

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 SPEED	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				19			0										
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	643	413	----	----	----	703	0	2.65	4.9	----	612.2	----	----	6061	----	136	----
AVG	33.8	21.7	----	----	----	----	----	----	----	----	32.2	FASTEST	DIR	POSS	%	7.2	----
											MISC. ->	87		17696	34%		

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	27.8	TOTAL FOR THE MONTH	2.65	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	7.2	DEPARTURE FROM NORMAL	-7.84	CLEAR (SCALE 0-3)	4	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	48	24 HOUR MAX		PARTLY CLOUDY (SCALE 4-7)	3	3 = THUNDER	
LOWEST	9	SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	12	4 = ICE PELLETS	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	4.9	WITH .01" OR MORE PRECIP	6	5 = HAIL	
MAX. 32 OR BELOW	7	24 HOUR MAX		WITH .10" OR MORE PRECIP	2	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND		WITH .50" OR MORE PRECIP	1	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	15			WITH 1.0" OR MORE PRECIP	1	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	0	PRESSURE DATA (IN.)				9 = BLOWING SNOW	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL				X = TORNADO	
TOTAL THIS MONTH	703	LOWEST SEA-LEVEL					
DEPARTURE FROM NORMAL	-629	AVG STATION					
SEASON TOTAL							
DEPARTURE FROM NORMAL	-4196						
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:	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
16TH:	DAILY AVG WIND SPEED CONTAINS 2 HRS OF ESTIMATED WIND SPEEDS DUE TO WATER IN TP LINE OF PITOT
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.