

WS FORM F-6										STATION MOUNT WASHINGTON OBSERVATORY									
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MONTH APRIL					YEAR 2013				
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	27	1	14	18	-4	51	0	0.75	4.9	33	45.6	99	NW	0	0	10	1269		
2	3	-3	0	19	-19	65	0	0.47	4.4	32	67.9	127	NW	0	0	10	1269		
3	8	-2	3	19	-16	62	0	T	0.2	30	86.7	118	NW	240	31	9	1269		
4	21	1	11	19	-8	54	0	0.00	0.0	24	61.3	106	NW	785	100	1	126		
5	21	3	12	20	-8	53	0	0.03	0.3	23	50.3	84	NW	325	41	9	1269		
6	13	-6	4	20	-16	61	0	0.09	1.3	24	55.5	93	NW	489	62	5	1269		
7	32	11	22	21	1	43	0	T	T	23	44.7	89	W	215	27	9	12469		
8	33	19	26	21	5	39	0	0	0.0	23	43.0	94	W	670	84	5	1269		
9	34	24	29	21	8	36	0	0.50	0.3	22	49.9	73	NW	55	7	10	1246		
10	29	24	27	22	5	38	0	0.33	1.8	21	36.5	54	NW	0	0	10	126		
11	25	11	18	22	-4	47	0	0.00	0.0	21	35.4	65	NW	350	43	9	126		
12	28	9	19	23	-4	46	0	0.67	3.5	22	27.2	64	SE	0	0	10	1246		
13	28	18	23	23	0	42	0	0.13	0.8	23	26.7	64	W	0	0	10	1246		
14	24	16	20	23	-3	45	0	0.62	4.3	23	33.4	56	N	0	0	10	1269		
15	35	14	25	24	1	40	0	0.00	0.0	25	12.9	35	W	789	96	4			
16	38	27	33	24	9	32	0	0.45	0.0	23	58.7	100	W	0	0	10	126		
17	34	17	26	25	1	39	0	0.00	0.0	18	45.9	81	NW	323	39	8	126		
18	41	20	31	25	6	34	0	0.03	0.0	18	37.5	95	SW	190	23	9	126		
19	47	37	42	25	17	23	0	0.50	0.0	15	48.7	95	W	205	25	10	12		
20	39	8	24	26	-2	41	0	0.29	0.1	10	57.0	91	W	90	11	10	126		
21	23	4	14	26	-12	51	0	0.03	0.5	11	31.6	79	NW	588	70	5	126		
22	24	17	21	27	-6	44	0	0.00	0.0	11	20.5	48	SE	840	100	6			
23	30	17	24	27	-3	41	0	0.01	T	10	25.5	43	SE	233	28	8	1246		
24	48	29	39	27	12	26	0	0.01	0.0	10	17.4	65	W	620	73	5	12		
25	40	19	30	28	2	35	0	0.01	0.0	10	39.0	84	W	418	49	6	126		
26	32	20	26	28	-2	39	0	0.02	0.6	9	6.2	17	SW	352	41	6	1		
27	37	22	30	29	1	35	0	0.00	0.0	9	8.1	24	W	829	97	4			
28	41	29	35	29	6	30	0	0.00	0.0	7	8.8	23	S	856	100	1			
29	42	33	38	29	9	27	0	0.00	0.0	6	13.4	26	S	687	80	8	12		
30	46	33	40	30	10	25	0	0.00	0.0	5	7.4	19	S	838	97	4			
SUM	923	472	----	----	----	1244	0	4.94	23.0	----	1102.7	----	----	10987	----	221	----		
AVG	30.8	15.7	----	----	----	----	----	----	----	----	36.8	FASTEST	DIR	POSS	%	7.4	----		
											MISC. ->	127	NW	24607	45%		----		

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	23.3	TOTAL FOR THE MONTH	4.94	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-0.6	DEPARTURE FROM NORMAL	-2.50			2 = FOG REDUCING VISIBILITY	
HIGHEST	48 on 24th	24 HOUR MAX	0.78 on 19th/20th	CLEAR (SCALE 0-3)	2	TO 1/4 MILE OR LESS	
LOWEST	-6 on 6th			PARTLY CLOUDY (SCALE 4-7)	10	3 = THUNDER	
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	18	4 = ICE PELLETS	
NUMBER OF DAYS WITH:						5 = HAIL	
		TOTAL FOR THE MONTH	23.0	WITH .01" OR MORE PRECIP	18	6 = GLAZE OR RIME	
MAX. 32 OR BELOW	16	24 HOUR MAX	5.7 on 1st/2nd	WITH .10" OR MORE PRECIP	10	7 = BLOWING DUST OR SAND	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	34 1st	WITH .50" OR MORE PRECIP	5	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	27			WITH 1.0" OR MORE PRECIP	0	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	3	PRESSURE DATA (IN.)				9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.791 on 22nd				
		LOWEST SEA-LEVEL	29.639 on 2nd				
TOTAL THIS MONTH	1244	AVG STATION	23.748				
DEPARTURE FROM NORMAL	11						
SEASON TOTAL	11645						
DEPARTURE FROM NORMAL	-551						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

NOTES:	3RD: DAILY AVERAGE WIND SPEED CONTAINS 2 HOURS OF ESTIMATED SPEEDS DUE TO ICE CLOG IN LINES OF PITOT.
	12TH: DAILY AVERAGE WIND SPEED CONTAINS 2 HOURS OF ESTIMATED SPEEDS DUE TO INCORRECTLY VANED PITOT FROM LOW WINDS.
	26TH: DAILY SNOWFALL TOTAL PARTIALLY ESTIMATED DUE TO MELTING PRIOR TO A COLLECTION.

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR					NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 235 HOURS OF PREVAILING WINDS FROM THE NW, 33% OF THE TOTAL HOURS OF THE MONTH.
0600	1200	1800	0000	MONTH	
83	80	81	79	81	