

WS FORM F-6											STATION								
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MOUNT WASHINGTON OBSERVATORY								
											MONTH				YEAR				
											FEBRUARY				2019				
LATITUDE						LONGITUDE					GROUND ELEVATION (H)				STANDARD TIME				
44 DEGREES 16 MINUTES NORTH						71 DEGREES 18 MINUTES WEST					6280 FT				EASTERN				
TEMPERATURE (°F)						PRECIPITATION (IN.)					WIND (MPH)				SUNSHINE		SKY	WEATHER	
						DEGREE DAYS		TOTAL	SNOW & ICE	SNOW/ICE ON GROUND-7AM	AVG SPEED	FASTEST MILE		TOTAL	% POSS	COVER	OCCUR.		
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	(EQUIV)				SPEED	DIR	(MINUTES)	(TENTHS)				
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	10	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	1	1269		
20	18	-11	4	7	-3	61	0	0.10	0.8	15	49.0	88	300 (NW)	294	45	9	126		
21	19	8	14	7	7	51	0	0.38	4.4	15	62.3	111	290 (W)	0	0	10	1269		
22	10	1	6	7	-1	59	0	0.03	0.3	16	50.4	98	300 (NW)	546	83	5	1269		
23	21	6	14	7	7	51	0	0.00	0.0	15	36.0	56	310 (NW)	659	99	9			
24	27	11	19	8	11	46	0	0.74	4.4	15	48.3	117	140 (SE)	0	0	10	12469		
25	11	-13	-1	8	-9	66	0	0.73	8.5	16	110.1	171	290 (W)	0	0	10	1269		
26	-13	-27	-20	8	-28	85	0	0.01	0.2	10	82.9	123	300 (NW)	90	13	10	1269		
27	-1	-29	-15	8	-23	80	0	0.02	0.4	10	50.4	103	310 (NW)	379	56	7	126		
28	3	-7	-2	8	-10	67	0	T	0.2	10	26.3	55	330 (NW)	680	100	1	12		
SUM	376	-103	----	----	----	1676	0	5.06	37.6	----	1548.0	----	----	6546	----	226	----		
AVG	13.4	-3.7	----	----	----	----	----	----	----	----	55.3	FASTEST	DIR	POSS	----	8.1	----		
											MISC. ->	171	290 (W)	17905	37%				

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	4.9	TOTAL FOR THE MONTH	5.06	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-1.2	DEPARTURE FROM NORMAL	-1.71			2 = FOG REDUCING VISIBILITY	
HIGHEST	37 on 8th	24 HOUR MAX	1.24 on 12th/13th	CLEAR (SCALE 0-3)	2	TO 1/4 MILE OR LESS	
LOWEST	-29 on 27th			PARTLY CLOUDY (SCALE 4-7)	7	3 = THUNDER	
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	19	4 = ICE PELLETS	
NUMBER OF DAYS WITH:						5 = HAIL	
		TOTAL FOR THE MONTH	37.6	WITH .01" OR MORE PRECIP	21	6 = GLAZE OR RIME	
MAX. 32 OR BELOW	24	24 HOUR MAX	8.4 on 25th	WITH .10" OR MORE PRECIP	13	7 = BLOWING DUST OR SAND	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	17 on 18th	WITH .50" OR MORE PRECIP	4	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	28			WITH 1.0" OR MORE PRECIP	0	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	18					9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.607 on 20th				
		LOWEST SEA-LEVEL	29.035 on 25th				
TOTAL THIS MONTH	1676	AVG STATION	23.531				
DEPARTURE FROM NORMAL	28						
SEASON TOTAL	9127						
DEPARTURE FROM NORMAL	-219						
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				
0600	1200	1800	0000	MONTH
80	84	86	87	84
(80.2)	(83.5)	(85.5)	(87.3)	(84.1)

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 327 HOURS OF PREVAILING WINDS FROM THE W, 49% OF THE TOTAL HOURS OF THE MONTH.