

WS FORM F-6											STATION							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MOUNT WASHINGTON OBSERVATORY							
											MONTH				YEAR			
											JULY				2006			
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	50	38	44	48	-4	21	0	0.42	T*	0	46.4	74	W	25	3	9	1235	
2	56	44	50	48	2	15	0	0.42	0.0	0	60.5	99	W	5	1	10	12	
3	58	39	49	48	1	16	0	0.00	0.0	0	36.5	91	W	670	71	6	12	
4	60	50	55	48	7	10	0	0.29	0.0	0	23.5	58	W	100	11	10	12	
5	53	43	48	48	0	17	0	0.00	0.0	0	34.4	66	W	80	9	9	12	
6	47	41	44	48	-4	21	0	0.01	0.0	0	24.7	52	NW	45	5	9	12	
7	53	41	47	48	-1	18	0	0.00	0.0	0	24.0	51	N	175	19	8	12	
8	62	50	56	48	8	9	0	0.00	0.0	0	6.8	23	W	767	82	4		
9	60	49	55	48	7	10	0	0.00	0.0	0	15.7	36	W	270	29	8	12	
10	60	49	55	49	6	10	0	T	0.0	0	16.9	30	W	310	33	8	1238	
11	56	48	52	49	3	13	0	0.36	0.0	0	22.3	51	W	5	1	9	1238	
12	64	48	56	49	7	9	0	1.35	0.0	0	13.3	42	SE	140	15	9	12	
13	59	48	54	49	5	11	0	1.12	0.0	0	19.3	38	NW	95	10	9	12	
14	60	51	56	49	7	9	0	0.02	0.0	0	31.6	59	NW	205	22	9	12	
15	62	54	58	49	9	7	0	T	0.0	0	12.0	28	W	301	33	9	12	
16	64	53	59	49	10	6	0	0.00	0.0	0	20.4	43	NW	622	67	7	12	
17	69	54	62	49	13	3	0	0.00	0.0	0	23.0	52	W	620	67	5	12	
18	60	47	54	49	5	11	0	0.82	T*	0	38.7	64	W	169	18	9	12358	
19	60	45	53	49	4	12	0	0.00	0.0	0	12.9	38	NW	705	77	6		
20	61	47	54	49	5	11	0	0.00	0.0	0	14.1	38	S	817	89	3	12	
21	59	49	54	49	5	11	0	0.51	0.0	0	18.4	39	NW	5	1	10	12	
22	57	47	52	49	3	13	0	1.19	0.0	0	16.3	49	SE	35	4	10	12	
23	54	41	48	49	-1	17	0	0.15	0.0	0	15.9	36	W	35	4	10	12	
24	52	42	47	49	-2	18	0	0.00	0.0	0	30.6	56	NW	160	18	9	12	
25	60	48	54	49	5	11	0	0.01	0.0	0	35.5	58	W	155	17	9	12	
26	62	53	58	49	9	7	0	0.04	0.0	0	22.1	54	W	235	26	8	12	
27	64	55	60	49	11	5	0	0.00	0.0	0	25.8	45	SW	110	12	10	128	
28	58	51	55	49	6	10	0	2.69	0.0	0	30.7	69	W	0	0	10	12	
29	58	52	55	49	6	10	0	0.00	0.0	0	45.7	68	W	0	0	10	12	
30	56	42	49	49	0	16	0	0.00	0.0	0	29.6	62	NW	769	86	4	12	
31	58	46	52	49	3	13	0	0.45	0.0	0	33.5	60	NW	235	26	8	12	
SUM	1812	1465	----	----	----	370	0	9.85	T*	----	801.1	----	----	7865	----	254	----	
AVG	58.5	47.3	----	----	----	----	----	----	----	----	25.8	FASTEST	DIR	POSS			----	
											MISC. ->	99	W	28530	28%	8.2	----	

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	52.9	TOTAL FOR THE MONTH	9.85	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	4.2	DEPARTURE FROM NORMAL	1.83			2 = FOG REDUCING VISIBILITY	
HIGHEST	69 17th	24 HOUR MAX	2.69 28th	CLEAR (SCALE 0-3)	1	TO 1/4 MILE OR LESS	
LOWEST	38 1st			PARTLY CLOUDY (SCALE 4-7)	6		
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	24	4 = ICE PELLETS	
NUMBER OF DAYS WITH:						5 = HAIL	
MAX. 32 OR BELOW	0	TOTAL FOR THE MONTH	Trace*	WITH .01" OR MORE PRECIP	16	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	24 HOUR MAX	Trace* 1st/18th	WITH .10" OR MORE PRECIP	12	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	0	MAX DEPTH ON GROUND	0	WITH .50" OR MORE PRECIP	6	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 0 OR BELOW	0		*Hail	WITH 1.0" OR MORE PRECIP	4	8 = SMOKE OR HAZE	
		PRESSURE DATA (IN.)				9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.445 19th				
		LOWEST SEA-LEVEL	29.885 22nd				
TOTAL THIS MONTH	370	AVG STATION	23.935				
DEPARTURE FROM NORMAL	-135						
SEASON TOTAL	370						
DEPARTURE FROM NORMAL	-135						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

NOTES:	*Fell as hail.
	17th: New Daily Record High of 69°F. Old Record of 67°F Set in 1998.

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR				
0600	1200	1800	0000	MONTH
87	84	91	91	87

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 377 HOURS OF PREVAILING WINDS FROM THE W 51% OF THE TOTAL HOURS OF THE MONTH.