATURE (°F)					DEGREE DAYS		PRECIPITATION (IN.)			WIND (MPH)			SUNSHINE (MINUTES)		SKY COVER	WEATHER
								TOTAL	SNOW &	SNOW/ICE ON	AVG	FASTEST MILE					
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	(EQUIV)	ICE	GROUND-7AM	SPEED	SPEED	DIR	TOTAL	% POSS	(TENTHS)	OCCUR.
1	17	1	9	16	-7	56	0	0.18	1.2	21	51.0	98	300 (NW)	214	38	8	1269
2	18	5	12	16	-4	53	0	0.35	7.2	21	26.5	60	200 (S)	0	0	10	1269
3	16	4	10	15	-5	55	0	0.05	1.2	25	34.9	61	270 (W)	448	81	5	1269
4	12	**-21**	-4	15	-19	69	0	0.21	2.6	25	62.5	119	290 (W)	0	0	10	1269
5	10	-14	-2	15	-17	67	0	0.00	0.0	23	**45.5**	88	320 (NW)	517	93	5	1
6	14	5	10	14	-4	55	0	0.06	1.1	23	39.8	75	280 (W)	155	28	9	1269
7	9	0	5	14	-9	60	0	0.15	2.3	23	51.0	79	280 (W)	0	0	10	1269
8	1	-18	-8	14	-22	73	0	0.04	0.7	24	57.9	105	330 (NW)	367	67	5	1269
9	5	-12	-3	14	-17	68	0	0.02	0.3	24	40.3	79	260 (W)	348	63	5	1269
10	18	2	10	13	-3	55	0	**0.33**	**3.2**	24	48.5	84	210 (SW)	0	0	10	1269
11	16	-11	3	13	-10	62	0	**0.21**	**2.1**	24	72.1	109	280 (W)	0	0	10	1269
12	-1	-11	-6	13	-19	71	0	0.13	1.2	23	**81.2**	122	290 (W)	0	0	10	1269
13	7	-1	3	12	-9	62	0	0.05	0.6	23	44.6	76	290 (W)	16	3	10	1269
14	7	-15	-4	12	-16	69	0	0.06	1.9	24	23.8	60	300 (NW)	41	8	10	1269
15	-2	-15	-8	12	-20	73	0	**0.02**	0.2	23	68.0	97	310 (NW)	4	1	10	1269
16	22	-2	10	12	-2	55	0	0.03	0.4	23	46.7	72	270 (W)	412	76	5	1269
17	30	14	22	11	11	43	0	0.06	0.8	23	63.2	109	280 (W)	117	22	9	1269
18	29	10	20	11	9	45	0	0.00	0.0	23	45.5	81	200 (S)	444	82	6	1269
19	**38**	6	22	11	11	43	0	1.21	**2.6**	22	68.7	118	170 (S)	0	0	10	12469
20	27	-5	11	11	0	54	0	0.10	1.1	16	**70.2**	125	280 (W)	355	65	6	1269
21	22	-6	8	11	-3	57	0	0.05	1.0	16	77.3	109	290 (W)	12	2	10	1269
22	5	-13	-4	10	-14	69	0	0.03	0.6	17	63.3	101	290 (W)	328	60	8	1269
23	15	5	10	10	0	55	0	0.23	3.2	17	32.6	67	290 (W)	260	48	8	1269
24	14	7	11	10	1	54	0	0.20	2.7	19	29.1	50	320 (NW)	181	33	8	126
25	12	-14	-1	10	-11	66	0	0.68	5.3	18	59.7	112	340 (N)	0	0	10	1269
26	21	-13	4	9	-5	61	0	0.00	0.0	19	34.2	86	340 (N)	476	88	6	1
27	16	8	12	9	3	53	0	0.02	0.4	19	20.1	65	320 (NW)	273	50	6	126
28	31	15	23	9	14	42	0	0.01	0.1	19	47.4	77	320 (NW)	511	94	6	126
29	38	5	22	9	13	43	0	**0.86**	**1.3**	19	41.2	92	240 (SW)	0	0	10	12469
30	5	-16	-5	9	-14	70	0	**0.23**	**2.1**	18	**90.3**	122	280 (W)	0	0	10	1269
31	-1	-16	-8	8	-16	73	0	0.02	0.2	18	67.4	111	280 (W)	134	25	9	1269
SUM	471	-116	----	----	----	1831	0	5.59	47.6	----	1604.5	----	----	5613	----	254	----
AVG	15.2	-3.7	----	----	----	----	----	----	----	----	51.8	FASTEST	DIR	POSS	33%	8.2	----
											MISC. ->	125	280 (W)	16968			----

TEMPERATURE DATA (°F)

AVERAGE MONTHLY	5.7	
DEPARTURE FROM NORMAL	-6.1	
HIGHEST	38	on 19th,29th
LOWEST	-21	on 4th

NUMBER OF DAYS WITH:

MAX. 32 OR BELOW	29
MAX. 90 OR ABOVE	0
MIN. 32 OR BELOW	31
MIN. 0 OR BELOW	18

HEATING DEGREE DAYS (BASE 65°F)

TOTAL THIS MONTH	1831
DEPARTURE FROM NORMAL	182
SEASON TOTAL	5660
DEPARTURE FROM NORMAL	8

COOLING DEGREE DAYS (BASE 65F)

TOTAL THIS MONTH	0
DEPARTURE FROM NORMAL	0
SEASON TOTAL	0
DEPARTURE FROM NORMAL	0

PRECIPITATION DATA (IN.)

TOTAL FOR THE MONTH	5.59	
DEPARTURE FROM NORM	-1.76	
24 HOUR MAX	1.21	on 19th

SNOWFALL, ICE PELLETS (IN.)

TOTAL FOR THE MONTH	47.6	
24 HOUR MAX	8.3	on 2nd/3rd
MAX DEPTH ON GROUND	26	on 4th

PRESSURE DATA (IN.)

HIGHEST SEA-LEVEL	30.497	on 18th
LOWEST SEA-LEVEL	28.982	on 29th
AVG STATION	23.403	

WEATHER

NUMBER OF DAYS:

CLEAR (SCALE 0-3)	0
PARTLY CLOUDY (SCALE 4-7)	10
CLOUDY (SCALE 8-10)	21
WITH .01" OR MORE PRECIP	28
WITH .10" OR MORE PRECIP	14
WITH .50" OR MORE PRECIP	3
WITH 1.0" OR MORE PRECIP	1

SYMBOLS USED IN COLUMN 16

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 RED. VIS. TO 1/2 MILE OR LESS
8 = SMOKE OR HAZE
9 = BLOWING SNOW
X = TORNADO

NOTES:

4TH: DAILY RECORD LOW OF -21°F EQUALED; RECORD ORIGINALLY SET IN 1976 AND EQUALED IN 1989

5TH, 20TH: DAILY AVERAGE WIND SPEED CONTAINS 2 HOURS OF ESTIMATIONS DUE TO AN ICE CLOG IN THE PITOT

10TH: PRECIPITATION AND SNOWFALL ESTIMATED AT 1 COLLECTION DUE TO HIGH SOUTHWESTERLY WINDS CAUSING THE CAN TO UNDERCATCH PRECIPITATION AND SNOWFALL AND COMPACTION IN CAN

11TH, 15TH, 29TH: PRECIPITATION AND SNOWFALL ESTIMATED AT 1 COLLECTION DUE TO UNREALISTICALLY HIGH AMOUNT IN CAN FROM BLOWING SNOW

12TH: DAILY AVERAGE WIND SPEED CONTAINS 12 HOURS OF ESTIMATIONS DUE TO AN ICE CLOG IN THE PITOT

19TH: SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO MELTING PRIOR TO COLLECTION

19TH: DAILY RECORD HIGH OF 38°F EQUALED; RECORD ORIGINALLY SET IN 1967

30TH: PRECIPITATION AND SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO INABILITY TO COLLECT PRECIPITATION CAN (HIGH WINDS)

30TH: DAILY AVERAGE WIND SPEED CONTAINS 1 HOUR OF ESTIMATIONS DUE TO AN ICE CLOG IN PITOT

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR				
0600	1200	1800	0000	MONTH
86	76	80	83	81

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER.
THERE WERE **397** HOURS OF PREVAILING WINDS FROM THE **W**, **53%** OF THE TOTAL HOURS OF THE MONTH.