

WS FORM F-6											STATION						
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MOUNT WASHINGTON OBSERVATORY						
											MONTH			YEAR			
											APRIL			2021			
LATITUDE					LONGITUDE						GROUND ELEVATION (H)			STANDARD TIME			
44 DEGREES 16 MINUTES NORTH					71 DEGREES 18 MINUTES WEST						6280 FT			EASTERN			
TEMPERATURE (°F)						PRECIPITATION (IN.)					WIND (MPH)			SUNSHINE		SKY	WEATHER
						DEGREE DAYS		TOTAL	SNOW & ICE	SNOW/ICE ON GROUND-7AM	AVG SPEED	FASTEST MILE		(MINUTES)		COVER	OCUR.
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	(EQUIV)	ICE		SPEED	SPEED	DIR	TOTAL	% POSS	(TENTHS)	
1	37	0	19	18	1	46	0	0.61	2.1	1	30.1	65	310 (NW)	0	0	10	12469
2	8	-4	2	19	-17	63	0	0.05	1.1	1	18.8	69	320 (NW)	525	67	5	1269
3	15	0	8	19	-11	57	0	T	T	1	40.0	66	320 (NW)	783	100	3	1269
4	23	12	18	19	-1	47	0	0.00	0.0	1	42.4	106	330 (NW)	700	89	5	
5	26	15	21	20	1	44	0	0.55	4.1	1	59.3	98	330 (NW)	0	0	10	1269
6	29	19	24	20	4	41	0	0.00	0.0	2	26.8	55	360 (N)	175	22	10	1269
7	35	27	31	21	10	34	0	0.00	0.0	2	28.6	50	030 (NE)	245	31	9	126
8	42	30	36	21	15	29	0	0.00	0.0	1	10.5	27	040 (NE)	727	91	9	126
9	48	36	42	21	21	23	0	0.00	0.0	1	11.1	21	280 (W)	602	75	8	
10	48	39	44	22	22	21	0	0.00	0.0	T	12.8	34	270 (W)	470	58	8	
11	42	24	33	22	11	32	0	0.00	0.0	T	18.6	34	330 (NW)	487	60	9	12
12	32	24	28	23	5	37	0	0.02	T	T	35.4	71	090 (E)	45	6	10	126
13	37	26	32	23	9	33	0	0.00	0.0	T	20.0	49	080 (E)	75	9	9	126
14	42	31	37	23	14	28	0	0.00	0.0	T	18.0	42	310 (NW)	673	82	8	12
15	34	20	27	24	3	38	0	T	0.1	0	29.3	57	140 (SE)	35	4	10	1246
16	20	14	17	24	-7	48	0	0.75	5.0	T	53.0	80	070 (E)	0	0	10	12469
17	22	14	18	25	-7	47	0	0.14	0.9	3	22.9	54	050 (NE)	25	3	10	1269
18	26	16	21	25	-4	44	0	0.00	0.0	3	29.5	49	330 (NW)	0	0	10	126
19	33	22	28	25	3	37	0	0.10	0.4	3	23.9	44	260 (W)	176	21	9	126
20	32	20	26	26	0	39	0	0.02	0.2	4	46.4	92	270 (W)	117	14	10	126
21	32	5	19	26	-7	46	0	0.34	2.6	3	30.9	73	260 (W)	0	0	10	12469
22	9	0	5	27	-22	60	0	0.62	4.5	6	78.1	129	290 (W)	0	0	10	1269
23	23	8	16	27	-11	49	0	0.00	0.0	7	89.5	132	300 (NW)	260	31	10	1269
24	36	23	30	27	3	35	0	T	T	7	40.2	86	300 (NW)	568	67	8	
25	35	25	30	28	2	35	0	0.31	1.6	7	18.4	63	300 (NW)	30	4	10	1246
26	25	8	17	28	-11	48	0	0.26	1.3	9	61.3	96	300 (NW)	0	0	10	12469
27	32	13	23	29	-6	42	0	0.00	0.0	8	53.8	90	310 (NW)	839	98	6	1269
28	46	31	39	29	10	26	0	0.49	0.0	8	14.8	39	290 (W)	40	5	10	12
29	41	35	38	29	9	27	0	0.58	0.0	4	15.2	32	250 (W)	0	0	10	12
30	38	22	30	30	0	35	0	2.69	8.5	3	35.5	82	280 (W)	0	0	10	12469
SUM	948	555	----	----	----	1191	0	7.53	32.4	----	1015.1	----	----	7597	----	266	----
AVG	31.6	18.5	----	----	----	----	----	----	----	----	33.8	FASTEST	DIR	POSS	31%	8.9	----
											MISC. ->	132	300 (NW)	24607			----

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	25.1	TOTAL FOR THE MONTH	7.53	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	1.2	DEPARTURE FROM NORMAL	0.09	CLEAR (SCALE 0-3)	1	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	48 on 9th, 10th	24 HOUR MAX	2.69 on 30th	PARTLY CLOUDY (SCALE 4-7)	3	3 = THUNDER	
LOWEST	-4 on 2nd	SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	26	4 = ICE PELLETS	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	32.4	WITH .01" OR MORE PRECIP	15	5 = HAIL	
MAX. 32 OR BELOW	15	24 HOUR MAX	8.5 on 30th	WITH .10" OR MORE PRECIP	12	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	9 on 26th	WITH .50" OR MORE PRECIP	6	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	27			WITH 1.0" OR MORE PRECIP	1	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	4					9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.386 on 3rd				
		LOWEST SEA-LEVEL	29.202 30th				
TOTAL THIS MONTH	1191	AVG STATION	23.579				
DEPARTURE FROM NORMAL	-42						
SEASON TOTAL	11316						
DEPARTURE FROM NORMAL	-880						

NOTES:

1ST: SNOWFALL ESTIMATED AT TWO COLLECTIONS DUE TO PARTIAL MELTING FROM RAIN IN CAN

5TH: PRECIPITATION AND SNOWFALL ESTIMATED AT THREE COLLECTIONS DUE TO UNREALISTICALLY HIGH AMOUNT IN CAN DUE TO BLOWING SNOW

9TH: DAILY RECORD HIGH OF 48°F EQUALED; RECORD ORIGINALLY SET IN 1945.

12TH: AVERAGE WIND SPEED ESTIMATED FOR ONE HOUR DUE TO ICING ON RM YOUNG SLOWING DOWN PROPELLER.

17TH, 20TH: PRECIPITATION AND SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO UNREALISTICALLY LOW AMOUNT IN CAN DUE TO HIGH WINDS

25TH: SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO COMPACTING AND ENCASING BY FREEZING RAIN AND DRIZZLE

30TH: SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO PARTIAL MELTING FROM RAIN IN CAN

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR				
0600	1200	1800	0000	MONTH
92	89	91	91	91

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

THERE WERE 238 HOURS OF PREVAILING WINDS FROM THE NW, 33% OF THE TOTAL HOURS OF THE MONTH.