

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH MARCH				YEAR 2023			
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 OCCUR.
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	25	5	15	9	6	50	0	0.12	0.9	34	41.8	82	300 (NW)	350	51	9	1269	
2	23	9	16	9	7	49	0	0.26	2.8	30	37.3	87	310 (NW)	0	0	10	1269	
3	16	5	11	9	2	54	0	0.06	0.8	30	32.9	77	310 (NW)	677	98	5	1269	
4	13	6	10	9	1	55	0	0.97	9.5	30	34.3	66	100 (E)	0	0	10	1269	
5	13	7	10	10	0	55	0	0.02	0.3	32	45.5	121	340 (N)	445	64	9	1269	
6	11	4	8	10	-2	57	0	T	T	23	74.6	120	330 (NW)	570	82	8	1269	
7	17	2	10	10	0	55	0	0.08	1.4	20	30.6	75	350 (N)	5	1	10	1269	
8	22	9	16	11	5	49	0	0.02	0.3	21	41.3	78	360 (N)	0	0	10	1269	
9	18	12	15	11	4	50	0	0.00	0.0	20	29.4	57	360 (N)	145	21	10	126	
10	25	11	18	11	7	47	0	0.00	0.0	20	11.4	40	340 (N)	684	96	5	12	
11	19	10	15	11	4	50	0	0.00	0.0	19	15.7	37	020 (N)	191	27	10	126	
12	25	10	18	12	6	47	0	0.00	0.0	19	8.7	30	150 (SE)	683	95	4	1	
13	16	13	15	12	3	50	0	0.09	1.0	18	32.8	54	150 (SE)	10	1	10	1269	
14	16	9	13	12	1	52	0	0.92	7.6	20	55.5	88	020 (N)	0	0	10	1269	
15	14	8	11	13	-2	54	0	0.46	5.5	22	51.3	107	340 (N)	0	0	10	1269	
16	20	11	16	13	3	49	0	0.01	0.2	21	62.2	105	330 (NW)	185	25	10	1269	
17	28	20	24	13	11	41	0	0.02	0.4	20	40.1	74	250 (W)	40	5	10	12469	
18	28	8	18	13	5	47	0	0.01	0.2	20	34.3	71	280 (W)	502	68	6	12469	
19	9	-7	1	14	-13	64	0	0.11	1.9	21	66.5	111	280 (W)	50	7	10	1269	
20	14	-3	6	14	-8	59	0	0.02	0.3	20	59.8	103	290 (W)	470	64	8	1269	
21	21	10	16	14	2	49	0	T	T	20	52.8	78	310 (NW)	115	15	9	1269	
22	26	12	19	15	4	46	0	0.00	0.0	20	34.8	64	320 (NW)	576	77	8	126	
23	33	19	26	15	11	39	0	0.42	1.6	19	49.0	104	290 (W)	0	0	10	12469	
24	20	12	16	15	1	49	0	0.08	0.3	18	53.8	92	270 (W)	108	14	10	1269	
25	25	13	19	16	3	46	0	0.65	3.5	18	35.8	82	140 (SE)	116	15	10	1269	
26	23	14	19	16	3	46	0	0.25	2.1	19	63.1	104	290 (W)	0	0	10	1269	
27	21	13	17	16	1	48	0	0.04	0.6	19	33.5	92	300 (NW)	360	47	9	1269	
28	17	8	13	16	-3	52	0	0.06	0.9	20	29.4	61	300 (NW)	0	0	10	1269	
29	21	8	15	17	-2	50	0	0.02	0.2	19	28.4	61	320 (NW)	744	97	5	1269	
30	15	-6	5	17	-12	60	0	0.13	1.2	20	71.7	108	290 (W)	90	12	10	1269	
31																		
SUM	594	252	----	----	----	1519	0	4.82	43.5	----	1258.3	----	----	7116	----	265	----	
AVG	19.8	8.4	----	----	----	----	----	----	----	----	41.9	FASTEST MISC. ->	DIR 121	POSS 22568	32%	8.8	----	

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	14.1	TOTAL FOR THE MONTH	4.82	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	1.2	DEPARTURE FROM NORMAL	-1.90	CLEAR (SCALE 0-3)	0	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	33	24 HOUR MAX		PARTLY CLOUDY (SCALE 4-7)	5	3 = THUNDER	
LOWEST	-7	SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	25	4 = ICE PELLETS	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	43.5	WITH .01" OR MORE PRECIP	23	5 = HAIL	
MAX. 32 OR BELOW	29	24 HOUR MAX		WITH .10" OR MORE PRECIP	10	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND		WITH .50" OR MORE PRECIP	3	7 = BLOWING DUST OR SAND RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	30			WITH 1.0" OR MORE PRECIP	0	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	3					9 = BLOWING SNOW	
						X = TORNADO	

HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	
TOTAL THIS MONTH	1519	LOWEST SEA-LEVEL	
DEPARTURE FROM NORMAL	-98	AVG STATION	
SEASON TOTAL			
DEPARTURE FROM NORMAL	-10758		

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
				93

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