

WS FORM F-6										STATION								
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MOUNT WASHINGTON OBSERVATORY								
										MONTH				YEAR				
										JULY				2022				
LATITUDE					LONGITUDE					GROUND ELEVATION (H)				STANDARD TIME				
44 DEGREES 16 MINUTES NORTH					71 DEGREES 18 MINUTES WEST					6280 FT				EASTERN				
TEMPERATURE (°F)						DEGREE DAYS			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	TOTAL	% POSS			
1	61	48	55	49	6	10	0	0.01	0.0	0	38.9	68	250 (W)	640	68	9	13	
2	55	45	50	49	1	15	0	0.46	0.0	0	44.5	75	290 (W)	375	40	9	123	
3	50	39	45	49	-4	20	0	0.00	0.0	0	40.9	69	290 (W)	803	86	8	12	
4	48	38	43	49	-6	22	0	0.00	0.0	0	43.1	60	300 (NW)	575	61	9	12	
5	51	42	47	50	-3	18	0	0.76	0.0	0	25.4	55	240 (SW)	325	35	10	12	
6	51	39	45	50	-5	20	0	0.79	0.0	0	35.6	73	300 (NW)	20	2	10	12	
7	53	38	46	50	-4	19	0	0.00	0.0	0	16.4	52	260 (W)	833	89	6	12	
8	53	42	48	50	-2	17	0	0.01	0.0	0	32.9	58	300 (NW)	185	20	10	12	
9	48	37	43	50	-7	22	0	0.00	0.0	0	28.8	50	330 (NW)	920	99	4	12	
10	56	38	47	50	-3	18	0	0.00	0.0	0	19.6	37	010 (N)	908	98	6		
11	58	44	51	50	1	14	0	0.00	0.0	0	24.8	51	260 (W)	765	82	8		
12	57	49	53	50	3	12	0	0.36	0.0	0	44.4	79	240 (SW)	205	22	9	123	
13	53	46	50	50	0	15	0	0.08	0.0	0	25.9	62	290 (W)	160	17	9	12	
14	51	41	46	50	-4	19	0	0.05	0.0	0	22.4	53	300 (NW)	30	3	10	12	
15	53	38	46	50	-4	19	0	0.00	0.0	0	25.6	49	320 (NW)	870	94	5	12	
16	56	44	50	50	0	15	0	0.00	0.0	0	26.2	42	280 (W)	745	81	9	12	
17	63	47	55	50	5	10	0	0.00	0.0	0	16.9	42	280 (W)	801	87	6	12	
18	59	52	56	50	6	9	0	1.75	0.0	0	26.5	71	240 (SW)	269	29	10	12	
19	56	50	53	50	3	12	0	1.03	0.0	0	58.0	91	300 (NW)	5	1	10	12	
20	60	52	56	50	6	9	0	0.00	0.0	0	38.7	83	290 (W)	220	24	10	12	
21	60	53	57	50	7	8	0	0.16	0.0	0	35.6	71	280 (W)	280	31	10	123	
22	58	51	55	50	5	10	0	0.10	0.0	0	39.6	79	290 (W)	390	43	9	12	
23	63	50	57	50	7	8	0	0.00	0.0	0	32.0	60	270 (W)	564	62	9	12	
24	63	54	59	50	9	6	0	T	0.0	0	37.8	85	250 (W)	433	48	10		
25	57	44	51	50	1	14	0	1.66	0.0	0	53.1	86	260 (W)	5	1	10	123	
26	50	40	45	50	-5	20	0	0.02	0.0	0	29.9	66	300 (NW)	160	18	10	12	
27	59	43	51	50	1	14	0	0.00	0.0	0	11.7	27	300 (NW)	600	67	9	12	
28	57	47	52	50	2	13	0	0.02	0.0	0	24.3	62	280 (W)	20	2	10	12	
29	52	45	49	50	-1	16	0	0.00	0.0	0	42.8	66	280 (W)	240	27	9	12	
30	46	42	44	50	-6	21	0	0.00	0.0	0	49.4	77	300 (NW)	0	0	10	12	
31	60	43	52	50	2	13	0	0.00	0.0	0	20.6	58	300 (NW)	625	70	6	12	
SUM	1717	1381	----	----	----	458	0	7.26	0.0	----	1012.3	----	----	12971	----	269	----	
AVG	55.4	44.5	----	----	----	----	----	----	----	----	32.7	FASTEST	DIR	POSS	45%	8.7	----	
											MISC. ->	91	300 (NW)	28530			----	

  

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	50.0	TOTAL FOR THE MONTH	7.26	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	0.1	DEPARTURE FROM NORMAL	-1.67			2 = FOG REDUCING VISIBILITY	
HIGHEST	63 on 17th, 23rd, 24th	24 HOUR MAX	2.54 on 18th/19th	CLEAR (SCALE 0-3)	0	TO 1/4 MILE OR LESS	
LOWEST	37 on 9th			PARTLY CLOUDY (SCALE 4-7)	6	3 = THUNDER	
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	25	4 = ICE PELLETS	
NUMBER OF DAYS WITH:						5 = HAIL	
		TOTAL FOR THE MONTH	0.0	WITH .01" OR MORE PRECIP	15	6 = GLAZE OR RIME	
MAX. 32 OR BELOW	0	24 HOUR MAX	0.00 on N/A	WITH .10" OR MORE PRECIP	9	7 = BLOWING DUST OR SAND	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	0 on N/A	WITH .50" OR MORE PRECIP	5	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	0			WITH 1.0" OR MORE PRECIP	3	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	0	PRESSURE DATA (IN.)				9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.393 on 15th				
		LOWEST SEA-LEVEL	29.680 on 19th				
TOTAL THIS MONTH	458	AVG STATION					
DEPARTURE FROM NORMAL	-10						
SEASON TOTAL	458						
DEPARTURE FROM NORMAL	-10						
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				
0600	1200	1800	0000	MONTH
88	84	88	93	88

  

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 404 HOURS OF PREVAILING WINDS FROM THE W, 54% OF THE TOTAL HOURS OF THE MONTH.