

WS FORM F-6										STATION									
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MOUNT WASHINGTON OBSERVATORY									
										MONTH					YEAR				
										MARCH					2016				
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 (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	21	-12	5	9	-4	60	0	0.26	2.9	9	58.4	118	270 (W)	403	59	6	12369		
2	28	-16	6	9	-3	59	0	0.65	5.1	9	63.8	106	280 (W)	0	0	10	1269		
3	-7	-20	-13	9	-22	78	0	0.00	0.0	10	58.8	96	280 (W)	582	84	6	126		
4	7	-7	0	9	-9	65	0	T	0.7	10	21.5	40	270 (W)	60	8	10	126		
5	4	-4	0	10	-10	65	0	0.00	0.0	10	20.3	39	300 (NW)	570	82	4			
6	10	-1	5	10	-5	60	0	T	T	10	19.8	42	260 (W)	266	38	8	12		
7	22	8	15	10	5	50	0	0.27	1.9	10	53.5	88	250 (W)	15	2	10	1269		
8	33	20	27	10	17	38	0	0.00	0.0	11	41.8	71	290 (W)	671	95	5	12		
9	41	32	37	11	26	28	0	0.06	0.0	8	63.2	105	250 (W)	0	0	10	12		
10	39	31	35	11	24	30	0	1.01	0.3	3	44.9	104	250 (W)	0	0	10	1246		
11	32	11	22	11	11	43	0	0.32	1.1	3	47.5	76	310 (NW)	535	75	5	12469		
12	32	16	24	11	13	41	0	0.00	0.0	3	56.0	102	280 (W)	673	94	4	12		
13	31	13	22	12	10	43	0	0.00	0.0	3	50.2	109	280 (W)	697	97	8	126		
14	32	15	24	12	12	41	0	0.35	1.4	3	28.8	59	150 (SE)	121	17	10	12469		
15	38	22	30	12	18	35	0	0.13	0.2	4	31.5	54	140 (SE)	0	0	10	1246		
16	37	26	32	13	19	33	0	0.34	2.0	3	14.6	38	210 (SW)	430	59	8	1246		
17	27	18	23	13	10	42	0	0.28	2.5	5	39.4	83	250 (W)	10	1	10	12369		
18	19	-6	7	13	-6	58	0	0.31	3.6	5	55.3	82	280 (W)	90	12	10	1269		
19	6	-7	0	14	-14	65	0	0.00	0.0	7	53.5	75	290 (W)	672	91	5	126		
20	21	5	13	14	-1	52	0	0.00	0.0	6	12.3	37	030 (NE)	677	91	4			
21	14	1	8	14	-6	57	0	0.28	3.4	7	39.0	97	270 (W)	260	35	9	1269		
22	19	-5	7	15	-8	58	0	0.07	0.8	8	61.9	103	270 (W)	170	23	9	1269		
23	23	10	17	15	2	48	0	0.18	1.2	8	43.8	79	250 (W)	65	9	10	1269		
24	32	14	23	15	8	42	0	0.16	1.4	9	34.5	90	220 (SW)	15	2	10	1269		
25	38	16	27	16	11	38	0	0.48	0.0	9	48.9	99	210 (SW)	0	0	10	1269		
26	36	22	29	16	13	36	0	0.00	0.0	7	14.5	47	340 (N)	758	100	1			
27	38	25	32	16	16	33	0	0.00	0.0	6	17.7	37	190 (S)	762	100	4			
28	37	21	29	17	12	36	0	0.93	1.5	6	43.3	87	150 (SE)	0	0	10	12469		
29	21	6	14	17	-3	51	0	0.32	2.3	7	71.5	133	290 (W)	0	0	10	1269		
30	28	6	17	18	-1	48	0	0.00	0.0	6	43.8	74	300 (NW)	540	70	8	129		
31	41	26	34	18	16	31	0	0.07	0.0	6	56.1	94	220 (SW)	50	6	10	12		
SUM	800	286	---	---	---	1464	0	6.47	32.3	---	1310.1	---	---	9092	---	244	---		
AVG	25.8	9.2	---	---	---	---	---	---	---	---	42.3	FASTEST	DIR	POSS	40%	7.9	---		
											MISC. ->	133	290 (W)	22568			---		

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	17.5	TOTAL FOR THE MONTH	6.47	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	4.7	DEPARTURE FROM NORMAL	-1.20			2 = FOG REDUCING VISIBILITY	
HIGHEST	41 on 9th, 31st	24 HOUR MAX	1.25 on 10th/11th and 28th/29th	CLEAR (SCALE 0-3)	1	TO 1/4 MILE OR LESS	
LOWEST	-20 on 3rd			PARTLY CLOUDY (SCALE 4-7)	9	3 = THUNDER	
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	21	4 = ICE PELLETS	
NUMBER OF DAYS WITH:						5 = HAIL	
		TOTAL FOR THE MONTH	32.3	WITH .01" OR MORE PRECIP	19	6 = GLAZE OR RIME	
MAX. 32 OR BELOW	21	24 HOUR MAX	5.1 on 1st/2nd	WITH .10" OR MORE PRECIP	16	7 = BLOWING DUST OR SAND	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	11 on 7th, 8th	WITH .50" OR MORE PRECIP	3	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	31			WITH 1.0" OR MORE PRECIP	1	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	9	PRESSURE DATA (IN.)				9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.423 on 26th				
		LOWEST SEA-LEVEL	29.339 on 29th				
TOTAL THIS MONTH	1464	AVG STATION	23.602				
DEPARTURE FROM NORMAL	-153						
SEASON TOTAL	9837						
DEPARTURE FROM NORMAL	-1126						
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
79	79	78	80	79

NOTES:

4TH, 22ND, 29TH: DAILY PRECIPITATION AND SNOWFALL PARTIALLY ESTIMATED DUE TO EXCESSIVE SNOW IN CAN FROM BLOWING SNOW.

10TH: DAILY RECORD HIGH OF 39F TIED; ORIGINAL RECORD SET IN 1998.

10TH: DAILY PRECIPITATION PARTIALLY ESTIMATED DUE TO UNREALISTICALLY HIGH AMOUNT DUE TO FOG AND MELT BLOWN IN

10TH, 11TH: DAILY SNOWFALL ESTIMATED DUE TO MELTING PRIOR TO ONE COLLECTION

18TH: DAILY PRECIPITATION AND SNOWFALL PARTIALLY ESTIMATED DUE TO UNREALISTICALLY DENSE AMOUNT AT ONE COLLECTION DUE TO BLOWING SNOW.

28TH: DAILY SNOWFALL PARTIALLY ESTIMATED DUE TO SNOW MELTING PRIOR TO ONE COLLECTION.

GREATEST SNOW DEPTH OF 11 INCHES OCCURRED AT 18Z ON THE 7TH, 00Z, AND 06Z ON THE 8TH

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 378 HOURS OF PREVAILING WINDS FROM THE W, 51% OF THE TOTAL HOURS OF THE MONTH.