

WS FORM F-6										STATION MOUNT WASHINGTON OBSERVATORY							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MONTH NOVEMBER			YEAR 2008				
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.	
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	DIR					
1	28	7	18	25	-7	47	0	0.00	0.0	2	49.2	70	NW	586	94	4	126
2	25	2	14	25	-11	51	0	0.04	0.5	2	32.4	76	NW	622	100	4	126
3	37	20	29	25	4	36	0	0.00	0.0	1	41.0	60	W	35	6	9	126
4	40	35	38	24	14	27	0	0.00	0.0	1	29.1	50	NW	50	8	10	12
5	45	37	41	24	17	24	0	0.00	0.0	T	16.1	37	W	500	81	10	12
6	42	39	41	24	17	24	0	0.73	0.0	0	20.8	41	E	5	1	10	12
7	47	40	44	24	20	21	0	0.11	0.0	0	12.6	27	E	80	13	9	12
8	43	38	41	23	18	24	0	0.75	0.0	0	24.9	47	S	65	11	9	12
9	38	19	29	23	6	36	0	0.27	1.0	0	28.7	56	W	30	5	10	1269
10	22	11	17	23	-6	48	0	0.40	3.8	1	31.8	71	W	0	0	10	1269
11	18	9	14	22	-8	51	0	0.15	1.5	3	55.3	82	NW	0	0	10	1269
12	27	13	20	22	-2	45	0	0.00	0.0	3	14.9	29	NW	596	100	3	126
13	32	20	26	22	4	39	0	0.03	0.2	3	30.0	58	S	35	6	10	1246
14	42	31	37	21	16	28	0	0.53	0.0	2	31.5	54	S	0	0	10	126
15	48	35	42	21	21	23	0	1.02	0.0	T	36.5	81	S	0	0	10	12
16	45	11	28	21	7	37	0	0.57	0.5	0	55.5	106	W	0	0	10	1269
17	13	2	8	20	-12	57	0	0.36	4.5	1	42.0	76	W	0	0	10	126
18	8	-5	2	20	-18	63	0	0.10	3.4	4	19.3	40	N	10	2	10	126
19	7	-7	0	20	-20	65	0	0.01	0.4	6	21.9	44	N	561	97	1	1269
20	4	-8	-2	19	-21	67	0	0.02	0.7	6	43.6	69	NW	85	15	10	1269
21	1	-7	-3	19	-22	68	0	0.04	0.7	6	25.5	58	NW	335	58	8	1269
22	-5	-10	-7	18	-25	72	0	0.54	6.0	8	55.8	96	NW	0	0	10	1269
23	-1	-11	-6	18	-24	71	0	T	0.1	9	73.8	102	NW	0	0	10	1269
24	15	-1	7	18	-11	58	0	0.14	1.1	8	31.3	63	SE	315	55	8	1269
25	32	14	23	17	6	42	0	3.47	14.0	11	63.3	110	SE	0	0	10	12469
26	25	11	18	17	1	47	0	0.23	1.2	17	23.1	68	S	261	46	8	12469
27	16	11	14	16	-2	51	0	T	T	17	19.9	36	SW	10	2	9	126
28	18	11	15	16	-1	50	0	0.06	0.6	17	31.7	55	W	5	1	10	1269
29	14	5	10	16	-6	55	0	0.08	0.8	18	44.1	67	W	5	1	10	1269
30	20	7	14	15	-1	51	0	0.50	3.3	18	23.4	50	SE	295	53	9	1246
SUM	746	379	----	----	----	1378	0	10.15	44.3	----	1029.0	----	----	4486	----	261	----
AVG	24.9	12.6	----	----	----	----	----	----	----	----	34.3	FASTEST	DIR	POSS	%		----
											MISC. ->	110	SE	17696	25%	8.7	----

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	18.8	TOTAL FOR THE MONTH	10.15	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-1.8	DEPARTURE FROM NORMAL	-0.34			2 = FOG REDUCING VISIBILITY	
HIGHEST	48 on 15th	24 HOUR MAX	3.61 on 25th	CLEAR (SCALE 0-3)	2	TO 1/4 MILE OR LESS	
LOWEST	-11 on 23rd	SNOWFALL, ICE PELLETS (IN.)		PARTLY CLOUDY (SCALE 4-7)	2	3 = THUNDER	
NUMBER OF DAYS WITH:				CLOUDY (SCALE 8-10)	26	4 = ICE PELLETS	
		TOTAL FOR THE MONTH	44.3	WITH .01" OR MORE PRECIP	23	5 = HAIL	
MAX. 32 OR BELOW	20	24 HOUR MAX	14.2 on 25th	WITH .10" OR MORE PRECIP	16	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	21 on 30th	WITH .50" OR MORE PRECIP	8	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	24			WITH 1.0" OR MORE PRECIP	2	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	7	PRESSURE DATA (IN.)				9 = BLOWING SNOW	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.505 on 4th			X = TORNADO	
		LOWEST SEA-LEVEL	29.190 on 16th				
TOTAL THIS MONTH	1378	AVG STATION	23.609				
DEPARTURE FROM NORMAL	46						
SEASON TOTAL	4057						
DEPARTURE FROM NORMAL	-139						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

NOTES: 15th: NEW DAILY RECORD HIGH OF 48°F; OLD RECORD OF 45°F SET IN 1993.					
20th: NEW DAILY RECORD LOW OF -8°F; OLD RECORD OF -7°F SET IN 1951 AND 1952.					

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR					
0600	1200	1800	0000	MONTH	
90	90	91	89	90	

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 257 HOURS OF PREVAILING WINDS FROM THE W, 35% OF THE TOTAL HOURS OF THE MONTH.