

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY								
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH MARCH				YEAR 2017				
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.				
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	39	30	35	9	26	30	0	0.26	0.1	10	53.8	93	240 (SW)	0	0	10	1246		
2	32	-10	11	9	2	54	0	0.33	2.3	3	70.5	109	280 (W)	0	0	10	12469		
3	-2	-20	-11	9	-20	76	0	0.07	1.0	3	50.8	86	300 (NW)	307	45	9	1269		
4	-16	-26	-21	9	-30	86	0	0.09	1.7	3	65.6	104	320 (NW)	0	0	10	1269		
5	9	-17	-4	10	-14	69	0	0.00	0.0	3	49.7	114	310 (NW)	694	100	0	1		
6	25	1	13	10	3	52	0	0.03	0.5	3	26.9	48	360 (N)	667	96	3	126		
7	36	18	27	10	17	38	0	0.25	1.5	4	44.5	83	240 (SW)	0	0	10	1246		
8	37	15	26	10	16	39	0	0.24	1.4	2	46.7	83	240 (SW)	85	12	10	126		
9	16	-1	8	11	-3	57	0	0.25	3.4	3	70.0	119	270 (W)	0	0	10	1269		
10	6	-17	-5	11	-16	70	0	0.32	5.8	3	37.0	89	300 (NW)	0	0	10	1269		
11	-13	-35	-24	11	-35	89	0	T	T	6	78.1	115	270 (W)	30	4	10	1269		
12	-13	-27	-20	11	-31	85	0	0.00	0.0	6	59.3	88	310 (NW)	338	47	6	126		
13	6	-19	-6	12	-18	71	0	0.00	0.0	6	24.8	64	290 (W)	529	74	6	12		
14	11	0	6	12	-6	59	0	1.48	18.9	6	51.1	138	080 (E)	0	0	10	1269		
15	8	-7	1	12	-11	64	0	0.27	5.3	9	34.0	73	280 (W)	163	22	9	1269		
16	-4	-11	-7	13	-20	72	0	0.14	1.8	9	56.0	95	290 (W)	75	10	10	1269		
17	4	-8	-2	13	-15	67	0	0.00	0.0	9	50.0	81	300 (NW)	315	43	8	1269		
18	16	3	10	13	-3	55	0	0.00	0.0	9	17.8	41	320 (NW)	723	99	1			
19	18	9	14	14	0	51	0	0.00	0.0	9	15.0	41	020 (N)	732	99	3			
20	24	10	17	14	3	48	0	0.00	0.0	9	29.3	53	310 (NW)	677	91	5			
21	25	12	19	14	5	46	0	0.11	2.0	9	28.8	59	270 (W)	0	0	10	1269		
22	14	-16	-1	15	-16	66	0	0.28	3.2	10	63.5	110	320 (NW)	0	0	10	1269		
23	13	-16	-1	15	-16	66	0	0.00	0.0	7	61.0	100	320 (NW)	560	75	5	126		
24	22	6	14	15	-1	51	0	0.67	6.8	7	42.6	69	250 (W)	0	0	10	1269		
25	22	13	18	16	2	47	0	0.00	0.0	8	38.3	57	300 (NW)	159	21	9	1269		
26	33	16	25	16	9	40	0	0.08	T	8	22.6	55	240 (SW)	633	84	5	1246		
27	34	22	28	16	12	37	0	0.37	T	8	38.1	69	240 (SW)	0	0	10	1246		
28	35	28	32	17	15	33	0	0.06	0.0	7	32.9	49	280 (W)	0	0	10	126		
29	30	7	19	17	2	46	0	0.16	2.1	5	44.7	97	340 (N)	185	24	8	1269		
30	23	6	15	18	-3	50	0	0.03	0.4	6	23.0	74	340 (N)	555	72	6	1269		
31	28	11	20	18	2	45	0	0.43	5.2	6	12.7	37	110 (E)	15	2	10	126		
SUM	518	-23	----	----	----	1759	0	5.92	63.4	----	1339.1	----	----	7442	----	243	----		
AVG	16.7	-0.7	----	----	----	----	----	----	----	----	43.2	FASTEST	DIR	POSS	33%	7.8	----		
											MISC. ->	138	080 (E)	22568			----		

TEMPERATURE DATA (°F)	PRECIPITATION DATA (IN.)	WEATHER	SYMBOLS USED IN COLUMN 16
AVERAGE MONTHLY	8.0	TOTAL FOR THE MONTH	5.92
DEPARTURE FROM NORMAL	-4.8	DEPARTURE FROM NORMAL	-1.75
HIGHEST	39 on 1st	24 HOUR MAX	1.58 on 14th/15th
LOWEST	-35 on 11th	SNOWFALL, ICE PELLETS (IN.)	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	63.4
MAX. 32 OR BELOW	25	24 HOUR MAX	21.1 on 14th/15th
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	10 on 1st, 22nd
MIN. 32 OR BELOW	31	PRESSURE DATA (IN.)	
MIN. 0 OR BELOW	15	HIGHEST SEA-LEVEL	30.536 on 26th
HEATING DEGREE DAYS (BASE 65°F)		LOWEST SEA-LEVEL	29.068 on 15th
TOTAL THIS MONTH	1759	AVG STATION	23.533
DEPARTURE FROM NORMAL	142		
SEASON TOTAL	10306		
DEPARTURE FROM NORMAL	-657		
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	NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER.			
0600	1200	1800	0000	MONTH
79	85	83	81	82

THERE WERE 295 HOURS OF PREVAILING WINDS FROM THE W, 40% OF THE TOTAL HOURS OF THE MONTH.