

WS FORM F-6										STATION									
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MOUNT WASHINGTON OBSERVATORY									
										MONTH				YEAR					
										APRIL				2022					
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.
										TOTAL	SNOW & ICE	SNOW/ICE ON GROUND-7AM	AVG SPEED	FASTEST MILE		TOTAL	% POSS		
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	(EQUIV)	ICE				SPEED	DIR					
1	38	9	24	18	6	41	0	0.40	2.7	1	54.0	124	290 (W)	0	0	10	1269		
2	26	6	16	18	-2	49	0	0.06	0.6	2	64.6	125	300 (NW)	364	47	8	1269		
3	28	13	21	19	2	44	0	0.13	1.8	2	12.8	30	250 (W)	0	0	10	126		
4	19	11	15	19	-4	50	0	0.11	1.5	5	39.2	69	330 (NW)	426	54	8	1269		
5	25	13	19	19	0	46	0	0.00	0.0	4	33.8	53	300 (NW)	728	92	8	1		
6	32	24	28	20	8	37	0	0.00	0.0	4	7.8	20	130 (SE)	763	96	6			
7	27	15	21	20	1	44	0	0.31	1.9	4	41.5	94	130 (SE)	15	2	10	12469		
8	34	15	25	20	5	40	0	0.28	1.2	5	44.7	93	120 (SE)	105	13	10	12469		
9	27	17	22	21	1	43	0	0.49	4.2	5	32.0	69	310 (NW)	0	0	10	1269		
10	22	15	19	21	-2	46	0	0.60	4.1	7	47.5	82	300 (NW)	0	0	10	1269		
11	33	14	24	22	2	41	0	0.08	0.5	9	36.8	86	330 (NW)	740	92	6	1269		
12	34	25	30	22	8	35	0	0.19	0.4	9	45.7	80	280 (W)	175	22	10	12469		
13	38	24	31	23	8	34	0	0.24	0.3	9	36.9	82	250 (W)	91	11	10	1246		
14	44	26	35	23	12	30	0	0.51	0.0	6	31.2	60	260 (W)	40	5	10	126		
15	31	20	26	23	3	39	0	0.02	0.2	3	43.3	82	250 (W)	690	84	8	126		
16	29	16	23	24	-1	42	0	0.44	3.5	3	41.1	81	240 (SW)	12	1	10	1269		
17	16	10	13	24	-11	52	0	0.39	4.4	5	46.8	93	300 (NW)	0	0	10	1269		
18	28	11	20	25	-5	45	0	0.02	0.1	6	36.1	88	130 (SE)	750	90	5	1269		
19	32	15	24	25	-1	41	0	1.21	2.9	7	63.5	142	120 (SE)	0	0	10	12469		
20	25	13	19	26	-7	46	0	0.13	1.2	6	59.8	101	290 (W)	0	0	10	1269		
21	29	20	25	26	-1	40	0	0.02	0.4	6	36.7	91	280 (W)	485	58	9	12469		
22	28	15	22	27	-5	43	0	0.42	2.3	6	60.0	91	290 (W)	25	3	10	1269		
23	27	15	21	27	-6	44	0	0.00	0.0	7	42.5	77	320 (NW)	768	91	9	1		
24	41	24	33	27	6	32	0	0.00	0.0	6	19.2	40	300 (NW)	643	76	10			
25	52	39	46	28	18	19	0	0.00	0.0	6	18.4	60	210 (SW)	746	88	10	12		
26	42	32	37	28	9	28	0	0.32	0.3	3	33.5	72	260 (W)	10	1	10	124		
27	33	11	22	29	-7	43	0	0.87	9.7	3	34.4	95	340 (W)	0	0	10	1269		
28	15	9	12	29	-17	53	0	0.09	1.1	8	53.9	84	320 (NW)	216	25	10	1269		
29	17	5	11	30	-19	54	0	0.05	0.4	7	44.3	83	320 (NW)	125	15	10	1269		
30	25	15	20	30	-10	45	0	0.02	0.2	7	27.6	62	360 (N)	100	12	10	126		
SUM	897	497	----	----	----	1246	0	7.40	45.9	----	1189.6	----	----	8017	----	277	----	----	
AVG	29.9	16.6	----	----	----	----	----	----	----	----	39.7	FASTEST	DIR	POSS	33%	9.2	----	----	
											MISC. ->	142	120 (SE)	24607					

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	23.2	TOTAL FOR THE MONTH	7.40	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-0.5	DEPARTURE FROM NORMAL	0.09	CLEAR (SCALE 0-3)	0	2 = FOG REDUCING VISIBILITY	
HIGHEST	52 on 25th	24 HOUR MAX	1.21 on 19th	PARTLY CLOUDY (SCALE 4-7)	3	TO 1/4 MILE OR LESS	
LOWEST	5 on 29th	SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	27	3 = THUNDER	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	45.9	WITH .01" OR MORE PRECIP	25	4 = ICE PELLETS	
MAX. 32 OR BELOW	20	24 HOUR MAX	9.7 on 27th	WITH .10" OR MORE PRECIP	17	5 = HAIL	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	9 on 11, 12, 13th	WITH .50" OR MORE PRECIP	4	6 = GLAZE OR RIME	
MIN. 32 OR BELOW	29			WITH 1.0" OR MORE PRECIP	1	7 = BLOWING DUST OR SAND	
MIN. 0 OR BELOW	0	PRESSURE DATA (IN.)				8 = SMOKE OR HAZE	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.671 on 21st			9 = BLOWING SNOW	
TOTAL THIS MONTH	1246	LOWEST SEA-LEVEL	29.406 on 1st			X = TORNADO	
DEPARTURE FROM NORMAL	7	AVG STATION	23.649				
SEASON TOTAL	11614						
DEPARTURE FROM NORMAL	-383						
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
83	88	85	86	86

  

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 271 HOURS OF PREVAILING WINDS FROM THE NW 38% OF THE TOTAL HOURS OF THE MONTH.