

WS FORM F-6										STATION									
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MOUNT WASHINGTON OBSERVATORY									
										MONTH					YEAR				
										NOVEMBER					2007				
LATITUDE					LONGITUDE					GROUND ELEVATION (H)					STANDARD TIME				
44 DEGREES 16 MINUTES NORTH					71 DEGREES 18 MINUTES WEST					6280 FT					EASTERN				
TEMPERATURE (°F)										PRECIPITATION (IN.)			WIND (MPH)			SUNSHINE (MINUTES)		SKY COVER (TENTHS)	WEATHER OCCUR.
DEGREE DAYS										TOTAL (EQUIV)	SNOW & ICE	SNOW/ICE ON GROUND-6AM	AVG SPEED	FASTEST MILE		TOTAL	% POSS		
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL					SPEED	SPEED	DIR					
1	34	15	25	25	0	40	0	0.04	0.6	T	57.5	85	W	10	3	10	1246		
2	34	11	23	25	-2	42	0	0.00	0.0	T	31.3	81	NW	622	100	2	126		
3	36	21	29	25	4	36	0	0.02	0.0	T	35.6	96	NW	0	0	10	126		
4	22	12	17	24	-7	48	0	0.00	0.0	0	50.5	102	NW	475	77	5	126		
5	23	15	19	24	-5	46	0	0.03	0.4	0	21.8	74	S	55	9	9	126		
6	30	15	23	24	-1	42	0	1.06	11.0	3	40.8	84	S	15	2	10	1269		
7	20	9	15	24	-9	50	0	0.18	1.3	5	42.5	64	NW	0	0	10	1269		
8	19	7	13	23	-10	52	0	0.02	0.2	6	17.5	33	NW	607	100	2	126		
9	15	10	13	23	-10	52	0	T	T	6	8.2	19	S	305	50	8	126		
10	15	8	12	23	-11	53	0	0.00	0.0	6	15.4	42	N	579	96	4			
11	19	9	14	22	-8	51	0	0.00	0.0	5	25.4	46	NW	573	96	1	1		
12	31	15	23	22	1	42	0	0.09	0.5	5	24.4	51	W	379	64	5	1246		
13	32	18	25	22	3	40	0	0.21	0.5	5	52.2	78	W	80	13	8	1246		
14	36	26	31	21	10	34	0	0.00	0.0	5	46.2	84	SW	337	57	8	12		
15	40	19	30	21	9	35	0	1.90	0.1	2	26.8	62	SW	0	0	10	126		
16	21	3	12	21	-9	53	0	1.47	9.4	2	64.7	110	NW	0	0	10	1269		
17	9	3	6	20	-14	59	0	0.07	1.0	4	64.0	98	W	0	0	10	1269		
18	13	5	9	20	-11	56	0	0.00	0.0	4	27.0	75	NW	576	99	2	126		
19	21	12	17	20	-3	48	0	0.00	0.0	3	11.9	20	E	581	100	1			
20	25	14	20	19	1	45	0	0.10	0.7	2	36.4	66	W	0	0	10	1269		
21	38	20	29	19	10	36	0	0.50	1.0	3	36.7	68	W	0	0	10	126		
22	42	8	25	18	7	40	0	0.28	0.0	1	51.3	81	SW	0	0	10	126		
23	8	-8	0	18	-18	65	0	0.05	0.9	1	53.8	77	NW	10	2	10	1269		
24	8	-9	0	18	-18	65	0	0.00	0.0	1	41.3	74	NW	494	87	3	1269		
25	18	6	12	17	-5	53	0	0.13	1.4	1	59.2	89	W	0	0	10	1269		
26	38	15	27	17	10	38	0	0.48	0.1	1	43.5	87	SW	0	0	10	126		
27	35	11	23	16	7	42	0	0.51	0.9	T	58.6	91	W	0	0	10	1269		
28	17	1	9	16	-7	56	0	0.17	1.4	2	43.4	89	NW	360	64	6	1269		
29	22	6	14	16	-2	51	0	0.06	0.6	2	54.3	109	W	0	0	10	1269		
30	9	0	5	15	-10	60	0	0.10	1.4	2	61.5	106	W	45	8	10	1269		
SUM	730	297	----	----	----	1430	0	7.47	33.4	----	1203.7	----	----	6103	----	224	----		
AVG	24.3	9.9	----	----	----	----	----	----	----	----	40.1	FASTEST	DIR	POSS	%	7.5	----		
											MISC. ->	110	NW	17696	34%		----		

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	17.1	TOTAL FOR THE MONTH	7.47	NUMBER OF DAYS:	1 = FOG		
DEPARTURE FROM NORMAL	-3.5	DEPARTURE FROM NORMAL	-3.02		2 = FOG REDUCING VISIBILITY		
HIGHEST	42 on 22nd	24 HOUR MAX	1.93 on 15/16th	CLEAR (SCALE 0-3)	6	TO 1/4 MILE OR LESS	
LOWEST	-9 on 24th			PARTLY CLOUDY (SCALE 4-7)	4	3 = THUNDER	
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	20	4 = ICE PELLETS	
						5 = HAIL	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	33.4	WITH .01" OR MORE PRECIP	21	6 = GLAZE OR RIME	
MAX. 32 OR BELOW	21	24 HOUR MAX	10.7 on 6th	WITH .10" OR MORE PRECIP	13	7 = BLOWING DUST OR SAND	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	6.0 on 8th	WITH .50" OR MORE PRECIP	5	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	30			WITH 1.0" OR MORE PRECIP	3	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	3	PRESSURE DATA (IN.)				9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.685 on 2nd				
		LOWEST SEA-LEVEL	29.267 on 16th				
TOTAL THIS MONTH	1430	AVG STATION	23.6160				
DEPARTURE FROM NORMAL	98						
SEASON TOTAL	3908						
DEPARTURE FROM NORMAL	-288						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR					MONTH
0600	1200	1800	0000		
81	82	80	81	81	

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 288 HOURS OF PREVAILING WINDS FROM THE W, 39% OF THE TOTAL HOURS OF THE MONTH.