

WS FORM F-6										STATION MOUNT WASHINGTON OBSERVATORY									
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MONTH DECEMBER					YEAR 2018				
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 SPEED DIR		TOTAL	% POSS				
1	25	16	21	15	6	44	0	0.00	0.0	22	25.3	41	320 (NW)	554	99	3			
2	36	19	28	15	13	37	0	0.62	1.5	22	38.4	69	190 (S)	0	0	10	12346		
3	31	4	18	14	4	47	0	0.42	3.3	21	55.2	101	290 (W)	33	6	9	1269		
4	6	-5	1	14	-13	64	0	0.08	1.6	23	60.5	97	320 (NW)	0	0	10	126		
5	9	-3	3	14	-11	62	0	T	T	23	19.4	67	320 (NW)	451	82	3	1269		
6	9	3	6	13	-7	59	0	0.13	1.3	23	43.3	70	280 (W)	0	0	10	1269		
7	9	-11	-1	13	-14	66	0	0.28	2.6	24	51.0	72	300 (NW)	115	21	9	1269		
8	-4	-12	-8	13	-21	73	0	0.01	0.1	24	46.6	79	290 (W)	525	95	5	1269		
9	8	-6	1	12	-11	64	0	0.10	0.7	23	54.5	84	290 (W)	370	67	6	1269		
10	13	-2	6	12	-6	59	0	0.05	0.4	23	48.5	85	300 (NW)	487	89	1	1269		
11	13	2	8	11	-3	57	0	T	T	22	26.5	44	240 (SW)	548	100	5	126		
12	12	-6	3	11	-8	62	0	0.14	2.4	22	41.3	83	320 (NW)	277	51	5	1269		
13	17	11	14	11	3	51	0	0.00	0.0	22	15.0	46	260 (W)	593	99	4	1269		
14	25	16	21	10	11	44	0	0.18	1.3	22	42.9	76	270 (W)	60	11	9	1269		
15	29	15	22	10	12	43	0	0.00	0.0	23	48.0	86	280 (W)	121	22	9	1269		
16	32	17	25	10	15	40	0	0.00	0.0	22	31.7	57	120 (SE)	260	48	9			
17	27	-2	13	9	4	52	0	0.30	2.8	21	40.5	106	300 (NW)	15	3	10	12469		
18	11	-9	1	9	-8	64	0	0.09	1.4	22	74.8	117	330 (NW)	0	0	10	1269		
19	22	3	13	9	4	52	0	0.00	0.0	18	67.0	100	320 (NW)	529	97	6			
20	38	22	30	9	21	35	0	0.00	0.0	16	31.4	60	300 (NW)	499	92	5	12		
21	44	33	39	8	31	26	0	1.98	0.0	9	59.3	105	160 (S)	0	0	10	12		
22	38	3	21	8	13	44	0	0.96	2.1	2	52.3	106	300 (NW)	0	0	10	12469		
23	16	-2	7	8	-1	58	0	0.06	0.4	2	47.0	102	300 (NW)	544	100	3	1269		
24	13	-3	5	8	-3	60	0	0.08	1.4	2	36.0	74	300 (NW)	55	10	10	1269		
25	3	-3	0	7	-7	65	0	0.00	0.0	3	52.6	82	320 (NW)	544	100	1	1269		
26	3	-6	-1	7	-8	66	0	0.03	0.6	3	56.5	85	310 (NW)	160	29	9	126		
27	17	-3	7	7	0	58	0	T	0.3	3	40.5	77	320 (NW)	491	90	5	126		
28	37	4	21	7	14	44	0	0.95	2.2	3	48.5	104	250 (W)	0	0	10	12469		
29	32	-2	15	6	9	50	0	0.32	2.1	3	69.1	107	320 (NW)	0	0	10	1269		
30	9	0	5	6	-1	60	0	0.02	0.4	3	30.6	65	320 (NW)	60	11	10	126		
31	22	7	15	6	9	50	0	0.10	0.9	3	35.8	73	200 (S)	220	40	9	126		
SUM	602	100	----	----	----	1656	0	6.90	29.8	----	1390.0	----	----	7511	----	225	----		
AVG	19.4	3.2	----	----	----	----	----	----	----	----	44.8	FASTEST MISC. ->	DIR 330 (NW)	POSS 16968	44%	7.3	----		

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	11.3	TOTAL FOR THE MONTH	6.90	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	1.2	DEPARTURE FROM NORMAL	-0.83	CLEAR (SCALE 0-3)	5	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	44 21st	24 HOUR MAX	2.00 21st/22nd	PARTLY CLOUDY (SCALE 4-7)	8	3 = THUNDER	
LOWEST	-12 8th	SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	18	4 = ICE PELLETS	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	29.8	WITH .01" OR MORE PRECIP	21	5 = HAIL	
MAX. 32 OR BELOW	26	24 HOUR MAX	3.9 3rd/4th	WITH .10" OR MORE PRECIP	13	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	25.0 7th	WITH .50" OR MORE PRECIP	4	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	30	PRESSURE DATA (IN.)		WITH 1.0" OR MORE PRECIP	1	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	16	HIGHEST SEA-LEVEL	30.685 27th			9 = BLOWING SNOW	
HEATING DEGREE DAYS (BASE 65°F)		LOWEST SEA-LEVEL	29.212 22nd			X = TORNADO	
TOTAL THIS MONTH	1656	AVG STATION	23.580				
DEPARTURE FROM NORMAL	-47						
SEASON TOTAL	5548						
DEPARTURE FROM NORMAL	-282						

NOTES:  
**2ND:** PRECIPITATION AND SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO COMPACTED SNOW IN CAN FROM FREEZING RAIN.  
**18TH:** SYNOPTIC PRECIPITATION AND SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO EXCESSIVE SNOW AND ICE IN CAN FROM BLOWING SNOW  
**21ST:** NEW DAILY RECORD HIGH OF 44°F; PREVIOUS RECORD OF 40°F ORIGINALLY SET IN 1967  
**21ST:** PRECIPITATION ESTIMATED AS A RESULT OF OBSERVER FALLING DOWN WITH CAN DUE TO ICY CONDITIONS  
**28TH:** SNOWFALL PARTIALLY ESTIMATED DUE TO MELTING PRIOR TO ONE CAN COLLECTION

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 355 HOURS OF PREVAILING WINDS FROM THE NW, 48% OF THE TOTAL HOURS OF THE MONTH.
0600	1200	1800	0000	MONTH	
77	77	81	78	78	
(77.4)	(77.1)	(80.9)	(78.2)	(78.4)	