

WS FORM F-6											STATION										
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MOUNT WASHINGTON OBSERVATORY										
											MONTH			YEAR							
											JUNE			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	DIR	TOTAL	% POSS	(TENTHS)		
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	(EQUIV)	ICE		SPEED	SPEED	DIR								
1	50	36	43	41	2	22	0	0.00	0.0	0	12.0	23	N	587	63	4	12				
2	57	42	50	41	9	15	0	0.00	0.0	0	9.2	21	W	647	70	4					
3	61	44	53	42	11	12	0	0.01	0.0	0	12.1	26	NW	495	53	9					
4	59	46	53	42	11	12	0	0.00	0.0	0	16.8	29	NW	358	38	7					
5	63	45	54	42	12	11	0	T	0.0	0	14.2	24	NW	650	70	8	12				
6	55	44	50	42	8	15	0	0.12	T*	0	23.0	55	SW	45	5	10	1235				
7	54	46	50	43	7	15	0	0.00	0.0	0	38.8	58	W	115	12	10	12				
8	55	41	48	43	5	17	0	0.29	0.0	0	24.3	53	NW	320	34	9	12				
9	60	48	54	43	11	11	0	0.24	0.0	0	18.6	39	W	285	30	7	123				
10	60	53	57	43	14	8	0	0.24	0.0	0	21.4	47	W	25	3	9	123				
11	66	55	61	44	17	4	0	1.76	0.0	0	12.5	23	NW	230	24	9	123				
12	60	56	58	44	14	7	0	0.04	0.0	0	22.0	45	W	20	2	10	12				
13	59	55	57	44	13	8	0	0.01	0.0	0	28.5	43	NW	0	0	10	12				
14	58	50	54	44	10	11	0	1.71	0.0	0	15.5	27	W	0	0	10	12				
15	56	43	50	44	6	15	0	0.43	0.0	0	18.7	29	NW	55	6	9	12				
16	48	39	44	45	-1	21	0	0.06	0.0	0	19.4	29	W	0	0	10	12				
17	47	37	42	45	-3	23	0	0.49	0.0	0	14.0	28	SE	30	3	10	12				
18	44	35	40	45	-5	25	0	0.83	0.0	0	12.2	18	N	5	1	10	12				
19	49	36	43	45	-2	22	0	0.00	0.0	0	12.4	23	NE	923	98	1	12				
20	56	40	48	45	3	17	0	0.00	0.0	0	13.3	28	W	928	98	5					
21	61	47	54	46	8	11	0	0.00	0.0	0	19.3	41	NW	850	90	4	12				
22	50	32	41	46	-5	24	0	0.90	0.0	0	21.0	40	NW	300	32	8	12				
23	50	32	41	46	-5	24	0	0.00	0.0	0	20.7	42	W	600	64	6					
24	60	43	52	46	6	13	0	0.00	0.0	0	25.0	42	W	584	62	8					
25	66	53	60	46	14	5	0	0.00	0.0	0	27.0	43	NW	405	43	7	128				
26	68	55	62	47	15	3	0	0.00	0.0	0	10.0	42	W	660	70	7	128				
27	68	56	62	47	15	3	0	0.20	0.0	0	9.7	24	SW	225	24	8	1238				
28	63	54	59	47	12	6	0	0.31	0.0	0	9.9	30	NW	400	42	6	123				
29	59	51	55	47	8	10	0	0.45	0.0	0	14.5	36	W	0	0	10	1238				
30	62	52	57	47	10	8	0	0.20	0.0	0	4.1	10	S	295	31	8	128				
SUM	1724	1366	----	----	----	398	0	8.29	0.0	----	520.1	----	----	10037	----	233	----	----			
AVG	57.5	45.5	----	----	----	----	----	----	----	----	17.3	FASTEST	DIR	POSS %				----			
											MISC. ->	58	W	28193	36%	7.8	----	----			

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	51.5	TOTAL FOR THE MONTH	8.29	NUMBER OF DAYS:	1 = FOG		
DEPARTURE FROM NORMAL	7.1	DEPARTURE FROM NORMAL	-0.07		2 = FOG REDUCING VISIBILITY		
HIGHEST	68 26th, 27th	24 HOUR MAX	1.80 11th/12th	CLEAR (SCALE 0-3)	1 TO 1/4 MILE OR LESS		
LOWEST	32 22nd, 23rd			PARTLY CLOUDY (SCALE 4-7)	10 3 = THUNDER		
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	19 4 = ICE PELLETS		
NUMBER OF DAYS WITH:					5 = HAIL		
MAX. 32 OR BELOW	0	TOTAL FOR THE MONTH	Trace*	WITH .01" OR MORE PRECIP	18 6 = GLAZE OR RIME		
MAX. 90 OR ABOVE	0	24 HOUR MAX	Trace* 6th	WITH .10" OR MORE PRECIP	14 7 = BLOWING DUST OR SAND		
MIN. 32 OR BELOW	2	MAX DEPTH ON GROUND	0.0	WITH .50" OR MORE PRECIP	4 RED. VIS. TO 1/2 MILE OR LESS		
MIN. 0 OR BELOW	0			WITH 1.0" OR MORE PRECIP	2 8 = SMOKE OR HAZE		
		PRESSURE DATA (IN.)			9 = BLOWING SNOW		
					X = TORNADO		
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.462 on 27th				
		LOWEST SEA-LEVEL	29.633 on 17th				
TOTAL THIS MONTH	398	AVG STATION	23.9090				
DEPARTURE FROM NORMAL	-220						
SEASON TOTAL	13276						
DEPARTURE FROM NORMAL	-500						
COOLING DEGREE DAYS (BASE 65F)							
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
85	82	85	91	86

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER.
THERE WERE 255 HOURS OF PREVAILING WINDS FROM THE W
35% OF THE TOTAL HOURS OF THE MONTH.