

WS FORM F-6											STATION								
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MOUNT WASHINGTON OBSERVATORY								
											MONTH				YEAR				
											NOVEMBER				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				
1	52	12	32	25	7	33	0	1.13	0.3	T	74.5	130	270 (W)	30	5	10	1269		
2	29	12	21	25	-4	44	0	0.00	0.0	T	23.4	51	300 (NW)	583	94	3	126		
3	20	15	18	25	-7	47	0	0.06	1.0	T	37.8	63	280 (W)	105	17	10	126		
4	24	13	19	24	-5	46	0	0.04	0.5	1	30.1	58	230 (SW)	200	32	9	126		
5	30	18	24	24	0	41	0	0.11	1.6	1	43.5	74	280 (W)	0	0	10	1269		
6	19	12	16	24	-8	49	0	0.06	0.7	2	50.5	83	270 (W)	150	25	8	126		
7	22	5	14	24	-10	51	0	0.17	1.7	2	41.4	71	260 (W)	0	0	10	1269		
8	5	0	3	23	-20	62	0	0.74	8.6	3	49.7	105	350 (N)	0	0	10	1269		
9	9	-2	4	23	-19	61	0	0.02	0.2	7	29.2	53	290 (W)	503	83	5	1269		
10	20	8	14	23	-9	51	0	T	T	3	43.5	68	280 (W)	185	31	9	1269		
11	29	17	23	22	1	42	0	0.22	1.2	3	37.4	69	180 (S)	0	0	10	12469		
12	29	-14	8	22	-14	57	0	0.21	1.4	3	57.0	101	290 (W)	0	0	10	12469		
13	2	-17	-7	22	-29	72	0	0.06	0.4	3	57.8	102	290 (W)	125	21	9	1269		
14	14	1	8	21	-13	57	0	0.09	1.0	3	36.7	79	240 (SW)	25	4	10	1269		
15	15	-6	5	21	-16	60	0	0.10	1.4	4	63.4	104	300 (NW)	0	0	10	1269		
16	20	-9	6	21	-15	59	0	T	T	3	42.4	114	330 (NW)	587	100	0	1269		
17	29	18	24	20	4	41	0	0.00	0.0	3	12.8	26	150 (SE)	540	92	5			
18	35	21	28	20	8	37	0	0.06	0.2	3	23.2	35	130 (SE)	155	27	10	1246		
19	31	25	28	20	8	37	0	0.67	7.2	4	16.5	29	360 (N)	0	0	10	1246		
20	27	20	24	19	5	41	0	0.04	0.2	8	24.3	39	360 (N)	0	0	10	126		
21	31	20	26	19	7	39	0	0.00	0.0	8	29.6	64	250 (W)	547	95	3	126		
22	32	4	18	19	-1	47	0	0.59	3.1	7	69.8	124	290 (W)	0	0	10	1269		
23	24	-1	12	18	-6	53	0	0.03	0.3	5	57.9	102	300 (NW)	555	97	4	1269		
24	29	17	23	18	5	42	0	1.30	10.3	4	28.4	90	330 (NW)	0	0	10	1269		
25	20	13	17	18	-1	48	0	0.17	1.5	7	58.5	96	290 (W)	0	0	10	1269		
26	30	20	25	17	8	40	0	0.00	0.0	6	48.7	81	280 (W)	311	55	8	1269		
27	31	21	26	17	9	39	0	0.64	6.6	5	32.4	65	130 (SE)	60	11	10	12346		
28	26	8	17	16	1	48	0	0.70	6.4	12	40.4	82	350 (N)	0	0	10	1269		
29	15	4	10	16	-6	55	0	0.00	0.0	13	67.3	101	320 (NW)	459	82	4	1269		
30	15	2	9	16	-7	56	0	0.00	0.0	6	56.2	104	320 (NW)	561	100	1			
SUM	714	257	---	---	---	1455	0	7.21	55.8	---	1284.3	---	---	5681	---	238	---		
AVG	23.8	8.6	---	---	---	---	---	---	---	---	42.8	FASTEST	DIR	POSS	---	---	---		
											MISC. ->	130	270 (W)	17696	32%	7.9	---		
<u>TEMPERATURE DATA (°F)</u>						<u>PRECIPITATION DATA (IN.)</u>					<u>WEATHER</u>				<u>SYMBOLS USED IN COLUMN 16</u>				
AVERAGE MONTHLY						TOTAL FOR THE MONTH					NUMBER OF DAYS:				1 = FOG				
DEPARTURE FROM NORMAL						DEPARTURE FROM NORMAL					PARTLY CLOUDY (SCALE 4-7)				2 = FOG REDUCING VISIBILITY				
HIGHEST						24 HOUR MAX					CLOUDY (SCALE 8-10)				TO 1/4 MILE OR LESS				
LOWEST						SNOWFALL, ICE PELLETS (IN.)					WITH .01" OR MORE PRECIP				3 = THUNDER				
NUMBER OF DAYS WITH:						TOTAL FOR THE MONTH					WITH .10" OR MORE PRECIP				4 = ICE PELLETS				
MAX. 32 OR BELOW						24 HOUR MAX					WITH .50" OR MORE PRECIP				5 = HAIL				
MAX. 90 OR ABOVE						MAX DEPTH ON GROUND					WITH 1.0" OR MORE PRECIP				6 = GLAZE OR RIME				
MIN. 32 OR BELOW						<u>PRESSURE DATA (IN.)</u>									7 = BLOWING DUST OR SAND				
MIN. 0 OR BELOW						HIGHEST SEA-LEVEL									8 = SMOKE OR HAZE				
HEATING DEGREE DAYS (BASE 65°F)						LOWEST SEA-LEVEL									9 = BLOWING SNOW				
TOTAL THIS MONTH						AVG STATION									X = TORNADO				
DEPARTURE FROM NORMAL																			
SEASON TOTAL																			
DEPARTURE FROM NORMAL																			
COOLING DEGREE DAYS (BASE 65°F)																			
TOTAL THIS MONTH																			
DEPARTURE FROM NORMAL																			
SEASON TOTAL																			
DEPARTURE FROM NORMAL																			
NOTES:											GREATEST SINGLE MEASUREMENT SNOW DEPTH OF 13.8 INCHES OCCURRED AT 12Z ON THE 28TH.								
											1ST: NEW DAILY RECORD HIGH OF 52°F; PREVIOUS RECORD OF 51°F ORIGINALLY SET IN 1956.								
											1ST: MONTHLY RECORD HIGH OF 52°F EQUALED; RECORD ORIGINALLY SET ON NOVEMBER 4TH, 1982.								
											12TH: NEW DAILY RECORD LOW OF -14°F; PREVIOUS RECORD OF -7°F ORIGINALLY SET IN 1990.								
											13TH: NEW DAILY RECORD LOW OF -17°F; PREVIOUS RECORD OF -16°F ORIGINALLY SET IN 1986.								
											13TH: DAILY AVERAGE WIND SPEED CONTAINS 1 HOUR OF ESTIMATED SPEED DUE TO ICE CLOG IN TP LINE OF PITOT								
											14TH, 25TH: PRECIPITATION AND SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO EXCESSIVE BLOWING SNOW IN CAN								
											19TH, 27TH: DAILY AVERAGE WIND SPEED ESTIMATED FOR 2 HOURS DUE TO PITOT BEING VANED INCORRECTLY IN LOW WINDS								
											20TH, 24TH: DAILY AVERAGE WIND SPEED ESTIMATED FOR 1 HOUR DUE TO PITOT BEING VANED INCORRECTLY IN LOW WINDS								
AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR											NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER.								
0600 1200 1800 0000 MONTH											THERE WERE 304 HOURS OF PREVAILING WINDS FROM THE W, 42% OF THE TOTAL HOURS OF THE MONTH.								
86 86 85 82 85																			