

WS FORM F-6

STATION

MOUNT WASHINGTON OBSERVATORY

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

MONTH

JANUARY

YEAR

2026

LATITUDE

44 DEGREES 16 MINUTES NORTH

LONGITUDE

71 DEGREES 18 MINUTES WEST

GROUND ELEVATION (H)

6,280 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

% POSS

1

3

-20

-8

8

-16

73

0

0.08

1.6

18

43.0

86

290 (W)

3

1

10

1269

2

-10

-20

-15

8

-23

80

0

0.03

0.4

18

71.7

99

280 (W)

0

0

10

1269

3

-5

-12

-8

8

-16

73

0

0.12

1.1

17

78.5

115

270 (W)

0

0

10

1269

4

-4

-17

-10

8

-18

75

0

0.04

0.4

17

54.8

87

290 (W)

87

16

9

1269

5

10

-17

-3

7

-10

68

0

0.12

1.1

17

46.8

77

310 (NW)

227

41

10

1269

6

28

6

17

7

10

48

0

0.02

0.2

18

19.9

46

280 (W)

294

53

8

126

7

28

17

23

7

16

42

0

0.22

2.4

18

28.8

64

310 (NW)

87

16

10

1269

8

27

15

21

7

14

44

0

0.00

0.0

19

46.3

80

330 (NW)

324

58

8

1269

9

33

23

28

7

21

37

0

0.04

T

19

46.8

129

260 (W)

107

19

10

1246

10

29

15

22

7

15

43

0

0.06

0.4

18

53.2

117

280 (W)

343

61

9

12469

11

28

0

14

6

8

51

0

0.23

1.8

18

46.1

98

280 (W)

167

30

9

12469

12

9

-7

1

6

-5

64

0

T

T

18

74.5

118

300 (NW)

95

17

10

1269

13

22

8

15

6

9

50

0

0.02

0.3

18

40.7

84

220 (SW)

295

52

8

1269

14

26

18

22

6

16

43

0

0.07

0.7

18

42.8

82

240 (SW)

25

4

10

12469

15

25

7

16

6

10

49

0

0.26

2.0

19

26.8

55

250 (W)

0

0

10

12469

16

10

-16

-3

6

-9

68

0

0.08

0.8

19

51.8

96

300 (NW)

138

24

9

1269

17

15

1

8

6

2

57

0

0.25

2.8

19

41.0

70

240 (SW)

0

0

10

1269

18

12

6

9

5

4

56

0

0.08

1.0

19

34.4

64

260 (W)

0

0

10

1269

19

9

-5

2

5

-3

63

0

0.12

2.7

20

37.8

92

270 (W)

0

0

10

1269

20

-5

-15

-10

5

-15

75

0

0.06

1.0

18

62.0

93

280 (W)

0

0

10

1269

21

8

-14

-3

5

-8

68

0

0.07

1.1

18

51.9

86

240 (SW)

260

45

9

1269

22

12

-1

6

5

1

59

0

0.21

2.7

18

60.3

109

260 (W)

5

1

10

1269

23

-1

-22

-11

5

-16

76

0

0.19

2.7

18

51.2

107

290 (W)

0

0

10

1269

24

-17

-31

-24

5

-29

89

0

T

T

19

65.8

104

290 (W)

567

97

3

1269

25

0

-18

-9

5

-14

74

0

0.45

7.6

18

22.9

59

300 (NW)

0

0

10

126

26

6

-12

-3

5

-8

68

0

0.31

7.4

23

18.8

48

120 (SE)

25

4

10

126

27

-8

-18

-13

5

-18

78

0

T

0.2

22

44.2

83

310 (NW)

131

22

9

1269

28

-10

-16

-13

5

-18

78

0

0.01

0.2

20

37.1

69

300 (NW)

235

40

9

1269

29

-11

-23

-17

5

-22

82

0

T

0.1

20

45.1

92

290 (W)

154

26

10

1269

30

5

-24

-9

5

-14

74

0

0.01

0.3

19

42.3

82

300 (NW)

425

71

8

1269

31

10

3

7

5

2

58

0

0.00

0.0

19

15.6

29

290 (W)

600

100

1

SUM

284

-189

----

----

----

1963

0

3.15

43.0

----

1402.9

----

----

4594

----

279

----

AVG

9.2

-6.1

----

----

----

----

----

----

----

45.3

FASTEST

DIR

POSS

%

9.0

----

MISC. ->

129

260 (W)

17658

26%

9.0

----

TEMPERATURE DATA (°F)

PRECIPITATION DATA (IN.)

WEATHER

SYMBOLS USED IN COLUMN 16

AVERAGE MONTHLY

1.5

TOTAL FOR THE MONTH

3.15

NUMBER OF DAYS:

1 = FOG

DEPARTURE FROM NORMAL

-4.3

DEPARTURE FROM NORMAL

-2.59

2 = FOG REDUCING VISIBILITY

HIGHEST

33 on 9th

24 HOUR MAX

9.66 on 25th/26th

CLEAR (SCALE 0-3)

2

TO 1/4 MILE OR LESS

LOWEST

-31 on 24th

PARTLY CLOUDY (SCALE 4-7)

0

3 = THUNDER

SNOWFALL, ICE PELLETS (IN.)

CLOUDY (SCALE 8-10)

29

4 = ICE PELLETS

NUMBER OF DAYS WITH:

5 = HAIL

WITH .01" OR MORE PRECIP

25

6 = GLAZE OR RIME

MAX. 32 OR BELOW

30

24 HOUR MAX

12.2 on 25th/26th

WITH .10" OR MORE PRECIP

11

7 = BLOWING DUST OR SAND

MAX. 90 OR ABOVE

0

MAX DEPTH ON GROUND

26 on 26th

WITH .50" OR MORE PRECIP

0

RED. VIS. TO 1/2 MILE OR LESS

MIN. 32 OR BELOW

31

WITH 1.0" OR MORE PRECIP

0

8 = SMOKE OR HAZE

MIN. 0 OR BELOW

20

9 = BLOWING SNOW

X = TORNADO

HEATING DEGREE DAYS (BASE 65°F)

HIGHEST SEA-LEVEL

30.605 on 25th

LOWEST SEA-LEVEL

29.114 on 16th

TOTAL THIS MONTH

1963

AVG STATION

23.368

DEPARTURE FROM NORMAL

129

SEASON TOTAL

7550

DEPARTURE FROM NORMAL

64

COOLING DEGREE DAYS (BASE 65°F)

TOTAL THIS MONTH

0

DEPARTURE FROM NORMAL

0

SEASON TOTAL

0

DEPARTURE FROM NORMAL

0

NOTES:

2ND, 3RD, 15TH, 16TH: PRECIPITATION AND SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO UNREALISTICALLY HIGH AMOUNTS IN CAN FROM BLOWING SNOW

2ND: DAILY AVERAGE WIND SPEED CONTAINS 1 HOUR OF ESTIMATION DUE TO PUMPING THE TP LINE OF PITOT

3RD: DAILY AVERAGE WIND SPEED CONTAINS 3 HOURS OF ESTIMATIONS DUE TO ICE CLOGS AND PUMPING THE TP LINE OF PITOT

7TH: PRECIPITATION AND SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO SOUTHERLY WINDS CAUSING CAN TO UNDERCATCH SNOWFALL

12TH: DAILY AVERAGE WIND SPEED CONTAINS 2 HOURS OF ESTIMATIONS DUE TO ICE CLOGS AND PUMPING THE TP LINE OF PITOT

15TH: DAILY AVERAGE WIND SPEED CONTAINS 1 HOUR OF ESTIMATION DUE TO PITOTS VANING INCORRECTLY IN LOW WINDS

18TH, 19TH, 20TH, 29TH: PRECIPITATION AND SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO UNREALISTICALLY HIGH AMOUNTS IN CAN FROM BLOWING SNOW

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR

0600

1200

1800

0000

MONTH

90

84

87

91

88

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER.

THERE WERE 396 HOURS OF PREVAILING WINDS FROM THE W ,

53% OF THE TOTAL HOURS OF THE MONTH.