

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH NOVEMBER				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 SPEED	DIR	TOTAL	% POSS			
1	31	17	24	25	-1	41	0	0.10	1.0	1	28.7	57	280 (W)	100	16	10	126	
2	43	28	36	25	11	29	0	0.31	T	1	41.0	79	250 (W)	0	0	10	126	
3	44	17	31	25	6	34	0	0.41	0.0	0	55.0	96	290 (W)	0	0	10	126	
4	31	16	24	24	0	41	0	0.00	0.0	0	30.3	79	320 (NW)	395	64	9	126	
5	42	18	30	24	6	35	0	0.32	0.0	0	41.4	72	180 (S)	10	2	10	126	
6	45	16	31	24	7	34	0	0.80	0.0	0	50.6	92	310 (NW)	0	0	10	126	
7	26	16	21	24	-3	44	0	0.00	0.0	0	29.7	66	310 (NW)	216	35	8	126	
8	24	15	20	23	-3	45	0	0.00	0.0	0	13.9	22	260 (W)	592	98	1		
9	24	16	20	23	-3	45	0	0.01	0.3	0	26.2	68	210 (SW)	468	77	8	126	
10	23	-9	7	23	-16	58	0	0.28	3.7	2	68.3	105	280 (W)	0	0	10	12369	
11	22	-8	7	22	-15	58	0	T	T	1	38.2	89	320 (NW)	579	97	4	12	
12	25	14	20	22	-2	45	0	0.00	0.0	1	24.2	38	260 (W)	200	34	8		
13	26	18	22	22	0	43	0	0.11	1.5	T	15.5	34	250 (W)	5	1	10	126	
14	20	13	17	21	-4	48	0	T	T	1	13.6	21	320 (NW)	0	0	10	126	
15	26	12	19	21	-2	46	0	T	T	1	14.9	39	230 (SW)	575	98	1		
16	24	18	21	21	0	44	0	0.42	5.2	1	32.2	56	240 (SW)	0	0	10	1269	
17	23	5	14	20	-6	51	0	0.44	2.9	4	67.9	104	320 (NW)	102	17	9	1269	
18	31	20	26	20	6	39	0	0.16	0.3	2	39.3	89	340 (N)	186	32	9	1246	
19	36	5	21	20	1	44	0	1.02	4.0	1	60.4	114	300 (NW)	0	0	10	12469	
20	11	-1	5	19	-14	60	0	0.27	3.5	3	77.8	114	290 (W)	0	0	10	1269	
21	31	9	20	19	1	45	0	0.00	0.0	4	55.7	87	290 (W)	564	98	4	1269	
22	30	6	18	19	-1	47	0	0.42	4.5	3	39.2	77	300 (NW)	0	0	10	1269	
23	15	5	10	18	-8	55	0	0.01	0.4	6	44.7	71	310 (NW)	340	59	8	1269	
24	35	10	23	18	5	42	0	T	T	6	48.0	74	280 (W)	354	62	6	1269	
25	36	21	29	18	11	36	0	0.01	0.2	6	46.7	71	240 (SW)	318	56	8	126	
26	23	1	12	17	-5	53	0	0.50	5.6	6	56.6	89	300 (NW)	0	0	10	1269	
27	11	-6	3	17	-14	62	0	0.20	3.2	7	58.3	91	300 (NW)	0	0	10	1269	
28	33	6	20	16	4	45	0	0.00	0.0	8	49.5	79	270 (W)	370	66	9		
29	31	10	21	16	5	44	0	0.48	3.2	7	62.3	107	300 (NW)	0	0	10	1269	
30	33	19	26	16	10	39	0	0.13	1.4	7	37.4	76	220 (SW)	497	89	5	1269	
SUM	855	327	---	---	---	1352	0	6.40	40.9	---	1267.5	---	---	5871	---	247	---	
AVG	28.5	10.9	---	---	---	---	---	---	---	---	42.3	FASTEST	DIR	POSS				
											MISC. ->	114	290 (W)	17696	33%	8.2	---	

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	19.7	TOTAL FOR THE MONTH	6.40	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-1.0	DEPARTURE FROM NORMAL	-3.45			2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	45	24 HOUR MAX	1.07 on 18th/19th	CLEAR (SCALE 0-3)	2	3 = THUNDER	
LOWEST	-9			PARTLY CLOUDY (SCALE 4-7)	4	4 = ICE PELLETS	
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	24	5 = HAIL	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	40.9	WITH .01" OR MORE PRECIP	20	6 = GLAZE OR RIME	
MAX. 32 OR BELOW	21	24 HOUR MAX	6.4 on 16th/17th	WITH .10" OR MORE PRECIP	17	7 = BLOWING DUST OR SAND	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	8 on 28th	WITH .50" OR MORE PRECIP	3	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	30			WITH 1.0" OR MORE PRECIP	1	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	4					9 = BLOWING SNOW	
		PRESSURE DATA (IN.)				X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.487 on 5th				
		LOWEST SEA-LEVEL	29.185 on 19th				
TOTAL THIS MONTH	1352	AVG STATION	23.671				
DEPARTURE FROM NORMAL	23						
SEASON TOTAL	3732						
DEPARTURE FROM NORMAL	-395						

NOTES:

4TH, 7TH: RIME ICE THICK ENOUGH TO CAUSE THE APPEARANCE OF A TRACE OF SNOW DEPTH

10TH: NEW DAILY RECORD LOW OF -9°F; PREVIOUS RECORD OF -6°F ORIGINALLY SET IN 1956

11TH: NEW DAILY RECORD LOW OF -8°F; PREVIOUS RECORD OF -6°F ORIGINALLY SET IN 1976

16TH, 19TH: SNOWFALL AND PRECIPITATION PARTIALLY ESTIMATED DUE TO UNREALISTICALLY LOW AMOUNT IN CAN FROM HIGH WINDS

26TH, 27TH: PRECIPITATION & SNOWFALL PARTIALLY ESTIMATED DUE TO UNREALISTICALLY HIGH AMOUNT IN CAN AT ONE COLLECTION FROM BLOWING SNOW

FASTEST 2 MINUTE WIND SPEED FOR THE MONTH IS THE LAST OF SEVERAL OCCURRENCES

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR					NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 308 HOURS OF PREVAILING WINDS FROM THE W, 43% OF THE TOTAL HOURS OF THE MONTH.
0600	1200	1800	0000	MONTH	
74	73	80	81	77	