

WS FORM F-6											STATION							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MOUNT WASHINGTON OBSERVATORY							
											MONTH				YEAR			
											MARCH				2005			
LATITUDE						LONGITUDE					GROUND ELEVATION (H)				STANDARD TIME			
44 DEGREES 16 MINUTES NORTH						71 DEGREES 18 MINUTES WEST					6280 FT				EASTERN			
TEMPERATURE (°F)						DEGREE DAYS			PRECIPITATION (IN.)			WIND (MPH)			SUNSHINE (MINUTES)		SKY COVER (TENTHS)	WEATHER OCCUR.
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	TOTAL (EQUIV)	SNOW & ICE	SNOW/ICE ON GROUND-6AM	AVG SPEED	FASTEST MILE SPEED	DIR	TOTAL	% POSS			
1	14	-3	6	9	-3	59	0	0.31	2.7	7	34.8	87	E	0	0	10	1269	
2	-1	-7	-4	10	-14	65	0	0.73	6.4	8	53.0	82	NW	0	0	10	1269	
3	-4	-15	-10	10	-20	75	0	0.12	0.6	9	67.7	90	NW	40	6	9	1269	
4	-4	-14	-9	10	-20	74	0	0.00	0.0	9	65.1	86	NW	0	0	10	1269	
5	8	-5	2	11	-9	63	0	0.09	0.7	8	57.9	78	NW	75	11	8	1269	
6	12	4	8	11	-3	57	0	0.52	4.6	8	50.2	82	W	0	0	10	1269	
7	28	-2	13	11	2	52	0	0.22	2.2	10	49.8	95	NW	64	9	9	12469	
8	29	-16	7	11	-4	58	0	1.78	13.5	9	33.2	95	NW	0	0	10	12469	
9	-14	-24	-19	12	-31	84	0	1.13	4.8	13	85.9	117	NW	0	0	10	1269	
10	-5	-17	-11	12	-23	76	0	0.00	0.0	12	40.7	69	W	215	30	8	1269	
11	7	-8	-1	12	-13	66	0	0.23	4.4	11	25.3	54	SE	125	18	9	1269	
12	14	7	11	13	-2	54	0	0.52	5.9	14	26.3	55	SE	0	0	10	1269	
13	14	3	9	13	-4	56	0	0.39	3.3	18	25.5	53	NW	145	20	8	1269	
14	9	3	6	13	-7	59	0	0.62	5.8	18	39.3	68	NW	0	0	10	1269	
15	17	4	11	13	-2	54	0	0.07	0.8	17	25.3	47	NW	30	4	10	1269	
16	16	2	9	14	-5	56	0	0.03	0.9	18	27.1	55	W	0	0	9	1269	
17	10	-1	5	14	-9	60	0	0.00	0.0	18	31.5	56	NW	560	68	4	1269	
18	10	2	6	14	-8	59	0	0.22	2.1	18	32.2	61	NW	390	53	7	1269	
19	11	4	8	14	-6	57	0	0.18	1.3	20	30.3	61	NW	657	89	2	1269	
20	20	9	15	15	0	50	0	0.00	0.0	20	27.6	46	NW	662	96	4	1269	
21	19	10	15	15	0	50	0	0.00	0.0	19	15.8	22	W	743	100	6		
22	18	8	13	15	-2	52	0	0.00	0.0	16	31.6	45	NW	747	100	2	1269	
23	20	3	12	16	-4	53	0	0.22	1.7	11	31.2	76	NW	370	49	7	1269	
24	21	10	16	16	0	49	0	0.00	0.0	10	18.6	34	W	348	46	7		
25	17	5	11	16	-5	54	0	0.20	1.6	10	45.8	74	W	154	20	7	1269	
26	17	7	12	16	-4	53	0	0.00	0.0	10	18.9	33	W	758	100	0		
27	26	14	20	17	3	45	0	0.00	0.0	9	17.1	28	W	762	100	2		
28	40	20	30	17	13	35	0	0.83	2.6	9	23.5	54	S	0	0	10	12469	
29	41	25	33	17	16	32	0	T	0.0	8	31.0	60	N	279	36	8	12	
30	37	25	31	17	14	34	0	0.00	0.0	7	24.6	49	NE	760	99	3		
31	38	23	31	18	13	34	0	0.00	0.0	7	17.3	45	S	585	76	5		
SUM	485	76	----	----	----	1725	0	8.41	65.9	----	1104.1	----	----	8469	----	224	----	
AVG	15.6	2.5	----	----	----	----	----	----	----	----	35.6	FASTEST	DIR	POSS	%		----	
											MISC. ->	117	NW	22568	38%	7.2	----	

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	9.1	TOTAL FOR THE MONTH	8.41	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-4.5	DEPARTURE FROM NORMAL	-1.01			2 = FOG REDUCING VISIBILITY	
HIGHEST	41 29th	24 HOUR MAX	2.59 8th/9th	CLEAR (SCALE 0-3)	5	TO 1/4 MILE OR LESS	
LOWEST	-24 9th			PARTLY CLOUDY (SCALE 4-7)	8		
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	18		
NUMBER OF DAYS WITH:				WITH .01" OR MORE PRECIP	19	5 = HAIL	
MAX. 32 OR BELOW	27	TOTAL FOR THE MONTH	65.9	WITH .10" OR MORE PRECIP	16	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	24 HOUR MAX	16.6 8th/9th	WITH .50" OR MORE PRECIP	7	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	31	MAX DEPTH ON GROUND	20 19th/20th	WITH 1.0" OR MORE PRECIP	2	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 0 OR BELOW	11					8 = SMOKE OR HAZE	
		PRESSURE DATA (IN.)				9 = BLOWING SNOW	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.255 31st			X = TORNADO	
		LOWEST SEA-LEVEL	28.870 9th				
TOTAL THIS MONTH	1725	AVG STATION	23.356				
DEPARTURE FROM NORMAL	132						
SEASON TOTAL	10652						
DEPARTURE FROM NORMAL	-330						
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	
83	82	83	85	83	

NOTE: 9th: NEW DAILY RECORD LOW OF -24F. OLD RECORD OF -23F SET IN 1943.

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER.

THERE WERE 353 HOURS OF PREVAILING WINDS FROM THE NORTHWEST. 47% OF THE TOTAL HOURS OF THE MONTH.