

WS FORM F-6										STATION MOUNT WASHINGTON OBSERVATORY							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										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)							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	DIR	TOTAL	% POSS		
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	0.5	0	45.8	83	W	0	0	10	1246
21	37	23	30	19	11	35	0	0.04	0.1	T	47.3	85	W	239	41	9	1246
22	38	31	35	18	17	30	0	0.00	0.0	1	11.3	31	N	574	100	0	
23	40	30	35	18	17	30	0	0.00	0.0	1	14.1	25	S	573	100	1	126
24	35	31	33	18	15	32	0	0.00	0.0	T	8.8	15	E	467	82	5	12
25	40	30	35	17	18	30	0	0.09	0.0	T	18.2	43	SE	198	35	8	126
26	32	24	28	17	11	37	0	T	0.0	T	15.5	34	SW	240	42	9	126
27	29	16	24	16	8	41	0	2.44	18.5	T	27.6	88	NW	0	0	10	12469
28	18	13	16	16	0	49	0	1.37	5.9	12	82.6	137	NW	0	0	10	1269
29	29	12	21	16	5	44	0	0.00	0.0	9	55.2	94	W	80	14	10	1269
30	29	5	17	15	2	48	0	0.43	2.1	9	48.0	68	NW	0	0	10	1269
SUM	1009	650	----	----	----	1113	0	8.11	32.0	----	986.6	----	----	8432	----	218	----
AVG	33.6	21.7	----	----	----	----	----	----	----	----	32.9	FASTEST	DIR	POSS	%		----
											MISC. ->	137	NW	17696	48%	7.3	----

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	27.7	TOTAL FOR THE MONTH	8.11	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	7.1	DEPARTURE FROM NORMAL	-2.38			2 = FOG REDUCING VISIBILITY	
HIGHEST	48 on 15th	24 HOUR MAX	3.81 on 27th/28th	CLEAR (SCALE 0-3)	6	TO 1/4 MILE OR LESS	
LOWEST	5 on 30th	SNOWFALL, ICE PELLETS (IN.)		PARTLY CLOUDY (SCALE 4-7)	4	3 = THUNDER	
NUMBER OF DAYS WITH:				CLOUDY (SCALE 8-10)	20	4 = ICE PELLETS	
		TOTAL FOR THE MONTH	32.0	WITH .01" OR MORE PRECIP	12	5 = HAIL	
MAX. 32 OR BELOW	12	24 HOUR MAX	24.4 on 27th/28th	WITH .10" OR MORE PRECIP	6	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	12.0 27th, 28th	WITH .50" OR MORE PRECIP	4	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	26			WITH 1.0" OR MORE PRECIP	4	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	0	PRESSURE DATA (IN.)				9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.556 on 11th				
		LOWEST SEA-LEVEL	28.915 on 28th				
TOTAL THIS MONTH	1113	AVG STATION	23.776				
DEPARTURE FROM NORMAL	-219						
SEASON TOTAL	4010						
DEPARTURE FROM NORMAL	-186						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

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					
27TH, 28TH: PRECIP AND SNOWFALL TOTALS PARTIALLY ESTIMATED DUE TO BLOWING SNOW RESULTING IN UNREALISTIC AMOUNT IN CAN.					
28TH: DAILY AVG WIND SPEED CONTAINS 2 HRS OF ESTIMATED WIND SPEEDS DUE TO ICE/WATER IN TP LINE OF PITOT.					
AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR			NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE		
0600	1200	1800	0000	MONTH	RECORDED FROM PITOT-STATIC TYPE ANEMOMETER.
72	69	69	70	70	THERE WERE 243 HOURS OF PREVAILING WINDS FROM THE W,
34% OF THE TOTAL HOURS OF THE MONTH.					