

WS FORM F-6										STATION MOUNT WASHINGTON OBSERVATORY									
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MONTH JUNE					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.
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	TOTAL (EQUIV)	SNOW & ICE	SNOW/ICE ON GROUND-6AM	AVG SPEED	FASTEST MILE		TOTAL	% POSS				
												SPEED	DIR						
1	51	32	42	41	1	23	0	T	0.0	0	14.2	48	SE	727	78	6			
2	39	29	34	41	-7	31	0	2.93	0.0	0	48.0	75	SE	0	0	10	126		
3	36	31	34	42	-8	31	0	0.16	0.4	0	27.1	50	E	0	0	10	1246		
4	32	28	30	42	-12	35	0	0.19	1.6	1	37.4	62	E	0	0	10	12469		
5	34	30	32	42	-10	33	0	T	T	1	32.6	49	NE	0	0	10	126		
6	38	30	34	42	-8	31	0	0.13	0.2	1	19.2	35	N	160	17	10	1246		
7	41	34	38	43	-5	27	0	0.09	0.0	T	17.7	32	W	150	16	10	12		
8	49	35	42	43	-1	23	0	0.39	0.1	0	31.0	65	W	125	13	10	1235*		
9	45	33	39	43	-4	26	0	0.03	0.0	0	42.8	72	NW	555	59	8	12		
10	57	39	48	43	5	17	0	0.00	0.0	0	13.9	41	NW	939	100	4			
11	58	46	52	44	8	13	0	0.00	0.0	0	14.1	27	W	270	29	9	12		
12	58	47	53	44	9	12	0	0.22	0.0	0	19.5	51	SW	230	24	10	12		
13	48	38	43	44	-1	22	0	0.94	0.0	0	22.4	51	SW	15	2	10	12		
14	51	39	45	44	1	20	0	0.00	0.0	0	9.3	27	NE	942	100	1			
15	55	42	49	44	5	16	0	0.00	0.0	0	6.8	18	W	942	100	3			
16	55	42	49	45	4	16	0	0.00	0.0	0	9.6	21	NE	506	54	6	12		
17	55	44	50	45	5	15	0	0.00	0.0	0	6.9	20	NW	437	46	9	12		
18	57	44	51	45	6	14	0	0.00	0.0	0	8.8	22	SW	943	100	3			
19	61	50	56	45	11	9	0	0.00	0.0	0	22.0	54	W	570	60	9	12		
20	62	54	58	45	13	7	0	0.00	0.0	0	45.1	75	W	260	28	10	12		
21	62	54	58	46	12	7	0	0.00	0.0	0	44.9	79	NW	130	14	10	12		
22	60	47	54	46	8	11	0	0.00	0.0	0	24.8	44	W	289	31	10	12		
23	59	41	50	46	4	15	0	0.52	T	0	18.6	48	NW	90	10	10	125*		
24	52	41	47	46	1	18	0	0.01	0.0	0	31.0	73	N	655	69	5	12		
25	47	40	44	46	-2	21	0	1.61	0.0	0	15.4	41	SE	0	0	10	12		
26	43	39	41	47	-6	24	0	2.26	0.0	0	29.2	77	NW	0	0	10	123		
27	44	40	42	47	-5	23	0	1.94	0.0	0	58.2	93	NW	0	0	10	12		
28	48	42	45	47	-2	20	0	0.26	0.0	0	42.8	76	NW	0	0	10	12		
29	61	46	54	47	7	11	0	0.18	0.0	0	38.0	73	NW	565	60	8	12		
30	57	47	52	47	5	13	0	0.00	0.0	0	37.9	71	NW	845	90	5	1		
SUM	1515	1204	----	----	----	584	0	11.86	2.3	----	789.2	----	----	10345	----	246	----		
AVG	50.5	40.1	----	----	----	----	----	----	----	----	26.3	FASTEST	DIR	POSS %			----		
											MISC. ->	93	NW	28193	37%	8.2	----		
<u>TEMPERATURE DATA (°F)</u>					<u>PRECIPITATION DATA (IN.)</u>					<u>WEATHER</u>					<u>SYMBOLS USED IN COLUMN 16</u>				
AVERAGE MONTHLY					45.3					TOTAL FOR THE MONTH					11.86				
DEPARTURE FROM NORMAL					0.9					DEPARTURE FROM NORMAL					3.50				
HIGHEST					62 on 20th, 21st					24 HOUR MAX					3.00 on 2nd/3rd				
LOWEST					28 on 4th					SNOWFALL, ICE PELLETS (IN.)					NUMBER OF DAYS:				
NUMBER OF DAYS WITH:										TOTAL FOR THE MONTH					16				
MAX. 32 OR BELOW					1					24 HOUR MAX					1.6 on 4th				
MAX. 90 OR ABOVE					0					MAX DEPTH ON GROUND					1.0 on 4th, 5th				
MIN. 32 OR BELOW					6					<u>PRESSURE DATA (IN.)</u>					WITH .01" OR MORE PRECIP				
MIN. 0 OR BELOW					0					HIGHEST SEA-LEVEL					30.558 on 15th				
HEATING DEGREE DAYS (BASE 65°F)										LOWEST SEA-LEVEL					29.588 on 27th				
TOTAL THIS MONTH					584					AVG STATION					23.833				
DEPARTURE FROM NORMAL					-34					NOTES: *5" FELL AS SMALL HAIL									
SEASON TOTAL					12387					2ND: DAILY PRECIPITATION TOTAL PARTIALLY ESTIMATED DUE TO HIGH WINDS BLOWING RAIN OVER THE CAN.									
DEPARTURE FROM NORMAL					-1389					6TH: DAILY SNOWFALL PARTIALLY ESTIMATED DUE TO MELTING PRIOR TO CAN COLLECTION.									
COOLING DEGREE DAYS (BASE 65°F)										8TH, 23RD: DAILY SNOWFALL ESTIMATED DUE TO MELTING PRIOR TO CAN COLLECTION.									
TOTAL THIS MONTH					0					20TH: DAILY RECORD HIGH OF 62°F EQUALED; RECORD PREVIOUSLY SET IN 1953.									
DEPARTURE FROM NORMAL					0														
SEASON TOTAL					0														
DEPARTURE FROM NORMAL					0														
										AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR					NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER.				
										0600 1200 1800 0000 MONTH					THERE WERE 215 HOURS OF PREVAILING WINDS FROM THE NW				
										86 88 88 88 88					30% OF THE TOTAL HOURS OF THE MONTH.				