

WS FORM F-6										STATION									
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MOUNT WASHINGTON OBSERVATORY									
LATITUDE										MONTH									
44 DEGREES 16 MINUTES NORTH										FEBRUARY					YEAR				
LONGITUDE										GROUND ELEVATION (H)					STANDARD TIME				
71 DEGREES 18 MINUTES WEST										6280 FT					EASTERN				
TEMPERATURE (°F)						DEGREE DAYS			PRECIPITATION (IN.)			WIND (MPH)			SUNSHINE (MINUTES)		SKY COVER	WEATHER	
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	TOTAL (EQUIV)	SNOW & ICE	SNOW/ICE ON GROUND-7AM	AVG SPEED	FASTEST MILE	SPEED	DIR	TOTAL	% POSS	(TENTHS)	OCCUR.	
1	15	8	12	5	7	53	0	0.12	0.7	18	33.0	74	100 (E)		390	65	5	1269	
2	21	11	16	5	11	49	0	0.64	4.5	15	53.3	113	070 (E)		0	0	10	1269	
3	25	7	16	5	11	49	0	0.01	0.2	14	13.8	39	300 (NW)		180	30	9	126	
4	16	7	12	5	7	53	0	0.02	0.4	15	39.8	81	330 (NW)		174	29	8	126	
5	21	12	17	5	12	48	0	0.03	0.8	12	35.5	65	200 (S)		55	9	10	1269	
6	14	-3	6	5	1	59	0	0.11	1.6	13	52.8	93	270 (W)		0	0	10	1269	
7	13	-3	5	5	0	60	0	0.06	1.3	11	35.0	64	270 (W)		0	0	10	1269	
8	-1	-13	-7	5	-12	72	0	0.01	0.7	11	53.5	99	300 (NW)		490	79	8	1269	
9	6	-4	1	5	-4	64	0	0.08	1.4	11	32.9	48	260 (W)		0	0	10	1269	
10	-2	-10	-6	5	-11	71	0	0.10	1.5	11	47.5	70	280 (W)		0	0	10	1269	
11	-6	-19	-12	6	-18	77	0	0.02	0.3	10	54.2	97	300 (NW)		0	0	10	1269	
12	15	-18	-1	6	-7	66	0	0.00	0.0	9	42.4	109	310 (NW)		601	95	6	1269	
13	16	-6	5	6	-1	60	0	T	T	9	28.7	62	330 (NW)		634	100	9		
14	21	7	14	6	8	51	0	0.02	0.2	9	38.6	59	260 (W)		63	10	10	126	
15	22	11	17	6	11	48	0	0.04	0.3	9	35.2	63	260 (W)		116	18	10	1269	
16	31	-2	15	6	9	50	0	0.46	1.9	9	51.4	104	280 (W)		0	0	10	1269	
17	-1	-11	-6	6	-12	71	0	0.02	0.2	9	63.4	108	290 (W)		625	97	4	1269	
18	12	-2	5	7	-2	60	0	0.01	0.5	9	16.2	35	300 (NW)		85	13	10		
19	14	8	11	7	4	54	0	0.04	1.0	10	16.9	40	270 (W)		30	5	10	126	
20	8	-7	1	7	-6	64	0	0.06	1.3	10	33.3	59	300 (NW)		275	42	8	1269	
21	9	-7	1	7	-6	64	0	0.02	0.6	10	27.7	63	320 (NW)		388	59	6	1269	
22	15	5	10	7	3	55	0	0.08	1.7	10	39.1	78	220 (SW)		0	0	10	1269	
23	19	11	15	7	8	50	0	0.14	1.1	11	42.0	87	300 (NW)		205	31	10	1269	
24	22	12	17	8	9	48	0	0.18	1.3	11	58.1	108	250 (W)		90	14	10	1269	
25	21	-7	7	8	-1	58	0	0.35	3.6	12	69.8	108	260 (W)		0	0	10	12369	
26	13	-11	1	8	-7	64	0	0.00	0.0	12	53.9	109	300 (NW)		545	81	4	1269	
27	27	7	17	8	9	48	0	0.26	1.8	12	52.3	110	290 (W)		0	0	10	1269	
28	24	12	18	8	10	47	0	0.04	0.3	13	38.9	91	300 (NW)		305	45	9	1269	
SUM	410	-5	----	----	----	1613	0	2.92	29.2	----	1159.2	----	----		5251	----	246	----	
AVG	14.6	-0.2	----	----	----	----	----	----	----	----	41.4	FASTEST	DIR	POSS		29%	8.8	----	
											MISC. ->	113	070 (E)	17905				----	

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	7.2	TOTAL FOR THE MONTH	2.92	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	1.1	DEPARTURE FROM NORMAL	-3.85	CLEAR (SCALE 0-3)	0	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	31 on 16th	24 HOUR MAX	0.76 on 1st/2nd	PARTLY CLOUDY (SCALE 4-7)	5	3 = THUNDER	
LOWEST	-19 on 11th	SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	23	4 = ICE PELLETS	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	29.2	WITH .01" OR MORE PRECIP	25	5 = HAIL	
MAX. 32 OR BELOW	28	24 HOUR MAX	5.2 on 1st/2nd	WITH .10" OR MORE PRECIP	9	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	18 on 1st	WITH .50" OR MORE PRECIP	1	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	28			WITH 1.0" OR MORE PRECIP	0	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	15					9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.608 on 26th				
		LOWEST SEA-LEVEL	29.285 on 3rd				
TOTAL THIS MONTH	1613	AVG STATION	23.512				
DEPARTURE FROM NORMAL	-35						
SEASON TOTAL	8560						
DEPARTURE FROM NORMAL	-786						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						
NOTES:							
5TH: PRECIPITATION AND SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO UNREALISTICALLY LOW AMOUNT IN CAN DUE TO HIGH WINDS							
6TH: PRECIPITATION AND SNOWFALL ESTIMATED AT TWO COLLECTIONS DUE TO UNREALISTICALLY HIGH AMOUNT IN CAN DUE TO DRIFTING AND BLOWING SNOW							
16TH: SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO COMPACTING AND BEING ENCASED IN GLAZE ICE							
21ST: PRECIPITATION ESTIMATED AT ONE COLLECTION DUE TO EXCESSIVE RIME FROM UPPER PART OF THE CAN FALLING IN WHILE MELTING							
AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR							
0600	1200	1800	0000	MONTH	NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER.		
85	86	81	85	84	THERE WERE 302 HOURS OF PREVAILING WINDS FROM THE W, 43% OF THE TOTAL HOURS OF THE MONTH.		