

WS FORM F-6										STATION									
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MOUNT WASHINGTON OBSERVATORY									
LATITUDE										MONTH									
44 DEGREES 16 MINUTES NORTH										MAY									
LONGITUDE										YEAR									
71 DEGREES 18 MINUTES WEST										2005									
TEMPERATURE (°F)										GROUND ELEVATION (H)									
										6280 FT									
PRECIPITATION (IN.)										STANDARD TIME									
										EASTERN									
WIND (MPH)										SUNSHINE									
										(MINUTES)									
DEGREE DAYS										SKY									
										COVER									
										WEATHER									
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	TOTAL (EQUIV)	SNOW & ICE	SNOW/ICE ON GROUND-6AM	AVG SPEED	FASTEST MILE SPEED	DIR	TOTAL	% POSS	(TENTHS)	OCUR.		
1	36	19	28	30	-2	37	0	0.02	0.2	3	31.0	57	NW	5	1	10	126		
2	29	17	23	30	-7	42	0	0.47	4.0	3	26.6	47	W	120	14	9	126		
3	24	17	21	30	-9	44	0	0.07	0.4	6	23.3	36	W	43	5	10	1269		
4	25	17	21	31	-10	44	0	0.04	0.4	6	17.5	33	NW	250	29	9	126		
5	34	18	26	31	-5	39	0	0.01	0.2	6	9.8	30	N	435	50	8	126		
6	31	22	27	32	-5	38	0	0.00	0.0	5	14.8	28	SE	620	71	10	126		
7	23	20	22	32	-10	43	0	0.45	4.9	5	35.8	65	NE	0	0	10	1269		
8	38	20	29	32	-3	36	0	0.02	0.2	7	38.3	57	NE	10	1	10	1269		
9	46	34	40	33	7	25	0	0.00	0.0	5	16.6	35	NE	509	58	8	12		
10	52	39	46	33	13	19	0	0.00	0.0	2	9.4	15	W	887	100	5			
11	54	38	46	34	12	19	0	0.43	T*	1	21.6	47	W	318	36	9	1235		
12	38	11	25	34	-9	40	0	T	0.0	0	41.7	67	NW	593	66	5	126		
13	33	9	21	35	-14	44	0	0.00	0.0	0	38.2	60	NW	870	97	3			
14	46	29	38	35	3	27	0	0.01	0.0	0	22.1	30	W	20	2	10	126		
15	46	36	41	35	6	24	0	1.07	0.0	0	17.0	36	SW	0	0	10	12		
16	40	28	34	36	-2	31	0	0.10	0.5	0	14.5	28	W	15	2	10	126		
17	31	25	28	36	-8	37	0	T	T	0	11.3	23	W	0	0	10	126		
18	31	23	27	37	-10	38	0	0.11	0.8	0	10.4	21	NW	5	1	10	126		
19	31	24	28	37	-9	37	0	0.04	0.5	1	14.1	20	NW	250	28	9	126		
20	37	27	32	37	-5	33	0	T	T	0	12.3	22	N	433	48	6	126		
21	35	25	30	38	-8	35	0	0.44	3.2	0	13.0	40	NE	115	13	9	1269		
22	30	24	27	38	-11	38	0	0.67	3.6	6	30.3	51	NE	0	0	10	12469		
23	33	27	30	38	-8	35	0	0.82	0.6	5	38.0	90	E	0	0	10	12469		
24	32	26	29	39	-10	36	0	0.40	1.2	5	39.8	84	E	0	0	10	12469		
25	32	25	29	39	-10	36	0	0.44	0.0	5	40.4	69	E	10	1	10	126		
26	36	31	34	39	-5	31	0	1.00	T	5	30.5	57	E	0	0	10	1246		
27	48	35	42	40	2	23	0	0.09	0.0	4	12.3	28	NE	530	57	8	12		
28	42	33	38	40	-2	27	0	0.23	T*	3	27.0	54	NW	135	15	9	1235		
29	44	34	39	40	-1	26	0	1.20	0.2*	0	17.7	32	NW	235	25	9	125		
30	39	34	37	40	-3	28	0	0.47	T*	0	21.0	31	NW	0	0	10	125		
31	44	36	40	41	-1	25	0	0.11	0.0	0	8.8	15	NE	80	9	9	12		
SUM	1140	803	----	----	----	1037	0	8.71	20.9	----	705.1	----	----	6488	----	275	----		
AVG	36.8	25.9	----	----	----	----	----	----	----	----	22.7	FASTEST	DIR	POSS	%	8.9	----		
											MISC. ->	90	E	27878	23%		----		

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	31.4	TOTAL FOR THE MONTH	8.71	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-4.2	DEPARTURE FROM NORMAL	0.50			2 = FOG REDUCING VISIBILITY	
HIGHEST	54 11th	24 HOUR MAX	1.60 29th, 30th	CLEAR (SCALE 0-3)	1	TO 1/4 MILE OR LESS	
LOWEST	9 13th			PARTLY CLOUDY (SCALE 4-7)	3	3 = THUNDER	
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	27	4 = ICE PELLETS	
						5 = HAIL	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	20.9	WITH .01" OR MORE PRECIP	24	6 = GLAZE OR RIME	
MAX. 32 OR BELOW	11	24 HOUR MAX	6.8 21st, 22nd	WITH .10" OR MORE PRECIP	16	7 = BLOWING DUST OR SAND	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	7 8th	WITH .50" OR MORE PRECIP	5	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	22			WITH 1.0" OR MORE PRECIP	3	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	30.610 5th				
		LOWEST SEA-LEVEL	29.745 1st				
TOTAL THIS MONTH	1037	AVG STATION	23.7255				
DEPARTURE FROM NORMAL	124						
SEASON TOTAL	12878						
DEPARTURE FROM NORMAL	-280						
COOLING DEGREE DAYS (BASE 65F)							
TOTAL THIS MONTH	0	AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR		NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE			
DEPARTURE FROM NORMAL	0	0600	1200	1800	0000	MONTH	RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE
SEASON TOTAL	0	90	89	94	91	90	239 HOURS OF PREVAILING WINDS FROM THE NORTHWEST,
DEPARTURE FROM NORMAL	0						32 % OF THE TOTAL HOURS OF THE MONTH.