

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY						
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH NOVEMBER			YEAR 2011			
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		TOTAL	% POSS				
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL				SPEED	DIR					
1	26	18	22	25	-3	43	0	0.00	0.0	11	14.5	30	W	575	92	4	12
2	39	24	32	25	7	33	0	0.00	0.0	11	19.7	33	W	622	100	3	
3	39	20	30	25	5	35	0	0.08	0.6	10	40.5	59	W	396	64	9	126
4	20	10	15	24	-9	50	0	0.06	0.8	10	44.7	71	N	0	0	10	126
5	28	11	20	24	-4	45	0	0.00	0.0	11	25.4	51	N	614	100	1	126
6	41	23	32	24	8	33	0	0.00	0.0	10	39.9	54	W	611	100	1	
7	41	33	37	24	13	28	0	0.00	0.0	10	47.6	80	W	366	60	6	12
8	42	28	35	23	12	30	0	0.00	0.0	4	50.1	85	W	552	91	3	126
9	42	35	39	23	16	26	0	0.00	0.0	2	31.5	56	S	196	32	9	12
10	42	26	34	23	11	31	0	1.02	0.0	T	30.2	63	SW	0	0	10	12
11	34	8	21	22	-1	44	0	0.36	2.4	T	48.7	95	W	0	0	10	1269
12	23	7	15	22	-7	50	0	0.05	0.4	2	61.7	98	W	40	7	10	1269
13	36	23	30	22	8	35	0	0.00	0.0	2	44.3	80	SW	213	36	9	126
14	39	33	36	21	15	29	0	0.08	0.0	1	46.3	74	W	80	14	10	12
15	40	26	33	21	12	32	0	0.00	0.0	T	52.0	83	W	0	0	10	126
16	35	25	30	21	9	35	0	0.53	0.0	T	37.0	59	SW	89	15	9	126
17	27	10	19	20	-1	46	0	0.19	1.9	T	46.4	74	NW	25	4	10	126
18	14	7	11	20	-9	54	0	0.12	2.0	2	50.5	74	W	0	0	10	126
19	32	14	23	20	3	42	0	0.00	0.0	2	55.6	81	W	480	83	6	126
20	34	19	27	19	8	38	0	0.19	T	1	61.4	92	W	0	0	10	1246
21	22	12	17	19	-2	48	0	0.00	0.0	1	30.8	64	W	577	100	5	126
22	25	12	19	18	1	46	0	0.01	0.5	T	25.6	44	W	491	86	4	126
23	19	12	16	18	-2	49	0	1.18	9.4	6	30.1	58	SE	0	0	10	1269
24	29	13	21	18	3	44	0	0.00	0.0	8	46.7	67	NW	539	94	3	1269
25	39	26	33	17	16	32	0	0.00	0.0	6	61.3	92	W	454	80	6	9
26	36	25	31	17	14	34	0	0.00	0.0	5	43.8	77	W	0	0	10	126
27	39	27	33	16	17	32	0	0.02	0.0	5	36.8	71	SW	170	30	9	126
28	39	35	37	16	21	28	0	0.02	0.0	3	58.0	87	W	0	0	10	12
29	44	38	41	16	25	24	0	1.05	0.0	2	42.7	89	SE	0	0	10	12
30	42	17	30	15	15	35	0	1.99	0.6	T	44.3	86	SE	90	16	9	126
SUM	1008	617	----	----	----	1131	0	6.95	18.6	----	1268.1	----	----	7180	----	226	----
AVG	33.6	20.6	----	----	----	----	----	----	----	----	42.3	----	----	17696	41%	7.5	----
											MISC. ->	98	W	17696	41%	7.5	----

<u>TEMPERATURE DATA (°F)</u>		<u>PRECIPITATION DATA (IN.)</u>		<u>WEATHER</u>		<u>SYMBOLS USED IN COLUMN 16</u>	
AVERAGE MONTHLY	27.1	TOTAL FOR THE MONTH	6.95	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	6.5	DEPARTURE FROM NORMAL	-3.54	CLEAR (SCALE 0-3)	5	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	44 on 29th	24 HOUR MAX	2.99 on 29th/30th	PARTLY CLOUDY (SCALE 4-7)	6	3 = THUNDER	
LOWEST	7 on 12th, 18th	SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	19	4 = ICE PELLETS	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	18.6	WITH .01" OR MORE PRECIP	16	5 = HAIL	
MAX. 32 OR BELOW	11	24 HOUR MAX	9.9 on 22nd/23rd	WITH .10" OR MORE PRECIP	9	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	11 on 1st, 2nd, 4th, 5th	WITH .50" OR MORE PRECIP	5	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	25	<u>PRESSURE DATA (IN.)</u>		WITH 1.0" OR MORE PRECIP	4	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	0	HIGHEST SEA-LEVEL	30.569 on 6th			9 = BLOWING SNOW	
HEATING DEGREE DAYS (BASE 65°F)		LOWEST SEA-LEVEL	29.409 on 11th			X = TORNADO	
TOTAL THIS MONTH	1131	AVG STATION	23.750				
DEPARTURE FROM NORMAL	-201						
SEASON TOTAL	3658						
DEPARTURE FROM NORMAL	-538						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						
<u>AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR</u>				NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER.			
0600	1200	1800	0000	MONTH			
73	76	78	80	77	THERE WERE 449 HOURS OF PREVAILING WINDS FROM THE W, 62% OF THE TOTAL HOURS OF THE MONTH.		