

WS FORM F-6											STATION							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MOUNT WASHINGTON OBSERVATORY							
											MONTH				YEAR			
											DECEMBER				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	SNOW & ICE	SNOW/ICE ON GROUND-6AM	AVG SPEED	FASTEST MILE		TOTAL % POSS		COVER	WEATHER			
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	(EQUIV)	ICE		SPEED	SPEED	DIR					
1	2	-16	-7	15	-22	72	0	0.11	1.6	3	72.9	120	W	0	0	10	1269	
2	19	-2	9	14	-5	56	0	T	T	3	19.9	60	NW	64	11	10	126	
3	15	-5	5	14	-9	60	0	0.97	12.4	4	30.6	72	S	0	0	10	1269	
4	8	-7	1	14	-13	64	0	0.13	2.7	10	28.2	62	NW	10	2	10	1269	
5	6	-5	1	13	-12	64	0	0.01	0.9	11	19.7	47	NW	0	0	10	1269	
6	9	-10	0	13	-13	65	0	0.01	0.2	10	57.9	87	NW	255	46	6	1269	
7	13	4	9	13	-4	56	0	0.03	0.4	7	40.0	64	SW	60	11	9	1269	
8	12	-3	5	12	-7	60	0	0.22	1.5	5	61.5	95	W	0	0	10	1269	
9	9	-3	3	12	-9	62	0	T	T	5	51.4	81	NW	225	41	9	1269	
10	13	4	9	12	-3	56	0	0.20	1.7	5	45.5	60	NW	190	35	8	1269	
11	23	5	14	11	3	51	0	0.43	3.0	5	47.3	77	W	35	6	9	1269	
12	22	-11	6	11	-5	59	0	0.52	2.4	8	78.6	117	W	0	0	10	12469	
13	14	-11	2	11	-9	63	0	0.21	2.3	8	38.8	83	NW	15	3	9	1269	
14	12	-11	1	10	-9	64	0	0.47	3.6	9	60.6	105	W	0	0	10	1269	
15	14	-13	1	10	-9	64	0	0.01	0.1	10	44.8	106	NW	275	50	8	1269	
16	18	-5	7	10	-3	58	0	1.80	10.2	10	44.4	103	SE	0	0	10	12469	
17	-3	-16	-9	9	-18	74	0	0.07	0.7	12	83.1	124	NW	0	0	10	1269	
18	7	-11	-2	9	-11	67	0	T	T	12	56.7	82	NW	110	20	8	1269	
19	16	6	11	9	2	54	0	0.04	0.7	12	30.3	54	NW	35	6	10	1269	
20	17	9	13	9	4	52	0	0.62	6.8	13	19.8	35	SE	0	0	10	126	
21	19	10	15	8	7	50	0	0.00	0.0	15	14.6	37	SW	470	87	2	1269	
22	26	11	19	8	11	46	0	0.00	0.0	14	29.3	52	SW	534	98	4	1269	
23	35	22	29	8	21	36	0	0.61	0.1	13	53.2	103	S	0	0	10	12469	
24	33	4	19	8	11	46	0	0.25	0.7	9	75.2	108	W	0	0	10	12469	
25	23	6	15	7	8	50	0	0.00	0.0	9	57.8	84	W	90	17	8	1269	
26	27	20	24	7	17	41	0	0.00	0.0	9	27.5	52	W	501	92	4		
27	29	14	22	7	15	43	0	0.48	3.7	9	18.8	57	W	0	0	10	1269	
28	26	12	19	7	12	46	0	0.00	0.0	11	41.7	92	W	225	41	7	1269	
29	26	10	18	7	11	47	0	0.37	1.8	12	60.4	92	W	0	0	10	1269	
30	17	8	13	7	6	52	0	0.01	0.1	12	43.5	89	W	60	11	10	1269	
31	15	2	9	7	2	56	0	0.43	3.6	14	39.8	100	W	0	0	10	1269	
SUM	522	18	----	----	----	1734	0	8.00	61.2	----	1393.8	----	----	3154	----	271	----	
AVG	16.8	0.6	----	----	----	----	----	----	----	----	45.0	FASTEST	DIR	POSS	%		----	
											MISC. ->	124	NW	16968	19%	8.7	----	

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	8.7	TOTAL FOR THE MONTH	8.00	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-1.4	DEPARTURE FROM NORMAL	-0.84			2 = FOG REDUCING VISIBILITY	
HIGHEST	35 on 23rd	24 HOUR MAX	1.82 on 16th	CLEAR (SCALE 0-3)	1	TO 1/4 MILE OR LESS	
LOWEST	-16 on 1st, 17th	SNOWFALL, ICE PELLETS (IN.)		PARTLY CLOUDY (SCALE 4-7)	4	3 = THUNDER	
NUMBER OF DAYS WITH:				CLOUDY (SCALE 8-10)	26	4 = ICE PELLETS	
		TOTAL FOR THE MONTH	61.2	WITH .01" OR MORE PRECIP	23	5 = HAIL	
MAX. 32 OR BELOW	29	24 HOUR MAX	12.6 on 3rd	WITH .10" OR MORE PRECIP	16	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	15.0 on 16th, 31st	WITH .50" OR MORE PRECIP	5	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	31			WITH 1.0" OR MORE PRECIP	1	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 0 OR BELOW	15	PRESSURE DATA (IN.)				8 = SMOKE OR HAZE	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.606 on 22nd			9 = BLOWING SNOW	
		LOWEST SEA-LEVEL	28.925 on 16th			X = TORNADO	
TOTAL THIS MONTH	1734	AVG STATION	23.5560				
DEPARTURE FROM NORMAL	32						
SEASON TOTAL	5642						
DEPARTURE FROM NORMAL	-256						
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					
0600	1200	1800	0000	MONTH	
83	83	84	92	86	

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE HOURS 262 OF PREVAILING WINDS FROM THE W, 35% OF THE TOTAL HOURS OF THE MONTH.