

WS FORM F-6											STATION									
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MOUNT WASHINGTON OBSERVATORY									
											MONTH				YEAR					
											JUNE				2014					
LATITUDE						LONGITUDE					GROUND ELEVATION (H)				STANDARD TIME					
44 DEGREES 16 MINUTES NORTH						71 DEGREES 18 MINUTES WEST					6280 FT				EASTERN					
TEMPERATURE (°F)						PRECIPITATION (IN.)					WIND (MPH)				SUNSHINE (MINUTES)		SKY COVER (TENTHS)	WEATHER OCCUR.		
						DEGREE DAYS			TOTAL		SNOW & ICE	SNOW/ICE ON GROUND-7AM	AVG SPEED		FASTEST MILE		TOTAL		% POSS	
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	(EQUIV)	ICE		SPEED	SPEED	DIR	TOTAL	% POSS	(TENTHS)	OCCUR.			
1	53	36	45	41	4	20	0	0.00	0.0	0	14.2	34	260 (W)	902	97	5				
2	62	42	52	41	11	13	0	0.00	0.0	0	15.9	36	270 (W)	857	92	6				
3	58	44	51	42	9	14	0	0.01	0.0	0	16.5	37	120 (SE)	848	91	4	12			
4	49	37	43	42	1	22	0	0.01	0.0	0	24.2	40	240 (SW)	40	4	10	12			
5	45	37	41	42	-1	24	0	0.08	0.0	0	18.1	46	240 (SW)	114	12	10	12			
6	42	37	40	43	-3	25	0	0.13	0.0	0	29.3	60	330 (NW)	15	2	10	12			
7	50	41	46	43	3	19	0	0.00	0.0	0	23.5	62	330 (NW)	417	45	8	12			
8	58	46	52	43	9	13	0	0.00	0.0	0	7.0	23	240 (SW)	490	52	6				
9	58	48	53	43	10	12	0	0.01	0.0	0	6.5	19	260 (W)	240	26	9				
10	52	41	47	44	3	18	0	0.05	0.0	0	15.3	34	100 (E)	140	15	10	12			
11	50	36	43	44	-1	22	0	0.12	0.0	0	19.8	39	150 (SE)	620	66	8				
12	46	33	40	44	-4	25	0	1.64	0.0	0	31.1	53	170 (S)	0	0	10	12			
13	52	41	47	45	2	18	0	0.64	0.0	0	29.0	64	130 (SE)	0	0	10	12			
14	51	36	44	45	-1	21	0	0.16	0.0	0	22.9	41	280 (W)	0	0	10	12			
15	43	37	40	45	-5	25	0	0.17	0.0	0	37.6	69	310 (NW)	150	16	9	12			
16	56	38	47	45	2	18	0	0.01	0.0	0	18.0	45	330 (NW)	943	100	6				
17	60	47	54	46	8	11	0	T	0.0	0	20.3	46	190 (S)	476	50	9	12			
18	54	43	49	46	3	16	0	1.76	0.0	0	51.8	87	280 (W)	0	0	10	123			
19	46	34	40	46	-6	25	0	0.00	0.0	0	42.3	74	360 (N)	685	73	6	12			
20	37	29	33	46	-13	32	0	0.00	0.0	0	42.3	89	350 (N)	195	21	9	126			
21	41	31	36	47	-11	29	0	0.00	0.0	0	25.8	48	290 (W)	215	23	9	126			
22	48	33	41	47	-6	24	0	0.00	0.0	0	12.2	36	310 (NW)	530	56	8	12			
23	56	40	48	47	1	17	0	0.00	0.0	0	10.9	40	240 (SW)	585	62	6	12			
24	54	45	50	47	3	15	0	0.01	0.0	0	32.5	59	250 (W)	0	0	10	12			
25	55	50	53	47	6	12	0	2.79	0.0	0	33.7	78	270 (W)	0	0	10	12			
26	53	41	47	47	0	18	0	1.74	0.0	0	18.2	40	030 (NE)	60	6	10	12			
27	54	42	48	48	0	17	0	0.00	0.0	0	15.1	36	010 (N)	669	71	8	12			
28	60	48	54	48	6	11	0	0.00	0.0	0	8.7	22	260 (W)	518	55	6				
29	62	47	55	48	7	10	0	0.00	0.0	0	11.7	31	260 (W)	511	54	8	12			
30	63	52	58	48	10	7	0	0.00	0.0	0	21.0	41	270 (W)	350	37	9	12			
SUM	1568	1212	----	----	----	553	0	9.33	0.0	----	675.4	----	----	10570	----	249	----			
AVG	52.3	40.4	----	----	----	----	----	----	----	----	22.5	FASTEST	DIR	POSS			----			
											MISC. ->	89	350 (N)	28193	37%	8.3	----			

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	46.3	TOTAL FOR THE MONTH	9.33	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	1.3	DEPARTURE FROM NORMAL	0.93			2 = FOG REDUCING VISIBILITY	
HIGHEST	63 on 30th	24 HOUR MAX	4.37 on 25th/26th	CLEAR (SCALE 0-3)	0	TO 1/4 MILE OR LESS	
LOWEST	29 on 20th			PARTLY CLOUDY (SCALE 4-7)	8	3 = THUNDER	
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	22	4 = ICE PELLETS	
NUMBER OF DAYS WITH:				WITH .01" OR MORE PRECIP	16	5 = HAIL	
MAX. 32 OR BELOW	0	TOTAL FOR THE MONTH	0.0	WITH .10" OR MORE PRECIP	9	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	24 HOUR MAX	N/A	WITH .50" OR MORE PRECIP	5	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	2	MAX DEPTH ON GROUND	N/A	WITH 1.0" OR MORE PRECIP	4	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 0 OR BELOW	0					8 = SMOKE OR HAZE	
		PRESSURE DATA (IN.)				9 = BLOWING SNOW	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.485 on 28th			X = TORNADO	
		LOWEST SEA-LEVEL	29.826 on 5th				
TOTAL THIS MONTH	553	AVG STATION	23.903				
DEPARTURE FROM NORMAL	-49						
SEASON TOTAL	13938						
DEPARTURE FROM NORMAL	227						
COOLING DEGREE DAYS (BASE 65F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR				
0600	1200	1800	0000	MONTH
85	80	83	86	84

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 220 HOURS OF PREVAILING WINDS FROM THE W 31% OF THE TOTAL HOURS OF THE MONTH.