

WS FORM F-6											STATION							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MOUNT WASHINGTON OBSERVATORY							
											MONTH				YEAR			
											MARCH				2019			
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 (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		TOTAL	% POSS			
												SPEED	DIR					
1	20	-2	9	9	0	56	0	0.00	0.0	9	26.6	42	260 (W)	682	100	3		
2	23	5	14	9	5	51	0	0.02	0.7	9	9.1	30	300 (NW)	70	10	9	126	
3	13	3	8	9	-1	57	0	0.06	0.9	10	25.8	59	290 (W)	310	45	8	1269	
4	13	-11	1	9	-8	64	0	0.33	4.5	11	31.8	83	290(W)	0	0	10	1269	
5	-3	-15	-9	10	-19	74	0	0.02	0.5	13	44.2	86	280 (W)	185	27	9	1269	
6	-11	-19	-15	10	-25	80	0	0.03	0.3	13	56.8	91	270 (W)	205	29	9	1269	
7	-10	-20	-15	10	-25	80	0	0.05	0.9	13	56.4	87	280 (W)	0	0	10	1269	
8	9	-12	-1	10	-11	66	0	0.00	0.0	12	49.5	74	300 (NW)	660	94	4	126	
9	19	0	10	11	-1	55	0	0.00	0.0	12	36.1	70	290 (W)	687	97	1		
10	25	4	15	11	4	50	0	0.35	3.7	12	47.2	94	150 (SE)	5	1	10	1269	
11	17	6	12	11	1	53	0	0.35	4.4	13	77.0	114	280 (W)	0	0	10	1269	
12	11	-1	5	11	-6	60	0	0.14	1.9	15	65.1	104	280 (W)	0	0	10	1269	
13	24	10	17	12	5	48	0	0.07	0.8	14	28.8	52	290 (W)	433	60	8	1269	
14	40	17	29	12	17	36	0	T	0.0	15	27.7	75	200 (S)	226	31	9	126	
15	41	25	33	12	21	32	0	0.04	T	10	54.1	105	250 (W)	150	21	9	126	
16	25	2	14	13	1	51	0	0.24	2.3	8	67.5	97	290 (W)	0	0	10	1269	
17	2	-6	-2	13	-15	67	0	0.07	0.5	9	61.5	110	270 (W)	35	5	10	1269	
18	3	-6	-1	13	-14	66	0	0.03	0.3	9	52.1	82	280 (W)	461	63	5	1269	
19	4	-4	0	14	-14	65	0	T	T	9	43.4	63	280 (W)	737	100	1	1269	
20	17	1	9	14	-5	56	0	0.00	0.0	9	32.1	58	270 (W)	565	76	6	126	
21	26	15	21	14	7	44	0	0.02	0.3	9	28.8	60	160 (S)	225	30	10	126	
22	24	12	18	15	3	47	0	1.09	15.4	9	38.9	79	330 (NW)	0	0	10	1269	
23	14	1	8	15	-7	57	0	0.21	3.4	13	74.4	123	310 (NW)	0	0	10	1269	
24	18	4	11	15	-4	54	0	T	0.1	13	63.2	98	290 (W)	347	46	6	1269	
25	11	-3	4	16	-12	61	0	0.15	1.7	11	56.5	86	270 (W)	639	85	5	1269	
26	4	-5	0	16	-16	65	0	0.00	0.0	10	50.0	79	320 (NW)	758	100	1	12	
27	18	4	11	16	-5	54	0	0.00	0.0	10	17.8	40	330 (N)	762	100	1		
28	28	14	21	17	4	44	0	0.03	0.3	10	45.6	76	240 (SW)	647	85	6	1269	
29	30	21	26	17	9	39	0	0.06	0.5	10	47.4	81	270 (W)	0	0	10	1269	
30	35	21	28	18	10	37	0	0.04	0.0	10	43.5	78	220 (SW)	0	0	9	126	
31	38	9	24	18	6	41	0	0.67	0.9	8	42.0	75	200 (S)	0	0	10	1269	
SUM	528	70	----	----	----	1710	0	4.07	44.3	----	1400.9	----	----	8789	----	229	----	
AVG	17.0	2.3	----	----	----	----	----	----	----	----	45.2	FASTEST	DIR	POSS				
												123	310 (NW)	22568	39%	7.4	----	
											MISC. ->						----	

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	9.6	TOTAL FOR THE MONTH	4.07	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-3.2	DEPARTURE FROM NORMAL	-3.60			2 = FOG REDUCING VISIBILITY	
HIGHEST	41 15th	24 HOUR MAX	1.20 22nd/23rd	CLEAR (SCALE 0-3)	5	TO 1/4 MILE OR LESS	
LOWEST	-20 7th			PARTLY CLOUDY (SCALE 4-7)	6	3 = THUNDER	
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	20	4 = ICE PELLETS	
NUMBER OF DAYS WITH:				WITH .01" OR MORE PRECIP	22	5 = HAIL	
MAX. 32 OR BELOW	27	TOTAL FOR THE MONTH	44.3	WITH .10" OR MORE PRECIP	9	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	24 HOUR MAX	17.0 22nd/23rd	WITH .50" OR MORE PRECIP	2	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	31	MAX DEPTH ON GROUND	15 12th/14th	WITH 1.0" OR MORE PRECIP	1	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 0 OR BELOW	13					8 = SMOKE OR HAZE	
		PRESSURE DATA (IN.)				9 = BLOWING SNOW	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.601 27th			X = TORNADO	
		LOWEST SEA-LEVEL	29.057 22nd				
TOTAL THIS MONTH	1710	AVG STATION	23.561				
DEPARTURE FROM NORMAL	93						
SEASON TOTAL	10837						
DEPARTURE FROM NORMAL	-126						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

NOTES:				
17TH: PRECIPITATION AND SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO EXCESSIVE BLSN AND RIME IN CAN				
22ND: PRECIPITATION AND SNOWFALL ESTIMATED AT 1252 SYNOPTIC DUE TO UNREASONABLY LOW AMOUNT IN CAN FROM HIGH WINDS.				
22ND: PRECIPITATION AND SNOWFALL ESTIMATED AT 0058 SYNOPTIC DUE TO UNREASONABLY HIGH AMOUNT IN CAN FROM BLOWING SNOW.				
23RD: PRECIPITATION AND SNOWFALL ESTIMATED AT TWO COLLECTIONS DUE TO UNREASONABLY HIGH AMOUNT IN CAN FROM BLOWING SNOW				
30TH: PRECIPITATION ESTIMATED AT ONE COLLECTION DUE TO EXCESSIVE RIME AND GLAZE IN CAN				

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR				
0600	1200	1800	0000	MONTH
83	83	85	85	84
(803.2)	(83.3)	(85.3)	(84.6)	(84.1)

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PIVOT-STATIC TYPE ANEMOMETER. THERE WERE 448 HOURS OF PREVAILING WINDS FROM THE W 60% OF THE TOTAL HOURS OF THE MONTH.