

WS FORM F-6											STATION										
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MOUNT WASHINGTON OBSERVATORY										
											MONTH				YEAR						
											MARCH				2009						
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	22	14	18	9	9	47	0	0.00	0.0	20	10.5	22	SW	180	26	9					
2	18	-8	5	10	-5	60	0	0.24	4.2	22	12.8	32	E	0	0	10			1269		
3	-1	-14	-7	10	-17	72	0	0.00	0.0	23	32.3	63	NW	667	97	4			1269		
4	-4	-16	-10	10	-20	75	0	0.00	0.0	20	64.7	90	NW	10	1	10			1269		
5	20	-9	6	11	-5	59	0	0.03	0.4	20	39.8	63	NW	595	86	4			1269		
6	35	13	24	11	13	41	0	0.13	0.2	20	55.3	101	W	0	0	10			12469		
7	29	19	24	11	13	41	0	0.39	1.0	12	52.5	96	W	172	25	10			1246		
8	32	13	23	11	12	42	0	0.24	0.9	13	51.2	96	NW	25	4	10			12469		
9	32	18	25	12	13	40	0	0.28	1.0	13	12.8	37	S	0	0	10			126		
10	37	16	27	12	15	38	0	T	0.1	13	17.0	54	S	534	75	8			1269		
11	34	3	19	12	7	46	0	0.37	1.0	12	68.8	118	W	0	0	10			12469		
12	4	-12	-4	13	-17	69	0	0.00	0.0	12	72.0	110	NW	45	6	10			1269		
13	3	-14	-5	13	-18	70	0	0.00	0.0	12	41.3	71	NW	714	99	3			126		
14	16	1	9	13	-4	56	0	0.00	0.0	12	51.2	76	W	722	100	1					
15	24	12	18	13	5	47	0	0.00	0.0	12	30.0	43	NW	725	100	1					
16	23	16	20	14	6	45	0	0.00	0.0	12	23.8	31	W	728	100	1					
17	26	19	23	14	9	42	0	0.00	0.0	12	24.6	37	W	722	99	5					
18	34	22	28	14	14	37	0	0.30	0.2	11	49.3	83	W	18	2	10			1246		
19	22	2	12	14	-2	53	0	0.08	0.5	11	55.5	85	W	420	57	8			12469		
20	12	6	9	15	-6	56	0	0.00	0.0	11	10.7	33	N	723	98	1					
21	16	7	12	15	-3	53	0	0.00	0.0	10	26.3	60	W	743	100	3					
22	11	-6	3	15	-12	62	0	0.18	2.1	10	52.2	89	N	117	16	9			1269		
23	-1	-14	-7	16	-23	72	0	0.00	0.0	11	47.1	73	NW	205	27	9			1269		
24	18	-2	8	16	-8	57	0	0.00	0.0	11	38.2	69	N	528	70	5			1269		
25	33	16	25	16	9	40	0	0.00	0.0	11	13.4	28	W	755	100	1					
26	43	26	35	16	19	30	0	0.45	T	11	16.8	38	SW	513	68	9			1246		
27	29	21	25	17	8	40	0	0.05	0.2	10	32.3	55	W	367	48	6			1246		
28	35	23	29	17	12	36	0	0.00	0.0	10	23.5	39	SW	405	53	6			1		
29	41	28	35	17	18	30	0	0.15	0.0	10	32.3	62	SE	0	0	10			126		
30	35	17	26	17	9	39	0	0.83	5.0	9	36.2	84	NW	0	0	10			1269		
31	34	15	25	18	7	40	0	0.00	0.0	11	34.8	86	NW	434	56	5			1269		
SUM	712	232	----	----	----	1535	0	3.72	16.8	----	1129.2	----	----	11067	----	208	----	----	----		
AVG	23.0	7.5	----	----	----	----	----	----	----	----	36.4	118	W	22568	49%	6.7	----	----	----		

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	15.3	TOTAL FOR THE MONTH	3.72	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	1.7	DEPARTURE FROM NORMAL	-5.70			2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	43 on 26th	24 HOUR MAX	0.83 on 30th	CLEAR (SCALE 0-3)	7		
LOWEST	-16 on 4th	SNOWFALL, ICE PELLETS (IN.)		PARTLY CLOUDY (SCALE 4-7)	7		
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	16.8	CLOUDY (SCALE 8-10)	17		
MAX. 32 OR BELOW	21	24 HOUR MAX	5.0 on 30th	WITH .01" OR MORE PRECIP	14		
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	23 on 2nd/3rd	WITH .10" OR MORE PRECIP	11		
MIN. 32 OR BELOW	31			WITH .50" OR MORE PRECIP	1		
MIN. 0 OR BELOW	9	PRESSURE DATA (IN.)		WITH 1.0" OR MORE PRECIP	0		
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.542 on 24th				
		LOWEST SEA-LEVEL	29.329 on 30th				
TOTAL THIS MONTH	1535	AVG STATION	23.662				
DEPARTURE FROM NORMAL	-58						
SEASON TOTAL	10877						
DEPARTURE FROM NORMAL	-105						
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	78	77	74	77

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 269 HOURS OF PREVAILING WINDS FROM THE W, 36% OF THE TOTAL HOURS OF THE MONTH.