

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH FEBRUARY				YEAR 2019			
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 SPEED	DIR	TOTAL	% POSS			
1	-13	-22	-17	5	-22	82	0	0.00	0.0	12	68.7	105	280 (W)	478	79	5	1269	
2	5	-15	-5	5	-10	70	0	0.10	1.0	12	69.3	107	280 (W)	23	4	10	1269	
3	28	-5	12	5	7	53	0	0.26	1.4	12	55.1	81	270 (W)	19	3	10	1269	
4	33	25	29	5	24	36	0	0.05	T	13	52.6	85	280 (W)	0	0	10	1269	
5	34	12	23	5	18	42	0	0.08	0.0	11	60.2	89	280 (W)	0	0	10	126	
6	32	17	25	5	20	40	0	0.23	0.4	10	30.9	68	330 (NW)	473	77	10	1246	
7	34	22	28	5	23	37	0	0.04	0.2	10	32.2	56	250 (W)	0	0	10	126	
8	37	-8	15	5	10	50	0	0.20	0.2	9	71.0	124	230 (SW)	45	7	9	1246	
9	-7	-14	-10	5	-15	75	0	0.01	0.2	9	87.5	148	280 (W)	293	47	6	1269	
10	-4	-13	-8	5	-13	73	0	0.00	0.0	9	65.3	101	290 (W)	566	90	6	1269	
11	6	-9	-1	6	-7	66	0	0.00	0.0	9	59.0	86	330 (NW)	620	99	4	126	
12	12	2	7	6	1	58	0	0.54	3.3	9	37.5	76	130 (SE)	146	23	8	1269	
13	16	0	8	6	2	57	0	0.87	5.1	11	46.3	92	280 (W)	0	0	10	12469	
14	19	-4	8	6	2	57	0	0.13	1.1	15	56.2	90	280 (W)	0	0	10	1269	
15	25	7	16	6	10	49	0	0.37	2.7	14	45.3	84	240 (SW)	0	0	10	1269	
16	8	-5	2	6	-4	63	0	0.05	0.8	16	52.4	84	310 (NW)	35	5	10	1269	
17	14	-3	6	6	0	59	0	0.00	0.0	16	37.3	74	310 (NW)	549	85	4		
18	9	-14	-2	7	-9	67	0	0.12	2.0	16	32.5	89	310 (NW)	0	0	10	1269	
19	-7	-15	-11	7	-18	76	0	0.00	0.0	16	73.0	102	310 (NW)	651	100	2	1269	
20	18	-11	4	7	-3	61	0	0.10	0.8	15	49.0	88	300 (NW)	294	45	9	1269	
21	19	8	14	7	7	51	0	0.38	4.4	15	62.3	111	290 (W)	0	0	10	1269	
22				7			0											
23				7			0											
24				8			0											
25				8			0											
26				8			0											
27				8			0											
28				8			0											
29				9			0											
SUM	318	-45	----	----	----	1222	0	3.53	23.6	----	1143.6	----	----	4192	----	173	----	
AVG	15.1	-2.1	----	----	----	----	----	----	----	----	54.5	FASTEST	DIR	POSS	23%	8.2	----	
											MISC. ->	148		17905			----	

TEMPERATURE DATA (°F)	PRECIPITATION DATA (IN.)	WEATHER	SYMBOLS USED IN COLUMN 16
AVERAGE MONTHLY 6.5	TOTAL FOR THE MONTH 3.53	NUMBER OF DAYS:	1 = FOG
DEPARTURE FROM NORMAL 0.4	DEPARTURE FROM NORMAL -3.24	CLEAR (SCALE 0-3)	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS
HIGHEST 37	24 HOUR MAX	PARTLY CLOUDY (SCALE 4-7)	3 = THUNDER
LOWEST -22	SNOWFALL, ICE PELLETS (IN.)	CLOUDY (SCALE 8-10)	4 = ICE PELLETS
NUMBER OF DAYS WITH:	TOTAL FOR THE MONTH 23.6	WITH .01" OR MORE PRECIP	5 = HAIL
MAX. 32 OR BELOW 17	24 HOUR MAX	WITH .10" OR MORE PRECIP	6 = GLAZE OR RIME
MAX. 90 OR ABOVE 0	MAX DEPTH ON GROUND	WITH .50" OR MORE PRECIP	7 = BLOWING DUST OR SAND
MIN. 32 OR BELOW 21	PRESSURE DATA (IN.)	WITH 1.0" OR MORE PRECIP	8 = SMOKE OR HAZE
MIN. 0 OR BELOW 14	HIGHEST SEA-LEVEL		9 = BLOWING SNOW
HEATING DEGREE DAYS (BASE 65°F)	LOWEST SEA-LEVEL		X = TORNADO
TOTAL THIS MONTH 1222	AVG STATION		
DEPARTURE FROM NORMAL -426			
SEASON TOTAL			
DEPARTURE FROM NORMAL -9346			
COOLING DEGREE DAYS (BASE 65F)			
TOTAL THIS MONTH 0			
DEPARTURE FROM NORMAL 0			
SEASON TOTAL 0			
DEPARTURE FROM NORMAL 0			

NOTES:				
3RD, 13TH, 14TH: PRECIPITATION AND SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO EXCESSIVE BLSN AND RIME IN CAN				
5TH: PRECIPITATION ESTIMATED AT ONE COLLECTION DUE TO EXCESSIVE RIME IN CAN				
7TH: SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO MELTING				
8TH: PRECIPITATION ESTIMATED AT ONE COLLECTION DUE TO UNREALISTICALLY LOW AMOUNT DUE TO HIGH WINDS				
8TH: DAILY RECORD HIGH OF 37°F EQUALED; RECORD ORIGINALLY SET IN 1937.				
9TH: PRECIPITATION CAN NOT COLLECTED AT ONE COLLECTION DUE TO HIGH WINDS. WHEN SAFE TO COLLECT LATER, PRECIPITATION AND SNOWFALL ESTIMATED DUE TO EXCESSIVE SNOW IN CAN FROM BLOWING SNOW				

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR				
0600	1200	1800	0000	MONTH
				#DIV/0!

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