

WS FORM F-6										STATION								
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MOUNT WASHINGTON OBSERVATORY								
										MONTH				YEAR				
										FEBRUARY				2022				
LATITUDE					LONGITUDE					GROUND ELEVATION (H)				STANDARD TIME				
44 DEGREES 16 MINUTES NORTH					71 DEGREES 18 MINUTES WEST					6280 FT				EASTERN				
TEMPERATURE (°F)						DEGREE DAYS			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	19	5	12	5	7	53	0	0.00	0.0	11	21.5	52	200 (S)	600	100	4	126	
2	30	8	19	5	14	46	0	0.00	0.0	11	44.6	74	220 (SW)	563	93	9	126	
3	27	18	23	5	18	42	0	0.44	4.1	11	39.5	86	240 (SW)	0	0	10	1269	
4	26	11	19	5	14	46	0	0.39	4.3	14	21.8	48	180 (S)	0	0	10	1269	
5	12	-18	-3	5	-8	68	0	0.10	1.1	15	52.0	94	310 (NW)	280	46	9	1269	
6	11	-10	1	5	-4	64	0	0.00	0.0	12	37.3	70	250 (W)	358	58	9		
7	21	10	16	5	11	49	0	0.08	0.8	12	34.4	75	240 (SW)	14	2	10	12469	
8	30	5	18	5	13	47	0	0.30	3.3	13	22.4	61	290 (W)	0	0	10	1269	
9	25	4	15	5	10	50	0	0.02	0.3	13	43.1	64	310 (NW)	615	99	4	1269	
10	21	13	17	5	12	48	0	0.10	1.2	13	46.3	87	270 (W)	0	0	10	1269	
11	23	11	17	5	12	48	0	T	T	13	42.4	98	240 (SW)	305	48	9	1269	
12	27	-1	13	5	8	52	0	0.01	0.1	13	61.0	105	240 (SW)	50	8	10	1269	
13	7	-4	2	5	-3	63	0	T	T	12	20.1	58	280 (W)	512	81	9	126	
14	-4	-24	-14	6	-20	79	0	T	0.1	12	30.8	70	300 (NW)	300	47	10	1269	
15	-7	-22	-14	6	-20	79	0	0.00	0.0	12	57.5	93	290 (W)	40	6	10	1269	
16	26	-7	10	6	4	55	0	0.00	0.0	12	48.4	116	240 (SW)	325	51	10	126	
17	34	22	28	6	22	37	0	0.24	T	7	63.1	112	230 (SW)	0	0	10	1269	
18	38	-14	12	6	6	53	0	0.46	0.3	3	68.8	124	240 (SW)	0	0	10	126	
19	9	-15	-3	6	-9	68	0	0.11	2.1	3	57.0	125	290 (W)	121	19	10	1269	
20	21	-19	1	7	-6	64	0	T	T	3	65.5	114	260 (W)	329	50	8	1269	
21	24	13	19	7	12	46	0	0.00	0.0	3	46.8	109	270 (W)	0	0	10	126	
22	36	19	28	7	21	37	0	0.78	0.3	3	43.0	110	240 (SW)	145	22	10	1246	
23	37	-10	14	7	7	51	0	0.32	0.5	2	71.8	106	300 (NW)	20	3	10	1269	
24	5	-7	-1	8	-9	66	0	0.00	0.0	2	45.8	95	310 (NW)	656	98	6		
25	8	-4	2	8	-6	63	0	0.72	7.7	3	28.5	53	150 (SE)	10	1	10	1269	
26	-2	-5	-3	8	-11	68	0	0.00	0.0	5	40.4	66	270 (W)	673	100	3	1269	
27	6	-10	-2	8	-10	67	0	0.56	6.3	4	61.4	98	290 (W)	0	0	10	1269	
28	-4	-23	-13	8	-21	78	0	0.02	0.2	7	56.6	98	300 (NW)	613	90	8	1269	
SUM	506	-54	----	----	----	1587	0	4.65	32.7	----	1271.8	----	----	6529	----	248	----	
AVG	18.1	-1.9	----	----	----	----	----	----	----	----	45.4	FASTEST	DIR	POSS	36%	8.9	----	
											MISC. ->	125	290 (W)	17905				

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	8.1	TOTAL FOR THE MONTH	4.65	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	2.2	DEPARTURE FROM NORMAL	-0.80			2 = FOG REDUCING VISIBILITY	
HIGHEST	38 on 18th	24 HOUR MAX	1.05 on 22nd/23rd	CLEAR (SCALE 0-3)	1	TO 1/4 MILE OR LESS	
LOWEST	-24 on 14th			PARTLY CLOUDY (SCALE 4-7)	3	3 = THUNDER	
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	24	4 = ICE PELLETS	
NUMBER OF DAYS WITH:						5 = HAIL	
		TOTAL FOR THE MONTH	32.7	WITH .01" OR MORE PRECIP	16	6 = GLAZE OR RIME	
MAX. 32 OR BELOW	24	24 HOUR MAX	7.7 on 25th	WITH .10" OR MORE PRECIP	12	7 = BLOWING DUST OR SAND	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	15 on 5th	WITH .50" OR MORE PRECIP	3	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	28			WITH 1.0" OR MORE PRECIP	0	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	16					9 = BLOWING SNOW	
		PRESSURE DATA (IN.)				X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.791 on 16th				
		LOWEST SEA-LEVEL	29.143 on 18th				
TOTAL THIS MONTH	1587	AVG STATION	23.591				
DEPARTURE FROM NORMAL	-68						
SEASON TOTAL	8804						
DEPARTURE FROM NORMAL	-337						
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					NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 310 HOURS OF PREVAILING WINDS FROM THE W, 46 % OF THE TOTAL HOURS OF THE MONTH.
0600	1200	1800	0000	MONTH	
81	84	87	86	85	