WS FORM F-6

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: MOUNT WASHINGTON OBSERVATORY

MONTH: NOVEMBER | YEAR: 2009

LATITUDE: 44 DEGREES 16 MINUTES NORTH | LONGITUDE: 71 DEGREES 18 MINUTES WEST | GROUND ELEVATION (H): 6280 FT | STANDARD TIME: EASTERN

	TEMPERATURE (°F)					DEGREE DAYS		PRECIPITATION (IN.)			WIND (MPH)			SUNSHINE		SKY	
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	TOTAL (EQUIV)	SNOW & ICE	SNOW/ICE ON GROUND-6AM	AVG SPEED	FASTEST MILE SPEED	FASTEST MILE DIR	(MINUTES) TOTAL	% POSS	COVER (TENTHS)	WEATHER OCCUR.
1	28	19	24	25	-1	41	0	T	T	T	**44.8**	78	W	12	2	10	126
2	28	21	25	25	0	40	0	0.00	0.0	T	11.0	25	S	622	100	4	
3	30	14	22	25	-3	43	0	0.43	2.4	T	38.9	87	W	20	3	10	1269
4	18	10	14	24	-10	51	0	0.06	0.4	1	38.6	86	W	257	42	9	1269
5	18	11	15	24	-9	50	0	0.05	1.3	2	11.7	28	SW	0	0	10	126
6	16	9	13	24	-11	52	0	0.05	0.8	2	33.5	62	W	0	0	10	1269
7	35	12	24	24	0	41	0	T	0.0	2	**36.3**	73	SW	504	83	8	
8	34	27	31	23	8	34	0	T	0.0	2	46.1	74	W	332	55	5	126
9	43	33	38	23	15	27	0	0.00	0.0	1	43.8	78	W	528	87	6	
10	37	20	29	23	6	36	0	0.00	0.0	T	42.6	64	W	0	0	10	126
11	29	19	24	22	2	41	0	0.00	0.0	T	22.6	41	NW	584	97	8	126
12	35	27	31	22	9	34	0	0.00	0.0	0	15.3	30	SE	365	61	9	
13	36	28	32	22	10	33	0	0.00	0.0	0	35.1	60	SE	455	77	9	12
14	**47**	29	38	21	17	27	0	1.97	0.0	0	45.9	66	SE	0	0	10	126
15	**48**	36	42	21	21	23	0	0.09	0.0	0	28.3	53	W	60	10	10	12
16	36	12	24	21	3	41	0	0.00	0.0	0	**57.9**	86	NW	587	100	3	126
17	37	18	28	20	8	37	0	0.00	0.0	0	28.8	65	NW	572	98	1	1
18	45	33	39	20	19	26	0	0.00	0.0	0	12.8	28	W	582	100	1	
19	43	35	39	20	19	26	0	0.00	0.0	0	18.2	34	SW	581	100	3	12
20	39	22	31	19	12	34	0	1.09	0.2	0	45.8	83	W	0	0	10	1246
21				19			0										
22				18			0										
23				18			0										
24				18			0										
25				17			0										
26				17			0										
27				16			0										
28				16			0										
29				16			0										
30				15			0										
SUM	682	435	----	----	----	737	0	3.74	5.1	----	658.0	----	----	6061	----	146	----
AVG	34.1	21.8	----	----	----	----	----	----	----	----	32.9	FASTEST	DIR	POSS	%		----
											MISC. ->	87		17696	34%	7.3	----

TEMPERATURE DATA (°F)

AVERAGE MONTHLY	28.0
DEPARTURE FROM NORMAL	7.4
HIGHEST	48
LOWEST	9
NUMBER OF DAYS WITH:	
MAX. 32 OR BELOW	7
MAX. 90 OR ABOVE	0
MIN. 32 OR BELOW	16
MIN. 0 OR BELOW	0

HEATING DEGREE DAYS (BASE 65°F)

TOTAL THIS MONTH	737
DEPARTURE FROM NORMAL	-595
SEASON TOTAL	
DEPARTURE FROM NORMAL	-4196

COOLING DEGREE DAYS (BASE 65F)

TOTAL THIS MONTH	0
DEPARTURE FROM NORMAL	0
SEASON TOTAL	0
DEPARTURE FROM NORMAL	0

PRECIPITATION DATA (IN.)

TOTAL FOR THE MONTH	3.74
DEPARTURE FROM NORMAL	-6.75
24 HOUR MAX	
SNOWFALL, ICE PELLETS (IN.)	
TOTAL FOR THE MONTH	5.1
24 HOUR MAX	
MAX DEPTH ON GROUND	

PRESSURE DATA (IN.)

HIGHEST SEA-LEVEL	
LOWEST SEA-LEVEL	
AVG STATION	

WEATHER

NUMBER OF DAYS:	
CLEAR (SCALE 0-3)	4
PARTLY CLOUDY (SCALE 4-7)	3
CLOUDY (SCALE 8-10)	13
WITH .01" OR MORE PRECIP	7
WITH .10" OR MORE PRECIP	3
WITH .50" OR MORE PRECIP	2
WITH 1.0" OR MORE PRECIP	2

SYMBOLS USED IN COLUMN 16

1 = FOG
2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS
3 = THUNDER
4 = ICE PELLETS
5 = HAIL
6 = GLAZE OR RIME
7 = BLOWING DUST OR SAND RED. VIS. TO 1/2 MILE OR LESS
8 = SMOKE OR HAZE
9 = BLOWING SNOW
X = TORNADO

NOTES:
1ST: DAILY AVG WIND SPEED CONTAINS 1 HR OF ESTIMATED WIND SPEEDS DUE TO WATER IN TP LINE OF PITOT
7TH, 16TH: DAILY AVG WIND SPEED CONTAINS 2 HRS OF ESTIMATED WIND SPEEDS DUE TO WATER IN TP LINE OF PITOT
14TH: NEW DAILY RECORD HIGH OF 47F; PREVIOUS RECORD OF 45F SET IN 1937
15TH: DAILY RECORD HIGH OF 48F EQUALED; RECORD PREVIOUSLY SET IN 2008

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR

0600	1200	1800	0000	MONTH
				#DIV/0!

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