

WS FORM F-6											STATION							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MOUNT WASHINGTON OBSERVATORY							
											MONTH				YEAR			
											MARCH				2008			
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.
DEGREE DAYS						TOTAL	SNOW & ICE	SNOW/ICE ON GROUND-6AM		AVG SPEED	FASTEST MILE		TOTAL		% POSS			
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	(EQUIV)	ICE		SPEED	SPEED	DIR					
1	17	0	9	9	0	56	0	0.92	9.5	14	45.3	77	W	0	0	10	1269	
2	17	-6	6	10	-4	59	0	0.51	4.0	18	67.0	100	NW	280	41	6	1269	
3	35	16	26	10	16	39	0	0.01	0.0	13	53.4	94	SW	125	18	9	126	
4	35	12	24	10	14	41	0	0.32	0.9	9	57.1	108	W	0	0	10	1246	
5	32	5	19	11	8	46	0	0.59	2.0	9	60.8	110	W	0	0	10	1246	
6	19	4	12	11	1	53	0	0.00	0.0	10	40.3	87	W	698	100	3	126	
7	30	13	22	11	11	43	0	0.15	0.6	10	30.3	61	SE	564	80	5	1269	
8	39	22	31	11	20	34	0	1.27	T	10	42.6	75	SE	130	18	9	1246	
9	24	-9	8	12	-4	57	0	0.12	0.9	5	79.0	114	W	0	0	10	1269	
10	4	-9	-2	12	-14	67	0	T	T	5	41.5	84	NW	290	41	9	1269	
11	13	-5	4	12	-8	61	0	0.00	0.0	5	31.7	61	W	706	99	3	9	
12	14	-4	5	13	-8	60	0	0.25	3.2	5	43.8	95	NW	0	0	10	1269	
13	17	-6	6	13	-7	59	0	0.03	0.9	6	37.3	94	NW	594	83	6	1269	
14	21	12	17	13	4	48	0	0.04	0.7	6	29.0	63	W	165	23	9	1269	
15	27	16	22	13	9	43	0	0.17	2.5	9	12.9	27	W	20	3	10	126	
16	18	1	10	14	-4	55	0	0.38	3.6	10	28.4	77	NW	0	0	10	1269	
17	11	-3	4	14	-10	61	0	0.15	1.3	9	45.4	80	NW	709	97	1	1269	
18	23	10	17	14	3	48	0	0.00	0.0	7	17.0	42	N	533	73	6		
19	34	6	20	14	6	45	0	0.42	1.2	7	39.1	60	S	0	0	10	12469	
20	36	1	19	15	4	46	0	0.23	0.9	5	57.3	123	W	0	0	10	1269	
21	2	-10	-4	15	-19	69	0	0.12	0.7	6	104.3	145	W	0	0	10	1269	
22	4	-11	-3	15	-18	68	0	0.00	0.0	6	80.2	109	W	0	0	10	1269	
23	0	-10	-5	16	-21	70	0	0.00	0.0	6	59.9	94	W	750	100	3	9	
24	9	-5	2	16	-14	63	0	0.05	0.4	6	41.4	56	W	99	13	8	126	
25	15	-4	6	16	-10	59	0	0.01	0.1	6	28.3	83	SW	566	75	3	1269	
26	20	10	15	16	-1	50	0	0.07	0.5	5	54.5	83	SW	15	2	10	1269	
27	16	8	12	17	-5	53	0	0.00	0.0	5	36.4	61	W	345	45	8	1269	
28	24	3	14	17	-3	51	0	0.50	6.4	9	12.4	54	NW	0	0	10	1269	
29	4	-8	-2	17	-19	67	0	0.09	1.1	8	67.0	99	W	0	0	10	1269	
30	17	-3	7	17	-10	58	0	0.00	0.0	6	28.2	79	NW	770	100	1	1269	
31	32	10	21	18	3	44	0	0.45	1.6	6	45.9	81	SW	40	5	10	12469	
SUM	609	56	----	----	----	1673	0	6.85	43.0	----	1417.7	----	----	7399	----	239	----	
AVG	19.6	1.8	----	----	----	----	----	----	----	----	45.7	FASTEST	DIR	POSS	%		----	
											MISC. ->	145	W	22568	33%	7.7	----	

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	10.7	TOTAL FOR THE MONTH	6.85	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-2.9	DEPARTURE FROM NORMAL	-2.57			2 = FOG REDUCING VISIBILITY	
HIGHEST	39 on 8th	24 HOUR MAX	1.31 on 8/9th	CLEAR (SCALE 0-3)	6	TO 1/4 MILE OR LESS	
LOWEST	-11 on 22nd			PARTLY CLOUDY (SCALE 4-7)	4		
NUMBER OF DAYS WITH:		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	21		
		TOTAL FOR THE MONTH	43.0	WITH .01" OR MORE PRECIP	23	6 = GLAZE OR RIME	
MAX. 32 OR BELOW	26	24 HOUR MAX	12.0 on 1/2nd	WITH .10" OR MORE PRECIP	16	7 = BLOWING DUST OR SAND	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	18 on 2nd	WITH .50" OR MORE PRECIP	5	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	15	PRESSURE DATA (IN.)				9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	31.214 on 30th				
		LOWEST SEA-LEVEL	29.158 on 9th				
TOTAL THIS MONTH	1673	AVG STATION	23.532				
DEPARTURE FROM NORMAL	80						
SEASON TOTAL	10706						
DEPARTURE FROM NORMAL	-276						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

NOTES: 21st: WIND GUST CORRECTED USING TEMPERATURE/PRESSURE AT TIME OF GUST				
21st: WINDS ESTIMATED FOR APPROXIMATELY A TOTAL OF 6 HOURS DUE TO ICE IN PITOT LINES.				

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR				
0600	1200	1800	0000	MONTH
84	86	86	86	86

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 360 HOURS OF PREVAILING WINDS FROM THE W, 48% OF THE TOTAL HOURS OF THE MONTH.