

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH JUNE				YEAR 2019			
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	DEGREE DAYS HEAT	COOL	TOTAL (EQUIV)	SNOW & ICE	SNOW/ICE ON GROUND-7AM	AVG SPEED	FASTEST MILE SPEED DIR		TOTAL	% POSS			
1	44	33	39	41	-2	26	0	T	0.0	0	25.3	43	290 (W)	12	1	9	12	
2	47	34	41	41	0	24	0	0.46	0.0	0	30.2	53	250 (W)	0	0	10	12	
3	37	25	31	42	-11	34	0	0.04	0.9	0	45.4	102	290 (W)	370	40	9	126	
4	32	25	29	42	-13	36	0	0.00	0.0	1	47.0	90	290 (W)	145	16	9	126	
5	47	30	39	42	-3	26	0	1.12	T	T	36.8	61	270 (W)	0	0	10	126	
6	47	38	43	43	0	22	0	0.71	0.0	0	22.5	45	290 (W)	481	51	6	12	
7	50	37	44	43	1	21	0	0.00	0.0	0	25.2	59	300 (NW)	936	100	4		
8	48	35	42	43	-1	23	0	0.00	0.0	0	27.0	66	330 (NW)	858	91	5		
9	60	43	52	43	9	13	0	0.00	0.0	0	11.9	27	330 (NW)	938	100	5		
10	60	46	53	44	9	12	0	0.02	0.0	0	24.0	74	160 (S)	890	95	6	12	
11	52	33	43	44	-1	22	0	1.51	0.0	0	54.2	95	300 (NW)	0	0	10	12	
12	50	31	41	44	-3	24	0	0.00	0.0	0	26.8	82	350 (N)	855	91	4	12	
13	45	28	37	45	-8	28	0	0.28	0.0	0	39.5	70	150 (SE)	16	2	10	126	
14	41	35	38	45	-7	27	0	0.22	0.0	0	39.8	82	290 (W)	50	5	10	12	
15	52	35	44	45	-1	21	0	0.07	0.0	0	42.5	75	250 (W)	440	47	8	12	
16	46	40	43	45	-2	22	0	0.15	0.0	0	29.8	64	260 (W)	0	0	10	12	
17	48	37	43	46	-3	22	0	0.00	0.0	0	30.6	50	320 (NW)	824	87	5	12	
18	49	41	45	46	-1	20	0	0.00	0.0	0	15.7	33	290 (W)	90	10	10	12	
19				46			0											
20				46			0											
21				47			0											
22				47			0											
23				47			0											
24				47			0											
25				47			0											
26				47			0											
27				48			0											
28				48			0											
29				48			0											
30				48			0											
SUM	855	626	----	----	----	423	0	4.58	0.9	----	574.2	----	----	6905	----	140	----	
AVG	47.5	34.8	----	----	----	----	----	----	----	----	31.9	FASTEST	DIR	POSS %			----	
											MISC. ->	102		28193	24%	7.8	----	

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	41.1	TOTAL FOR THE MONTH	4.58	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-3.9	DEPARTURE FROM NORMAL	-3.82	CLEAR (SCALE 0-3)	0	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	60	24 HOUR MAX		PARTLY CLOUDY (SCALE 4-7)	7	3 = THUNDER	
LOWEST	25	SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	11	4 = ICE PELLETS	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	0.9	WITH .01" OR MORE PRECIP	10	5 = HAIL	
MAX. 32 OR BELOW	1	24 HOUR MAX		WITH .10" OR MORE PRECIP	7	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND		WITH .50" OR MORE PRECIP	3	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	5			WITH 1.0" OR MORE PRECIP	2	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	0					9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL					
TOTAL THIS MONTH	423	LOWEST SEA-LEVEL					
DEPARTURE FROM NORMAL	-179	AVG STATION					
SEASON TOTAL							
DEPARTURE FROM NORMAL	-13711						
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					MONTH	#DIV/0!
0600	1200	1800	0000			

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