

WS FORM F-6										STATION MOUNT WASHINGTON OBSERVATORY									
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MONTH NOVEMBER					YEAR 2006				
LATITUDE 44 DEGREES 16 MINUTES NORTH					LONGITUDE 71 DEGREES 18 MINUTES WEST					GROUND ELEVATION (H) 6280 FT					STANDARD TIME EASTERN				
TEMPERATURE (°F)										PRECIPITATION (IN.)			WIND (MPH)			SUNSHINE (MINUTES)		SKY COVER (TENTHS)	WEATHER OCCUR.
DEGREE DAYS										TOTAL (EQUIV)	SNOW & ICE	SNOW/ICE ON GROUND-6AM	AVG SPEED	FASTEST MILE	DIR	TOTAL	% POSS		
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL												
1	36	21	29	25	4	36	0	0.00	0.0	4	44.3	71	W	390	62	7	126		
2	25	11	18	25	-7	47	0	0.55	3.4	7	38.3	60	W	170	27	8	1269		
3	12	9	11	25	-14	54	0	0.71	2.3	7	49.0	74	NW	0	0	10	1269		
4	12	6	9	24	-15	56	0	0.13	0.6	9	57.3	83	W	5	1	10	1269		
5	20	6	13	24	-11	52	0	0.02	0.2	9	33.5	63	NW	110	18	8	1269		
6	27	17	22	24	-2	43	0	0.06	0.5	9	44.0	69	W	0	0	10	1269		
7	31	25	28	24	4	37	0	T	T	9	37.4	72	W	70	11	9	1269		
8	40	29	35	23	12	30	0	0.82	0.2	9	30.0	57	W	0	0	10	126		
9	42	31	37	23	14	28	0	0.47	0.0	3	35.3	92	W	215	36	8	12		
10	38	23	31	23	8	34	0	T	0.0	3	59.2	92	W	95	16	10	126		
11	43	34	39	22	17	26	0	T	0.0	3	44.5	73	SW	215	36	8	12		
12	44	39	42	22	20	23	0	0.23	0.0	1	21.5	47	SE	10	2	10	12		
13	41	32	37	22	15	28	0	1.38	0.0	0	44.0	67	SE	0	0	10	12		
14	42	33	38	21	17	27	0	0.89	0.0	0	31.9	72	SE	25	4	10	12		
15	41	34	38	21	17	27	0	0.00	0.0	0	27.8	48	S	165	28	9	12		
16	49	38	44	21	23	21	0	1.44	0.0	0	44.5	88	S	0	0	10	12		
17	49	21	35	20	15	30	0	1.67	T	0	42.6	87	S	15	3	10	1246		
18	32	19	26	20	6	39	0	0.00	0.0	0	14.2	49	W	515	88	7	126		
19	25	15	20	20	0	45	0	0.00	0.0	0	10.9	21	NW	240	41	8			
20	20	6	13	19	-6	52	0	0.01	0.2	0	33.8	48	NW	345	60	6	126		
21	32	9	21	19	2	44	0	0.00	0.0	0	26.8	62	NW	577	100	1			
22	37	28	33	18	15	32	0	0.00	0.0	0	16.5	29	NE	525	91	7			
23	37	30	34	18	16	31	0	0.00	0.0	0	28.9	46	N	105	18	9			
24	41	28	35	18	17	30	0	0.00	0.0	0	33.0	72	N	547	96	1			
25	42	35	39	17	22	26	0	0.00	0.0	0	23.7	34	W	563	99	3			
26	40	33	37	17	20	28	0	0.00	0.0	0	38.3	57	W	205	36	9	12		
27	38	31	35	16	19	30	0	0.16	0.0	0	31.1	48	W	0	0	10	126		
28	34	25	30	16	14	35	0	0.08	0.0	0	20.0	38	SW	0	0	10	126		
29	42	26	34	16	18	31	0	0.00	0.0	0	40.1	58	W	20	4	10	126		
30	45	39	42	15	27	23	0	0.08	0.0	0	54.0	87	W	85	15	10	12		
SUM	1057	733	----	----	----	1045	0	8.70	7.4	----	1056.4	----	----	5212	----	248	----		
AVG	35.2	24.4	----	----	----	----	----	----	----	----	35.2	FASTEST	DIR	POSS	%		----		
											MISC. ->	92		17696	29%	8.3	----		

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	29.8	TOTAL FOR THE MONTH	8.70	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	9.2	DEPARTURE FROM NORMAL	-1.79			2 = FOG REDUCING VISIBILITY	
HIGHEST	49 on 16, 17	24 HOUR MAX	2.92 on 16,17	CLEAR (SCALE 0-3)	3	TO 1/4 MILE OR LESS	
LOWEST	6 on 4,5,20			PARTLY CLOUDY (SCALE 4-7)	4	3 = THUNDER	
NUMBER OF DAYS WITH:		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	23	4 = ICE PELLETS	
						5 = HAIL	
MAX. 32 OR BELOW	10	TOTAL FOR THE MONTH	7.4	WITH .01" OR MORE PRECIP	16	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	24 HOUR MAX	3.4	WITH .10" OR MORE PRECIP	11	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	22	MAX DEPTH ON GROUND	9.0 on 4,5,6,7,8	WITH .50" OR MORE PRECIP	7	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 0 OR BELOW	0			WITH 1.0" OR MORE PRECIP	3	8 = SMOKE OR HAZE	
		PRESSURE DATA (IN.)				9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.547 on 22				
		LOWEST SEA-LEVEL	29.570 on 9				
TOTAL THIS MONTH	1045	AVG STATION	23.8075				
DEPARTURE FROM NORMAL	-287						
SEASON TOTAL	3840						
DEPARTURE FROM NORMAL	-356						
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					MONTH
0600	1200	1800	0000		
78	76	77	76	77	

NOTES: 12th: NEW DAILY RECORD HIGH OF 44°F, OLD RECORD OF 43°F SET IN 1935, 1982.
16th: NEW DAILY RECORD HIGH OF 49°F, OLD RECORD OF 47°F SET IN 1987.
17th: NEW DAILY RECORD HIGH OF 49°F, OLD RECORD OF 44°F SET IN 1996, 2002.
30th: NEW DAILY RECORD HIGH OF 45°F, OLD RECORD OF 44°F SET IN 1934, 2001

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER.
THERE WERE 285 HOURS OF PREVAILING WINDS FROM THE W, 40% OF THE TOTAL HOURS OF THE MONTH.