

WS FORM F-6											STATION							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MOUNT WASHINGTON OBSERVATORY							
											MONTH				YEAR			
											MAY				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.
DAY	MAX	MIN	AVG	NORM	DEPART	DEGREE DAYS	TOTAL (EQUIV)	SNOW & ICE	SNOW/ICE ON GROUND-6AM	AVG SPEED	FASTEST MILE SPEED	DIR	TOTAL	% POSS	COVER	WEATHER		
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	43	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	59	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	0	29	0	0.00	0.0	T	12.6	33	NW	489	54	9	12	
17	43	30	37	36	1	28	0	0.01	T	T	23.0	48	N	545	60	6	12	
18	41	27	34	37	-3	31	0	0.06	0.3	T	30.3	67	W	100	11	9	1246	
19	28	16	22	37	-15	43	0	0.73	4.0	1	48.0	88	W	0	0	10	12469	
20	34	20	27	37	-10	38	0	T	T	2	36.3	93	W	35	4	10	1269	
21	35	24	30	38	-8	35	0	0.10	0.5	2	17.8	36	SW	120	13	9	125*6	
22	29	22	26	38	-12	39	0	0.26	1.1	2	19.2	69	NW	0	0	10	125*69	
23	31	27	29	38	-9	36	0	0.55	1.4	3	45.7	78	W	7	1	10	1245*69	
24	33	26	30	39	-9	35	0	T	T	3	38.7	69	NW	93	10	9	1246	
25	43	27	35	39	-4	30	0	0.00	0.0	3	28.3	55	W	907	99	3		
26	50	36	43	39	4	22	0	0.14	0.0	2	38.5	61	W	350	38	9	12	
27	48	19	34	40	-6	31	0	0.15	0.3	1	52.1	79	W	35	4	10	1246	
28	30	16	23	40	-17	42	0	0.00	0.0	T	45.0	78	NW	579	63	5	126	
29	43	26	35	40	-5	30	0	0.00	0.0	T	46.6	78	W	860	93	3		
30	45	29	37	40	-3	28	0	0.02	0.0	T	28.7	50	NW	736	79	6		
31	51	39	45	41	4	20	0	0.71	0.0	T	37.6	65	SW	0	0	10	12	
SUM	1226	780	----	----	----	1007	0	3.46	7.9	----	909.5	----	----	11893	----	239	----	
AVG	39.5	25.2	----	----	----	----	----	----	----	----	29.3	FASTEST	DIR	POSS	%	7.7	----	
											MISC. ->	93	W	27878	43%			

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	32.4	TOTAL FOR THE MONTH	3.46	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-3.2	DEPARTURE FROM NORMAL	-4.75			2 = FOG REDUCING VISIBILITY	
HIGHEST	51 on 31st	24 HOUR MAX	0.76 on 22/23rd	CLEAR (SCALE 0-3)	4	TO 1/4 MILE OR LESS	
LOWEST	12 on 1st	SNOWFALL, ICE PELLETS (IN.)		PARTLY CLOUDY (SCALE 4-7)	8		
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	7.9	CLOUDY (SCALE 8-10)	19		
MAX. 32 OR BELOW	5	24 HOUR MAX	4.0 on 19th	WITH .01" OR MORE PRECIP	16	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	4 on 1/2nd	WITH .10" OR MORE PRECIP	10	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	28			WITH .50" OR MORE PRECIP	3	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 0 OR BELOW	0	PRESSURE DATA (IN.)		WITH 1.0" OR MORE PRECIP	0	8 = SMOKE OR HAZE	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.240 on 30th	FOG	24	9 = BLOWING SNOW	
TOTAL THIS MONTH	1007	LOWEST SEA-LEVEL	29.225 on 19th			X = TORNADO	
DEPARTURE FROM NORMAL	94	AVG STATION	23.626				
SEASON TOTAL	12775	NOTES: * "5" FELL AS SMALL HAIL					
DEPARTURE FROM NORMAL	-383	28th: NEW DAILY RECORD LOW OF 16 F, OLD RECORD OF 19 F SET IN 1961					
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0	AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR				NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE	
DEPARTURE FROM NORMAL	0	0600	1200	1800	0000	MONTH	RECORDED FROM PITOT-STATIC TYPE ANEMOMETER.
SEASON TOTAL	0	79	74	78	86	79	THERE WERE 269 HOURS OF PREVAILING WINDS FROM THE W,
DEPARTURE FROM NORMAL	0	36% OF THE TOTAL HOURS OF THE MONTH.					