

WS FORM F-6										STATION														
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MOUNT WASHINGTON OBSERVATORY														
LATITUDE										MONTH														
44 DEGREES 16 MINUTES NORTH					LONGITUDE					71 DEGREES 18 MINUTES WEST					JANUARY					YEAR				
GROUND ELEVATION (H)										STANDARD TIME														
6,280 FT										EASTERN														
TEMPERATURE (°F)							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-7AM	AVG SPEED	FASTEST SPEED	DIR	TOTAL	% POSS									
1	10	3	7	6	1	58	0	0.36	4.1	5	58.1	86	270 (W)	0	0	10	1269							
2	8	3	6	6	0	59	0	0.21	2.3	7	58.9	90	280 (W)	0	0	10	1269							
3	13	3	8	6	2	57	0	0.16	2.2	7	42.6	69	270 (W)	0	0	10	1269							
4	5	-9	-2	5	-7	67	0	0.01	0.1	8	24.3	63	360 (N)	310	56	5	126							
5	9	-7	1	5	-4	64	0	0.00	0.0	8	40.3	73	280 (W)	551	100	0								
6	15	6	11	5	6	54	0	0.00	0.0	7	56.8	79	270 (W)	552	100	5								
7	26	14	20	5	15	45	0	0.00	0.0	7	33.4	59	270 (W)	520	94	6								
8	30	21	26	5	21	39	0	0.00	0.0	7	14.3	41	160 (S)	476	86	6								
9	28	20	24	5	19	41	0	0.01	0.1	7	28.0	46	220 (SW)	256	46	9	126							
10	35	22	29	5	24	36	0	1.40	1.8	7	47.1	100	110 (E)	0	0	10	1246							
11	23	-9	7	5	2	58	0	0.14	1.5	8	61.5	98	260 (W)	0	0	10	1269							
12	9	-9	0	5	-5	65	0	0.43	5.5	9	32.3	70	270 (W)	45	8	10	1269							
13	5	-15	-5	5	-10	70	0	0.29	2.7	14	63.1	115	280 (W)	0	0	10	1269							
14	-2	-15	-8	5	-13	73	0	0.08	1.0	14	52.8	80	270 (W)	0	0	10	1269							
15	25	-4	11	5	6	54	0	T	T	13	45.8	72	260 (W)	0	0	10	1269							
16	25	12	19	5	14	46	0	0.51	5.2	14	29.8	58	270 (W)	0	0	10	1269							
17	13	1	7	4	3	58	0	0.08	1.0	16	27.8	66	290 (W)	379	67	9	1269							
18	9	-17	-4	4	-8	69	0	0.34	5.4	17	44.7	92	270 (W)	0	0	10	1269							
19	-9	-22	-15	4	-19	80	0	0.00	0.0	16	86.3	127	300 (NW)	0	0	10	1269							
20	0	-10	-5	4	-9	70	0	0.01	0.1	15	73.7	97	290 (W)	260	45	8	1269							
21	-4	-11	-7	4	-11	72	0	0.00	0.0	15	69.6	112	310 (NW)	460	80	9	126							
22	12	-11	1	4	-3	64	0	0.00	0.0	15	43.6	79	300 (NW)	553	95	4	126							
23	13	5	9	4	5	56	0	0.00	0.0	15	25.5	50	080 (E)	35	6	10								
24	17	3	10	4	6	55	0	0.01	0.5	15	29.7	43	300 (NW)	434	74	5	126							
25	20	3	12	4	8	53	0	0.01	0.3	16	22.3	59	230 (SW)	550	94	4	126							
26	28	15	22	4	18	43	0	0.08	0.4	16	64.2	108	230 (SW)	50	9	10	1269							
27	16	0	8	5	3	57	0	0.18	1.3	16	53.3	90	250 (W)	0	0	10	1269							
28	16	3	10	5	5	55	0	0.00	0.0	16	31.1	68	220 (SW)	468	79	5	126							
29	17	8	13	5	8	52	0	0.31	3.7	16	24.4	72	320 (NW)	20	3	10	1269							
30	20	5	13	5	8	52	0	0.18	1.2	17	44.9	83	250 (W)	165	28	9	1269							
31	34	17	26	5	21	39	0	0.02	0.2	16	49.2	77	250 (W)	205	34	9	1269							
SUM	466	25	----	----	----	1761	0	4.82	40.6	----	1379.4	----	----	6289	----	253	----							
AVG	15.0	0.8	----	----	----	----	----	----	----	----	44.5	FASTEST	DIR	POSS	%	8.2	----							
											MISC. ->	127	300 (NW)	17658	36%		----							

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	7.9	TOTAL FOR THE MONTH	4.82	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	3.2	DEPARTURE FROM NORMAL	-1.62			2 = FOG REDUCING VISIBILITY	
HIGHEST	35 on 10th	24 HOUR MAX	1.50 on 10th/11th	CLEAR (SCALE 0-3)	1	TO 1/4 MILE OR LESS	
LOWEST	-22 on 19th			PARTLY CLOUDY (SCALE 4-7)	8	3 = THUNDER	
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	22	4 = ICE PELLETS	
NUMBER OF DAYS WITH:						5 = HAIL	
		TOTAL FOR THE MONTH	40.6	WITH .01" OR MORE PRECIP	21	6 = GLAZE OR RIME	
MAX. 32 OR BELOW	29	24 HOUR MAX	7.7 on 12th/13th	WITH .10" OR MORE PRECIP	12	7 = BLOWING DUST OR SAND	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	17 on 30th/18th	WITH .50" OR MORE PRECIP	2	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	31			WITH 1.0" OR MORE PRECIP	1	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	13	PRESSURE DATA (IN.)				9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.557 on 6th				
		LOWEST SEA-LEVEL	29.424 on 18th				
TOTAL THIS MONTH	1761	AVG STATION	23.438				
DEPARTURE FROM NORMAL	-107						
SEASON TOTAL	6744						
DEPARTURE FROM NORMAL	-954						

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
75	77	79	80	78

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 428 HOURS OF PREVAILING WINDS FROM THE W, 58% OF THE TOTAL HOURS OF THE MONTH.