

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH FEBRUARY				YEAR 2020			
LATITUDE 44 DEGREES 16 MINUTES NORTH						LONGITUDE 71 DEGREES 18 MINUTES WEST					GROUND ELEVATION (H) 6280 FT			STANDARD TIME 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		TOTAL	% POSS	(TENTHS)			
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL				SPEED	SPEED	DIR					
1	17	12	15	5	10	50	0	0.05	0.6	7	25.9	53	260 (W)	0	0	10	126	
2	14	5	10	5	5	55	0	0.02	0.2	8	24.0	49	290 (W)	363	60	8	126	
3	14	7	11	5	6	54	0	0.20	1.9	8	60.8	101	280 (W)	0	0	10	1269	
4	23	10	17	5	12	48	0	0.02	0.2	8	47.5	81	270 (W)	0	0	10	1269	
5	12	-1	6	5	1	59	0	0.12	1.0	9	48.3	88	290 (W)	265	43	9	1269	
6	35	7	21	5	16	44	0	0.33	3.5	10	30.7	66	200 (S)	0	0	10	12469	
7	35	-9	13	5	8	52	0	0.69	4.0	9	53.6	104	290 (W)	0	0	10	1269	
8	-9	-17	-13	5	-18	78	0	0.00	0.0	9	66.7	96	280 (W)	45	7	10	1269	
9	9	-10	0	5	-5	65	0	0.05	1.1	9	43.6	72	250 (W)	297	48	6	126	
10	19	8	14	5	9	51	0	0.45	4.1	9	45.0	78	210 (SW)	0	0	10	1269	
11	25	8	17	6	11	48	0	0.03	0.8	10	35.3	78	290 (W)	0	0	10	1269	
12	10	5	8	6	2	57	0	0.20	3.0	10	60.4	112	290 (W)	50	8	10	1269	
13	17	3	10	6	4	55	0	0.20	2.0	11	41.1	74	280 (W)	0	0	10	1269	
14	3	-17	-7	6	-13	72	0	0.04	0.4	12	56.3	83	310 (NW)	637	100	0	1269	
15	14	-4	5	6	-1	60	0	0.00	0.0	12	43.9	77	250 (W)	641	100	4		
16	13	7	10	6	4	55	0	0.15	1.2	12	56.3	93	270 (W)	0	0	10	1269	
17	11	-2	5	6	-1	60	0	0.06	0.7	12	50.1	85	280 (W)	228	35	8	1269	
18	23	5	14	7	7	51	0	0.35	3.9	12	39.3	93	200 (S)	0	0	10	1269	
19	20	-11	5	7	-2	60	0	0.15	1.3	13	78.7	112	270 (W)	130	20	9	1269	
20	-7	-16	-11	7	-18	76	0	0.00	0.0	13	59.5	92	300 (NW)	10	2	10	126	
21	8	-14	-3	7	-10	68	0	0.00	0.0	13	44.6	77	280 (W)	657	100	1	12	
22	14	0	7	7	0	58	0	0.00	0.0	13	58.9	86	280 (W)	220	33	9	126	
23	24	14	19	7	12	46	0	0.00	0.0	13	31.5	53	290 (W)	629	95	5		
24	27	15	21	8	13	44	0	0.00	0.0	13	40.9	56	270 (W)	619	93	5		
25	26	21	24	8	16	41	0	0.05	1.2	13	16.7	46	270 (W)	10	1	10	126	
26	25	17	21	8	13	44	0	0.04	0.6	13	15.0	40	120 (SE)	0	0	10	126	
27	23	0	12	8	4	53	0	1.58	9.5	13	69.3	132	110 (E)	0	0	10	1269	
28	2	-4	-1	8	-9	66	0	0.21	1.9	18	65.8	100	270 (W)	0	0	10	1269	
29	4	-11	-3	9	-12	68	0	0.15	1.5	18	44.6	74	300 (NW)	0	0	10	1269	
SUM	451	28	----	----	----	1638	0	5.14	44.6	----	1354.3	----	----	4801	----	244	----	
AVG	15.6	1.0	----	----	----	----	----	----	----	----	46.7	FASTEST	DIR	POSS	27%	8.4	----	
											MISC. ->	132	110 (SE)	17905				

<u>TEMPERATURE DATA (°F)</u>		<u>PRECIPITATION DATA (IN.)</u>		<u>WEATHER</u>		<u>SYMBOLS USED IN COLUMN 16</u>	
AVERAGE MONTHLY	8.3	TOTAL FOR THE MONTH	5.14	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	2.2	DEPARTURE FROM NORMAL	-1.63	CLEAR (SCALE 0-3)	2	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	35 on 6th, 7th	24 HOUR MAX	1.58 on 27th	PARTLY CLOUDY (SCALE 4-7)	4	3 = THUNDER	
LOWEST	-17 on 8th, 14th	SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	23	4 = ICE PELLETS	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	44.6	WITH .01" OR MORE PRECIP	22	5 = HAIL	
MAX. 32 OR BELOW	27	24 HOUR MAX	9.5 on 27th	WITH .10" OR MORE PRECIP	13	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	18 on 28th, 29th	WITH .50" OR MORE PRECIP	2	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	29	<u>PRESSURE DATA (IN.)</u>		WITH 1.0" OR MORE PRECIP	1	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	14	HIGHEST SEA-LEVEL	30.622 on 9th			9 = BLOWING SNOW	
HEATING DEGREE DAYS (BASE 65°F)		LOWEST SEA-LEVEL	28.222 on 7th			X = TORNADO	
TOTAL THIS MONTH	1638	AVG STATION	23.4730				
DEPARTURE FROM NORMAL	-10						
SEASON TOTAL	8854						
DEPARTURE FROM NORMAL	-492						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

NOTES:				
2ND: DAILY AVERAGE WIND SPEED ESTIMATED FOR ONE HOUR DUE TO EXCESSIVE RIMING SLOWING RMYOUNG PROPELLER				
12TH: PRECIPITATION AND SNOWFALL ESTIMATED AT 2 COLLECTIONS DUE TO EXCESSIVE SNOW IN CAN FROM BLOWING SNOW				
28TH: PRECIPITATION AND SNOWFALL ESTIMATED AT 1 COLLECTION DUE TO EXCESSIVE SNOW IN CAN FROM BLOWING SNOW				
AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR				
0600	1200	1800	0000	MONTH
85	92	87	85	87
NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 464 HOURS OF PREVAILING WINDS FROM THE W, 67% OF THE TOTAL HOURS OF THE MONTH.				