

WS FORM F-6										STATION														
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MOUNT WASHINGTON OBSERVATORY														
LATITUDE										MONTH														
44 DEGREES 16 MINUTES NORTH					LONGITUDE					71 DEGREES 18 MINUTES WEST					JANUARY					YEAR				
GROUND ELEVATION (H)										STANDARD TIME														
6,280 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 SPEED	DIR	TOTAL	% POSS									
1	14	7	11	6	5	54	0	0.30	3.6	11	63.4	95	290 (W)	0	0	10	1269							
2	23	6	15	6	9	50	0	0.03	0.4	11	60.9	86	270 (W)	195	36	9	1269							
3	27	17	22	6	16	43	0	0.00	0.0	11	51.5	75	270 (W)	0	0	10	1269							
4	26	18	22	5	17	43	0	0.28	2.6	11	23.0	60	280 (W)	0	0	10	1269							
5	18	-1	9	5	4	56	0	0.31	2.3	14	54.6	85	300 (NW)	0	0	10	1269							
6	10	3	7	5	2	58	0	0.20	2.2	14	32.8	71	270 (W)	85	15	9	1269							
7	16	1	9	5	4	56	0	0.17	1.6	15	41.8	90	280 (W)	155	28	9	1269							
8	13	-8	3	5	-2	62	0	0.52	5.2	16	43.5	95	290 (W)	0	0	10	1269							
9	15	-14	1	5	-4	64	0	0.04	0.4	17	50.1	114	310 (NW)	500	90	3	1269							
10	30	12	21	5	16	44	0	0.22	1.3	17	63.0	102	260 (W)	0	0	10	12469							
11	42	29	36	5	31	29	0	0.32	0.0	15	68.8	119	230 (SW)	0	0	10	126							
12	45	8	27	5	22	38	0	0.84	0.4	6	58.4	104	260 (W)	0	0	10	1246							
13	22	14	18	5	13	47	0	0.04	0.8	3	49.5	81	240 (SW)	75	13	10	126							
14	20	10	15	5	10	50	0	0.03	0.7	3	31.8	69	280 (W)	530	94	4	126							
15	20	11	16	5	11	49	0	0.25	1.9	3	49.3	74	290 (W)	0	0	10	1269							
16	18	-11	4	5	-1	61	0	0.48	6.1	5	43.8	117	330 (NW)	0	0	10	1269							
17	4	-18	-7	4	-11	72	0	0.03	0.4	5	75.0	110	320 (NW)	569	100	0	1269							
18	13	0	7	4	3	58	0	0.14	1.6	4	39.3	85	320 (NW)	5	1	10	1269							
19	14	-10	2	4	-2	63	0	0.34	3.1	5	49.3	81	290 (W)	0	0	10	1269							
20	-1	-9	-5	4	-9	70	0	0.04	0.3	6	50.9	80	360 (N)	575	100	3	1269							
21	10	-8	1	4	-3	64	0	0.00	0.0	5	38.2	72	300 (NW)	507	88	6	126							
22	18	1	10	4	6	55	0	0.06	0.4	5	44.0	59	290 (W)	563	97	4	126							
23	29	17	23	4	19	42	0	0.00	0.0	5	38.8	64	290 (W)	303	52	8								
24	31	27	29	4	25	36	0	0.00	0.0	5	13.6	25	220 (SW)	190	33	9								
25	30	16	23	4	19	42	0	0.58	5.0	5	44.5	85	130 (SE)	170	29	10	12469							
26	27	13	20	4	16	45	0	0.16	1.3	8	37.9	79	280 (W)	226	38	8	1269							
27	17	11	14	5	9	51	0	0.23	2.8	8	48.5	76	280 (W)	0	0	10	1269							
28	12	4	8	5	3	57	0	0.03	0.5	8	32.3	63	290 (W)	285	48	9	1269							
29	12	1	7	5	2	58	0	0.00	0.0	8	35.7	67	330 (NW)	595	100	0								
30	18	8	13	5	8	52	0	0.00	0.0	8	19.0	50	360 (N)	597	100	4								
31	19	11	15	5	10	50	0	T	T	8	22.8	44	260 (W)	526	88	5	126							
SUM	612	166	----	----	----	1619	0	5.64	44.9	----	1376.0	----	----	6651	----	240	----							
AVG	19.7	5.4	----	----	----	----	----	----	----	----	44.4	FASTEST	DIR	POSS	%	7.7	----							
											MISC. ->	119	230 (SW)	17658	38%		----							

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	12.5	TOTAL FOR THE MONTH	5.64	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	7.8	DEPARTURE FROM NORMAL	-0.80			2 = FOG REDUCING VISIBILITY	
HIGHEST	45 on 12th	24 HOUR MAX	0.85 on 11th/12th	CLEAR (SCALE 0-3)	4	TO 1/4 MILE OR LESS	
LOWEST	-18 on 17th			PARTLY CLOUDY (SCALE 4-7)	5		
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	22		
NUMBER OF DAYS WITH:						4 = ICE PELLETS	
		TOTAL FOR THE MONTH	44.9	WITH .01" OR MORE PRECIP	24	5 = HAIL	
MAX. 32 OR BELOW	29	24 HOUR MAX	6.1 on 16th	WITH .10" OR MORE PRECIP	16	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	17 on 9th, 10th	WITH .50" OR MORE PRECIP	3	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	31			WITH 1.0" OR MORE PRECIP	0	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 0 OR BELOW	9	PRESSURE DATA (IN.)				8 = SMOKE OR HAZE	
						9 = BLOWING SNOW	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.768 on 9th			X = TORNADO	
		LOWEST SEA-LEVEL	29.399 on 1st				
TOTAL THIS MONTH	1619	AVG STATION	23.577				
DEPARTURE FROM NORMAL	-249						
SEASON TOTAL	7216						
DEPARTURE FROM NORMAL	-482						

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

NOTES:

4TH, 5TH, 17TH: PRECIPITATION AND SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO UNREASONABLY HIGH AMOUNT IN CAN FROM BLOWING SNOW

9TH, 16TH, 18TH, 21ST, 26TH: DAILY AVERAGE WIND SPEED ESTIMATED FOR 1 HOUR DUE TO PITOT BEING VANED INCORRECTLY

11TH: NEW DAILY RECORD HIGH OF 42°F; PREVIOUS RECORD OF 40°F ORIGINALLY SET IN 2014

12TH: DAILY RECORD HIGH OF 45°F EQUALED; RECORD ORIGINALLY SET IN 2018.

16TH: PRECIPITATION AND SNOWFALL ESTIMATED AT TWO COLLECTIONS DUE TO UNREASONABLY HIGH AMOUNT IN CAN FROM BLOWING SNOW

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR				
0600	1200	1800	0000	MONTH
77	79	82	83	80

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 369 HOURS OF PREVAILING WINDS FROM THE W, 50% OF THE TOTAL HOURS OF THE MONTH.