

WS FORM F-6											STATION							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MOUNT WASHINGTON OBSERVATORY							
											MONTH			YEAR				
											JULY			2021				
LATITUDE					LONGITUDE						GROUND ELEVATION (H)			STANDARD TIME				
44 DEGREES 16 MINUTES NORTH					71 DEGREES 18 MINUTES WEST						6280 FT			EASTERN				
TEMPERATURE (°F)						PRECIPITATION (IN.)					WIND (MPH)			SUNSHINE (MINUTES)		SKY COVER (TENTHS)	WEATHER OCCUR.	
						DEGREE DAYS			TOTAL (EQUIV)	SNOW & ICE	SNOW/ICE ON GROUND-7AM	AVG SPEED	FASTEST MILE					
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL					SPEED	DIR	TOTAL	% POSS			
1	57	45	51	49	2	14	0	0.28	0.0	0	22.8	63	290 (W)	135	14	10	12	
2	47	42	45	49	-4	20	0	0.76	0.0	0	16.9	34	080 (E)	0	0	10	12	
3	46	37	42	49	-7	23	0	0.56	0.0	0	11.0	24	060 (NE)	20	2	10	12	
4	44	38	41	49	-8	24	0	0.63	0.0	0	17.8	39	040 (NE)	0	0	10	12	
5	51	37	44	50	-6	21	0	T	0.0	0	20.0	53	280 (W)	665	71	9	12	
6	58	50	54	50	4	11	0	0.32	0.0	0	49.1	83	300 (NW)	0	0	10	12	
7	50	45	48	50	-2	17	0	0.15	0.0	0	47.6	83	300 (NW)	0	0	9	12	
8	52	46	49	50	-1	16	0	0.29	0.0	0	28.5	84	220 (SW)	0	0	10	12	
9	53	44	49	50	-1	16	0	0.87	0.0	0	36.4	95	240 (SW)	0	0	10	12	
10	59	44	52	50	2	13	0	0.00	0.0	0	11.3	47	300 (NW)	876	94	5	12	
11	55	45	50	50	0	15	0	0.00	0.0	0	13.8	33	280 (W)	470	51	7	12	
12	55	46	51	50	1	14	0	0.00	0.0	0	8.3	24	120 (SE)	170	18	10	12	
13	56	46	51	50	1	14	0	0.00	0.0	0	17.4	43	210 (SW)	0	0	10	12	
14	58	53	56	50	6	9	0	0.08	0.0	0	30.1	61	230 (SW)	20	2	10	12	
15	62	53	58	50	8	7	0	0.13	0.0	0	17.5	52	250 (W)	375	41	9	12	
16	57	49	53	50	3	12	0	0.41	0.0	0	40.5	69	280 (W)	0	0	10	12	
17	56	49	53	50	3	12	0	0.78	0.0	0	14.0	28	250 (W)	45	5	10	12	
18	59	48	54	50	4	11	0	1.18	0.0	0	13.1	32	180 (S)	0	0	10	12	
19	55	48	52	50	2	13	0	0.40	0.0	0	12.4	41	350 (N)	25	3	10	123	
20	54	48	51	50	1	14	0	0.37	0.0	0	18.7	40	320 (NW)	50	5	10	1238	
21	53	42	48	50	-2	17	0	0.23	0.0	0	22.4	43	310 (NW)	35	4	10	12	
22	47	39	43	50	-7	22	0	T	0.0	0	32.4	56	360 (N)	345	38	9	12	
23	49	41	45	50	-5	20	0	0.23	0.2	0	21.4	39	350 (N)	514	56	9	1235	
24	55	42	49	50	-1	16	0	0.00	0.0	0	12.9	35	200 (S)	773	85	6	12	
25				50			0											
26				50			0											
27				50			0											
28				50			0											
29				50			0											
30				50			0											
31				50			0											
SUM	1288	1077	----	----	----	371	0	7.67	0.2	----	536.3	----	----	4518	----	223	----	
AVG	53.7	44.9	----	----	----	----	----	----	----	----	22.3	FASTEST	DIR	POSS			----	
											MISC. ->	95		28530	16%	9.3	----	

  

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	49.3	TOTAL FOR THE MONTH	7.67	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-0.6	DEPARTURE FROM NORMAL	-1.26			2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	62	24 HOUR MAX		CLEAR (SCALE 0-3)	0		
LOWEST	37			PARTLY CLOUDY (SCALE 4-7)	3		
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	21		
NUMBER OF DAYS WITH:				WITH .01" OR MORE PRECIP	17	6 = GLAZE OR RIME	
MAX. 32 OR BELOW	0	TOTAL FOR THE MONTH	0.2	WITH .10" OR MORE PRECIP	16	7 = BLOWING DUST OR SAND	
MAX. 90 OR ABOVE	0	24 HOUR MAX		WITH .50" OR MORE PRECIP	6	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	0	MAX DEPTH ON GROUND		WITH 1.0" OR MORE PRECIP	1	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	0					9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL					
		LOWEST SEA-LEVEL					
TOTAL THIS MONTH	371	AVG STATION					
DEPARTURE FROM NORMAL	-97						
SEASON TOTAL							
DEPARTURE FROM NORMAL	-468						
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 HOURS OF PREVAILING WINDS FROM THE % OF THE TOTAL HOURS OF THE MONTH.
0600	1200	1800	0000	MONTH	
				#DIV/0!	

  

NOTES:	
23rd:	ESTIMATED SNOWFALL FELL AS HAIL AND MELTED PRIOR TO COLLECTION