

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH MARCH				YEAR 2022			
LATITUDE 44 DEGREES 16 MINUTES NORTH						LONGITUDE 71 DEGREES 18 MINUTES WEST					GROUND ELEVATION (H) 6280 FT			STANDARD TIME EASTERN				
TEMPERATURE (°F)						PRECIPITATION (IN.)					WIND (MPH)			SUNSHINE (MINUTES)		SKY COVER (TENTHS)	WEATHER	
DAY	MAX	MIN	AVG	NORM	DEPART	DEGREE DAYS HEAT	COOL	TOTAL (EQUIV)	SNOW & ICE	SNOW/ICE ON GROUND-TAM	AVG SPEED	FASTEST SPEED	DIR	TOTAL	% POSS	COVER	WEATHER	
1	15	-4	6	9	-3	59	0	0.43	4.9	6	38.2	76	220 (SW)	120	18	10	1269	
2	15	0	8	9	-1	57	0	0.12	1.7	7	52.6	84	290 (W)	165	24	10	1269	
3	7	-18	-5	9	-14	70	0	0.21	3.7	9	57.4	93	300 (NW)	0	0	10	1269	
4	-2	-18	-10	9	-19	75	0	0.01	0.3	6	54.3	86	310 (NW)	588	85	6	1269	
5	22	-3	10	10	0	55	0	0.01	0.3	6	42.4	75	290 (W)	460	66	8	126	
6	39	18	29	10	19	36	0	0.29	T	6	64.8	129	260 (W)	190	27	9	1246	
7	37	18	28	10	18	37	0	0.46	1.1	4	64.1	131	270 (W)	10	1	10	1234569	
8	18	1	10	11	-1	55	0	0.17	2.5	4	72.2	120	300 (NW)	155	22	9	1269	
9	16	4	10	11	-1	55	0	0.01	0.1	5	31.9	52	260 (W)	10	1	10	126	
10	16	10	13	11	2	52	0	0.00	0.0	5	44.1	71	290 (W)	490	69	9	1269	
11	20	11	16	11	5	49	0	T	T	5	31.5	53	290 (W)	5	1	10	1269	
12	27	-5	11	12	-1	54	0	1.13	10.4	5	43.1	98	300 (NW)	0	0	10	12469	
13	-1	-9	-5	12	-17	70	0	0.29	2.6	10	68.4	111	310 (NW)	0	0	10	1269	
14	18	-1	9	12	-3	56	0	0.01	0.1	9	53.8	79	270 (W)	145	20	10	1269	
15	21	17	19	13	6	46	0	0.24	2.5	9	30.5	76	270 (W)	290	40	10	1269	
16	28	17	23	13	10	42	0	0.03	0.3	11	33.8	64	290 (W)	605	83	5	1269	
17	36	28	32	13	19	33	0	0.00	0.0	11	34.9	61	240 (SW)	684	94	8	126	
18	36	31	34	13	21	31	0	T	T	8	32.7	57	280 (W)	20	3	10	124	
19	39	26	33	14	19	32	0	0.37	T	7	33.9	66	170 (S)	0	0	10	1236	
20	34	15	25	14	11	40	0	0.32	1.2	4	44.8	97	320 (NW)	0	0	10	12469	
21	16	7	12	14	-2	53	0	0.09	0.9	5	61.3	106	330 (NW)	0	0	10	1269	
22	8	3	6	15	-9	59	0	0.06	1.1	5	68.3	114	300 (NW)	0	0	10	1269	
23	24	7	16	15	1	49	0	0.00	0.0	5	15.6	48	320 (NW)	732	98	6		
24	38	14	26	15	11	39	0	0.09	0.7	5	33.2	64	170 (S)	0	0	10	1246	
25	38	21	30	16	14	35	0	0.77	0.7	4	32.8	71	280 (W)	35	5	10	1269	
26	21	16	19	16	3	46	0	0.09	0.6	4	32.0	65	280 (W)	10	1	10	126	
27	19	-2	9	16	-7	56	0	0.64	5.0	4	34.9	56	280 (W)	0	0	10	1269	
28	-2	-13	-7	16	-23	72	0	0.02	0.2	8	30.0	57	310 (NW)	620	81	10	1269	
29	1	-12	-5	17	-22	70	0	0.08	0.8	7	62.4	99	290 (W)	65	8	10	1269	
30	30	-3	14	17	-3	51	0	0.06	0.3	6	41.1	96	320 (NW)	680	88	8	1269	
31	44	23	34	17	17	31	0	0.59	0.1	5	47.7	92	250 (W)	90	12	10	126	
SUM	678	199	----	----	----	1565	0	6.59	42.1	----	1388.7	----	----	6169	----	288	----	
AVG	21.9	6.4	----	----	----	----	----	----	----	----	44.8	FASTEST MISC. ->	DIR 270 (W)	POSS 22568	27%	9.3	----	

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	14.1	TOTAL FOR THE MONTH	6.59	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	1.2	DEPARTURE FROM NORMAL	-0.13			2 = FOG REDUCING VISIBILITY	
HIGHEST	44 on 31st	24 HOUR MAX	1.40 on 12th, 13th	CLEAR (SCALE 0-3)	0	TO 1/4 MILE OR LESS	
LOWEST	-18 on 3rd, 4th			PARTLY CLOUDY (SCALE 4-7)	3	3 = THUNDER	
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	28	4 = ICE PELLETS	
NUMBER OF DAYS WITH:						5 = HAIL	
		TOTAL FOR THE MONTH	42.1	WITH .01" OR MORE PRECIP	26	6 = GLAZE OR RIME	
MAX. 32 OR BELOW	22	24 HOUR MAX	12.8 on 12th, 13th	WITH .10" OR MORE PRECIP	14	7 = BLOWING DUST OR SAND	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	11 on 16th, 17th	WITH .50" OR MORE PRECIP	4	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	31			WITH 1.0" OR MORE PRECIP	1	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	12					9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.551 on 5th				
		LOWEST SEA-LEVEL	29.005 on 12th				
TOTAL THIS MONTH	1565	AVG STATION	23.519				
DEPARTURE FROM NORMAL	-52						
SEASON TOTAL	10369						
DEPARTURE FROM NORMAL	-389						
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	
94	90	90	95	93	
(93.8)	(90.4)	(90.4)	(95.4)	(92.5)	

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 380 HOURS OF PREVAILING WINDS FROM THE W, 51% OF THE TOTAL HOURS OF THE MONTH.