

WS FORM F-6

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

LATITUDE

44 DEGREES 16 MINUTES NORTH

LONGITUDE

71 DEGREES 18 MINUTES WEST

STATION

MOUNT WASHINGTON OBSERVATORY

MONTH

MARCH

YEAR

2025

GROUND ELEVATION (H)

6280 FT

STANDARD TIME

EASTERN

TEMPERATURE (°F)						DEGREE DAYS			PRECIPITATION (IN.)			WIND (MPH)			SUNSHINE (MINUTES)		SKY COVER (TENTHS)	WEATHER OCCUR.
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	TOTAL (EQUIV)	SNOW & ICE	SNOW/ICE ON GROUND-7AM	AVG SPEED	FASTEST	MILE	SPEED	DIR	TOTAL		
1	24	-13	6	9	-3	59	0	0.38	4.2	12	48.5	100	290 (W)	0	0	10	1269	
2	-10	-20	-15	9	-24	80	0	0.00	0.0	12	63.7	92	310 (NW)	430	63	6	1269	
3	-1	-11	-6	9	-15	71	0	T	0.2	12	43.8	65	300 (NW)	650	94	1	126	
4	26	-1	13	9	4	52	0	0.22	2.6	13	58.0	99	270 (W)	70	10	10	12469	
5	33	24	29	10	19	36	0	0.15	T	13	46.4	90	180 (S)	0	0	10	1246	
6	35	11	23	10	13	42	0	0.49	0.3	11	30.0	71	180 (S)	0	0	10	126	
7	11	-7	2	10	-8	63	0	0.15	1.5	11	83.2	138	290 (W)	0	0	10	1269	
8	2	-5	-1	11	-12	66	0	0.10	0.8	10	94.0	132	290 (W)	0	0	10	1269	
9	9	-2	4	11	-7	61	0	0.25	2.5	9	68.3	123	300 (NW)	0	0	10	1269	
10	21	9	15	11	4	50	0	0.28	2.1	10	52.1	80	270 (W)	10	1	10	1269	
11	33	19	26	11	15	39	0	0.00	0.0	10	43.9	96	260 (W)	615	86	9	1269	
12	19	4	12	12	0	53	0	T	T	10	43.1	86	300 (NW)	463	65	8	1269	
13	20	11	16	12	4	49	0	0.02	0.2	10	27.0	51	270 (W)	418	58	10	1	
14	35	20	28	12	16	37	0	0.00	0.0	10	25.8	40	280 (W)	701	97	4		
15	40	33	37	13	24	28	0	0.00	0.0	10	44.2	77	240 (SW)	605	83	8		
16	42	33	38	13	25	27	0	0.88	0.0	9	49.0	92	190 (S)	0	0	10	12	
17	37	24	31	13	18	34	0	0.70	0.6	4	27.1	66	240 (SW)	0	0	10	1246	
18	35	21	28	13	15	37	0	0.00	0.0	3	25.5	52	010 (N)	550	75	8		
19	42	29	36	14	22	29	0	0.00	0.0	3	34.3	68	180 (S)	648	88	5		
20	37	32	35	14	21	30	0	0.00	0.0	3	46.6	70	190 (S)	307	41	8	126	
21	32	9	21	14	7	44	0	0.58	4.7	4	46.8	97	330 (NW)	0	0	10	1269	
22	26	3	15	15	0	50	0	0.31	2.4	4	49.8	92	300 (NW)	431	58	9	1269	
23	18	-7	6	15	-9	59	0	0.08	0.8	5	58.5	103	320 (NW)	483	64	6	1269	
24	24	10	17	15	2	48	0	0.33	3.1	4	37.5	71	200 (S)	15	2	10	1269	
25	20	13	17	16	1	48	0	0.13	1.2	4	43.5	71	270 (W)	0	0	10	1269	
26	20	9	15	16	-1	50	0	0.28	3.9	5	24.3	50	270 (W)	140	18	10	1269	
27	13	6	10	16	-6	55	0	0.12	1.5	6	40.0	63	290 (W)	242	32	8	1269	
28	20	8	14	16	-2	51	0	0.09	1.1	6	52.3	86	280 (W)	357	47	8	1269	
29	29	19	24	17	7	41	0	0.39	4.2	7	24.9	41	240 (SW)	0	0	10	1269	
30	39	28	34	17	17	31	0	0.46	0.1	7	38.6	79	240 (SW)	0	0	10	1246	
31	44	32	38	17	21	27	0	0.43	0.0	4	55.5	92	230 (SW)	0	0	10	12	
SUM	775	341	----	----	----	1447	0	6.82	38.0	----	1426.2	----	----	7135	----	268	----	
AVG	25.0	11.0	----	----	----	----	----	----	----	----	46.0	FASTEST	DIR	POSS	32%	8.6	----	
												MISC. ->	138	290 (W)	22568			

TEMPERATURE DATA (°F)

PRECIPITATION DATA (IN.)

WEATHER

SYMBOLS USED IN COLUMN 16

AVERAGE MONTHLY

18.0

TOTAL FOR THE MONTH

6.82

NUMBER OF DAYS:

1 = FOG

DEPARTURE FROM NORMAL

5.1

DEPARTURE FROM NORMAL

0.10

2 = FOG REDUCING VISIBILITY

TO 1/4 MILE OR LESS

HIGHEST

44 on 31st

24 HOUR MAX

1.46 on 16th/17th

CLEAR (SCALE 0-3)

1

3 = THUNDER

LOWEST

-20 on 2nd

SNOWFALL, ICE PELLETS (IN.)

CLOUDY (SCALE 8-10)

26

4 = ICE PELLETS

NUMBER OF DAYS WITH:

TOTAL FOR THE MONTH

38.0

WITH .01" OR MORE PRECIP

22

5 = HAIL

MAX. 32 OR BELOW

19

24 HOUR MAX

5.3 on 26th/27th

WITH .10" OR MORE PRECIP

19

6 = GLAZE OR RIME

MAX. 90 OR ABOVE

0

MAX DEPTH ON GROUND

13 on 4th, 5th

WITH .50" OR MORE PRECIP

3

7 = BLOWING DUST OR SAND

MIN. 32 OR BELOW

29

WITH 1.0" OR MORE PRECIP

0

RED. VIS. TO 1/2 MILE OR LESS

8 = SMOKE OR HAZE

MIN. 0 OR BELOW

8

PRESSURE DATA (IN.)

9 = BLOWING SNOW

X = TORNADO

HEATING DEGREE DAYS (BASE 65°F)

HIGHEST SEA-LEVEL

30.288 on 14th

LOWEST SEA-LEVEL

29.120 on 6th

AVG STATION

23.495

TOTAL THIS MONTH

1447

NOTES:

DEPARTURE FROM NORMAL

-170

5TH: SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO MELTING PRIOR TO COLLECTION

SEASON TOTAL

10227

8TH: PRECIPITATION AND SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO RIME FALLING INTO CAN PRIOR TO COLLECTION

DEPARTURE FROM NORMAL

-531

8TH: PRECIPITATION AND SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO HIGH WINDS AND LIKELY AN UNREALISTICALLY HIGH AMOUNT IN CAN

COOLING DEGREE DAYS (BASE 65°F)

FROM BLOWING SNOW

TOTAL THIS MONTH

0

17TH: PRECIPITATION ESTIMATED AT ONE COLLECTION DUE TO SOME ACCIDENTALLY SPILLING WHILE TRANSFERRING FROM COLLECTION CAN INTO

DEPARTURE FROM NORMAL

0

MEASURING CYLINDER BY OBSERVER-IN-TRAINING

SEASON TOTAL

0

22ND: PRECIPITATION AND SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO EXCESSIVE SNOW THAT COLLECTED IN THE CAN

DEPARTURE FROM NORMAL

0

AFTER PREVIOUS COLLECTION

24TH: PRECIPITATION AND SNOWFALL ESTIMATED AT TWO COLLECTIONS DUE TO HIGH WINDS OUT OF THE SOUTH CAUSING THE CAN

TO UNDERCATCH PRECIPITATION AND SNOWFALL

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR

0600

1200

1800

0000

MONTH

80

80

84

84

82

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE

RECORDED FROM PITOT-STATIC TYPE ANEMOMETER.

THERE WERE 382 HOURS OF PREVAILING WINDS FROM THE W,

51% OF THE TOTAL HOURS OF THE MONTH.