

WS FORM F-6										STATION MOUNT WASHINGTON OBSERVATORY								
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MONTH NOVEMBER			YEAR 2010					
LATITUDE 44 DEGREES 16 MINUTES NORTH					LONGITUDE 71 DEGREES 18 MINUTES WEST					GROUND ELEVATION (H) 6280 FT			STANDARD TIME EASTERN					
TEMPERATURE (°F)					DEGREE DAYS			PRECIPITATION (IN.)			WIND (MPH)			SUNSHINE (MINUTES)		SKY COVER (TENTHS)	WEATHER OCCUR.	
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			
1	16	9	13	25	-12	52	0	0.23	1.5	5	37.5	59	NW	0	0	10	1269	
2	28	10	19	25	-6	46	0	0.00	0.0	6	26.1	59	NW	604	97	0	1269	
3	28	19	24	25	-1	41	0	0.00	0.0	6	17.2	39	SW	619	100	3		
4	43	18	31	24	7	34	0	0.47	3.6	5	33.6	64	E	0	0	10	12469	
5	45	19	32	24	8	33	0	0.48	0.0	4	36.7	66	S	0	0	10	126	
6	27	17	22	24	-2	43	0	0.00	0.0	1	12.8	39	W	215	35	8	126	
7	26	21	24	24	0	41	0	T	T	1	26.8	62	N	155	25	8	126	
8	34	22	28	23	5	37	0	0.20	0.3	1	46.4	80	N	0	0	10	1246	
9	32	28	30	23	7	35	0	0.12	0.3	2	40.5	62	NE	0	0	10	1246	
10	33	24	29	23	6	36	0	0.00	0.0	3	49.2	65	NE	494	82	8	126	
11	38	25	32	22	10	33	0	0.00	0.0	3	30.7	49	E	599	100	1		
12	44	37	41	22	19	24	0	0.00	0.0	2	12.4	28	E	596	100	1		
13	43	35	39	22	17	26	0	0.00	0.0	1	7.8	20	NW	594	100	1		
14	41	28	35	21	14	30	0	0.00	0.0	1	21.0	47	SW	517	87	8	1	
15	31	26	29	21	8	36	0	T	T	1	30.2	56	W	50	8	10	126	
16	30	25	28	21	7	37	0	0.06	0.3	1	17.7	48	SE	230	39	10	1246	
17	34	17	26	20	6	39	0	0.43	1.2	1	47.7	100	W	0	0	10	12469	
18	18	11	15	20	-5	50	0	0.09	0.9	2	62.5	113	NW	5	1	10	1269	
19	12	3	8	20	-12	57	0	0.30	2.6	4	41.3	69	NW	0	0	10	1269	
20	18	1	10	19	-9	55	0	0.21	1.7	5	50.5	91	W	0	0	10	1269	
21	19	0	10	19	-9	55	0	0.00	0.0	6	28.7	61	NW	503	87	8	1269	
22	35	18	27	18	9	38	0	0.48	T	6	37.8	62	W	0	0	10	1246	
23	40	15	28	18	10	37	0	0.10	0.1	4	39.9	78	W	0	0	10	1246	
24	18	-1	9	18	-9	56	0	0.11	1.3	2	61.7	95	W	0	0	10	1269	
25	28	8	18	17	1	47	0	0.00	0.0	2	42.3	91	NW	303	53	8	9	
26	26	6	16	17	-1	49	0	0.17	1.1	2	46.6	78	W	0	0	10	12469	
27	9	-3	3	16	-13	62	0	0.16	2.2	2	41.7	77	NW	0	0	10	1269	
28	15	0	8	16	-8	57	0	0.03	0.4	3	48.1	65	W	0	0	10	1269	
29	31	12	22	16	6	43	0	0.00	0.0	3	20.0	38	NW	562	100	3	1269	
30	31	23	27	15	12	38	0	0.22	0.2	3	33.8	50	S	245	44	10	1246	
SUM	873	473	----	----	----	1267	0	3.86	17.7	----	1049.2	----	----	6291	----	237	----	
AVG	29.1	15.8	----	----	----	----	----	----	----	----	35.0	FASTEST	DIR	POSS	%		----	
											MISC. ->	113	NW	17696	36%	7.9	----	

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	22.5	TOTAL FOR THE MONTH	3.86	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	1.9	DEPARTURE FROM NORMAL	-6.63	CLEAR (SCALE 0-3)	6	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	45 on 5th	24 HOUR MAX	0.89 on 4th/5th	PARTLY CLOUDY (SCALE 4-7)	0	3 = THUNDER	
LOWEST	-3 on 27th	SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	24	4 = ICE PELLETS	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	17.7	WITH .01" OR MORE PRECIP	17	5 = HAIL	
MAX. 32 OR BELOW	19	24 HOUR MAX	3.6 on 4th	WITH .10" OR MORE PRECIP	14	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	9 on 4th	WITH .50" OR MORE PRECIP	0	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	28	PRESSURE DATA (IN.)		WITH 1.0" OR MORE PRECIP	0	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	4	HIGHEST SEA-LEVEL	30.652 on 11th			9 = BLOWING SNOW	
HEATING DEGREE DAYS (BASE 65°F)		LOWEST SEA-LEVEL	29.383 on 26th			X = TORNADO	
TOTAL THIS MONTH	1267	AVG STATION	23.687				
DEPARTURE FROM NORMAL	-65						
SEASON TOTAL	3999						
DEPARTURE FROM NORMAL	-197						
COOLING DEGREE DAYS (BASE 65F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

NOTES:	4TH, 8TH: DAILY SNOWFALL TOTAL PARTIALLY ESTIMATED DUE TO MELTING OF SOLID PRECIP BEFORE CAN COLLECTION.
	8TH: DAILY AVG WIND SPEED CONTAINS 3 HRs OF ESTIMATED SPEEDS DUE TO ICE/WATER IN TP LINE OF PITOT.
	9TH: SNOWFALL TOTAL PARTIALLY ESTIMATED DUE TO MIXING WITH FREEZING LIQUID PRECIPITATION BEFORE CAN COLLECTION.
	9TH, 10TH: DAILY AVG WIND SPEED CONTAINS 1 HR OF ESTIMATED SPEEDS DUE TO SUSPECTED ICE/WATER IN TP LINE OF PITOT.
	12TH: DAILY RECORD HIGH OF 44°F EQUALED; RECORD PREVIOUSLY SET IN 2006.
	18TH: DAILY AVG WIND SPEED CONTAINS 1 HR OF ESTIMATED SPEEDS DUE TO RAPID ACCRUAL OF ICE ON PITOT TUBE.
	23RD: DAILY AVG WIND SPEED CONTAINS 2 HRs OF ESTIMATED SPEEDS DUE TO SUSPECTED WATER IN PITOT LINES.
	26TH: PRECIPITATION AND SNOWFALL TOTALS PARTIALLY ESTIMATED DUE TO UNREALISTIC AMOUNT IN CAN.

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR				
0600	1200	1800	0000	MONTH
73	73	72	70	72

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 214 HOURS OF PREVAILING WINDS FROM THE W, 29% OF THE TOTAL HOURS OF THE MONTH.