

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH AUGUST				YEAR 2022			
LATITUDE 44 DEGREES 16 MINUTES NORTH					LONGITUDE 71 DEGREES 18 MINUTES WEST						GROUND ELEVATION 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	62	48	55	50	5	10	0	0.00	0.0	0	14.8	34	250 (W)	500	56	8	12	
2	58	48	53	50	3	12	0	0.44	0.0	0	32.8	71	300 (NW)	120	14	10	12	
3	58	44	51	50	1	14	0	T	0.0	0	22.3	44	300 (NW)	849	96	5	12	
4	65	54	60	50	10	5	0	1.70	0.0	0	27.4	49	280 (W)	491	56	9	123	
5	62	54	58	50	8	7	0	0.90	0.0	0	15.3	34	290 (W)	80	9	10	123	
6	65	55	60	49	11	5	0	T	0.0	0	24.2	58	270 (W)	180	20	10	12	
7	61	57	59	49	10	6	0	0.41	0.0	0	41.6	62	280 (W)	10	1	10	12	
8	64	57	61	49	12	4	0	0.23	0.0	0	37.8	61	250 (W)	120	14	10	12	
9	59	51	55	49	6	10	0	0.66	0.0	0	37.0	80	270 (W)	40	5	10	12	
10				49			0											
11				49			0											
12				49			0											
13				49			0											
14				49			0											
15				49			0											
16				49			0											
17				49			0											
18				49			0											
19				49			0											
20				49			0											
21				48			0											
22				48			0											
23				48			0											
24				48			0											
25				48			0											
26				48			0											
27				48			0											
28				48			0											
29				48			0											
30				47			0											
31				47			0											
SUM	554	468	----	----	----	73	0	4.34	0.0	----	253.2	----	----	2390	----	82	----	
AVG	61.6	52.0	----	----	----	----	----	----	----	----	28.1	FASTEST	DIR	POSS	9%	9.1	----	
											MISC.-->	80		26399			----	

<u>TEMPERATURE DATA (°F)</u>		<u>PRECIPITATION DATA (IN.)</u>		<u>WEATHER</u>		<u>SYMBOLS USED IN COLUMN 16</u>	
AVERAGE MONTHLY	56.8	TOTAL FOR THE MONTH	4.34	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	8.1	DEPARTURE FROM NORMAL	-3.38	CLEAR (SCALE 0-3)	0	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	65	24 HOUR MAX		PARTLY CLOUDY (SCALE 4-7)	1	3 = THUNDER	
LOWEST	44	SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	8	4 = ICE PELLETS	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	0.0	WITH .01" OR MORE PRECIP	6	5 = HAIL	
MAX. 32 OR BELOW	0	24 HOUR MAX		WITH .10" OR MORE PRECIP	6	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND		WITH .50" OR MORE PRECIP	3	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	0			WITH 1.0" OR MORE PRECIP	1	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	0	<u>PRESSURE DATA (IN.)</u>				9 = BLOWING SNOW	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL				X = TORNADO	
TOTAL THIS MONTH	73	LOWEST SEA-LEVEL					
DEPARTURE FROM NORMAL	-432	AVG STATION					
SEASON TOTAL							
DEPARTURE FROM NORMAL	-973						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

NOTES:  
**5TH:** PRECIPITATION ESTIMATED AT ONE COLLECTION DUE TO PARTIAL MISTRANSFER FROM COLLECTION CAN INTO MEASURING CAN BY OBSERVER-IN-TRAINING

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR				
0600	1200	1800	0000	MONTH
				#DIV/0!

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