

WS FORM F-6										STATION MOUNT WASHINGTON OBSERVATORY									
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MONTH JUNE					YEAR 2021				
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 SPEED	DIR	TOTAL	% POSS				
1	43	33	38	42	-4	27	0	T	0.0	0	45.6	75	310 (NW)	447	48	9	12		
2	53	38	46	42	4	19	0	0.01	0.0	0	22.2	48	290 (W)	742	80	8			
3	51	43	47	42	5	18	0	0.12	0.0	0	34.3	60	260 (W)	35	4	10	12		
4	50	44	47	43	4	18	0	0.68	0.0	0	35.7	58	270 (W)	110	12	10	12		
5	57	45	51	43	8	14	0	0.33	0.0	0	47.8	72	280 (W)	180	19	10	12		
6	61	49	55	43	12	10	0	0.12	0.0	0	40.8	73	290 (W)	575	61	9	12		
7	63	54	59	43	16	6	0	0.00	0.0	0	36.3	64	280 (W)	900	96	6	12		
8	59	54	57	44	13	8	0	0.01	0.0	0	35.7	70	290 (W)	0	0	10	12		
9	56	43	50	44	6	15	0	0.02	0.0	0	30.4	64	290 (W)	420	45	9	12		
10	52	39	46	44	2	19	0	0.00	0.0	0	19.7	62	320 (NW)	770	82	9			
11	43	38	41	45	-4	24	0	T	0.0	0	19.5	38	280 (W)	50	5	10	12		
12	52	37	45	45	0	20	0	0.00	0.0	0	21.1	49	300 (NW)	770	82	8			
13	56	41	49	45	4	16	0	0.00	0.0	0	18.1	39	310 (NW)	886	94	8			
14	49	43	46	45	1	19	0	0.07	0.0	0	28.8	55	220 (SW)	46	5	10	12		
15	47	38	43	46	-3	22	0	1.14	T	0	22.3	50	340 (N)	85	9	10	1235		
16	38	31	35	46	-11	30	0	0.00	0.0	0	42.8	67	290 (W)	325	34	9	126		
17	44	31	38	46	-8	27	0	0.00	0.0	0	40.8	77	270 (W)	813	86	5	126		
18	57	40	49	46	3	16	0	0.01	0.0	0	20.8	58	230 (SW)	725	77	9	12		
19	53	44	49	47	2	16	0	0.38	0.0	0	41.8	76	260 (W)	250	27	10	12		
20	55	42	49	47	2	16	0	T	0.0	0	30.7	58	290 (W)	390	41	9	12		
21	59	48	54	47	7	11	0	0.77	0.0	0	33.5	62	260 (W)	67	7	10	123		
22	54	33	44	47	-3	21	0	0.25	0.0	0	30.5	67	250 (W)	25	3	10	123		
23	39	30	35	47	-12	30	0	0.01	0.0	0	38.2	64	300 (NW)	499	53	9	126		
24	48	36	42	48	-6	23	0	0.00	0.0	0	22.4	39	260 (W)	914	97	5	12		
25	56	41	49	48	1	16	0	0.00	0.0	0	23.5	47	220 (SW)	89	9	10	12		
26	55	47	51	48	3	14	0	0.08	0.0	0	39.5	66	250 (W)	75	8	10	12		
27	60	53	57	48	9	8	0	0.00	0.0	0	45.0	85	270 (W)	175	19	10	12		
28	62	57	60	48	12	5	0	0.06	0.0	0	51.0	82	280 (W)	0	0	10	12		
29	61	56	59	49	10	6	0	0.05	0.0	0	45.0	73	290 (W)	145	15	10	12		
30	59	50	55	49	6	10	0	0.71	0.0	0	53.8	78	280 (W)	0	0	10	123		
SUM	1592	1278	----	----	----	504	0	4.82	T	----	1017.6	----	----	10508	----	272	----		
AVG	53.1	42.6	----	----	----	----	----	----	----	----	33.9	FASTEST	DIR	POSS %					
											MISC. ->	85	270 (W)	28193	37%	9.1	----		

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	47.8	TOTAL FOR THE MONTH	4.82	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	2.3	DEPARTURE FROM NORMAL	-3.77			2 = FOG REDUCING VISIBILITY	
HIGHEST	63 on 7th	24 HOUR MAX	1.14 on 15th	CLEAR (SCALE 0-3)	0	TO 1/4 MILE OR LESS	
LOWEST	30 on 23rd			PARTLY CLOUDY (SCALE 4-7)	3	3 = THUNDER	
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	27	4 = ICE PELLETS	
NUMBER OF DAYS WITH:						5 = HAIL	
		TOTAL FOR THE MONTH	T	WITH .01" OR MORE PRECIP	18	6 = GLAZE OR RIME	
MAX. 32 OR BELOW	0	24 HOUR MAX	T on 15th	WITH .10" OR MORE PRECIP	9	7 = BLOWING DUST OR SAND	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	0.0	WITH .50" OR MORE PRECIP	4	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	3			WITH 1.0" OR MORE PRECIP	1	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	0					9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.614 on 24th				
		LOWEST SEA-LEVEL	29.712 on 22nd				
TOTAL THIS MONTH	504	AVG STATION	23.900				
DEPARTURE FROM NORMAL	-81						
SEASON TOTAL	12720						
DEPARTURE FROM NORMAL	-949						

NOTES:

1ST: PRECIPITATION ESTIMATED AT ONE COLLECTION DUE TO EVAPORATING PRIOR TO COLLECTION

15TH: SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO MELTING SHORTLY AFTER HITTING SURFACES; FELL ENTIRELY AS HAIL AND SMALL HAIL

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 431 HOURS OF PREVAILING WINDS FROM THE W, 60% OF THE TOTAL HOURS OF THE MONTH.
0600	1200	1800	0000	MONTH	
90	83	84	88	86	