

WS FORM F-6											STATION						
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MOUNT WASHINGTON OBSERVATORY						
											MONTH			YEAR			
											DECEMBER			2005			
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				
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	(EQUIV)	ICE		SPEED	SPEED	DIR				
1	35	24	30	15	15	35	0	0.00	0.0	0	19.3	47	W	505	90	4	126
2	30	3	17	14	3	48	0	0.63	3.5	T	38.5	84	W	0	0	10	1269
3	3	-3	0	14	-14	65	0	0.15	1.6	2	70.4	92	W	0	0	10	1269
4	9	-1	4	14	-10	61	0	0.21	3.0	3	41.8	73	W	0	0	10	1269
5	13	3	8	13	-5	57	0	0.13	1.2	6	44.0	75	W	112	20	8	1269
6	12	-3	5	13	-8	60	0	0.12	1.5	6	34.3	81	W	0	0	10	1269
7	-1	-16	-9	13	-22	74	0	0.23	2.6	7	70.7	100	W	0	0	10	1269
8	10	-3	4	12	-8	61	0	0.00	0.0	6	40.9	87	NW	550	100	0	1269
9	16	-2	7	12	-5	58	0	0.44	4.3	6	52.5	99	NW	0	0	10	1269
10	16	1	9	12	-3	56	0	0.36	2.4	8	49.1	86	NW	190	35	9	1269
11	15	5	10	11	-1	55	0	T	T	7	32.1	57	W	345	63	5	126
12	9	-1	4	11	-7	61	0	0.07	1.5	7	17.5	36	NW	0	0	10	1269
13	-1	-15	-8	11	-19	73	0	T	T	8	24.1	64	N	494	90	2	1269
14	9	-14	-3	10	-13	68	0	0.00	0.0	7	26.8	49	N	545	100	1	
15	23	7	15	10	5	50	0	0.00	0.0	7	18.6	37	N	545	100	2	
16	26	8	17	10	7	48	0	1.36	7.6	8	47.4	85	SE	0	0	10	1269
17	10	5	8	9	-1	57	0	0.03	0.3	10	57.5	87	W	0	0	10	1269
18	9	4	7	9	-2	58	0	0.00	0.0	9	42.1	58	W	185	34	9	126
19	4	-3	1	9	-8	64	0	0.26	2.0	9	57.1	95	W	0	0	10	1269
20	4	-9	-3	9	-12	68	0	0.32	3.1	10	65.5	90	W	0	0	10	1269
21	0	-11	-6	8	-14	71	0	0.06	0.6	10	45.0	73	W	199	37	7	1269
22	14	-9	3	8	-5	62	0	0.11	0.8	10	57.5	97	W	149	27	8	1269
23	28	12	20	8	12	45	0	0.33	2.3	10	50.5	70	W	0	0	10	1269
24	27	17	22	8	14	43	0	0.00	0.0	11	35.8	70	W	95	17	9	1269
25	30	22	26	7	19	39	0	0.29	1.1	11	27.8	65	SE	0	0	8	12469
26	35	1	18	7	11	47	0	1.32	11.0	15	17.5	56	SE	10	2	10	12469
27	19	-2	9	7	2	56	0	0.81	5.0	20	72.2	104	NW	308	57	5	1269
28	30	18	24	7	17	41	0	T	T	19	38.1	55	SW	206	38	8	1269
29	35	27	31	7	24	34	0	0.95	0.2	19	32.3	83	SW	0	0	10	126
30	34	13	24	7	17	41	0	0.58	3.1	14	35.0	84	NW	0	0	10	1269
31	22	14	18	7	11	47	0	0.03	0.6	14	12.1	33	NW	120	22	10	126
SUM	525	92	----	----	----	1703	0	8.79	59.3	----	1274.0	----	----	4558	----	245	----
AVG	16.9	3.0	----	----	----	----	----	----	----	----	41.1	FASTEST	DIR	POSS	%		----
												104	NW	16968	27%	7.9	----

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	10.0	TOTAL FOR THE MONTH	8.79	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-0.1	DEPARTURE FROM NORMAL	-0.05			2 = FOG REDUCING VISIBILITY	
HIGHEST	35 1st/29th	24 HOUR MAX	1.54 26th/27th	CLEAR (SCALE 0-3)	4	TO 1/4 MILE OR LESS	
LOWEST	-16 7th			PARTLY CLOUDY (SCALE 4-7)	4		
NUMBER OF DAYS WITH:		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	23		
				WITH .01" OR MORE PRECIP	22	5 = HAIL	
MAX. 32 OR BELOW	27	TOTAL FOR THE MONTH	59.3	WITH .10" OR MORE PRECIP	18	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	24 HOUR MAX	12.4 26th/27th	WITH .50" OR MORE PRECIP	6	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	31	MAX DEPTH ON GROUND	20.0 27th	WITH 1.0" OR MORE PRECIP	2	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 0 OR BELOW	14					8 = SMOKE OR HAZE	
		PRESSURE DATA (IN.)				9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.635 8th				
		LOWEST SEA-LEVEL	29.145 26th				
TOTAL THIS MONTH	1703	AVG STATION	23.4350				
DEPARTURE FROM NORMAL	1						
SEASON TOTAL	5292						
DEPARTURE FROM NORMAL	-606						
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
81	79	83	84	82

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 380 HOURS OF PREVAILING WINDS FROM THE W, 51% OF THE TOTAL HOURS OF THE MONTH.