

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH MAY				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 SPEED	DIR	TOTAL	% POSS			
1	37	22	30	31	-1	35	0	0.00	0.0	7	16.6	41	360 (N)	865	100	4		
2	38	30	34	31	3	31	0	0.05	0.1	6	15.6	30	180 (S)	461	53	8	1246	
3	41	32	37	31	6	28	0	0.02	0.0	4	13.1	46	180 (S)	140	16	9	12	
4	41	29	35	32	3	30	0	0.23	0.0	3	25.2	56	190 (S)	0	0	10	126	
5	32	24	28	32	-4	37	0	T	0.0	2	48.1	80	320 (NW)	835	95	5	126	
6	33	25	29	33	-4	36	0	0.00	0.0	2	29.2	56	300 (NW)	703	80	10		
7	29	23	26	33	-7	39	0	0.00	0.0	2	18.8	45	080 (E)	873	99	10		
8	35	22	29	34	-5	36	0	0.00	0.0	1	22.3	44	080 (E)	882	100	9		
9	40	28	34	34	0	31	0	0.00	0.0	1	27.3	55	080 (E)	865	98	3		
10	44	33	39	34	5	26	0	0.00	0.0	1	27.9	46	090 (E)	877	99	3		
11	52	43	48	35	13	17	0	0.00	0.0	1	15.3	33	070 (E)	890	100	4		
12	58	47	53	35	18	12	0	0.00	0.0	1	16.0	33	110 (E)	892	100	8		
13	60	49	55	36	19	10	0	0.00	0.0	T	21.3	44	270 (W)	864	97	8	12	
14	62	49	56	36	20	9	0	0.23	0.0	T	17.6	44	280 (W)	517	58	8	123	
15	53	46	50	36	14	15	0	0.58	0.0	T	17.9	37	260 (W)	50	6	10	12	
16	55	42	49	37	12	16	0	1.20	0.0	T	22.0	72	160 (S)	345	38	9	123	
17	43	25	34	37	-3	31	0	0.99	1.1	T	61.5	107	280 (W)	0	0	10	1246	
18	33	20	27	37	-10	38	0	0.09	0.6	1	51.3	112	300 (NW)	584	65	6	1269	
19	35	27	31	38	-7	34	0	0.25	0.5	1	28.2	56	280 (W)	115	13	10	1246	
20	50	32	41	38	3	24	0	0.05	0.0	T	35.2	57	210 (SW)	655	72	9	126	
21	62	45	54	38	16	11	0	0.10	0.0	0	34.9	69	250 (W)	285	31	10	123	
22	63	38	51	39	12	14	0	0.38	0.0	0	35.9	71	280 (W)	550	60	10	12	
23	38	28	33	39	-6	32	0	0.05	0.0	0	31.5	67	310 (NW)	715	78	10	126	
24	45	28	37	39	-2	28	0	0.00	0.0	0	10.6	25	270 (W)	580	63	8		
25	50	33	42	40	2	23	0	0.00	0.0	0	15.6	30	290 (W)	784	85	9	12	
26	50	40	45	40	5	20	0	0.00	0.0	0	28.0	61	270 (W)	318	35	9	12	
27	53	44	49	40	9	16	0	0.38	0.0	0	39.5	78	240 (SW)	10	1	10	123	
28	52	37	45	41	4	20	0	0.25	0.0	0	39.7	83	230 (SW)	0	0	10	12	
29	51	37	44	41	3	21	0	0.00	0.0	0	21.3	49	350 (N)	925	100	6		
30	54	40	47	41	6	18	0	0.00	0.0	0	42.8	69	290 (W)	800	86	8	12	
31	52	43	48	41	7	17	0	0.02	0.0	0	41.5	87	300 (NW)	5	1	10	12	
SUM	1441	1061	----	----	----	755	0	4.87	2.3	----	871.7	----	----	16385	----	253	----	
AVG	46.5	34.2	----	----	----	----	----	----	----	----	28.1	FASTEST	DIR	POSS	59%	8.2	----	
											MISC. ->	112	300 (NW)	27878			----	

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	40.4	TOTAL FOR THE MONTH	4.87	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	4.1	DEPARTURE FROM NORMAL	-2.81			2 = FOG REDUCING VISIBILITY	
HIGHEST	63 on 22nd	24 HOUR MAX	1.63 on 16th/17th	CLEAR (SCALE 0-3)	2	TO 1/4 MILE OR LESS	
LOWEST	20 on 18th			PARTLY CLOUDY (SCALE 4-7)	5	3 = THUNDER	
NUMBER OF DAYS WITH:		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	24	4 = ICE PELLETS	
						5 = HAIL	
MAX. 32 OR BELOW	2	TOTAL FOR THE MONTH	2.3	WITH .01" OR MORE PRECIP	16	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	24 HOUR MAX	1.7 on 17th/18th	WITH .10" OR MORE PRECIP	10	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	15	MAX DEPTH ON GROUND	7 on 1st	WITH .50" OR MORE PRECIP	3	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 0 OR BELOW	0			WITH 1.0" OR MORE PRECIP	1	8 = SMOKE OR HAZE	
						9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.692 on 10th				
		LOWEST SEA-LEVEL	29.531 on 17th				
TOTAL THIS MONTH	755	AVG STATION	23.884				
DEPARTURE FROM NORMAL	-133						
SEASON TOTAL	12370						
DEPARTURE FROM NORMAL	-515						
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					NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 245 HOURS OF PREVAILING WINDS FROM THE W, 33% OF THE TOTAL HOURS OF THE MONTH.
0600	1200	1800	0000	MONTH	
77	71	78	75	75	