

WS FORM F-6										STATION											
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MOUNT WASHINGTON OBSERVATORY											
LATITUDE										MONTH											
44 DEGREES 16 MINUTES NORTH										DECEMBER											
LONGITUDE										YEAR											
71 DEGREES 18 MINUTES WEST										2011											
GROUND ELEVATION (H)										STANDARD TIME											
6280 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-6AM	AVG SPEED	FASTEST MILE		TOTAL	% POSS						
											SPEED	DIR									
1	24	15	20	15	5	45	0	0.00	0.0	T	35.3	61	NW	559	100	1	126				
2	20	11	16	14	2	49	0	0.07	0.8	T	38.1	63	NW	229	41	9	1269				
3	28	11	20	14	6	45	0	0.00	0.0	1	25.5	54	NW	556	100	1	126				
4	37	28	33	14	19	32	0	0.00	0.0	1	50.3	72	SW	542	98	3	12				
5	36	30	33	13	20	32	0	0.00	0.0	T	45.4	70	W	35	6	10	126				
6	38	33	36	13	23	29	0	0.56	0.0	T	41.8	71	SW	0	0	10	12				
7	34	26	30	13	17	35	0	0.52	4.1	T	33.1	54	W	0	0	10	126				
8	27	5	16	12	4	49	0	0.70	5.0	6	62.5	117	NW	0	0	10	1269				
9	15	9	12	12	0	53	0	0.04	1.0	6	49.2	73	W	10	2	10	1269				
10	15	0	8	12	-4	57	0	0.12	1.6	7	50.9	70	W	0	0	10	1269				
11	20	-1	10	11	-1	55	0	0.04	0.6	8	46.9	69	W	377	69	5	1269				
12	31	18	25	11	14	40	0	0.00	0.0	8	36.0	63	W	547	100	1					
13	25	18	22	11	11	43	0	0.00	0.0	8	29.0	43	NW	148	27	9	126				
14	20	14	17	10	7	48	0	0.01	0.2	9	25.4	38	W	160	29	9	126				
15	35	18	27	10	17	38	0	0.60	0.3	9	57.0	100	W	0	0	10	1269				
16	30	9	20	10	10	45	0	0.25	1.6	6	69.1	116	W	0	0	10	12469				
17	10	-6	2	9	-7	63	0	0.06	1.3	6	30.0	65	W	185	34	10	126				
18	7	-7	0	9	-9	65	0	0.00	0.0	7	18.8	38	W	543	100	1					
19	24	3	14	9	5	51	0	0.04	0.5	7	55.6	88	W	0	0	10	1269				
20	14	-5	5	9	-4	60	0	0.14	1.2	8	53.0	95	NW	395	73	4	1269				
21	35	10	23	8	15	42	0	0.70	1.0	7	49.3	76	W	0	0	10	1269				
22	32	15	24	8	16	41	0	0.10	0.2	6	53.3	86	W	270	50	6	1246				
23	22	-3	10	8	2	55	0	0.60	5.6	7	42.4	86	W	0	0	10	1269				
24	5	-1	2	8	-6	63	0	0.00	0.0	9	29.3	56	NW	346	64	4	9				
25	15	-3	6	7	-1	59	0	0.13	1.7	9	42.9	66	W	0	0	10	1269				
26	23	3	13	7	6	52	0	0.10	0.9	10	49.5	78	NW	238	44	5	1269				
27	32	22	27	7	20	38	0	1.96	6.9	9	52.2	99	SE	85	16	10	12469				
28	33	-11	11	7	4	54	0	0.48	1.5	15	62.0	104	W	0	0	10	12469				
29	1	-14	-6	7	-13	71	0	0.00	0.0	15	80.2	122	NW	530	97	1	1269				
30	23	1	12	7	5	53	0	0.21	2.2	15	39.3	60	W	0	0	10	126				
31	30	22	26	7	19	39	0	0.03	0.4	17	37.5	64	S	0	0	10	126				
SUM	741	270	----	----	----	1501	0	7.46	38.6	----	1390.8	----	----	5755	----	229	----				
AVG	23.9	8.7	----	----	----	----	----	----	----	----	44.9	FASTEST	DIR	POSS	%	7.4	----				
											MISC. ->	122	NW	16968	34%		----				

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	16.3	TOTAL FOR THE MONTH	7.46	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	6.2	DEPARTURE FROM NORMAL	-1.38	CLEAR (SCALE 0-3)	6	2 = FOG REDUCING VISIBILITY	TO 1/4 MILE OR LESS
HIGHEST	38 on 6th	24 HOUR MAX	2.39 on 27th/28th	PARTLY CLOUDY (SCALE 4-7)	5	3 = THUNDER	
LOWEST	-14 on 29th	SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	20	4 = ICE PELLETS	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	38.6	WITH .01" OR MORE PRECIP	22	5 = HAIL	
MAX. 32 OR BELOW	24	24 HOUR MAX	9.4 on 27th/28th	WITH .10" OR MORE PRECIP	15	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	17 on 31st	WITH .50" OR MORE PRECIP	7	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	30	PRESSURE DATA (IN.)		WITH 1.0" OR MORE PRECIP	1	8 = SMOKE OR HAZE	RED. VIS. TO 1/2 MILE OR LESS
MIN. 0 OR BELOW	10	HIGHEST SEA-LEVEL	30.719 on 3rd			9 = BLOWING SNOW	
HEATING DEGREE DAYS (BASE 65°F)		LOWEST SEA-LEVEL	29.165 on 28th			X = TORNADO	
TOTAL THIS MONTH	1501	AVG STATION	23.656				
DEPARTURE FROM NORMAL	-201						
SEASON TOTAL	5159						
DEPARTURE FROM NORMAL	-739						
COOLING DEGREE DAYS (BASE 65F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

NOTES:

16TH, 19TH, 20TH: DAILY PRECIPITATION & SNOWFALL TOTALS PARTIALLY ESTIMATED DUE TO UNREASONABLY HIGH AMOUNT IN CAN FROM BLOWING SNOW.

21ST, 22ND: DAILY SNOWFALL TOTAL PARTIALLY ESTIMATED DUE TO SOME MELTING OCCURRING BEFORE COLLECTION.

26TH: DAILY AVG WIND SPEED CONTAINS 1 HR OF ESTIMATED SPEED DUE TO UNKNOWN "CLOG" IN PITOT LINES.

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR				
0600	1200	1800	0000	MONTH
83	75	78	78	79

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 480 HOURS OF PREVAILING WINDS FROM THE W, 65% OF THE TOTAL HOURS OF THE MONTH.