

WS FORM F-6											STATION										
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MOUNT WASHINGTON OBSERVATORY										
											MONTH				YEAR						
											MARCH				2013						
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	16	10	13	9	4	52	0	0.08	1.1	21	23.3	42	NW	30	4	10	1269				
2	19	10	15	9	6	50	0	0.05	1.5	22	25.5	44	N	0	4	10	126				
3	17	8	13	9	4	52	0	T	0.2	22	29.3	55	NW	0	0	10	1269				
4	14	6	10	9	1	55	0	0.26	2.6	22	41.3	70	N	0	0	10	1269				
5	16	10	13	10	3	52	0	0.04	0.6	23	34.8	52	N	0	0	10	1269				
6	13	6	10	10	0	55	0	0.19	2.4	24	43.5	68	E	0	0	10	1269				
7	25	5	15	10	5	50	0	T	0.1	24	26.5	53	E	150	21	10	1269				
8	22	14	18	10	8	47	0	0.04	0.6	24	54.1	80	E	40	6	10	1269				
9	29	22	26	11	15	39	0	0.00	0.0	23	20.3	39	NE	706	100	3					
10	36	26	31	11	20	34	0	0.00	0.0	23	19.7	50	W	565	80	8					
11	42	28	35	11	24	30	0	T	0.0	22	37.5	71	SW	185	26	10					
12	33	26	30	11	19	35	0	1.09	0.7	21	48.5	74	S	0	0	10	1246				
13	32	9	21	12	9	44	0	0.11	1.1	18	27.2	56	NW	305	42	8	126				
14	10	-12	-1	12	-13	66	0	0.45	7.2	19	35.1	61	NW	0	0	10	1269				
15	7	-13	-3	12	-15	68	0	0.29	3.4	21	46.7	81	N	269	37	8	1269				
16	3	-5	-1	13	-14	66	0	0.29	4.6	25	35.5	70	N	115	16	9	1269				
17	-1	-12	-6	13	-19	71	0	0.20	1.0	25	57.6	86	NW	114	16	9	1269				
18	21	-10	6	13	-7	59	0	T	T	24	33.3	70	NW	563	77	5					
19	16	4	10	14	-4	55	0	0.99	16.0	26	37.3	59	SE	0	0	10	1269				
20	7	1	4	14	-10	61	0	0.57	8.0	33	56.2	95	NW	0	0	10	1269				
21	11	-1	5	14	-9	60	0	0.05	1.5	30	23.3	62	W	360	48	8	1269				
22	8	0	4	15	-11	61	0	0.29	3.9	31	30.8	69	NW	170	23	9	1269				
23	9	1	5	15	-10	60	0	0.45	5.9	32	78.2	109	NW	0	0	10	1269				
24	16	7	12	15	-3	53	0	T	0.2	32	38.9	74	NW	180	24	9	1269				
25	15	9	12	16	-4	53	0	0.10	0.9	32	20.2	38	E	175	23	9	126				
26	15	6	11	16	-5	54	0	0.02	0.2	33	31.0	53	N	360	47	6	1269				
27	18	11	15	16	-1	50	0	0.27	2.3	33	34.3	58	N	0	0	10	1269				
28	20	13	17	17	0	48	0	0.04	0.5	34	29.3	44	N	0	0	10	1269				
29	23	16	20	17	3	45	0	0.28	2.1	34	38.2	59	NW	0	0	10	1269				
30	18	13	16	18	-2	49	0	0.03	0.3	35	33.9	51	NW	770	100	1	126				
31	24	13	19	18	1	46	0	0.10	1.0	34	28.0	66	S	564	73	8	1269				
SUM	554	221	----	----	----	1620	0	6.28	69.9	----	1119.3	----	----	5621	----	270	----				
AVG	17.9	7.1	----	----	----	----	----	----	----	----	36.1	FASTEST	DIR	POSS	%	8.7	----				
											MISC. ->	109	NW	22568	25%		----				

  

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	12.5	TOTAL FOR THE MONTH	6.28	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-0.3	DEPARTURE FROM NORMAL	-1.39			2 = FOG REDUCING VISIBILITY	
HIGHEST	42 on 11th	24 HOUR MAX	1.09 on 12th	CLEAR (SCALE 0-3)	2	TO 1/4 MILE OR LESS	
LOWEST	-13 on 15th			PARTLY CLOUDY (SCALE 4-7)	2		
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	27		
NUMBER OF DAYS WITH:				WITH .01" OR MORE PRECIP	24	5 = HAIL	
MAX. 32 OR BELOW	28	TOTAL FOR THE MONTH	69.9	WITH .10" OR MORE PRECIP	16	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	24 HOUR MAX	16.0 on 19th	WITH .50" OR MORE PRECIP	3	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	31	MAX DEPTH ON GROUND	35 on 30th/31st	WITH 1.0" OR MORE PRECIP	1	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	7					9 = BLOWING SNOW	
		PRESSURE DATA (IN.)				X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.420 on 9th				
		LOWEST SEA-LEVEL	29.569 on 23rd				
TOTAL THIS MONTH	1620	AVG STATION	23.466				
DEPARTURE FROM NORMAL	3						
SEASON TOTAL	10401						
DEPARTURE FROM NORMAL	-562						
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
85	86	86	86	86

  

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 286 HOURS OF PREVAILING WINDS FROM THE NW, 38% OF THE TOTAL HOURS OF THE MONTH.