

WS FORM F-6										STATION MOUNT WASHINGTON OBSERVATORY									
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MONTH AUGUST					YEAR 2019				
LATITUDE 44 DEGREES 16 MINUTES NORTH					LONGITUDE 71 DEGREES 18 MINUTES WEST					GROUND ELEVATION 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	52	44	48	49	-1	17	0	0.00	0.0	0	24.3	39	300 (NW)	697	78	5	12		
2	56	43	50	49	1	15	0	0.00	0.0	0	16.0	30	010 (N)	868	98	3			
3	56	46	51	49	2	14	0	0.00	0.0	0	32.3	51	290 (W)	866	98	5	12		
4	48	39	44	49	-5	21	0	0.00	0.0	0	35.7	54	320 (NW)	554	63	6	12		
5	53	39	46	49	-3	19	0	0.00	0.0	0	22.0	50	320 (NW)	881	100	3	1		
6	58	46	52	49	3	13	0	0.00	0.0	0	16.1	41	250 (W)	776	88	5	12		
7	60	50	55	49	6	10	0	0.80	0.0	0	19.3	45	190 (S)	208	24	9	123		
8	54	47	51	49	2	14	0	0.23	0.0	0	27.6	58	290 (W)	0	0	10	12		
9	51	40	46	49	-3	19	0	0.16	0.0	0	37.0	67	300 (NW)	220	25	9	123		
10	43	35	39	49	-10	26	0	0.56	0.2	0	46.0	74	310 (NW)	0	0	10	12345*		
11	46	37	42	49	-7	23	0	0.12	0.0	0	50.1	75	290 (W)	30	3	10	12		
12	51	44	48	49	-1	17	0	0.00	0.0	0	35.6	61	280 (W)	70	8	10	12		
13	53	46	50	49	1	15	0	0.02	0.0	0	25.2	63	280 (W)	110	13	10	12		
14	55	43	49	49	0	16	0	0.00	0.0	0	14.8	26	310 (NW)	455	53	8	12		
15	53	43	48	48	0	17	0	0.00	0.0	0	15.1	30	230 (SW)	470	55	8	12		
16	53	46	50	48	2	15	0	0.32	0.0	0	24.2	53	260 (W)	70	8	10	12		
17	55	49	52	48	4	13	0	0.25	0.0	0	24.0	47	180 (S)	10	1	10	123		
18	57	49	53	48	5	12	0	T	0.0	0	20.7	43	290 (W)	325	38	9	12		
19	58	50	54	48	6	11	0	0.01	0.0	0	36.4	66	290 (W)	105	12	10	12		
20	60	44	52	48	4	13	0	0.00	0.0	0	22.9	62	310 (NW)	842	100	1	12		
21	57	49	53	48	5	12	0	1.01	0.0	0	27.8	54	240 (SW)	30	4	10	12		
22	55	42	49	48	1	16	0	0.03	0.0	0	40.1	59	290 (W)	30	4	10	12		
23	44	35	40	48	-8	25	0	0.00	0.0	0	43.7	65	320 (NW)	45	5	10	12		
24	47	36	42	48	-6	23	0	0.00	0.0	0	14.5	41	340 (N)	495	60	5	12		
25	47	36	42	47	-5	23	0	0.00	0.0	0	13.0	31	100 (E)	821	99	1	12		
26	52	43	48	47	1	17	0	0.00	0.0	0	13.1	29	090 (E)	800	97	3			
27	57	45	51	47	4	14	0	0.00	0.0	0	9.9	26	270 (W)	730	89	5			
28	56	49	53	47	6	12	0	0.75	0.0	0	22.2	44	210 (SW)	280	34	8	12		
29	54	43	49	47	2	16	0	0.15	0.0	0	20.8	44	290 (W)	455	56	8	12		
30	52	40	46	47	-1	19	0	0.00	0.0	0	41.8	65	300 (NW)	336	41	6	12		
31	41	33	37	46	-9	28	0	0.00	0.0	0	42.3	63	300 (NW)	0	0	10	12		
SUM	1634	1331	----	----	----	525	0	4.41	0.2	----	834.5	----	----	11579	----	227	----		
AVG	52.7	42.9	----	----	----	----	----	----	----	----	26.9	FASTEST 75	DIR 290 (W)	POSS 26399	44%	7.3	----		

  

TEMPERATURE DATA (°F)	PRECIPITATION DATA (IN.)	WEATHER	SYMBOLS USED IN COLUMN 16
AVERAGE MONTHLY DEPARTURE FROM NORMAL	47.8	TOTAL FOR THE MONTH	4.41
HIGHEST	60 on 7th, 20th	24 HOUR MAX	1.01 on 7th/8th, 21st
LOWEST	33 on 31st	SNOWFALL, ICE PELLETS (IN.)	0
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	0.2
MAX. 32 OR BELOW	0	24 HOUR MAX	0.2 on 10th
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	0 on N/A
MIN. 32 OR BELOW	0	PRESSURE DATA (IN.)	
MIN. 0 OR BELOW	0	HIGHEST SEA-LEVEL	30.581 on 25th
HEATING DEGREE DAYS (BASE 65°F)		LOWEST SEA-LEVEL	29.778 on 9th
TOTAL THIS MONTH	525	AVG STATION	23.906
DEPARTURE FROM NORMAL	3		
SEASON TOTAL	905		
DEPARTURE FROM NORMAL	-112		
COOLING DEGREE DAYS (BASE 65F)			
TOTAL THIS MONTH	0		
DEPARTURE FROM NORMAL	0		
SEASON TOTAL	0		
DEPARTURE FROM NORMAL	0		

  

NOTES:				
10TH: SNOWFALL PARTIALLY FELL AS HAIL/SMALL HAIL; ESTIMATED DUE TO MELTING PRIOR TO TWO COLLECTIONS				

  

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR				
0600	1200	1800	0000	MONTH
90	85	88	89	88

  

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 315 HOURS OF PREVAILING WINDS FROM THE W, 42% OF THE TOTAL HOURS OF THE MONTH.