

WS FORM F-6											STATION						
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MOUNT WASHINGTON OBSERVATORY						
											MONTH			YEAR			
											OCTOBER			2022			
LATITUDE					LONGITUDE						GROUND ELEVATION (H)			STANDARD TIME			
44 DEGREES 16 MINUTES NORTH					71 DEGREES 18 MINUTES WEST						6280 FT			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		TOTAL	% POSS		
												SPEED	DIR				
1	49	38	44	37	7	21	0	0.00	0.0	0	7.9	14	250 (W)	420	59	9	
2	39	31	35	37	-2	30	0	0.00	0.0	0	16.5	38	030(NE)	701	98	8	12
3	44	34	39	37	2	26	0	0.00	0.0	0	14.0	26	060 (NE)	681	96	8	8*
4	50	42	46	36	10	19	0	0.00	0.0	0	10.8	21	110 (E)	690	98	9	
5	57	45	51	36	15	14	0	0.00	0.0	0	7.6	17	080 (E)	690	98	9	
6	53	43	48	35	13	17	0	0.00	0.0	0	14.4	32	290 (W)	668	95	5	
7	48	25	37	35	2	28	0	0.29	0.0	0	26.5	57	270 (W)	195	28	9	126
8	27	19	23	34	-11	42	0	0.02	0.2	T	35.9	53	300 (NW)	615	88	5	126
9	29	20	25	34	-9	40	0	0.15	1.5	T	48.0	75	300 (NW)	0	0	10	1269
10	30	20	25	34	-9	40	0	0.03	0.2	1	36.6	61	290 (W)	0	0	10	126
11	36	23	30	33	-3	35	0	0.00	0.0	1	34.4	62	300 (NW)	687	100	5	126
12	44	35	40	33	7	25	0	0.00	0.0	T	30.1	55	290 (W)	510	75	9	12
13	46	36	41	32	9	24	0	2.25	0.0	0	46.4	83	150 (SE)	0	0	10	12
14	49	43	46	32	14	19	0	3.67	0.0	0	34.1	89	170 (S)	125	18	10	12
15	44	35	40	32	8	25	0	0.00	0.0	0	25.6	51	220 (SW)	643	95	4	12
16	41	32	37	31	6	28	0	0.00	0.0	0	15.3	39	270 (W)	410	61	6	12
17	37	31	34	31	3	31	0	0.08	0.1	0	24.1	51	140 (SE)	253	38	9	1246
18	38	31	35	30	5	30	0	0.49	T	0	34.3	62	170 (S)	0	0	10	1246
19	33	19	26	30	-4	39	0	0.00	0.0	0	26.4	46	170 (S)	430	65	5	126
20	25	19	22	30	-8	43	0	0.01	0.1	T	34.0	61	260 (W)	415	63	8	126
21	35	19	27	29	-2	38	0	0.00	0.0	0	30.4	61	260 (W)	647	99	4	
22	47	30	39	29	10	26	0	0.00	0.0	0	25.6	51	260 (W)	652	100	3	
23	52	42	47	29	18	18	0	0.00	0.0	0	14.0	48	110 (E)	265	41	9	
24	53	43	48	28	20	17	0	0.48	0.0	0	26.8	47	110 (E)	55	9	10	12
25	52	45	49	28	21	16	0	0.17	0.0	0	31.6	54	170 (S)	30	5	10	12
26	51	45	48	28	20	17	0	0.98	0.0	0	31.2	57	140 (SE)	0	0	10	12
27	47	26	37	27	10	28	0	0.71	0.0	0	59.8	87	310 (NW)	303	47	6	126
28	40	27	34	27	7	31	0	0.00	0.0	0	19.4	68	320 (NW)	635	100	8	
29	42	33	38	26	12	27	0	0.00	0.0	0	25.4	43	290 (W)	633	100	4	
30	46	37	42	26	16	23	0	0.00	0.0	0	24.8	43	290 (W)	630	100	5	
31	49	39	44	26	18	21	0	0.00	0.0	0	25.6	44	250 (W)	627	100	9	
SUM	1333	1007	----	----	----	838	0	9.33	2.1	----	837.5	----	----	12610	----	236	----
AVG	43.0	32.5	----	----	----	----	----	----	----	----	27.0	FASTEST	DIR	POSS	61%	7.6	----
											MISC. ->	89	170 (S)	20805			----

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	37.7	TOTAL FOR THE MONTH	9.33	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	6.4	DEPARTURE FROM NORMAL	-0.66			2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	57 on 5th	24 HOUR MAX	5.74 on 13th, 14th	CLEAR (SCALE 0-3)	1	3 = THUNDER	
LOWEST	19 on 19th, 20th, 21st	SNOWFALL, ICE PELLETS (IN.)		PARTLY CLOUDY (SCALE 4-7)	10	4 = ICE PELLETS	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	2.1	CLOUDY (SCALE 8-10)	20	5 = HAIL	
MAX. 32 OR BELOW	4	24 HOUR MAX	1.5 on 9th	WITH .01" OR MORE PRECIP	13	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	1.0 on 10th, 11th	WITH .10" OR MORE PRECIP	9	7 = BLOWING DUST OR SAND RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	15			WITH .50" OR MORE PRECIP	4	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	30.643 on 28th			X = TORNADO	
TOTAL THIS MONTH	838	LOWEST SEA-LEVEL	29.696 on 18th				
DEPARTURE FROM NORMAL	-207	AVG STATION	23.863				
SEASON TOTAL	2359						
DEPARTURE FROM NORMAL	-316						
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
63	63	62	65	63

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 243 HOURS OF PREVAILING WINDS FROM THE W, 33 % OF THE TOTAL HOURS OF THE MONTH.