

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH MAY				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 SPEED	DIR	TOTAL	% POSS			
1	24	16	20	30	-10	45	0	0.47	3.2	9	58.3	87	310 (NW)	115	13	9	1269	
2	34	18	26	30	-4	39	0	0.03	0.4	8	62.2	94	280 (W)	285	33	9	1269	
3	37	24	31	31	0	34	0	0.01	T	7	36.6	80	310 (NW)	70	8	10	126	
4	42	35	39	31	8	26	0	0.03	0.0	7	11.9	28	200 (S)	0	0	10	12	
5				32			0											
6				32			0											
7				32			0											
8				33			0											
9				33			0											
10				34			0											
11				34			0											
12				34			0											
13				35			0											
14				35			0											
15				35			0											
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18				36			0											
19				37			0											
20				37			0											
21				37			0											
22				38			0											
23				38			0											
24				38			0											
25				39			0											
26				39			0											
27				39			0											
28				40			0											
29				40			0											
30				40			0											
31				41			0											
SUM	137	93	---	---	---	144	0	0.54	3.6	---	169.0	---	---	470	---	38	---	
AVG	34.3	23.3	---	---	---	---	---	---	---	---	42.3	FASTEST	DIR	POSS	2%	9.5	---	
											MISC. ->	94		27878			---	

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	28.8	TOTAL FOR THE MONTH	0.54	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-6.7	DEPARTURE FROM NORMAL	-7.64	CLEAR (SCALE 0-3)	0	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	42	24 HOUR MAX		PARTLY CLOUDY (SCALE 4-7)	0	3 = THUNDER	
LOWEST	16	SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	4	4 = ICE PELLETS	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	3.6	WITH .01" OR MORE PRECIP	4	5 = HAIL	
MAX. 32 OR BELOW	1	24 HOUR MAX		WITH .10" OR MORE PRECIP	1	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND		WITH .50" OR MORE PRECIP	0	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	3	PRESSURE DATA (IN.)		WITH 1.0" OR MORE PRECIP	0	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	0	HIGHEST SEA-LEVEL				9 = BLOWING SNOW	
HEATING DEGREE DAYS (BASE 65°F)		LOWEST SEA-LEVEL				X = TORNADO	
TOTAL THIS MONTH	144	AVG STATION					
DEPARTURE FROM NORMAL	-769						
SEASON TOTAL							
DEPARTURE FROM NORMAL	-13109						
COOLING DEGREE DAYS (BASE 65F)							
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 HOURS OF PREVAILING WINDS FROM THE , % OF THE TOTAL HOURS OF THE MONTH.
0600	1200	1800	0000	MONTH	
				89	