

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY										
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH MAY			YEAR 2008							
LATITUDE 44 DEGREES 16 MINUTES NORTH					LONGITUDE 71 DEGREES 18 MINUTES WEST						GROUND ELEVATION (H) 6280 FT			STANDARD TIME 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			(TENTHS)	OCCUR.				
1	22	12	17	30	-13	48	0	0.03	0.3	4	27.0	43	W	65	8	9	126				
2	34	18	26	30	-4	39	0	0.00	0.0	4	10.2	30	W	490	57	7					
3	39	27	33	30	3	32	0	0.20	0.0	3	20.4	40	S	0	0	10	126				
4	40	29	35	31	4	30	0	0.22	0.0	1	27.3	51	S	5	1	10	126				
5	42	24	33	31	2	32	0	0.00	0.0	1	16.3	31	NW	825	94	4	126				
6	45	28	37	32	5	28	0	T	T	T	22.8	13	W	550	63	7					
7	40	26	33	32	1	32	0	0.01	0.0	T	31.0	60	NW	748	85	6	12				
8	44	26	35	32	3	30	0	0.02	0.0	T	45.2	68	W	40	5	10	126				
9	43	23	33	33	0	32	0	0.00	0.0	T	20.0	57	NW	750	85	9	126				
10	39	25	32	33	-1	33	0	0.00	0.0	T	23.0	38	N	670	76	9	126				
11	42	24	33	34	-1	32	0	0.00	0.0	T	19.2	44	N	828	93	2	126				
12	33	19	26	34	-8	39	0	0.00	0.0	T	31.7	53	E	525	89	9	126				
13	40	24	32	35	-3	33	0	0.00	0.0	T	27.0	49	NE	709	79	6					
14	50	35	43	35	8	22	0	0.00	0.0	T	16.0	33	SW	827	92	3					
15	45	29	37	35	2	28	0	0.25	0.0	T	24.0	49	W	5	1	10	126				
16	44	27	36	36	-1	29	0	0.00	0.0	T	12.6	33	NW	489	54	9					
17				36			0														
18				37			0														
19				37			0														
20				37			0														
21				38			0														
22				38			0														
23				38			0														
24				39			0														
25				39			0														
26				39			0														
27				40			0														
28				40			0														
29				40			0														
30				40			0														
31				41			0														
SUM	642	396	----	----	----	519	0	0.73	0.3	----	373.7	----	----	7526	----	120	----				
AVG	40.1	24.8	----	----	----	----	----	----	----	----	23.4	FASTEST	DIR	POSS	%	7.5	----				
											MISC. ->	68		27878	27%		----				

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	32.5	TOTAL FOR THE MONTH	0.73	NUMBER OF DAYS:	1 = FOG		
DEPARTURE FROM NORMAL	-3.1	DEPARTURE FROM NORMAL	-7.48	CLEAR (SCALE 0-3)	2	TO 1/4 MILE OR LESS	
HIGHEST	50	24 HOUR MAX		PARTLY CLOUDY (SCALE 4-7)	5	3 = THUNDER	
LOWEST	12	SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	9	4 = ICE PELLETS	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	0.3	WITH .01" OR MORE PRECIP	6	5 = HAIL	
MAX. 32 OR BELOW	1	24 HOUR MAX		WITH .10" OR MORE PRECIP	3	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND		WITH .50" OR MORE PRECIP	0	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	15			WITH 1.0" OR MORE PRECIP	0	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 0 OR BELOW	0	PRESSURE DATA (IN.)				8 = SMOKE OR HAZE	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL				9 = BLOWING SNOW	
TOTAL THIS MONTH	519	LOWEST SEA-LEVEL				X = TORNADO	
DEPARTURE FROM NORMAL	-394	AVG STATION					
SEASON TOTAL							
DEPARTURE FROM NORMAL	-13158						
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					NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE	
0600	1200	1800	0000	MONTH	RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE	
				89	HOURS OF PREVAILING WINDS FROM THE,	
					% OF THE TOTAL HOURS OF THE MONTH.	