

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH APRIL				YEAR 2019			
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		COVER (TENTHS)	WEATHER OCCUR.		
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL				SPEED	SPEED	DIR					
1	9	-1	4	18	-14	61	0	0.09	0.7	8	64.5	104	290 (W)	288	37	8	1269	
2	19	2	11	19	-8	54	0	0.00	0.0	8	32.1	54	270 (W)	686	88	6		
3	24	5	15	19	-4	50	0	0.13	1.0	8	48.3	118	270 (W)	200	26	9	1269	
4	7	0	4	19	-15	61	0	0.01	0.1	8	73.4	116	280 (W)	155	20	9	1269	
5	27	-1	13	20	-7	52	0	0.14	0.9	8	41.3	90	310 (NW)	551	70	9	1269	
6	26	18	22	20	2	43	0	0.26	1.5	9	57.5	87	290 (W)	0	0	10	12469	
7	32	19	26	21	5	39	0	0.04	0.2	8	41.8	68	290 (W)	90	11	10	1269	
8	31	12	22	21	1	43	0	0.52	3.3	9	39.0	82	270 (W)	0	0	10	12469	
9	32	12	22	21	1	43	0	0.14	1.9	10	38.8	72	290 (W)	350	44	9	12469	
10	13	7	10	22	-12	55	0	0.11	1.1	10	46.8	77	300 (NW)	0	0	10	1269	
11	24	4	14	22	-8	51	0	T	T	11	20.8	77	300 (NW)	807	100	3	1269	
12	41	20	31	23	8	34	0	0.15	0.0	11	46.5	106	240 (SW)	33	4	10	12	
13	41	28	35	23	12	30	0	0.09	0.0	5	55.8	86	260 (W)	255	31	9	12	
14	45	24	35	23	12	30	0	0.22	T	4	52.5	88	290 (W)	268	33	8	124	
15	45	12	29	24	5	36	0	0.97	1.6	1	55.6	133	290 (W)	35	4	10	12469	
16	16	12	14	24	-10	51	0	0.28	1.5	2	82.2	142	290 (W)	0	0	10	1269	
17	25	15	20	25	-5	45	0	0.00	0.0	2	28.8	82	330 (NW)	756	92	3	1269	
18	42	18	30	25	5	35	0	0.23	0.2	2	39.4	98	240 (SW)	65	8	10	126	
19	47	41	44	25	19	21	0	0.23	0.0	1	45.9	95	240 (SW)	60	7	10	12	
20	49	43	46	26	20	19	0	1.11	0.0	T	42.6	96	240 (SW)	0	0	10	12	
21	45	36	41	26	15	24	0	0.21	0.0	0	23.8	66	170 (S)	42	5	10	12	
22	42	33	38	27	11	27	0	0.15	0.0	0	18.1	54	050 (NE)	185	22	9	12	
23	46	33	40	27	13	25	0	0.18	0.0	0	25.8	60	240 (SW)	450	53	8	12	
24	38	21	30	27	3	35	0	0.20	0.8	0	43.4	68	270(W)	0	0	10	1269	
25	37	20	29	28	1	36	0	0.00	0.0	1	25.8	44	290(W)	849	100	3	126	
26	35	25	30	28	2	35	0	0.46	T	T	37.1	83	160(S)	0	0	10	126	
27	39	13	26	29	-3	39	0	1.46	3.8	T	45.1	86	280(W)	0	0	10	1269	
28	22	13	18	29	-11	47	0	0.02	0.2	3	48.4	88	280(W)	15	2	10	1269	
29	20	8	14	29	-15	51	0	T	T	3	45.9	82	290(W)	435	51	8	126	
30	23	18	21	30	-9	44	0	0.03	0.2	2	32.7	71	330(NW)	190	22	9	1269	
SUM	942	510	----	----	----	1216	0	7.43	19.0	----	1299.7	----	----	6765	----	260	----	
AVG	31.4	17.0	----	----	----	----	----	----	----	----	43.3	FASTEST	DIR	POSS	27%	8.7	----	
											MISC. ->	142	290 (W)	24607				

<u>TEMPERATURE DATA (°F)</u>		<u>PRECIPITATION DATA (IN.)</u>		<u>WEATHER</u>		<u>SYMBOLS USED IN COLUMN 16</u>	
AVERAGE MONTHLY	24.2	TOTAL FOR THE MONTH	7.43	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	0.3	DEPARTURE FROM NORMAL	-0.01			2 = FOG REDUCING VISIBILITY	
HIGHEST	49 on 20th	24 HOUR MAX	1.60 on 26th/27th	CLEAR (SCALE 0-3)	3	TO 1/4 MILE OR LESS	
LOWEST	-1 on 1st, 5th			PARTLY CLOUDY (SCALE 4-7)	1	3 = THUNDER	
NUMBER OF DAYS WITH:		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	26	4 = ICE PELLETS	
				WITH .01" OR MORE PRECIP	25	5 = HAIL	
MAX. 32 OR BELOW	16	TOTAL FOR THE MONTH	19.0	WITH .10" OR MORE PRECIP	19	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	24 HOUR MAX	4.0 on 27th/28th	WITH .50" OR MORE PRECIP	4	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	25	MAX DEPTH ON GROUND	11 on 11th, 12th	WITH 1.0" OR MORE PRECIP	2	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 0 OR BELOW	3					8 = SMOKE OR HAZE	
		<u>PRESSURE DATA (IN.)</u>				9 = BLOWING SNOW	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.255 on 15th			X = TORNADO	
		LOWEST SEA-LEVEL	28.992 on 22nd				
TOTAL THIS MONTH	1216	AVG STATION	23.666				
DEPARTURE FROM NORMAL	-17						
SEASON TOTAL	12053						
DEPARTURE FROM NORMAL	-143						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						
		<u>AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR</u>				NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER.	
		0600	1200	1800	0000	MONTH	
		88	89	91	93	90	THERE WERE 356 HOURS OF PREVAILING WINDS FROM THE W, 49% OF THE TOTAL HOURS OF THE MONTH.