

WS FORM F-6											STATION						
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MOUNT WASHINGTON OBSERVATORY						
											MONTH			YEAR			
											SEPTEMBER			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	52	38	45	45	0	20	0.00	0.0	0	46.0	80	NW	806	100	3	12	
2	55	45	50	44	6	15	0.00	0.0	0	27.3	54	N	437	54	8		
3	57	44	51	44	7	14	0.00	0.0	0	17.5	42	NW	700	88	3	12	
4	55	49	52	44	8	13	0.00	0.0	0	28.0	44	W	0	0	10	12	
5	59	51	55	43	12	10	0.00	0.0	0	30.0	51	SW	235	30	9	12	
6	60	50	55	43	12	10	1.53	0.0	0	27.3	47	SW	40	5	10	12	
7	53	36	45	43	2	20	0.62	0.0	0	34.5	64	W	290	37	8	12	
8	44	36	40	43	-3	25	0.00	0.0	0	38.6	59	W	65	8	10	12	
9	48	35	42	42	0	23	1.12	0.0	0	41.7	81	W	0	0	10	123	
10	36	28	32	42	-10	33	0.00	0.0	0	35.3	68	W	125	16	9	126	
11	41	28	35	42	-7	30	0.00	0.0	0	14.6	33	W	344	44	8	12	
12	48	36	42	42	0	23	0.55	0.0	0	33.7	59	SW	0	0	10	12	
13	50	45	48	41	7	17	0.00	0.0	0	22.0	39	NW	80	10	10	12	
14	58	49	54	41	13	11	0.57	0.0	0	33.9	59	W	0	0	10	12	
15	57	34	46	41	5	19	0.26	0.0	0	56.3	93	W	0	0	10	12	
16	45	32	39	40	-1	26	0.00	0.0	0	21.1	39	W	386	51	8	12	
17	47	34	41	40	1	24	0.00	0.0	0	26.4	45	W	758	100	3	12	
18	40	25	33	40	-7	32	T	0.0	0	34.2	61	NW	555	73	4	126	
19	47	31	39	39	0	26	0.00	0.0	0	12.4	26	SW	753	100	1		
20	54	40	47	39	8	18	0.00	0.0	0	22.8	42	W	735	98	6		
21	45	36	41	39	2	24	0.00	0.0	0	30.5	48	W	0	0	10	12	
22	42	32	37	39	-2	28	0.00	0.0	0	15.3	32	SW	614	83	4	12	
23	42	33	38	38	0	27	0.00	0.0	0	22.7	46	NW	723	98	1	12	
24	48	39	44	38	6	21	0.00	0.0	0	18.0	48	NW	25	3	10	12	
25	54	44	49	37	12	16	0.00	0.0	0	8.6	22	S	270	37	8	12	
26	50	41	46	37	9	19	1.31	0.0	0	31.9	66	E	0	0	10	12	
27	52	45	49	37	12	16	0.94	0.0	0	23.3	44	SE	5	1	10	12	
28	52	46	49	36	13	16	1.24	0.0	0	14.9	46	N	0	0	10	12	
29	47	40	44	36	8	21	0.06	0.0	0	15.3	40	NW	340	47	9	12	
30	44	37	41	36	5	24	0.07	0.0	0	10.6	35	S	25	3	10	12	
SUM	1482	1159	----	----	----	621	8.27	0.0	----	794.7	----	----	8311	----	232	----	
AVG	49.4	38.6	----	----	----	----	----	----	----	26.5	FASTEST	DIR	POSS	%	7.7	----	
										MISC. ->	93	W	22883	36%		----	

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	44.0	TOTAL FOR THE MONTH	8.27	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	3.6	DEPARTURE FROM NORMAL	-0.28			2 = FOG REDUCING VISIBILITY	
HIGHEST	60 on 6th	24 HOUR MAX	2.15 on 6/7th	CLEAR (SCALE 0-3)	5	TO 1/4 MILE OR LESS	
LOWEST	25 on 18th			PARTLY CLOUDY (SCALE 4-7)	3		
NUMBER OF DAYS WITH:		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	22		
				WITH .01" OR MORE PRECIP	11	6 = GLAZE OR RIME	
MAX. 32 OR BELOW	0	TOTAL FOR THE MONTH	0.0	WITH .10" OR MORE PRECIP	9	7 = BLOWING DUST OR SAND	
MAX. 90 OR ABOVE	0	24 HOUR MAX	0.0 on N/A	WITH .50" OR MORE PRECIP	8	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	6	MAX DEPTH ON GROUND	0 on N/A	WITH 1.0" OR MORE PRECIP	4	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	0					9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.669 on 25th				
		LOWEST SEA-LEVEL	29.570 on 15th				
TOTAL THIS MONTH	621	AVG STATION	23.970				
DEPARTURE FROM NORMAL	-118						
SEASON TOTAL	1594						
DEPARTURE FROM NORMAL	-191						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

NOTES:					
AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR			NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER.		
0600	1200	1800	0000	MONTH	
79	82	87	87	84	

THERE WERE 278 HOURS OF PREVAILING WINDS FROM THE WEST, 37% OF THE TOTAL HOURS OF THE MONTH.