

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH JUNE				YEAR 2022			
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	48	40	44	42	2	21	0	0.11	0.0	0	21.8	36	290 (W)	63	7	10	12	
2	48	43	46	42	4	19	0	0.68	0.0	0	18.6	39	300 (NW)	225	24	10	12	
3	45	41	43	42	1	22	0	0.43	0.0	0	17.4	33	240 (SW)	50	5	10	12	
4	49	32	41	43	-2	24	0	0.02	0.0	0	23.8	61	290 (W)	455	49	9	12	
5	39	29	34	43	-9	31	0	T	T	0	41.4	69	290 (W)	226	24	10	1246	
6	49	35	42	43	-1	23	0	0.00	0.0	0	24.6	52	310 (NW)	879	94	8	12	
7	53	41	47	43	4	18	0	0.09	0.0	0	28.0	69	190 (S)	709	76	9	12	
8	46	40	43	44	-1	22	0	1.05	0.0	0	35.7	71	180 (S)	12	1	10	12	
9	44	35	40	44	-4	25	0	1.21	0.0	0	36.8	83	290 (W)	2	0	10	12	
10	40	33	37	44	-7	28	0	0.19	0.0	0	51.3	77	290 (W)	0	0	10	12	
11	48	38	43	45	-2	22	0	T	0.0	0	24.3	52	280 (W)	360	38	9	12	
12	53	42	48	45	3	17	0	0.02	0.0	0	18.7	46	230 (SW)	890	95	6	12	
13	52	39	46	45	1	19	0	0.00	0.0	0	29.0	56	300 (NW)	344	37	9	12	
14	45	36	41	45	-4	24	0	T	0.0	0	35.9	69	340 (N)	0	0	10	12	
15	51	41	46	46	0	19	0	0.00	0.0	0	10.4	31	360 (N)	466	49	8	12	
16	56	42	49	46	3	16	0	0.14	0.0	0	30.6	66	260 (W)	71	8	10	123	
17	54	42	48	46	2	17	0	0.34	0.0	0	50.2	85	270 (W)	225	24	9	123	
18	42	28	35	46	-11	30	0	0.96	1.3	0	58.6	86	300 (NW)	0	0	10	1246	
19	33	26	30	47	-17	35	0	0.05	0.4	1	50.1	96	330 (NW)	10	1	10	126	
20	42	30	36	47	-11	29	0	0.00	0.0	1	33.4	71	330 (NW)	925	98	6		
21	53	38	46	47	-1	19	0	0.00	0.0	T	14.7	36	190 (S)	450	48	9	12	
22	44	38	41	47	-6	24	0	0.00	0.0	0	20.8	41	200 (S)	150	16	10	12	
23	46	37	42	47	-5	23	0	0.18	0.0	0	25.0	56	190 (S)	35	4	10	12	
24	52	43	48	48	0	17	0	0.01	0.0	0	17.1	44	300 (NW)	170	18	9	12	
25	60	49	55	48	7	10	0	0.00	0.0	0	15.5	39	360 (N)	775	82	6	12	
26	65	52	59	48	11	6	0	0.00	0.0	0	17.4	47	200 (S)	917	97	6	12	
27	55	41	48	48	0	17	0	0.50	0.0	0	39.5	73	280 (W)	0	0	10	12	
28	44	38	41	48	-7	24	0	0.01	0.0	0	34.5	63	310 (NW)	279	30	9	12	
29	54	40	47	49	-2	18	0	0.51	0.2	0	26.2	73	290 (W)	707	75	9	125	
30	48	35	42	49	-7	23	0	0.00	0.0	0	35.8	68	290 (W)	610	65	9	12	
SUM	1458	1144	----	----	----	642	0	6.50	1.9	----	887.1	----	----	10005	----	270	----	
AVG	48.6	38.1	----	----	----	----	----	----	----	----	29.6	FASTEST	DIR	POSS %	35%	9.0	----	
											MISC. ->	96	330 (NW)	28193			----	

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	43.4	TOTAL FOR THE MONTH	6.50	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-2.1	DEPARTURE FROM NORMAL	-2.09	CLEAR (SCALE 0-3)	0	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	65 on 26th	24 HOUR MAX	1.26 on 9th/10th	PARTLY CLOUDY (SCALE 4-7)	4	3 = THUNDER	
LOWEST	26 on 19th	SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	26	4 = ICE PELLETS	
NUMBER OF DAYS WITH:						5 = HAIL	
MAX. 32 OR BELOW	0	TOTAL FOR THE MONTH	1.9	WITH .01" OR MORE PRECIP	18	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	24 HOUR MAX	1.3 on 18th	WITH .10" OR MORE PRECIP	12	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	5	MAX DEPTH ON GROUND	1 on 19th, 20th	WITH .50" OR MORE PRECIP	6	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	0	PRESSURE DATA (IN.)		WITH 1.0" OR MORE PRECIP	2	9 = BLOWING SNOW	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.445 on 29th			X = TORNADO	
TOTAL THIS MONTH	642	LOWEST SEA-LEVEL	29.559 on 18th				
DEPARTURE FROM NORMAL	57	AVG STATION	23.837				
SEASON TOTAL	13012						
DEPARTURE FROM NORMAL	-458						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						
NOTES:							
18TH: PRECIPITATION ESTIMATED AT ONE COLLECTION DUE TO ICE CHUNKS FALLING IN CAN WHILE MELTING AND IMPROPER CAN PLACEMENT OUTSIDE OF NIPHER SCREEN. PRECIPITATION ESTIMATED AT ANOTHER COLLECTION DUE TO UNREALISTICALLY HIGH AMOUNT DUE TO ICE FALLING IN AND MELTING PRIOR TO COLLECTION							
29TH: SNOWFALL FELL ENTIRELY AS HAIL WHICH WAS ESTIMATED AT ONE COLLECTION USING MEASUREMENTS ON DECK PRIOR TO MELTING PRIOR TO COLLECTION.							
AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR							
0600	1200	1800	0000	MONTH	NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER.		
92	87	91	92	90	THERE WERE 255 HOURS OF PREVAILING WINDS FROM THE W, 35% OF THE TOTAL HOURS OF THE MONTH.		
(91.9)	(87.0)	(90.6)	(92.3)	(90.45)			