

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH JULY				YEAR 2018			
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-7AM	AVG SPEED	FASTEST MILE SPEED DIR		TOTAL	% POSS			
1	68	52	60	48	12	5	0	1.16	0.0	0	29.1	95	340 (N)	95	10	10	123	
2	67	60	64	48	16	1	0	0.00	0.0	0	30.5	54	270 (W)	355	38	8	128	
3	63	54	59	48	11	6	0	0.01	0.0	0	28.8	53	270 (W)	288	31	9	12	
4	70	56	63	49	14	2	0	0.00	0.0	0	8.8	29	350 (N)	908	97	4		
5	71	57	64	49	15	1	0	0.01	0.0	0	20.0	65	280 (W)	669	71	5	12	
6	60	32	46	49	-3	19	0	0.81	0.0	0	56.1	95	320 (NW)	0	0	10	12	
7	48	32	40	49	-9	25	0	0.00	0.0	0	32.0	79	340 (N)	880	94	4	12	
8	60	43	52	49	3	13	0	0.00	0.0	0	14.0	33	280 (W)	860	92	5		
9	65	51	58	49	9	7	0	0.00	0.0	0	20.4	44	290 (W)	932	100	1		
10	59	48	54	49	5	11	0	0.00	0.0	0	28.6	51	280 (W)	425	46	8	1	
11	54	40	47	49	-2	18	0	0.09	0.0	0	14.3	31	290 (W)	605	65	6	123	
12	52	40	46	49	-3	19	0	0.00	0.0	0	14.9	38	020 (N)	433	47	6		
13	54	45	50	49	1	15	0	0.00	0.0	0	6.6	17	190 (S)	245	26	8	12	
14	54	47	51	49	2	14	0	0.16	0.0	0	24.3	39	280 (W)	10	1	10	12	
15	58	50	54	49	5	11	0	0.01	0.0	0	24.0	39	320 (NW)	265	29	9	12	
16	64	49	57	49	8	8	0	0.00	0.0	0	17.6	37	320 (NW)	735	80	8	12	
17	59	46	53	49	4	12	0	0.45	0.0	0	33.3	63	300 (NW)	10	1	10	123	
18	51	38	45	49	-4	20	0	0.00	0.0	0	36.8	65	310 (NW)	750	82	4	12	
19	55	39	47	49	-2	18	0	0.00	0.0	0	14.5	36	340 (N)	918	100	1		
20	63	48	56	49	7	9	1	0.00	0.0	0	7.3	21	340 (N)	877	96	1	12	
21				49			0											
22				49			0											
23				49			0											
24				49			0											
25				49			0											
26				49			0											
27				49			0											
28				49			0											
29				49			0											
30				49			0											
31				49			0											
SUM	1195	927	---	---	---	234	1	2.70	0.0	---	461.9	---	---	10260	---	127	---	
AVG	59.8	46.4	---	---	---	---	---	---	---	---	23.1	FASTEST	DIR	POSS			---	
											MISC. ->	95		28530	36%	6.4	---	

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	53.1	TOTAL FOR THE MONTH	2.70	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	4	DEPARTURE FROM NORMAL	-6.07	CLEAR (SCALE 0-3)	3	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	71	24 HOUR MAX		PARTLY CLOUDY (SCALE 4-7)	7	3 = THUNDER	
LOWEST	32	SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	10	4 = ICE PELLETS	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	0.0	WITH .01" OR MORE PRECIP	8	5 = HAIL	
MAX. 32 OR BELOW	0	24 HOUR MAX		WITH .10" OR MORE PRECIP	4	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND		WITH .50" OR MORE PRECIP	2	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	2	PRESSURE DATA (IN.)		WITH 1.0" OR MORE PRECIP	1	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	0					9 = BLOWING SNOW	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL				X = TORNADO	
TOTAL THIS MONTH	234	LOWEST SEA-LEVEL					
DEPARTURE FROM NORMAL	-261	AVG STATION					

NOTES:	
1ST:	NEW DAILY RECORD HIGH OF 68°F; PREVIOUS RECORD OF 67°F ORIGINALLY SET IN 2014
4TH:	NEW DAILY RECORD HIGH OF 70°F; PREVIOUS RECORD OF 68°F ORIGINALLY SET IN 1983 AND EQUALED IN 2003
5TH:	NEW DAILY RECORD HIGH OF 71°F; PREVIOUS RECORD OF 68°F ORIGINALLY SET IN 1939
5TH:	MONTHLY RECORD HIGH OF 71°F EQUALED; RECORDED ORIGINALLY SET ON JULY 23, 1952 AND EQUALED ON JULY 18, 1953
TOTAL THIS MONTH	0
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. THERE WERE HOURS OF PREVAILING WINDS FROM THE % OF THE TOTAL HOURS OF THE MONTH.
0600	1200	1800	0000	MONTH	
				#DIV/0!	