

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH JANUARY				YEAR 2022			
LATITUDE 44 DEGREES 16 MINUTES NORTH					LONGITUDE 71 DEGREES 18 MINUTES WEST						GROUND ELEVATION (H) 6,280 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		TOTAL	% POSS			
1	32	20	26	8	18	39	0	T	T	6	32.8	51	240 (SW)	5	1	10	126	
2	30	2	16	8	8	49	0	0.17	0.9	6	28.1	78	320 (NW)	0	0	10	1246	
3	7	-2	3	8	-5	62	0	0.00	0.0	6	29.0	76	320 (NW)	355	65	10		
4	18	-5	7	8	-1	58	0	0.00	0.0	6	47.3	74	290 (W)	275	50	8	126	
5	24	16	20	7	13	45	0	T	0.1	6	54.0	105	230 (SW)	7	1	10	1269	
6	17	4	11	7	4	54	0	0.14	1.7	6	38.7	72	280 (W)	0	0	10	1269	
7	10	-9	1	7	-6	64	0	0.43	5.1	7	35.4	88	300 (NW)	0	0	10	1269	
8	10	-13	-1	7	-8	66	0	0.00	0.0	8	45.9	92	330 (NW)	555	100	3	1269	
9	28	8	18	7	11	47	0	0.15	1.2	7	71.3	114	280 (W)	0	0	10	1269	
10	9	-20	-5	7	-12	70	0	0.06	0.9	8	73.2	114	290 (W)	60	11	10	1269	
11	-5	-31	-18	6	-24	83	0	0.00	0.0	7	48.2	85	290 (W)	536	96	1	1269	
12	9	-5	2	6	-4	63	0	T	0.2	7	56.5	84	250 (W)	20	4	10	1269	
13	20	9	15	6	9	50	0	0.05	0.5	7	36.9	55	240 (SW)	0	0	10	1269	
14	20	-7	7	6	1	58	0	0.00	0.0	7	34.2	96	330 (NW)	390	69	10	126	
15	-3	-16	-9	6	-15	74	0	0.00	0.0	7	71.1	110	330 (NW)	566	100	1		
16	11	-7	2	6	-4	63	0	0.00	0.0	7	36.0	73	310 (NW)	543	96	1		
17	21	5	13	6	7	52	0	1.78	11.3	7	56.3	144	100 (E)	0	0	10	1269	
18	6	-19	-6	5	-11	71	0	0.55	4.5	10	77.7	110	280 (W)	0	0	10	1269	
19	16	-3	7	5	2	58	0	0.17	1.5	10	64.2	113	240 (SW)	0	0	10	1269	
20	14	-8	3	5	-2	62	0	0.01	0.1	10	50.5	100	270 (W)	340	59	6	1269	
21	3	-9	-3	5	-8	68	0	0.00	0.0	10	20.8	40	300 (NW)	577	100	3		
22	6	-1	3	5	-2	62	0	0.00	0.0	10	18.6	62	250 (W)	548	94	3		
23	0	-5	-2	5	-7	67	0	0.02	0.8	10	40.3	66	260 (W)	0	0	10	1269	
24	-1	-10	-5	5	-10	70	0	0.01	0.4	10	30.1	49	210 (SW)	544	93	5	1269	
25	6	-9	-1	5	-6	66	0	0.07	1.4	11	47.7	67	240 (SW)	0	0	10	1269	
26				5			0											
27				5			0											
28				5			0											
29				5			0											
30				5			0											
31				5			0											
SUM	308	-115	----	----	----	1521	0	3.61	30.6	----	1144.8	----	----	5321	----	191	----	----
AVG	12.3	-4.6	----	----	----	----	----	----	----	----	45.8	FASTEST	DIR	POSS	%	7.6	----	----
											MISC. ->	144		17658	30%			----

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	3.9	TOTAL FOR THE MONTH	3.61	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-1.9	DEPARTURE FROM NORMAL	-2.13	CLEAR (SCALE 0-3)	6	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	32	24 HOUR MAX		PARTLY CLOUDY (SCALE 4-7)	2	3 = THUNDER	
LOWEST	-31	SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	17	4 = ICE PELLETS	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	30.6	WITH .01" OR MORE PRECIP	13	5 = HAIL	
MAX. 32 OR BELOW	25	24 HOUR MAX		WITH .10" OR MORE PRECIP	7	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND		WITH .50" OR MORE PRECIP	2	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	25			WITH 1.0" OR MORE PRECIP	1	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	18	PRESSURE DATA (IN.)				9 = BLOWING SNOW	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL				X = TORNADO	
TOTAL THIS MONTH	1521	LOWEST SEA-LEVEL					
DEPARTURE FROM NORMAL	-313	AVG STATION					

COOLING DEGREE DAYS (BASE 65°F)		NOTES:	
TOTAL THIS MONTH	0	7TH, 12TH, 18TH: PRECIPITATION AND SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO UNREASONABLY HIGH AMOUNT IN CAN DUE TO BLOWING SNOW.	
DEPARTURE FROM NORMAL	0	10TH: SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO SOME MELTING WHEN BROUGHT INDOORS TO MEASURE.	
SEASON TOTAL	0	11TH: NEW DAILY RECORD LOW OF -31°F; PREVIOUS RECORD OF -29°F ORIGINALLY SET IN 1981	
DEPARTURE FROM NORMAL	0	17TH: PRECIPITATION AND SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO UNREASONABLY LOW AMOUNT IN CAN FROM HIGH WINDS	
		17TH: PRECIPITATION AND SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO RIME CHUNKS FALLING INTO CAN.	
		20TH: PRECIPITATION AND SNOWFALL ESTIMATED AT TWO COLLECTIONS DUE TO UNREASONABLY HIGH AMOUNT IN CAN DUE TO BLOWING SNOW.	

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 HOURS OF PREVAILING WINDS FROM THE , % OF THE TOTAL HOURS OF THE MONTH.
0600	1200	1800	0000	MONTH	
				#DIV/0!	