

WS FORM F-6										STATION MOUNT WASHINGTON OBSERVATORY								
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MONTH MAY			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	SPEED	DIR					
1	51	37	44	30	14	21	0	0.00	0.0	5	7.4	21	E	740	86	4		
2	50	29	40	30	10	25	0	0.00	0.0	4	14.8	45	E	496	57	8		
3	43	27	35	31	4	30	0	0.00	0.0	4	17.2	47	E	870	100	1		
4	44	33	39	31	8	26	0	0.00	0.0	4	16.5	41	E	872	100	1		
5	48	38	43	32	11	22	0	0.00	0.0	3	12.0	29	E	875	100	1		
6	51	41	46	32	14	19	0	0.00	0.0	3	8.1	22	W	878	100	3		
7	57	39	48	32	16	17	0	0.00	0.0	2	9.5	27	W	880	100	1		
8	48	41	45	33	12	20	0	0.51	0.0	2	22.0	57	SE	464	53	8	12	
9	48	38	43	33	10	22	0	0.67	0.0	1	13.6	46	SE	180	20	9	12	
10	50	38	44	34	10	21	0	T	0.0	1	15.1	42	S	30	3	10	12	
11	45	39	42	34	8	23	0	1.82	0.0	1	34.6	62	W	0	0	10	12	
12	40	18	29	34	-5	36	0	0.02	T	T	32.3	67	W	0	0	10	1246	
13	22	14	18	35	-17	47	0	0.03	0.2	T	47.0	87	W	0	0	10	126	
14	26	15	21	35	-14	44	0	T	T	T	34.0	58	NW	640	71	8	126	
15	38	19	29	35	-6	36	0	0.22	0.1	T	29.8	80	W	563	63	6	1256	
16	43	26	35	36	-1	30	0	0.00	0.0	T	48.3	87	W	220	24	9	126	
17	31	25	28	36	-8	37	0	0.22	0.6	1	34.8	61	NW	75	8	10	1246	
18	42	30	36	36	0	29	0	0.00	0.0	1	12.5	27	W	560	62	6		
19	45	34	40	37	3	25	0	0.25	0.0	T	15.2	51	S	502	55	9	12	
20	48	36	42	37	5	23	0	1.53	0.0	T	35.6	71	NW	96	11	10	12	
21	50	36	43	37	6	22	0	0.46	0.0	T	32.7	75	W	0	0	10	123	
22	53	42	48	38	10	17	0	0.33	0.0	T	33.1	61	W	10	1	10	12	
23	55	48	52	38	14	13	0	0.08	0.0	T	39.0	76	W	100	11	10	12	
24	52	28	40	38	2	25	0	0.47	0.0	T	13.3	52	W	0	0	10	126	
25	29	22	26	39	-13	39	0	1.58	1.2	T	35.5	55	NE	0	0	10	12469	
26	26	21	24	39	-15	41	0	1.01	4.3	2	47.8	123	N	0	0	10	1269	
27	32	22	27	39	-12	38	0	0.00	0.0	4	46.8	87	N	473	51	8	126	
28	44	30	37	40	-3	28	0	0.00	0.0	4	11.6	33	NW	869	94	6		
29	50	35	43	40	3	22	0	0.52	0.0	1	31.6	71	W	10	1	10	12	
30	54	46	50	40	10	15	0	0.00	0.0	T	54.3	88	NW	62	7	10	12	
31	62	50	56	41	15	9	0	0.00	0.0	T	39.7	69	W	230	25	9	12	
SUM	1377	997	----	----	----	822	0	9.72	6.4	----	845.7	----	----	10695	----	237	----	
AVG	44.4	32.2	----	----	----	----	----	----	----	----	27.3	FASTEST	DIR	POSS	%		----	
											MISC. ->	123	N	27878	38%	7.6	----	

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	38.3	TOTAL FOR THE MONTH	9.72	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	2.8	DEPARTURE FROM NORMAL	1.54			2 = FOG REDUCING VISIBILITY	
HIGHEST	62 on 31st	24 HOUR MAX	1.82 on 11th	CLEAR (SCALE 0-3)	5	TO 1/4 MILE OR LESS	
LOWEST	14 on 13th	SNOWFALL, ICE PELLETS (IN.)		PARTLY CLOUDY (SCALE 4-7)	4	3 = THUNDER	
NUMBER OF DAYS WITH:				CLOUDY (SCALE 8-10)	22	4 = ICE PELLETS	
		TOTAL FOR THE MONTH	6.4	WITH .01" OR MORE PRECIP	16	5 = HAIL	
MAX. 32 OR BELOW	6	24 HOUR MAX	4.3 on 26th	WITH .10" OR MORE PRECIP	13	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	5 on 1st, 26th	WITH .50" OR MORE PRECIP	7	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	14			WITH 1.0" OR MORE PRECIP	4	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	0	PRESSURE DATA (IN.)				9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.607 on 3rd				
		LOWEST SEA-LEVEL	29.668 on 12th				
TOTAL THIS MONTH	822	AVG STATION	23.856				
DEPARTURE FROM NORMAL	-91						
SEASON TOTAL	12467						
DEPARTURE FROM NORMAL	-642						
COOLING DEGREE DAYS (BASE 65F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

NOTES:				
7TH: NEW DAILY RECORD HIGH OF 57°F; PREVIOUS RECORD OF 55°F SET IN 1982 AND EQUALED IN 2000.				
15TH: DAILY SNOWFALL FELL ENTIRELY AS LARGE HAIL.				

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 199 HOURS OF PREVAILING WINDS FROM THE W, 27% OF THE TOTAL HOURS OF THE MONTH.
0600	1200	1800	0000	MONTH	
84	78	85	84	83	