

WS FORM F-6											STATION							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MOUNT WASHINGTON OBSERVATORY							
											MONTH			YEAR				
											OCTOBER			2008				
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.	
DAY	MAX	MIN	AVG	NORM	DEPART	DEGREE DAYS	TOTAL (EQUIV)	SNOW & ICE	SNOW/ICE ON GROUND-6AM	AVG SPEED	FASTEST MILE SPEED	DIR	TOTAL	% POSS	COVER	WEATHER		
1	41	35	38	35	3	27	0	1.45	T	0	22.8	39	S	0	0	10	125*	
2	37	22	30	35	-5	35	0	0.72	1.4	0	40.1	79	W	0	0	10	1245*69	
3	28	22	25	35	-10	40	0	0.48	1.9	1	50.6	94	W	0	0	10	12469	
4	27	23	25	34	-9	40	0	T	T	2	49.3	80	W	0	0	10	1269	
5	29	21	25	34	-9	40	0	0.02	0.2	2	29.6	47	W	0	0	10	126	
6	26	19	23	33	-10	42	0	T	T	2	30.7	71	N	5	1	10	126	
7	38	19	29	33	-4	36	0	0.00	0.0	2	43.4	67	NW	699	100	1		
8	45	33	39	33	6	26	0	T	0.0	1	25.4	51	NW	525	76	8		
9	41	33	37	32	5	28	0	0.65	0.0	T	44.8	74	W	0	0	10	12	
10	34	27	31	32	-1	34	0	0.00	0.0	0	50.3	81	NW	173	25	9	126	
11	34	29	32	32	0	33	0	0.00	0.0	0	39.2	58	NW	450	66	5	126	
12	43	30	37	31	6	28	0	0.00	0.0	0	30.5	51	NW	616	90	5		
13	46	38	42	31	11	23	0	T	0.0	0	35.4	55	NW	35	5	10	12	
14	48	32	40	31	9	25	0	0.02	0.0	0	40.1	86	W	315	46	8	12	
15	51	34	43	30	13	22	0	0.00	0.0	0	23.3	55	NW	642	95	9	12	
16	47	25	36	30	6	29	0	0.94	0.0	0	39.0	74	NW	0	0	10	126	
17	26	17	22	30	-8	43	0	0.00	0.0	0	30.4	65	NW	620	93	5	126	
18	23	16	20	29	-9	45	0	0.00	0.0	0	9.4	33	NW	367	55	5	126	
19	36	19	28	29	-1	37	0	0.00	0.0	0	17.0	32	NE	661	100	3		
20	41	29	35	29	6	30	0	0.00	0.0	0	18.6	37	NW	439	67	5		
21	34	23	29	29	0	36	0	0.19	2.0	0	17.3	48	SW	0	0	10	1246	
22	24	16	20	28	-8	45	0	0.04	1.1	3	27.3	47	N	0	0	10	1269	
23	33	16	25	28	-3	40	0	0.00	0.0	3	21.3	38	NE	650	100	0		
24	43	29	36	28	8	29	0	0.00	0.0	1	16.0	31	SW	646	100	3		
25	42	31	37	27	10	28	0	1.98	0.0	1	42.7	87	SE	10	2	10	12	
26	43	30	37	27	10	28	0	0.63	0.0	0	26.3	62	S	399	62	5	12	
27	38	30	34	27	7	31	0	0.00	0.0	0	24.6	63	W	345	54	6	126	
28	34	14	24	26	-2	41	0	1.02	3.2	0	30.6	73	E	0	0	10	123469	
29	14	6	10	26	-16	55	0	0.09	0.7	2	63.9	97	W	0	0	10	1269	
30	22	8	15	26	-11	50	0	0.00	0.0	2	55.6	90	NW	0	0	10	1269	
31	33	18	26	26	0	39	0	0.00	0.0	2	59.3	86	W	615	98	3	126	
SUM	1101	744	----	----	----	1085	0	8.23	10.5	----	1054.8	----	----	8212	----	230	----	
AVG	35.5	24.0	----	----	----	----	----	----	----	----	34.0	FASTEST	DIR	POSS	%	7.4	----	
											MISC. ->	97	W	20805	39%			

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	29.8	TOTAL FOR THE MONTH	8.23	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-0.4	DEPARTURE FROM NORMAL	0.57			2 = FOG REDUCING VISIBILITY	
HIGHEST	51 on 15th	24 HOUR MAX	2.61 on 25/26th	CLEAR (SCALE 0-3)	5	TO 1/4 MILE OR LESS	
LOWEST	6 on 29th			PARTLY CLOUDY (SCALE 4-7)	7		
NUMBER OF DAYS WITH:		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	19	4 = ICE PELLETS	
		TOTAL FOR THE MONTH	10.5	WITH .01" OR MORE PRECIP	13	5 = HAIL	
MAX. 32 OR BELOW	9	24 HOUR MAX	3.9 on 28/29th	WITH .10" OR MORE PRECIP	9	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	3 on 22/23rd	WITH .50" OR MORE PRECIP	7	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	26			WITH 1.0" OR MORE PRECIP	3	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 0 OR BELOW	0	PRESSURE DATA (IN.)				8 = SMOKE OR HAZE	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.693 on 12th			9 = BLOWING SNOW	
		LOWEST SEA-LEVEL	29.234 on 29th			X = TORNADO	
TOTAL THIS MONTH	1085	AVG STATION	23.801				
DEPARTURE FROM NORMAL	6						
SEASON TOTAL	2679						
DEPARTURE FROM NORMAL	-185						
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
75	79	76	76	77

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 253 HOURS OF PREVAILING WINDS FROM THE NW, 34% OF THE TOTAL HOURS OF THE MONTH.