

WS FORM F-6											STATION							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MOUNT WASHINGTON OBSERVATORY							
											MONTH				YEAR			
											APRIL				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		COVER	WEATHER			
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	(EQUIV)	ICE		SPEED	SPEED	DIR					
1	40	16	28	18	10	37	0	1.00	0.3	6	60.5	109	W	0	0	10	12346	
2	17	1	9	18	-9	56	0	0.15	1.1	5	78.0	113	W	425	54	7	12469	
3	17	3	10	19	-9	55	0	0.00	0.0	5	58.8	109	W	660	84	4	126	
4	30	16	23	19	4	42	0	0.55	3.1	5	27.5	66	SE	0	0	10	12469	
5	32	21	27	19	8	38	0	0.14	0.0	8	32.8	56	NW	273	35	9	126	
6	25	14	20	19	1	45	0	T	T	8	25.9	46	SE	45	6	10	126	
7	24	15	20	20	0	45	0	0.00	0.0	8	29.9	47	SE	685	86	3	126	
8	38	20	29	20	9	36	0	0.00	0.0	7	24.4	35	SW	764	96	5		
9	41	32	37	20	17	28	0	0.00	0.0	6	25.1	67	W	420	52	8	12	
10	35	17	26	21	5	39	0	0.00	0.0	5	60.3	89	W	75	9	10	12	
11	38	19	29	21	8	36	0	0.31	T	5	41.2	62	W	55	7	9	12	
12	39	15	27	21	6	38	0	0.29	T	5	50.1	118	SW	25	3	10	1246	
13	19	10	15	22	-7	50	0	0.24	2.6	5	38.1	67	W	0	0	10	12469	
14	15	12	14	22	-8	51	0	0.04	0.4	5	46.4	66	W	199	24	9	1269	
15	21	12	17	22	-5	48	0	0.00	0.0	5	30.4	46	NW	819	100	1		
16	44	19	32	23	9	33	0	0.00	0.0	5	17.5	31	W	821	100	3		
17	50	37	44	23	21	21	0	0.00	0.0	4	8.1	23	N	826	100	2		
18	51	40	46	24	22	19	0	0.00	0.0	2	11.8	31	W	824	99	3		
19	53	37	45	24	21	20	0	0.00	0.0	1	11.3	34	S	831	100	2		
20	46	36	41	24	17	24	0	0.00	0.0	1	21.3	42	SW	776	93	7		
21	51	38	45	25	20	20	0	0.00	0.0	1	8.0	21	W	668	80	7		
22	51	39	45	25	20	20	0	0.00	0.0	1	13.0	31	NW	475	57	8		
23	51	34	43	26	17	22	0	0.56	0.0	1	30.8	65	NW	320	38	7	123	
24	35	22	29	26	3	36	0	T	0.0	1	48.2	82	NW	691	82	4	126	
25	41	29	35	27	8	30	0	0.00	0.0	1	20.8	51	NW	661	78	6		
26	47	32	40	27	13	25	0	0.00	0.0	1	15.0	30	NW	685	80	5		
27	43	32	38	27	11	27	0	0.17	0.0	T	12.1	33	W	35	4	10	12	
28	41	26	34	28	6	31	0	0.46	0.1	T	38.1	68	SE	65	8	10	126	
29	40	13	27	28	-1	38	0	1.99	7.2	T	39.4	87	W	0	0	10	1269	
30	17	8	13	29	-16	52	0	0.08	0.8	3	43.5	83	W	45	5	9	1269	
SUM	1092	665	----	----	----	1062	0	5.98	15.6	----	968.3	----	----	12168	----	208	----	
AVG	36.4	22.2	----	----	----	----	----	----	----	----	32.3	FASTEST	DIR	POSS	%		----	
											MISC. ->	118	SW	24607	49%	6.9	----	

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	29.3	TOTAL FOR THE MONTH	5.98	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	6.4	DEPARTURE FROM NORMAL	-2.45			2 = FOG REDUCING VISIBILITY	
HIGHEST	53 on 19th	24 HOUR MAX	2.16 on 28/29th	CLEAR (SCALE 0-3)	6	TO 1/4 MILE OR LESS	
LOWEST	1 on 2nd	SNOWFALL, ICE PELLETS (IN.)		PARTLY CLOUDY (SCALE 4-7)	9		
NUMBER OF DAYS WITH:				CLOUDY (SCALE 8-10)	15		
MAX. 32 OR BELOW	10	TOTAL FOR THE MONTH	15.6	WITH .01" OR MORE PRECIP	13	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	24 HOUR MAX	7.2 on 29th	WITH .10" OR MORE PRECIP	11	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	23	MAX DEPTH ON GROUND	8 on 4/5/6/7th	WITH .50" OR MORE PRECIP	4	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 0 OR BELOW	0	PRESSURE DATA (IN.)		WITH 1.0" OR MORE PRECIP	2	8 = SMOKE OR HAZE	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.456 on 21st			9 = BLOWING SNOW	
TOTAL THIS MONTH	1062	LOWEST SEA-LEVEL	29.499 on 13th			X = TORNADO	
DEPARTURE FROM NORMAL	-201	AVG STATION	23.777				
SEASON TOTAL	11768	NOTES: 23RD: NEW DAILY RECORD HIGH OF 51°F, ORIGINAL RECORD OF 50°F WAS SET IN 2007.					
DEPARTURE FROM NORMAL	-477						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0	AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR					
DEPARTURE FROM NORMAL	0	0600	1200	1800	0000	MONTH	
SEASON TOTAL	0	73	71	74	73	73	
DEPARTURE FROM NORMAL	0	NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 289 HOURS OF PREVAILING WINDS FROM THE W 39% OF THE TOTAL HOURS OF THE MONTH.					