

WS FORM F-6										STATION MOUNT WASHINGTON OBSERVATORY								
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MONTH APRIL			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	24	12	18	18	0	47	0	T	T	11	16.5	33	030 (NE)	160	21	9	126	
2	27	23	25	19	6	40	0	0.96	4.9	11	35.4	70	060 (NE)	0	0	10	12469	
3	30	25	28	19	9	37	0	1.03	0.5	11	58.3	90	080 (E)	0	0	10	1246	
4	30	23	27	19	8	38	0	0.00	0.0	11	20.5	53	360 (N)	235	30	10	126	
5	33	22	28	20	8	37	0	0.28	0.5	11	28.3	79	290 (W)	305	39	9	1246	
6	23	15	19	20	-1	46	0	0.04	0.3	11	50.6	92	270 (W)	730	92	4	126	
7	23	14	19	21	-2	46	0	0.00	0.0	11	42.5	74	280 (W)	730	92	5	126	
8	24	17	21	21	0	44	0	0.02	0.1	11	24.3	42	300 (NW)	481	60	8		
9	25	13	19	21	-2	46	0	1.65	11.8	11	36.3	105	300 (NW)	0	0	10	1269	
10	16	11	14	22	-8	51	0	1.16	8.9	17	72.1	125	330 (NW)	0	0	10	1269	
11	14	9	12	22	-10	53	0	0.41	2.6	21	68.3	117	300 (NW)	0	0	10	1269	
12	33	12	23	23	0	42	0	0.02	0.2	21	34.9	67	290 (W)	190	23	9	1269	
13	41	27	34	23	11	31	0	1.40	T	20	55.7	109	260 (W)	0	0	10	126	
14	27	13	20	23	-3	45	0	0.01	0.1	5	58.7	107	280 (W)	155	19	9	126	
15	14	7	11	24	-13	54	0	0.01	0.2	5	35.6	64	280 (W)	280	34	9	126	
16	13	5	9	24	-15	56	0	0.09	2.3	5	39.3	72	290 (W)	120	15	10	1269	
17	13	6	10	25	-15	55	0	0.13	2.2	7	45.0	74	280 (W)	120	15	10	1269	
18	25	10	18	25	-7	47	0	0.04	1.3	7	18.5	51	300 (NW)	109	13	10	126	
19	31	12	22	25	-3	43	0	0.04	0.8	7	45.3	90	270 (W)	465	56	6	1269	
20	25	8	17	26	-9	48	0	0.23	0.8	8	35.3	93	300 (NW)	731	88	6	12569	
21	24	8	16	26	-10	49	0	0.42	3.8	8	43.9	90	280 (W)	325	39	9	1269	
22	9	-2	4	27	-23	61	0	0.22	3.2	10	75.8	110	290 (W)	0	0	10	1269	
23	18	-2	8	27	-19	57	0	0.01	0.1	10	58.3	102	280 (W)	835	99	1	1269	
24	30	18	24	27	-3	41	0	T	T	10	14.9	37	270 (W)	365	43	9		
25	32	21	27	28	-1	38	0	T	T	9	10.4	30	290 (W)	675	80	5	126	
26	32	19	26	28	-2	39	0	0.10	0.9	9	31.2	93	080 (E)	45	5	10	1269	
27	20	14	17	29	-12	48	0	0.37	3.1	10	62.7	99	070 (E)	0	0	10	1269	
28	27	14	21	29	-8	44	0	T	T	10	18.3	35	030 (NE)	45	5	10	126	
29	34	23	29	29	0	36	0	0.00	0.0	10	19.7	53	160 (S)	727	85	8		
30	34	22	28	30	-2	37	0	0.15	0.0	10	60.0	106	160 (S)	0	0	10	126	
SUM	751	419	----	----	----	1356	0	8.79	48.6	----	1216.6	----	----	7828	----	256	----	
AVG	25.0	14.0	----	----	----	----	----	----	----	----	40.6	FASTEST	DIR	POSS	----	8.5	----	
											MISC. ->	125	330 (NW)	24607	32%		----	

  

TEMPERATURE DATA (°F)	PRECIPITATION DATA (IN.)	WEATHER	SYMBOLS USED IN COLUMN 16
AVERAGE MONTHLY 19.5	TOTAL FOR THE MONTH 8.79	NUMBER OF DAYS:	1 = FOG
DEPARTURE FROM NORMAL -4.4	DEPARTURE FROM NORMAL 1.35	CLEAR (SCALE 0-3) 1	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS
HIGHEST 41 on 13th	24 HOUR MAX 1.91 on 9th/10th	PARTLY CLOUDY (SCALE 4-7) 5	3 = THUNDER
LOWEST -2 on 22nd, 23rd	SNOWFALL, ICE PELLETS (IN.)	CLOUDY (SCALE 8-10) 24	4 = ICE PELLETS
NUMBER OF DAYS WITH:	TOTAL FOR THE MONTH 48.6	WITH .01" OR MORE PRECIP 23	5 = HAIL
MAX. 32 OR BELOW 25	24 HOUR MAX 13.6 on 9th/10th	WITH .10" OR MORE PRECIP 14	6 = GLAZE OR RIME
MAX. 90 OR ABOVE 0	MAX DEPTH ON GROUND 21 on 11th, 12th	WITH .50" OR MORE PRECIP 5	7 = BLOWING DUST OR SAND
MIN. 32 OR BELOW 30	PRESSURE DATA (IN.)	WITH 1.0" OR MORE PRECIP 4	8 = SMOKE OR HAZE
MIN. 0 OR BELOW 2	HIGHEST SEA-LEVEL 30.497 on 29th		9 = BLOWING SNOW
HEATING DEGREE DAYS (BASE 65°F)	LOWEST SEA-LEVEL 29.005 on 10th		X = TORNADO
TOTAL THIS MONTH 1356	AVG STATION 23.513		
DEPARTURE FROM NORMAL 123			
SEASON TOTAL 11709			
DEPARTURE FROM NORMAL -487			
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	MONTH
0600	1200
1800	0000
086	84

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 289 HOURS OF PREVAILING WINDS FROM THE W. 40% OF THE TOTAL HOURS OF THE MONTH.