

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY						
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH MARCH			YEAR 2021			
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	HEAT	COOL	TOTAL (EQUIV)	SNOW & ICE	SNOW/ICE ON GROUND-7AM	AVG SPEED	FASTEST MILE SPEED	DIR	TOTAL	% POSS		
1	28	-15	7	9	-2	58	0	0.45	2.7	13	59.9	110	290 (W)	0	0	10	1269
2	-8	-28	-18	9	-27	83	0	0.05	0.4	14	85.7	131	300 (NW)	50	7	10	1269
3	10	-10	0	9	-9	65	0	0.10	1.2	12	64.1	97	290 (W)	0	0	10	1269
4	3	-12	-4	9	-13	69	0	0.03	0.7	12	67.4	92	310 (NW)	170	25	10	1269
5	-6	-17	-11	10	-21	76	0	0.07	0.7	11	76.1	106	300 (NW)	20	3	10	1269
6	2	-15	-6	10	-16	71	0	T	T	11	38.7	87	310 (NW)	575	82	5	1269
7	9	-7	1	10	-9	64	0	0.00	0.0	11	19.8	40	320 (NW)	686	98	4	126
8	24	5	15	10	5	50	0	T	0.1	11	18.2	61	280 (W)	676	96	3	126
9	20	10	15	11	4	50	0	0.01	0.2	11	60.3	96	300 (NW)	0	0	10	1269
10	32	16	24	11	13	41	0	0.00	0.0	11	31.5	62	260 (W)	710	100	8	
11	39	29	34	11	23	31	0	0.01	0.0	10	54.6	115	260 (W)	651	91	8	12
12	36	9	23	11	12	42	0	0.36	3.0	5	66.0	113	260 (W)	468	65	5	1269
13	9	-2	4	12	-8	61	0	0.22	2.9	7	65.7	102	300 (NW)	340	47	9	1269
14	5	-16	-5	12	-17	70	0	0.54	5.6	8	62.3	106	350 (N)	0	0	10	1269
15	-8	-26	-17	12	-29	82	0	0.03	0.3	9	71.8	106	310 (NW)	585	81	8	1269
16	16	-10	3	13	-10	62	0	0.00	0.0	9	48.7	91	320 (NW)	728	100	5	
17	28	16	22	13	9	43	0	0.00	0.0	9	24.2	44	250 (W)	707	97	4	126
18	25	4	15	13	2	50	0	0.24	1.2	9	44.3	69	280 (W)	0	0	10	1269
19	15	-4	6	14	-8	59	0	0.00	0.0	9	58.4	91	350 (N)	717	97	1	
20	26	9	18	14	4	47	0	0.00	0.0	9	47.4	74	320 (NW)	740	100	8	
21	35	23	29	14	15	36	0	0.00	0.0	9	19.0	42	310 (NW)	743	100	1	
22	38	30	34	15	19	31	0	0.00	0.0	9	13.7	31	240 (SW)	747	100	1	
23	41	30	36	15	21	29	0	0.00	0.0	9	11.2	31	280 (W)	718	96	8	
24	37	30	34	15	19	31	0	0.02	0.0	8	26.3	67	180 (S)	220	29	10	
25	43	31	37	16	21	28	0	0.03	0.0	4	37.5	62	260 (W)	330	44	8	12
26	43	18	31	16	15	34	0	0.55	0.3	3	55.3	124	300 (NW)	0	0	10	123469
27	28	16	22	16	6	43	0	0.03	0.3	3	35.7	102	300 (NW)	632	83	5	1269
28	35	22	29	17	12	36	0	0.35	1.0	2	49.5	88	270 (W)	0	0	10	1269
29	24	5	15	17	-2	50	0	0.17	1.5	3	71.5	123	300 (NW)	139	18	9	1269
30	34	8	21	18	3	44	0	0.00	0.0	3	37.8	68	250 (W)	770	100	6	
31	39	33	36	18	18	29	0	0.18	0.0	2	36.0	71	240 (SW)	247	32	10	12
SUM	702	182	----	----	----	1565	0	3.44	22.1	----	1458.6	----	----	12369	----	226	----
AVG	22.6	5.9	----	----	----	----	----	----	----	----	47.1	FASTEST	DIR	POSS	55%	7.3	----
											MISC. ->	131	300 (NW)	22568			----

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	14.3	TOTAL FOR THE MONTH	3.44	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	1.5	DEPARTURE FROM NORMAL	-4.23			2 = FOG REDUCING VISIBILITY	
HIGHEST	43 on 25th, 26th	24 HOUR MAX	0.57 on 26th/27th	CLEAR (SCALE 0-3)	4	TO 1/4 MILE OR LESS	
LOWEST	-28 on 2nd			PARTLY CLOUDY (SCALE 4-7)	7	3 = THUNDER	
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	20	4 = ICE PELLETS	
NUMBER OF DAYS WITH:				WITH .01" OR MORE PRECIP	19	5 = HAIL	
MAX. 32 OR BELOW	20	TOTAL FOR THE MONTH	22.1	WITH .10" OR MORE PRECIP	10	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	24 HOUR MAX	5.6 on 14th	WITH .50" OR MORE PRECIP	2	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	30	MAX DEPTH ON GROUND	14 on 2nd	WITH 1.0" OR MORE PRECIP	0	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 0 OR BELOW	12					8 = SMOKE OR HAZE	
		PRESSURE DATA (IN.)				9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.689 on 21st				
		LOWEST SEA-LEVEL	29.262 on 1st				
TOTAL THIS MONTH	1565	AVG STATION	23.634				
DEPARTURE FROM NORMAL	-52						
SEASON TOTAL	10125						
DEPARTURE FROM NORMAL	-838						
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
81	79	79	79	80

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER.
THERE WERE 301 HOURS OF PREVAILING WINDS FROM THE NW,
40% OF THE TOTAL HOURS OF THE MONTH.