

WS FORM F-6										STATION									
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MOUNT WASHINGTON OBSERVATORY									
LATITUDE										MONTH		YEAR							
44 DEGREES 16 MINUTES NORTH					LONGITUDE					JANUARY				2019					
44 DEGREES 16 MINUTES NORTH					71 DEGREES 18 MINUTES WEST					GROUND ELEVATION (H)				STANDARD TIME					
										6,280 FT				EASTERN					
TEMPERATURE (°F)					PRECIPITATION (IN.)					WIND (MPH)				SUNSHINE		SKY	WEATHER		
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	TOTAL (EQUIV)	SNOW & ICE	SNOW/ICE ON GROUND-7AM	AVG SPEED	FASTEST SPEED	DIR	TOTAL (MINUTES)	% POSS	COVER (TENTHS)	WEATHER OCCUR.		
1	32	-6	13	6	7	52	0	0.39	2.6	4	70.6	123	300 (NW)	0	0	10	1269		
2	6	-6	0	6	-6	65	0	T	T	4	39.0	86	320 (NW)	533	97	4			
3	13	1	7	6	1	58	0	0.23	2.0	5	42.4	74	250 (W)	0	0	10	1269		
4	25	7	16	5	11	49	0	0.08	0.6	6	55.5	86	280 (W)	115	21	9	1269		
5	31	13	22	5	17	43	0	0.00	0.0	5	30.7	62	300 (W)	0	0	9	126		
6	14	-12	1	5	-4	64	0	0.39	4.7	5	62.7	118	310 (NW)	0	0	12	1269		
7	25	-10	8	5	3	57	0	0.00	0.0	8	46.2	113	310 (NW)	495	90	6	1269		
8	28	3	16	5	11	49	0	0.18	2.2	9	39.7	78	200 (S)	0	0	10	1269		
9	27	5	16	5	11	49	0	1.30	11.3	10	49.8	122	310 (NW)	0	0	10	1269		
10	5	-12	-3	5	-8	68	0	0.60	7.5	15	68.9	106	340 (N)	0	0	10	1269		
11	-2	-23	-12	5	-17	77	0	0.00	0.0	15	79.3	108	310 (NW)	150	27	10	1269		
12	7	-22	-7	5	-12	72	0	0.00	0.0	14	59.3	98	300 (NW)	304	54	8	126		
13	14	2	8	5	3	57	0	0.00	0.0	14	12.5	24	340 (N)	562	100	1			
14	22	8	15	5	10	50	0	0.00	0.0	14	18.5	47	310 (NW)	518	92	3			
15	13	5	9	5	4	56	0	0.00	0.0	14	38.5	59	310 (NW)	100	18	10	126		
16	11	-16	-2	5	-7	67	0	0.13	1.1	14	59.8	108	280 (W)	0	0	10	1269		
17	4	-17	-6	4	-10	71	0	0.00	0.0	14	48.2	81	310 (NW)	569	100	3	1269		
18	10	-4	3	4	-1	62	0	0.11	0.8	14	47.6	93	290 (W)	0	0	10	1269		
19	7	-6	1	4	-3	64	0	0.02	0.5	15	38.6	85	300 (NW)	60	10	10	1269		
20	25	-8	9	4	5	56	0	1.01	6.5	17	37.8	68	170 (S)	0	0	10	12469		
21	-8	-31	-19	4	-23	84	0	0.09	1.0	19	51.6	122	330 (NW)	100	17	9	1269		
22	11	-23	-6	4	-10	71	0	0.00	0.0	10	80.0	137	330 (NW)	563	97	1	129		
23	32	7	20	4	16	45	0	0.17	1.2	10	57.5	88	250 (W)	0	0	10	12469		
24	36	6	21	4	17	44	0	1.28	2.7	10	50.2	99	230 (SW)	0	0	10	12469		
25	6	-7	0	4	-4	65	0	0.12	2.1	7	59.8	101	290 (W)	0	0	10	1269		
26	-2	-10	-6	4	-10	71	0	0.01	0.3	8	35.0	59	260 (W)	0	0	10	126		
27	13	-5	4	5	-1	61	0	0.37	6.1	8	45.8	86	170 (S)	0	0	10	1269		
28	15	-11	2	5	-3	63	0	T	0.1	9	43.3	80	270 (W)	545	92	3	1269		
29	14	3	9	5	4	56	0	0.25	2.5	8	32.7	64	160 (S)	15	3	8	1269		
30	14	-23	-4	5	-9	69	0	0.55	4.6	12	40.3	86	280 (W)	175	29	9	1269		
31	-19	-28	-23	5	-28	88	0	0.00	0.0	13	70.8	100	270 (W)	0	0	10	1269		
SUM	429	-220	----	----	----	1903	0	7.28	60.4	----	1512.6	----	----	4804	----	255	----		
AVG	13.8	-7.1	----	----	----	----	----	----	----	----	48.8	FASTEST	DIR	POSS	27%	8.2	----		
											MISC. ->	137	330 (NW)	17658			----		

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	3.4	TOTAL FOR THE MONTH	7.28	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-1.3	DEPARTURE FROM NORMAL	0.84			2 = FOG REDUCING VISIBILITY	
HIGHEST	36 24th	24 HOUR MAX	1.38 9th/10th	CLEAR (SCALE 0-3)	5	TO 1/4 MILE OR LESS	
LOWEST	-31 21st			PARTLY CLOUDY (SCALE 4-7)	2	3 = THUNDER	
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	24	4 = ICE PELLETS	
NUMBER OF DAYS WITH:				WITH .01" OR MORE PRECIP	19	5 = HAIL	
MAX. 32 OR BELOW	30	TOTAL FOR THE MONTH	60.4	WITH .10" OR MORE PRECIP	15	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	24 HOUR MAX	12.2 9th/10th	WITH .50" OR MORE PRECIP	5	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	31	MAX DEPTH ON GROUND	19 21st	WITH 1.0" OR MORE PRECIP	3	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 0 OR BELOW	20					8 = SMOKE OR HAZE	
		PRESSURE DATA (IN.)				9 = BLOWING SNOW	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.669 22nd			X = TORNADO	
		LOWEST SEA-LEVEL	29.143 9th				
TOTAL THIS MONTH	1903	AVG STATION	23.424				
DEPARTURE FROM NORMAL	35						
SEASON TOTAL	7451						
DEPARTURE FROM NORMAL	-247						

COOLING DEGREE DAYS (BASE 65°F)	
TOTAL THIS MONTH	0
DEPARTURE FROM NORMAL	0
SEASON TOTAL	0
DEPARTURE FROM NORMAL	0

NOTES:

1ST: PRECIPITATION AND SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO EXCESSIVE RIME IN CAN

6TH: PRECIPITATION AND SNOWFALL ESTIMATED AT THREE COLLECTIONS DUE TO EXCESSIVE BLOWING SNOW IN CAN

21ST: PRECIPITATION CAN NOT COLLECTED AT TWO COLLECTIONS DUE TO HIGH WINDS AND LOW VISIBILITY

21ST, 22ND: PRECIPITATION CAN COLLECTED AT 1PM JAN 22ND; PRECIPITATION AND SNOWFALL ESTIMATED DUE TO EXCESSIVE BLOWING SNOW IN CAN

25TH: PRECIPITATION AND SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO BLOWING SNOW FALLING INTO CAN AND COMPACTING DUE TO HIGH WINDS

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR				
0600	1200	1800	0000	MONTH
88	85	88	87	87
(88.4)	(84.9)	(86.7)	(88.0)	(87.0)

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

THERE WERE 284 HOURS OF PREVAILING WINDS FROM THE W, 38% OF THE TOTAL HOURS OF THE MONTH.