

WS FORM F-6										STATION MOUNT WASHINGTON OBSERVATORY								
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MONTH APRIL				YEAR 2018				
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			
1	26	3	15	18	-3	50	0	0.04	0.5	7	57.0	100	240 (SW)	75	10	10	126	
2	15	3	9	19	-10	56	0	T	T	7	25.0	53	280 (W)	544	70	5	126	
3	26	10	18	19	-1	47	0	0.01	0.5	6	23.5	51	210 (SW)	315	40	10	1246	
4	41	-2	20	19	1	45	0	0.34	0.9	4	62.0	112	270 (W)	0	0	10	123469	
5	2	-7	-2	20	-22	67	0	0.02	0.4	3	80.9	120	270 (W)	563	71	5	1269	
6	14	-4	5	20	-15	60	0	0.19	2.8	3	42.2	86	270 (W)	290	37	9	1269	
7	12	2	7	21	-14	58	0	0.42	5.2	6	50.9	85	270 (W)	50	6	10	1269	
8	11	0	6	21	-15	59	0	0.03	0.9	6	28.5	82	290 (W)	186	23	9	1269	
9	7	-6	1	21	-20	64	0	0.11	2.3	7	47.5	83	280 (W)	400	50	8	1269	
10	17	6	12	22	-10	53	0	0.25	7.3	6	22.0	37	290 (W)	25	3	10	126	
11	18	7	13	22	-9	52	0	0.05	1.3	8	21.7	41	290 (W)	402	50	8	126	
12	32	13	23	23	0	42	0	0.25	2.1	8	29.3	108	230 (SW)	325	40	9	1269	
13	33	23	28	23	5	37	0	0.28	0.2	9	46.2	88	250 (W)	190	23	9	1246	
14	34	12	23	23	0	42	0	0.35	1.1	9	33.4	55	250 (W)	0	0	10	1246	
15	29	12	21	24	-3	44	0	0.30	0.3	9	12.3	41	140 (SE)	0	0	10	1246	
16	30	10	20	24	-4	45	0	3.04	6.7	9	56.8	131	100 (E)	0	0	10	12469	
17	30	10	20	25	-5	45	0	0.36	2.9	12	29.4	55	290 (W)	0	0	10	1269	
18	20	10	15	25	-10	50	0	0.06	0.7	14	49.9	76	300 (NW)	0	0	10	1269	
19	25	12	19	25	-6	46	0	0.46	4.5	13	27.1	55	270 (W)	0	0	10	1269	
20	18	10	14	26	-12	51	0	1.17	11.9	17	47.9	89	300 (NW)	0	0	10	1269	
21	20	12	16	26	-10	49	0	0.12	1.4	18	49.0	86	330 (NW)	64	8	9	1269	
22	22	14	18	27	-9	47	0	0.00	0.0	16	38.4	63	320 (NW)	834	99	0		
23	35	19	27	27	0	38	0	0.00	0.0	16	17.4	53	260 (W)	843	100	4		
24	43	30	37	27	10	28	0	0.00	0.0	14	25.1	62	280 (W)	715	85	6		
25	41	31	36	28	8	29	0	0.45	T	11	39.3	77	140 (SE)	0	0	10	126	
26	42	28	35	28	7	30	0	1.60	1.0	5	37.0	76	270 (W)	0	0	10	1236	
27	37	28	33	29	4	32	0	0.25	0.8	5	18.5	55	300 (NW)	119	14	10	126	
28	36	31	34	29	5	31	0	0.03	0.3	5	24.4	47	270 (W)	225	26	9	1246	
29	34	25	30	29	1	35	0	1.23	10.9	4	10.3	33	170 (S)	0	0	10	1246	
30	27	22	25	30	-5	40	0	0.30	2.0	12	18.2	41	050 (NE)	40	5	10	1246	
SUM	777	364	----	----	----	1372	0	11.71	68.9	----	1071.1	----	----	6205	----	260	----	
AVG	25.9	12.1	----	----	----	----	----	----	----	----	35.7	FASTEST	DIR	POSS	25%	8.7	----	
											MISC. ->	131	100 (E)	24607			----	

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	19.0	TOTAL FOR THE MONTH	11.71	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-4.9	DEPARTURE FROM NORMAL	4.27	CLEAR (SCALE 0-3)	1	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	43 on 24th	24 HOUR MAX	3.05 on 16th/17th	PARTLY CLOUDY (SCALE 4-7)	4	3 = THUNDER	
LOWEST	-7 on 5th	SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	25	4 = ICE PELLETS	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	68.9	WITH .01" OR MORE PRECIP	26	5 = HAIL	
MAX. 32 OR BELOW	20	24 HOUR MAX	12.6 on 19th/20th	WITH .10" OR MORE PRECIP	19	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	18 on 21st	WITH .50" OR MORE PRECIP	4	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	30			WITH 1.0" OR MORE PRECIP	4	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	5	PRESSURE DATA (IN.)				9 = BLOWING SNOW	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.685 on 23rd			X = TORNADO	
		LOWEST SEA-LEVEL	29.289 on 4th				
TOTAL THIS MONTH	1372	AVG STATION	23.589				
DEPARTURE FROM NORMAL	139						
SEASON TOTAL	11840						
DEPARTURE FROM NORMAL	-356						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

NOTES:				
7TH: PRECIPITATION AND SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO EXCESSIVE BLOWING SNOW IN CAN				
20TH, 21ST: PRECIPITATION AND SNOWFALL ESTIMATED DUE TO EXCESSIVE SNOW FROM BLOWING SNOW IN CAN.				
28TH, 29TH: SNOWFALL TOTAL ESTIMATED DUE TO MELTING PRIOR TO CAN COLLECTION				
GREATEST SNOW DEPTH OF 18.8 INCHES OCCURRED AT 00Z ON THE 21ST				

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR				
0600	1200	1800	0000	MONTH
88	87	93	94	90

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 348 HOURS OF PREVAILING WINDS FROM THE W 48% OF THE TOTAL HOURS OF THE MONTH.