

WS FORM F-6	STATION																	
PRELIMINARY LOCAL CLIMATOLOGICAL DATA												MOUNT WASHINGTON OBSERVATORY						
												MONTH			YEAR			
												DECEMBER			2020			
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	43	19	31	15	16	34	0	0.25	0.4	1	43.5	89	160 (S)	0	0	10	1246	
2	19	7	13	15	-2	52	0	0.14	1.2	T	33.3	79	280 (W)	47	8	10	1269	
3	22	6	14	14	0	51	0	0.06	0.3	2	54.3	100	290 (W)	491	88	6	126	
4	21	17	19	14	5	46	0	0.15	1.1	2	43.8	73	260 (W)	0	0	10	1269	
5	20	11	16	14	2	49	0	1.79	11.2	2	36.8	93	350 (N)	0	0	10	1269	
6	11	-1	5	13	-8	60	0	1.46	10.4	11	70.1	104	280 (W)	0	0	10	1269	
7	25	1	13	13	0	52	0	T	T	10	24.6	82	310 (NW)	551	100	4	1269	
8	19	12	16	13	3	49	0	T	T	10	20.6	46	320 (NW)	457	83	5	126	
9	15	10	13	12	1	52	0	0.01	0.5	10	24.9	50	320 (NW)	35	6	10	126	
10	18	10	14	12	2	51	0	0.24	1.6	11	52.7	86	290 (W)	0	0	10	1269	
11	28	18	23	11	12	42	0	0.00	0.0	10	44.1	69	270 (W)	0	0	10	126	
12	32	24	28	11	17	37	0	0.05	0.1	10	31.0	58	170 (S)	0	0	10	1246	
13	34	14	24	11	13	41	0	0.09	0.3	8	51.0	78	270 (W)	0	0	10	1246	
14	23	5	14	10	4	51	0	0.03	0.7	8	38.6	102	290 (W)	0	0	10	1269	
15	5	-16	-5	10	-15	70	0	0.01	0.2	9	71.0	111	290 (W)	0	0	10	1269	
16	14	-8	3	10	-7	62	0	T	T	8	24.0	72	310 (NW)	182	33	9		
17	12	1	7	9	-2	58	0	0.19	2.2	9	26.8	47	080 (E)	0	0	10	126	
18	15	8	12	9	3	53	0	T	T	10	25.0	37	040 (NE)	543	100	1	126	
19	20	15	18	9	9	47	0	0.00	0.0	10	17.0	29	250 (W)	535	98	6		
20	21	12	17	9	8	48	0	0.02	0.4	10	30.9	59	220 (SW)	0	0	10	1269	
21	21	13	17	8	9	48	0	0.01	0.2	10	18.6	51	260 (W)	250	46	8	126	
22	15	5	10	8	2	55	0	0.27	3.1	10	51.9	101	280 (W)	0	0	10	1269	
23	27	-2	13	8	5	52	0	0.04	0.6	11	49.6	92	290 (W)	453	83	5	1269	
24	35	17	26	8	18	39	0	0.26	0.1	11	55.3	93	170 (S)	0	0	10	1269	
25	42	21	32	7	25	33	0	1.39	0.5	8	57.0	109	170 (S)	0	0	10	1246	
26	21	2	12	7	5	53	0	0.07	1.1	2	49.3	89	280 (W)	0	0	10	1269	
27	18	1	10	7	3	55	0	0.06	0.9	3	45.6	84	290 (W)	40	7	10	1269	
28	21	13	17	7	10	48	0	0.06	1.0	3	49.6	83	260 (W)	0	0	10	1269	
29	13	-11	1	6	-5	64	0	0.29	2.4	4	71.5	108	300 (NW)	0	0	10	1269	
30	23	0	12	6	6	53	0	0.15	0.9	4	50.8	93	250 (W)	25	5	10	1269	
31	25	4	15	6	9	50	0	0.38	3.4	6	60.4	95	280 (W)	0	0	10	1269	
SUM	678	228	----	----	----	1555	0	7.47	44.8	----	1323.6	----	----	3609	----	274	----	
AVG	21.9	7.4	----	----	----	----	----	----	----	----	42.7	FASTEST	DIR	POSS	21%	8.8	----	
											MISC. ->	111	W	16968				

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	14.6	TOTAL FOR THE MONTH	7.47	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	4.5	DEPARTURE FROM NORMAL	-0.26			2 = FOG REDUCING VISIBILITY	
HIGHEST	43 on 1st	24 HOUR MAX	2.90 on 5th/6th	CLEAR (SCALE 0-3)	1	TO 1/4 MILE OR LESS	
LOWEST	-16 on 15th			PARTLY CLOUDY (SCALE 4-7)	5	3 = THUNDER	
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	25	4 = ICE PELLETS	
NUMBER OF DAYS WITH:						5 = HAIL	
		TOTAL FOR THE MONTH	44.8	WITH .01" OR MORE PRECIP	25	6 = GLAZE OR RIME	
MAX. 32 OR BELOW	27	24 HOUR MAX	19.2 on 5th/6th	WITH .10" OR MORE PRECIP	13	7 = BLOWING DUST OR SAND	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	11.0 on 6th, 10th, 23rd, 24th	WITH .50" OR MORE PRECIP	3	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	31			WITH 1.0" OR MORE PRECIP	3	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	6	PRESSURE DATA (IN.)				9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.596 on 30th				
		LOWEST SEA-LEVEL	29.407 on 26th				
TOTAL THIS MONTH	1555	AVG STATION	23.531				
DEPARTURE FROM NORMAL	-148						
SEASON TOTAL	5245						
DEPARTURE FROM NORMAL	-585						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR				
0600	1200	1800	0000	MONTH
79	85	88	77	82

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 312 HOURS OF PREVAILING WINDS FROM THE W, 42% OF THE TOTAL HOURS OF THE MONTH.