

WS FORM F-6											STATION										
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MOUNT WASHINGTON OBSERVATORY										
LATITUDE											MONTH			YEAR							
44 DEGREES 16 MINUTES NORTH											APRIL			2005							
LONGITUDE											GROUND ELEVATION (H)			STANDARD TIME							
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	32	20	26	18	8	39	0	0.01	0.2	7	26.5	42	S	0	0	10	1246				
2	35	21	28	18	10	37	0	0.96	1.0	7	41.5	93	SE	0	0	10	12469				
3	35	18	27	19	8	38	0	1.98	4.6	5	49.8	95	SE	0	0	10	12469				
4	25	17	21	19	2	44	0	0.14	1.4	8	30.2	65	W	0	0	10	1269				
5	25	13	19	19	0	46	0	0.01	0.3	9	46.3	89	NW	200	25	8	1269				
6	35	20	28	19	9	37	0	T	T	10	24.8	46	NW	535	68	7	126				
7	41	24	33	20	13	32	0	0.10	T	10	35.1	66	W	40	5	10	1246				
8	25	16	21	20	1	44	0	T	T	9	35.4	52	NW	380	48	8	126				
9	28	14	21	20	1	44	0	T	T	9	29.2	57	NW	773	96	3	126				
10	30	10	20	21	-1	45	0	0.00	0.0	9	33.8	60	NW	804	100	2					
11	12	4	8	21	-13	57	0	T	T	9	23.6	48	N	525	65	5	126				
12	13	4	9	21	-12	56	0	0.36	4.7	9	38.6	74	N	0	0	10	1269				
13	21	9	15	22	-7	50	0	0.04	0.7	11	31.3	78	N	330	41	8	1269				
14	28	14	21	22	-1	44	0	0.00	0.0	10	27.2	46	N	802	98	6					
15	29	13	21	22	-1	44	0	0.00	0.0	10	18.2	34	E	819	100	0					
16	38	26	32	23	9	33	0	0.00	0.0	9	12.8	27	NW	821	100	5					
17	40	29	35	23	12	30	0	0.00	0.0	9	31.3	61	NW	776	94	5					
18	32	24	28	24	4	37	0	0.00	0.0	7	37.6	60	N	829	100	7					
19	44	29	37	24	13	28	0	0.00	0.0	6	35.7	64	W	731	88	6					
20	47	29	38	24	14	27	0	0.68	T	5	34.9	64	W	55	7	10	1246				
21	29	12	21	25	-4	44	0	T	T	3	35.6	69	NW	838	100	1	124				
22	35	14	25	25	0	40	0	T	T	3	18.1	35	NW	513	61	7	126				
23	39	23	31	26	5	34	0	1.11	1.5	4	40.4	72	SE	0	0	10	1246				
24	37	23	30	26	4	35	0	2.63	0.0	2	53.2	94	SE	35	4	10	126				
25	28	18	23	27	-4	42	0	0.26	3.7	3	22.9	41	W	0	0	10	1269				
26	37	19	28	27	1	37	0	0.01	0.1	4	28.2	54	W	370	43	8	1269				
27	35	26	31	27	4	34	0	0.96	1.0	3	47.3	79	S	0	0	10	1246				
28	35	22	29	28	1	36	0	0.85	4.1	4	23.4	48	NW	0	0	10	1246				
29	27	18	23	28	-5	42	0	0.00	0.0	6	36.7	61	W	75	9	9	126				
30	39	25	32	29	3	33	0	0.49	T	6	26.3	46	SE	50	6	10	126				
SUM	956	554	----	----	----	1189	0	10.59	23.30	----	975.9	----	----	10301	----	225	----				
AVG	31.9	18.5	----	----	----	----	----	----	----	----	32.5	FASTEST	DIR	POSS	%	7.5	----				
											MISC. ->	95	SE	24607	42%		----				

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	25.2	TOTAL FOR THE MONTH	10.59	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	2.3	DEPARTURE FROM NORMAL	2.16	CLEAR (SCALE 0-3)	4	TO 1/4 MILE OR LESS	
HIGHEST	47	24 HOUR MAX	3.00	PARTLY CLOUDY (SCALE 4-7)	8	3 = THUNDER	
LOWEST	4	SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	18	4 = ICE PELLETS	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	23.3	WITH .01" OR MORE PRECIP	16	5 = HAIL	
MAX. 32 OR BELOW	15	24 HOUR MAX	5.1	WITH .10" OR MORE PRECIP	12	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	11	WITH .50" OR MORE PRECIP	7	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	30			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	30.683			9 = BLOWING SNOW	
		LOWEST SEA-LEVEL	29.346			X = TORNADO	
TOTAL THIS MONTH	1189	AVG STATION	23.644				
DEPARTURE FROM NORMAL	-74						
SEASON TOTAL	11841						
DEPARTURE FROM NORMAL	-404						
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
80	77	79	78	79

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER.
THERE WERE 191 HOURS OF PREVAILING WINDS FROM THE WEST
27% OF THE TOTAL HOURS OF THE MONTH.