

WS FORM F-6										STATION MOUNT WASHINGTON OBSERVATORY								
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MONTH JUNE			YEAR 2020					
LATITUDE 44 DEGREES 16 MINUTES NORTH					LONGITUDE 71 DEGREES 18 MINUTES WEST					GROUND ELEVATION (H) 6280 FT			STANDARD TIME EASTERN					
TEMPERATURE (°F)						DEGREE DAYS			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			
												SPEED	DIR					
1	27	18	23	41	-18	42	0	0.07	0.8	T	36.9	66	270 (W)	145	16	10	126	
2	35	21	28	41	-13	37	0	0.03	0.0	1	28.3	46	340 (N)	392	42	8	126	
3	44	34	39	42	-3	26	0	0.58	0.0	0	39.2	77	290 (W)	0	0	10	12	
4	51	38	45	42	3	20	0	0.11	0.0	0	48.0	86	290 (W)	80	9	10	12	
5	57	48	53	42	11	12	0	0.03	0.0	0	27.0	54	260 (W)	275	29	8	123	
6	53	40	47	43	4	18	0	0.14	0.0	0	33.3	79	290 (W)	215	23	9	12	
7	40	33	37	43	-6	28	0	0.02	0.0	0	31.5	58	340 (N)	65	7	10	12	
8	44	33	39	43	-4	26	0	0.00	0.0	0	41.2	77	330 (NW)	565	60	6	12	
9	46	35	41	43	-2	24	0	0.03	T	0	30.3	60	290 (W)	25	3	10	124	
10	53	39	46	44	2	19	0	0.05	0.0	0	21.0	60	210 (SW)	470	50	9	12	
11	56	41	49	44	5	16	0	0.16	0.0	0	43.6	80	230 (SW)	55	6	10	12	
12	51	33	42	44	-2	23	0	0.00	0.0	0	34.5	60	270 (W)	715	76	6	12	
13	34	28	31	45	-14	34	0	0.00	0.0	0	15.9	46	290 (W)	215	23	10	126	
14	38	31	35	45	-10	30	0	0.02	T	0	5.2	23	270 (W)	171	18	9	124	
15	47	34	41	45	-4	24	0	0.00	0.0	0	11.0	32	350 (N)	705	75	8	12	
16	58	38	48	45	3	17	0	0.00	0.0	0	10.3	25	280 (W)	943	100	1		
17	64	48	56	46	10	9	0	0.00	0.0	0	7.5	23	280 (W)	943	100	3		
18	68	53	61	46	15	4	0	0.00	0.0	0	11.2	31	280 (W)	933	99	3		
19	64	55	60	46	14	5	0	T	0.0	0	8.0	22	280 (W)	580	62	6	123	
20	64	54	59	46	13	6	0	T	0.0	0	6.2	22	330 (NW)	595	63	8	123	
21	63	55	59	47	12	6	0	0.93	0.3	0	10.0	42	160 (S)	565	60	6	1235	
22	66	55	61	47	14	4	0	0.03	0.0	0	10.0	23	290 (W)	430	46	8	123	
23	63	56	60	47	13	5	0	0.27	0.0	0	16.8	41	190(S)	560	59	8	12	
24	56	41	49	47	2	16	0	0.02	0.0	0	32.2	64	290 (W)	75	8	10	12	
25	52	38	45	47	-2	20	0	0.00	0.0	0	36.6	65	290 (W)	669	71	6	12	
26	53	43	48	47	1	17	0	0.01	0.0	0	27.2	50	290 (W)	470	50	8	12	
27	55	44	50	48	2	15	0	T	0.0	0	17.1	41	290 (W)	245	26	10	12	
28	61	47	54	48	6	11	0	0.78	0.0	0	9.1	25	260 (W)	383	41	9	123	
29	50	44	47	48	-1	18	0	3.37	0.0	0	22.8	54	080 (E)	0	0	10	12	
30	51	46	49	48	1	16	0	1.47	0.0	0	22.9	40	080 (E)	5	1	10	12	
SUM	1564	1223	----	----	----	548	0	8.12	1.1	----	694.8	----	----	11489	----	239	----	
AVG	52.1	40.8	----	----	----	----	----	----	----	----	23.2	FASTEST	DIR	POSS %	41%	8.0	----	
											MISC. ->	86	290 (W)	28193			----	

TEMPERATURE DATA (°F)	PRECIPITATION DATA (IN.)	WEATHER	SYMBOLS USED IN COLUMN 16
AVERAGE MONTHLY DEPARTURE FROM NORMAL	46.5	TOTAL FOR THE MONTH	8.12
HIGHEST	68 on 18th	DEPARTURE FROM NORMAL	-0.28
LOWEST	18 on 1st	24 HOUR MAX	3.49 on 28th/29th
NUMBER OF DAYS WITH:		SNOWFALL, ICE PELLETS (IN.)	
MAX. 32 OR BELOW	1	TOTAL FOR THE MONTH	1.1
MAX. 90 OR ABOVE	0	24 HOUR MAX	0.8 on 1st
MIN. 32 OR BELOW	4	MAX DEPTH ON GROUND	1.0 on 2nd
MIN. 0 OR BELOW	0	PRESSURE DATA (IN.)	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.644 on 15th
TOTAL THIS MONTH	548	LOWEST SEA-LEVEL	29.706 on 3rd
DEPARTURE FROM NORMAL	-54	AVG STATION	23.887
SEASON TOTAL	13191		
DEPARTURE FROM NORMAL	-520		
COOLING DEGREE DAYS (BASE 65°F)			
TOTAL THIS MONTH	0		
DEPARTURE FROM NORMAL	0		
SEASON TOTAL	0		
DEPARTURE FROM NORMAL	0		

NOTES: GREATEST SINGLE MEASUREMENT SNOW DEPTH OF 0.5 INCHES OCCURRED AT 06Z AND 12Z ON THE 2ND.
5TH, 7TH: DAILY AVERAGE WIND SPEED ESTIMATED FOR 1 HOUR DUE TO LOW WINDS NOT VANING PITOT CORRECTLY
6TH: DAILY AVERAGE WIND SPEED ESTIMATED FOR 2 HOURS DUE TO LOW WINDS NOT VANING PITOT CORRECTLY
9TH: SNOWFALL ESTIMATED AT TWO COLLECTIONS DUE TO MELTING SHORTLY AFTER HITTING SURFACES
10TH: DAILY AVERAGE WIND SPEED ESTIMATED FOR 3 HOURS DUE TO LOW WINDS NOT VANING PITOT CORRECTLY
14TH: SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO MELTING SHORTLY AFTER HITTING SURFACES
20TH: DAILY RECORD HIGH OF 64°F EQUALED; RECORD ORIGINALLY SET IN 2016
21ST: 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
84	83	85	84	84

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 328 HOURS OF PREVAILING WINDS FROM THE W, 46% OF THE TOTAL HOURS OF THE MONTH.