

WS FORM F-6											STATION								
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MOUNT WASHINGTON OBSERVATORY								
											MONTH			YEAR					
											JULY			2020					
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.		
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	55	46	51	48	3	14	0	1.52	0.0	0	13.9	38	090 (E)	115	12	10	12		
2	62	50	56	48	8	9	0	T	0.0	0	24.4	56	310 (NW)	495	53	8	12		
3	58	51	55	48	7	10	0	0.01	0.0	0	8.4	27	010 (N)	70	7	9	12		
4	58	48	53	49	4	12	0	0.00	0.0	0	17.6	36	300 (NW)	615	66	6	12		
5	55	48	52	49	3	13	0	0.03	0.0	0	18.5	41	290 (W)	550	59	6			
6	57	45	51	49	2	14	0	0.00	0.0	0	15.3	32	310 (NW)	842	90	5	12		
7	61	49	55	49	6	10	0	0.00	0.0	0	12.3	34	250 (W)	528	56	8	12		
8	59	50	55	49	6	10	0	0.39	0.0	0	30.1	64	010 (N)	52	6	10	123		
9	68	52	60	49	11	5	0	0.00	0.0	0	13.7	34	320 (NW)	886	95	6	12		
10	65	52	59	49	10	6	0	0.14	0.0	0	19.2	62	140 (SE)	495	53	9	12		
11	60	55	58	49	9	7	0	2.48	0.0	0	34.6	75	130 (SE)	0	0	10	123		
12	57	49	53	49	4	12	0	1.03	0.0	0	43.3	75	280 (W)	0	0	10	12		
13	59	48	54	49	5	11	0	0.45	0.0	0	20.0	39	290 (W)	215	23	9	123		
14	53	44	49	49	0	16	0	1.07	0.2	0	14.0	38	290 (W)	0	0	10	1235		
15	52	44	48	49	-1	17	0	T	0.0	0	10.8	24	350 (N)	73	8	10	12		
16	59	45	52	49	3	13	0	0.01	0.0	0	10.5	38	220 (SW)	455	49	8	12		
17	53	46	50	49	1	15	0	0.57	0.0	0	37.3	62	290 (W)	0	0	10	12		
18	59	50	55	49	6	10	0	T	0.0	0	34.1	58	290 (W)	200	22	9	12		
19	66	54	60	49	11	5	0	T	0.0	0	35.3	63	280 (W)	395	43	8	12		
20	59	51	55	49	6	10	0	0.04	0.0	0	48.9	71	280 (W)	165	18	9	12		
21	52	47	50	49	1	15	0	0.04	0.0	0	37.5	60	290 (W)	80	9	10	12		
22	57	47	52	49	3	13	0	0.63	0.0	0	23.4	40	240 (SW)	0	0	10	12		
23	59	48	54	49	5	11	0	0.41	0.0	0	28.1	48	290 (W)	45	5	10	12		
24	59	46	53	49	4	12	0	0.00	0.0	0	16.9	51	310 (NW)	345	38	9	12		
25	59	47	53	49	4	12	0	0.00	0.0	0	24.0	58	290 (W)	813	90	8			
26	58	50	54	49	5	11	0	0.00	0.0	0	57.5	84	290 (W)	10	1	10	12		
27	61	56	59	49	10	6	0	0.69	0.0	0	49.1	82	280 (W)	15	2	10	12		
28	60	49	55	49	6	10	0	0.12	0.0	0	41.5	63	280 (W)	146	16	10	12		
29	61	48	55	49	6	10	0	0.00	0.0	0	26.7	49	250 (W)	768	86	5	12		
30	56	48	52	49	3	13	0	1.23	0.0	0	28.8	47	280 (W)	95	11	9	123		
31	58	46	52	49	3	13	0	0.00	0.0	0	19.0	39	300 (NW)	520	58	6	12		
SUM	1815	1509	----	----	----	345	0	10.86	0.2	----	814.7	----	----	8988	----	267	----		
AVG	58.5	48.7	----	----	----	----	----	----	----	----	26.3	FASTEST	DIR	POSS	----	----	----		
											MISC. ->	84	290 (W)	28530	32%	8.6	----		

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	53.6	TOTAL FOR THE MONTH	10.86	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	4.5	DEPARTURE FROM NORMAL	2.09	CLEAR (SCALE 0-3)	0	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	68 on 9th	24 HOUR MAX	2.54 on 10th/11th	PARTLY CLOUDY (SCALE 4-7)	6	3 = THUNDER	
LOWEST	44 on 14th/15th	SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	25	4 = ICE PELLETS	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	0.2	WITH .01" OR MORE PRECIP	18	5 = HAIL	
MAX. 32 OR BELOW	0	24 HOUR MAX	0.2 on 14th	WITH .10" OR MORE PRECIP	13	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	0 on N/A	WITH .50" OR MORE PRECIP	8	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	0			WITH 1.0" OR MORE PRECIP	5	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	0	PRESSURE DATA (IN.)				9 = BLOWING SNOW	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.509 on 16th			X = TORNADO	
TOTAL THIS MONTH	345	LOWEST SEA-LEVEL	29.450 on 12th				
DEPARTURE FROM NORMAL	-150	AVG STATION	23.914				
SEASON TOTAL	345						
DEPARTURE FROM NORMAL	-150						
COOLING DEGREE DAYS (BASE 65F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

NOTES:	
14TH: SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO MELTING PRIOR TO SAFE COLLECTION CONDITIONS; FELL ENTIRELY AS SMALL HAIL	

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR				
0600	1200	1800	0000	MONTH
91	83	90	93	89

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 316 HOURS OF PREVAILING WINDS FROM THE W 42% OF THE TOTAL HOURS OF THE MONTH.