

WS FORM F-6										STATION MOUNT WASHINGTON OBSERVATORY									
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MONTH APRIL					YEAR 2012				
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	23	12	18	18	0	47	0	0.11	4.0	5	10.9	23	W	239	31	9	126		
2	15	8	12	18	-6	53	0	0.01	0.4	7	38.8	82	N	539	69	5	1269		
3	21	8	15	19	-4	50	0	0.00	0.0	4	56.4	93	NW	773	99	3	9		
4	20	11	16	19	-3	49	0	0.11	1.3	4	50.5	82	NW	234	30	8	1269		
5	14	8	11	19	-8	54	0	0.18	1.8	4	56.9	83	NW	0	0	10	1269		
6	16	7	12	19	-7	53	0	0.05	0.5	4	43.1	67	W	393	50	6	1269		
7	15	8	12	20	-8	53	0	0.09	2.5	4	39.0	66	N	10	1	10	1269		
8	21	10	16	20	-4	49	0	0.64	6.2	5	48.5	77	W	0	0	10	1269		
9	22	18	20	20	0	45	0	1.50	10.0	7	55.4	80	W	0	0	10	12469		
10	24	18	21	21	0	44	0	0.45	3.1	12	38.7	64	W	0	0	10	1269		
11	26	17	22	21	1	43	0	0.21	2.0	12	12.3	28	W	80	10	9	126		
12	24	15	20	21	-1	45	0	0.08	1.0	14	19.8	36	N	0	0	10	1269		
13	27	16	22	22	0	43	0	0.00	0.0	14	43.0	82	NW	608	75	6	129		
14	35	20	28	22	6	37	0	0.00	0.0	11	43.0	73	NW	697	85	6	9		
15	43	32	38	22	16	27	0	0.00	0.0	10	30.2	62	W	560	68	6	12		
16	57	39	48	23	25	17	0	0.00	0.0	6	33.8	69	W	591	72	8	12		
17	52	19	36	23	13	29	0	T	T	1	49.7	79	W	293	35	9	1269		
18	37	18	28	24	4	37	0	T	T	T	18.3	49	NW	795	96	6	1269		
19	42	24	33	24	9	32	0	0.00	0.0	T	25.5	58	W	831	100	4			
20	48	34	41	24	17	24	0	0.00	0.0	T	30.0	52	W	748	90	6	12		
21	48	36	42	25	17	23	0	0.90	T	T	26.4	64	SW	175	21	9	125*		
22	42	27	35	25	10	30	0	0.69	0.5	T	17.3	49	SE	0	0	10	1246		
23	46	29	38	26	12	27	0	2.03	0.0	T	50.2	96	SE	0	0	10	126		
24	30	19	25	26	-1	40	0	0.10	0.7	T	35.2	71	S	10	1	10	1269		
25	25	18	22	27	-5	43	0	0.04	0.6	T	30.8	46	SW	10	1	10	1269		
26	33	16	25	27	-2	40	0	0.18	0.8	T	28.4	64	S	485	57	8	12469		
27	31	5	18	27	-9	47	0	0.89	4.3	1	58.9	91	NW	0	0	10	1269		
28	14	4	9	28	-19	56	0	0.02	0.5	2	60.2	90	NW	361	42	8	1269		
29	14	7	11	28	-17	54	0	0.00	0.0	2	60.9	89	NW	860	100	3	9		
30	31	10	21	29	-8	44	0	0.00	0.0	2	25.0	75	N	763	89	5	1		
SUM	896	513	----	----	----	1235	0	8.28	40.2	----	1137.1	----	----	10055	----	234	----		
AVG	29.9	17.1	----	----	----	----	----	----	----	----	37.9	----	FASTEST	DIR	POSS	%	7.8	----	
											MISC. ->	96	SE	24607	41%				

<u>TEMPERATURE DATA (°F)</u>		<u>PRECIPITATION DATA (IN.)</u>		<u>WEATHER</u>		<u>SYMBOLS USED IN COLUMN 16</u>	
AVERAGE MONTHLY	23.5	TOTAL FOR THE MONTH	8.28	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	0.6	DEPARTURE FROM NORMAL	-0.15			2 = FOG REDUCING VISIBILITY	
HIGHEST	57 on 16th	24 HOUR MAX	2.29 on 22nd/23rd	CLEAR (SCALE 0-3)	2	TO 1/4 MILE OR LESS	
LOWEST	4 on 28th			PARTLY CLOUDY (SCALE 4-7)	9	3 = THUNDER	
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	19	4 = ICE PELLETS	
NUMBER OF DAYS WITH:				WITH .01" OR MORE PRECIP	19	5 = HAIL	
MAX. 32 OR BELOW	19	TOTAL FOR THE MONTH	40.2	WITH .10" OR MORE PRECIP	13	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	24 HOUR MAX	10.7 on 8th/9th	WITH .50" OR MORE PRECIP	6	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	27	MAX DEPTH ON GROUND	14 on 12th	WITH 1.0" OR MORE PRECIP	2	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 0 OR BELOW	0					8 = SMOKE OR HAZE	
		<u>PRESSURE DATA (IN.)</u>				9 = BLOWING SNOW	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.213 on 16th			X = TORNADO	
		LOWEST SEA-LEVEL	29.268 on 24th				
TOTAL THIS MONTH	1235	AVG STATION	23.555				
DEPARTURE FROM NORMAL	-28						
SEASON TOTAL	11080						
DEPARTURE FROM NORMAL	-1165						
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		
		0600	1200	1800	0000	MONTH	RECORDED FROM PITOT-STATIC TYPE ANEMOMETER.
		85	78	82	85	83	THERE WERE 254 HOURS OF PREVAILING WINDS FROM THE NW
							35% OF THE TOTAL HOURS OF THE MONTH.

NOTES: 4TH, 6TH: DAILY PRECIPITATION & SNOWFALL TOTALS ESTIMATED DUE TO EXCESSIVE AMOUNT OF SNOW IN CAN FROM BLOWING SNOW.
16TH: NEW DAILY RECORD HIGH OF 57F, PREVIOUS RECORD OF 55F SET IN 2002.
21ST: DAILY SNOWFALL FELL ENTIRELY AS SMALL HAIL; *5" FELL AS SMALL HAIL.
22ND: DAILY SNOWFALL PARTIALLY ESTIMATED DUE TO MELTING & RE-FREEZING BEFORE CAN COLLECTION.
29TH: NEW DAILY RECORD LOW OF 7F, PREVIOUS RECORD OF 8F SET IN 1947.