

WS FORM F-6										STATION								
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MOUNT WASHINGTON OBSERVATORY								
										MONTH				YEAR				
										JUNE				2017				
LATITUDE					LONGITUDE					GROUND ELEVATION (H)				STANDARD TIME				
44 DEGREES 16 MINUTES NORTH					71 DEGREES 18 MINUTES WEST					6280 FT				EASTERN				
TEMPERATURE (°F)						DEGREE DAYS			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-7AM	AVG SPEED	FASTEST MILE		TOTAL	% POSS			
											SPEED	DIR						
1	42	30	36	41	-5	29	0	0.01	T	0	33.5	63	270 (W)	235	25	9	125**6	
2	32	27	30	41	-11	35	0	0.63	2.9	0*	43.0	74	300 (NW)	0	0	10	1246	
3	34	28	31	42	-11	34	0	0.55	1.2	2	41.2	70	300 (NW)	0	0	10	126	
4	47	32	40	42	-2	25	0	0.06	0.0	1	14.8	41	340 (N)	215	23	10	12	
5	37	30	34	42	-8	31	0	0.67	0.0	0	33.2	55	120 (SE)	0	0	10	126	
6	33	27	30	43	-13	35	0	0.62	1.2	0	38.7	66	080 (E)	5	1	10	1246	
7	49	32	41	43	-2	24	0	0.00	0.0	T	24.9	55	050 (NE)	906	97	4		
8	60	44	52	43	9	13	0	0.00	0.0	0	9.6	24	190 (S)	470	50	5		
9	46	39	43	43	0	22	0	0.15	0.0	0	35.1	85	290 (W)	0	0	10	123	
10	52	37	45	44	1	20	0	T	0.0	0	35.8	69	300 (NW)	260	28	9	12	
11	61	48	55	44	11	10	0	0.00	0.0	0	64.1	86	280 (W)	420	45	8	12	
12	63	52	58	44	14	7	0	0.00	0.0	0	41.8	77	300 (NW)	90	10	10	12	
13	55	39	47	45	2	18	0	T	0.0	0	48.1	73	290 (W)	20	2	10	12	
14	45	37	41	45	-4	24	0	0.00	0.0	0	31.3	64	320 (NW)	942	100	6		
15	54	35	45	45	0	20	0	0.01	0.0	0	15.0	33	210 (SW)	871	92	6	12	
16	50	35	43	45	-2	22	0	0.76	0.0	0	30.5	64	200 (S)	0	0	10	12	
17	64	48	56	46	10	9	0	0.00	0.0	0	18.0	39	250 (W)	826	88	8	12	
18	59	52	56	46	10	9	0	0.02	0.0	0	32.6	69	250 (W)	0	0	10	12	
19	58	49	54	46	8	11	0	0.63	0.0	0	38.5	71	250 (W)	0	0	10	123	
20	51	42	47	46	1	18	0	0.21	0.0	0	41.7	67	270 (W)	15	2	10	12	
21	43	40	42	47	-5	23	0	T	0.0	0	49.7	73	290 (W)	15	2	10	12	
22	48	38	43	47	-4	22	0	0.00	0.0	0	36.3	69	290 (W)	145	15	9	12	
23	57	47	52	47	5	13	0	1.28	0.0	0	36.0	63	240 (SW)	5	1	10	123	
24	56	42	49	47	2	16	0	1.46	0.0	0	44.4	70	290 (W)	50	5	10	12	
25	48	37	43	47	-4	22	0	0.45	T	0	36.0	63	290 (W)	45	5	10	1235***	
26	43	35	39	47	-8	26	0	0.07	0.0	0	33.5	65	280 (W)	50	5	10	12	
27	45	34	40	48	-8	25	0	0.12	T	0	21.9	37	250 (W)	128	14	10	1235***	
28	43	34	39	48	-9	26	0	0.44	0.1	0	37.7	62	290 (W)	0	0	10	125***	
29	50	38	44	48	-4	21	0	0.95	0.0	0	40.5	74	240 (SW)	20	2	10	12	
30	56	49	53	48	5	12	0	0.59	0.0	0	33.4	73	270 (W)	0	0	10	12	
SUM	1481	1157	----	----	----	622	0	9.68	5.4	----	1040.8	----	----	5733	----	274	----	
AVG	49.4	38.6	----	----	----	----	----	----	----	----	34.7	FASTEST	DIR	POSS %			----	
											MISC. ->	86	280 (W)	28193	20%	9.1	----	

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	44.0	TOTAL FOR THE MONTH	9.68	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-1	DEPARTURE FROM NORMAL	1.28			2 = FOG REDUCING VISIBILITY	
HIGHEST	64 on 17th	24 HOUR MAX	1.53 on 23rd/24th	CLEAR (SCALE 0-3)	0	TO 1/4 MILE OR LESS	
LOWEST	27 on 2nd, 6th			PARTLY CLOUDY (SCALE 4-7)	4	3 = THUNDER	
NUMBER OF DAYS WITH:		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	26	4 = ICE PELLETS	
						5 = HAIL	
MAX. 32 OR BELOW	1	TOTAL FOR THE MONTH	5.4	WITH .01" OR MORE PRECIP	20	6 = GLAZING OR RIME	
MAX. 90 OR ABOVE	0	24 HOUR MAX	3.4 on 2nd/3rd	WITH .10" OR MORE PRECIP	15	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	7	MAX DEPTH ON GROUND	2 on 3rd	WITH .50" OR MORE PRECIP	10	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 0 OR BELOW	0			WITH 1.0" OR MORE PRECIP	2	8 = SMOKE OR HAZE	
		PRESSURE DATA (IN.)				9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.281 on 29th				
		LOWEST SEA-LEVEL	29.631 on 24th				
TOTAL THIS MONTH	622	AVG STATION	23.812				
DEPARTURE FROM NORMAL	20						
SEASON TOTAL	12926						
DEPARTURE FROM NORMAL	-785						
COOLING DEGREE DAYS (BASE 65°F)							
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
91	89	93	93	91

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 396 HOURS OF PREVAILING WINDS FROM THE W, 55% OF THE TOTAL HOURS OF THE MONTH.