

WS FORM F-6										STATION MOUNT WASHINGTON OBSERVATORY								
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MONTH AUGUST			YEAR 2020					
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	COVER	WEATHER
1	59	47	53	49	4	12	0	0.00	0.0	0	10.8	27	320 (NW)	565	63	6	12	
2	58	50	54	49	5	11	0	0.05	0.0	0	27.9	56	190 (S)	50	6	10	12	
3	58	48	53	49	4	12	0	0.07	0.0	0	48.1	77	270 (W)	10	1	10	12	
4	57	49	53	49	4	12	0	2.42	0.0	0	40.3	147	130 (SE)	0	0	10	12	
5	55	40	48	49	-1	17	0	0.12	0.0	0	46.4	85	270 (W)	215	24	9	12	
6	48	38	43	49	-6	22	0	0.00	0.0	0	37.2	68	280 (W)	300	34	9	12	
7	58	42	50	49	1	15	0	0.00	0.0	0	7.7	20	270 (W)	473	54	8	12	
8	60	47	54	49	5	11	0	0.00	0.0	0	12.3	27	280 (W)	170	19	9	12	
9	57	50	54	49	5	11	0	0.01	0.0	0	25.5	43	270 (W)	15	2	10	12	
10	57	51	54	49	5	11	0	0.41	0.0	0	28.0	49	270 (W)	60	7	10	12	
11	66	53	60	49	11	5	0	0.02	0.0	0	22.3	55	240 (SW)	350	40	9	12	
12	58	50	54	49	5	11	0	0.15	0.0	0	28.0	58	280 (W)	181	21	9	12	
13	60	49	55	49	6	10	0	0.00	0.0	0	11.8	30	340 (N)	255	30	9	12	
14	58	48	53	49	4	12	0	0.00	0.0	0	10.4	24	090 (E)	538	63	6	12	
15	55	46	51	48	3	14	0	0.00	0.0	0	10.6	29	080 (E)	566	66	5	12	
16	49	44	47	48	-1	18	0	T	0.0	0	14.4	31	120 (SE)	55	6	10	12	
17	56	44	50	48	2	15	0	0.18	0.0	0	12.1	35	240 (SW)	275	32	8	12	
18	48	39	44	48	-4	21	0	0.33	0.0	0	30.5	56	280 (W)	15	2	10	12	
19	44	37	41	48	-7	24	0	0.07	0.0	0	36.1	69	300 (NW)	60	7	10	12	
20	47	35	41	48	-7	24	0	0.00	0.0	0	31.3	57	270 (W)	260	31	9	12	
21	51	42	47	48	-1	18	0	0.55	0.0	0	45.0	62	280 (W)	15	2	10	12	
22	51	43	47	48	-1	18	0	0.02	0.0	0	28.9	52	300 (NW)	37	4	10	12	
23	55	43	49	48	1	16	0	0.02	0.0	0	29.9	51	280 (W)	109	13	10	12	
24	60	52	56	48	8	9	0	0.03	0.0	0	26.1	51	270 (W)	330	40	10	12	
25	55	37	46	47	-1	19	0	0.34	0.0	0	56.6	111	300 (NW)	0	0	10	12	
26	38	29	34	47	-13	31	0	0.15	0.0	0	65.3	101	290 (W)	295	36	8	126	
27	46	30	38	47	-9	27	0	0.00	0.0	0	50.0	97	290 (W)	125	15	9	126	
28	47	40	44	47	-3	21	0	0.00	0.0	0	35.1	51	310 (NW)	428	52	6	12	
29	54	42	48	47	1	17	0	0.73	0.0	0	33.7	84	260 (W)	0	0	10	12	
30	51	33	42	47	-5	23	0	0.50	0.0	0	68.5	109	290 (W)	0	0	10	12	
31	48	35	42	46	-4	23	0	0.00	0.0	0	25.3	62	300 (NW)	435	54	6	12	
SUM	1664	1333	----	----	----	510	0	6.17	0.0	----	956.1	----	----	6187	----	275	----	
AVG	53.7	43.0	----	----	----	----	----	----	----	----	30.8	FASTEST	DIR	POSS	23%	8.9	----	
											MISC.-->	147	130 (SE)	26399				

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	48.3	TOTAL FOR THE MONTH	6.17	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	0.2	DEPARTURE FROM NORMAL	-2.15			2 = FOG REDUCING VISIBILITY	
HIGHEST	66 on 11th	24 HOUR MAX	2.53 on 4th/5th	CLEAR (SCALE 0-3)	0	TO 1/4 MILE OR LESS	
LOWEST	29 on 26th			PARTLY CLOUDY (SCALE 4-7)	5	3 = THUNDER	
NUMBER OF DAYS WITH:		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	26	4 = ICE PELLETS	
				WITH .01" OR MORE PRECIP	19	5 = HAIL	
MAX. 32 OR BELOW	0	TOTAL FOR THE MONTH	0.0	WITH .10" OR MORE PRECIP	11	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	24 HOUR MAX	0.0 on N/A	WITH .50" OR MORE PRECIP	4	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	2	MAX DEPTH ON GROUND	0 on N/A	WITH 1.0" OR MORE PRECIP	1	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 0 OR BELOW	0					8 = SMOKE OR HAZE	
		PRESSURE DATA (IN.)				9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.429 on 7th				
		LOWEST SEA-LEVEL	29.446 on 30th				
TOTAL THIS MONTH	510	AVG STATION	23.883				
DEPARTURE FROM NORMAL	-12						
SEASON TOTAL	855						
DEPARTURE FROM NORMAL	-162						
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				
0600	1200	1800	0000	MONTH
89	86	91	87	88

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE ARE 365 HOURS OF PREVAILING WINDS FROM THE W, 49% OF THE TOTAL HOURS OF THE MONTH.