

WS FORM F-6											STATION							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MOUNT WASHINGTON OBSERVATORY							
											MONTH				YEAR			
											MAY				2010			
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	50	31	41	30	11	24	0	T	0.0	15	37.5	63	NW	560	65	8	1239	
2	58	47	53	30	23	12	0	T	0.0	7	35.5	60	W	270	31	9	12	
3	52	37	45	30	15	20	0	0.03	0.0	3	48.3	80	W	15	2	10	12	
4	43	31	37	31	6	28	0	0.13	T	1	41.6	80	W	110	13	9	125*6	
5	44	30	37	31	6	28	0	T	0.0	T	37.3	65	W	385	44	8	126	
6	44	26	35	32	3	30	0	0.54	1.2	T	51.3	90	W	71	8	10	125*6	
7	32	21	27	32	-5	38	0	0.01	0.1	1	54.8	88	NW	420	48	9	126	
8	38	20	29	32	-3	36	0	1.23	2.2	1	36.0	70	W	0	0	10	12346	
9	21	11	16	33	-17	49	0	0.40	2.7	3	64.0	96	W	0	0	10	1269	
10	17	9	13	33	-20	52	0	0.00	0.0	3	41.7	65	NW	180	20	10	126	
11	27	10	19	34	-15	46	0	0.00	0.0	3	23.9	57	N	783	88	6	126	
12	32	19	26	34	-8	39	0	0.00	0.0	3	10.0	32	N	612	69	8		
13	38	18	28	35	-7	37	0	0.00	0.0	2	31.4	57	W	885	99	3		
14	40	28	34	35	-1	31	0	0.03	0.3	2	28.7	61	NW	0	0	10	126	
15	37	29	33	35	-2	32	0	0.65	1.0	1	42.6	73	NW	0	0	10	12469	
16	35	27	31	36	-5	34	0	0.00	0.0	1	39.8	78	NW	662	73	4	126	
17	47	33	40	36	4	25	0	0.00	0.0	1	22.3	52	NW	860	95	5		
18	48	34	41	37	4	24	0	0.00	0.0	T	13.8	41	SE	540	60	10		
19	37	32	35	37	-2	30	0	0.38	0.0	T	35.2	63	E	70	8	10	12	
20	48	35	42	37	5	23	0	T	0.0	T	44.9	70	NW	525	58	8	12	
21	51	37	44	38	6	21	0	0.00	0.0	T	24.5	48	NW	911	100	3		
22	56	44	50	38	12	15	0	0.00	0.0	T	22.3	38	SW	440	48	10	12	
23	56	44	50	38	12	15	0	0.00	0.0	T	21.5	48	S	865	94	4	12	
24	60	45	53	39	14	12	0	0.00	0.0	T	14.0	30	NW	596	65	6	12	
25	65	50	58	39	19	7	0	0.00	0.0	T	21.3	51	NW	736	80	6	12	
26	59	48	54	39	15	11	0	0.00	0.0	0	33.2	64	NW	490	53	6	12	
27	51	35	43	40	3	22	0	0.00	0.0	0	17.5	35	NE	904	98	5	12	
28	50	35	43	40	3	22	0	0.00	0.0	0	13.1	34	NE	889	96	6		
29	52	40	46	40	6	19	0	0.04	0.0	0	20.5	54	W	180	19	9	12	
30	44	30	37	40	-3	28	0	0.00	0.0	0	46.5	71	NW	235	25	9	128	
31	54	30	42	41	1	23	0	0.00	0.0	0	32.8	68	NW	771	83	5	128	
SUM	1386	966	----	----	----	833	0	3.44	7.5	----	1007.8	----	----	13965	----	236	----	
AVG	44.7	31.2	----	----	----	----	----	----	----	----	32.5	FASTEST	DIR	POSS	%		----	
											MISC. ->	96	W	27878	50%	7.6	----	

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	38.0	TOTAL FOR THE MONTH	3.44	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	2.4	DEPARTURE FROM NORMAL	-4.77			2 = FOG REDUCING VISIBILITY	
HIGHEST	65 on 25th	24 HOUR MAX	1.33 on 8th/9th	CLEAR (SCALE 0-3)	2	TO 1/4 MILE OR LESS	
LOWEST	9 on 10th			PARTLY CLOUDY (SCALE 4-7)	10		
NUMBER OF DAYS WITH:		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	19		
		TOTAL FOR THE MONTH	7.5	WITH .01" OR MORE PRECIP	10	6 = GLAZE OR RIME	
MAX. 32 OR BELOW	5	24 HOUR MAX	4.4 on 8th/9th	WITH .10" OR MORE PRECIP	6	7 = BLOWING DUST OR SAND	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	15 on 1st	WITH .50" OR MORE PRECIP	3	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	17			WITH 1.0" OR MORE PRECIP	1	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	0	PRESSURE DATA (IN.)				9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.484 on 24th				
		LOWEST SEA-LEVEL	29.368 on 9th				
TOTAL THIS MONTH	833	AVG STATION	23.7900				
DEPARTURE FROM NORMAL	-80						
SEASON TOTAL	12359						
DEPARTURE FROM NORMAL	-799						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

NOTES: * "5" - SOME OR ALL FELL AS SMALL HAIL.				
2ND: DAILY RECORD HIGH OF 58°F EQUALED; RECORD PREVIOUSLY SET IN 1936.				
4TH, 6TH: SOME OR ALL FELL AS HAIL/SMALL HAIL.				
25TH: NEW DAILY RECORD HIGH OF 65°F; PREVIOUS RECORD OF 61°F SET IN 2007.				
26TH: DAILY RECORD HIGH OF 59°F EQUALED; RECORD PREVIOUSLY SET IN 1978.				

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR				
0600	1200	1800	0000	MONTH
82	73	80	83	80

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PIVOT-STATIC TYPE ANEMOMETER. THERE WERE 282 HOURS OF PREVAILING WINDS FROM THE NW. 38% OF THE TOTAL HOURS OF THE MONTH.