

WS FORM F-6										STATION									
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MOUNT WASHINGTON OBSERVATORY									
LATITUDE					LONGITUDE					GROUND ELEVATION (H)					STANDARD TIME				
44 DEGREES 16 MINUTES NORTH					71 DEGREES 18 MINUTES WEST					6,280 FT					2023 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	36	14	25	8	17	40	0	0.51	0.4	9	54.9	91	280 (W)	0	0	10	1246		
2	19	13	16	8	8	49	0	0.03	0.2	9	44.8	64	300 (NW)	0	0	10	126		
3	37	15	26	8	18	39	0	0.13	0.0	9	36.8	58	280 (W)	80	15	10	126		
4	38	30	34	8	26	31	0	0.30	0.0	6	30.5	45	300 (NW)	0	0	10	126		
5	32	22	27	7	20	38	0	0.07	T	5	25.1	56	160 (S)	20	4	10	126		
6	23	17	20	7	13	45	0	0.41	3.1	5	13.4	36	300 (NW)	0	0	10	126		
7	17	2	10	7	3	55	0	0.10	1.1	9	42.6	70	300 (NW)	205	37	10	1269		
8	15	5	10	7	3	55	0	0.00	0.0	9	46.3	64	320 (NW)	555	100	3			
9	22	8	15	7	8	50	0	0.06	0.7	9	38.7	78	290 (W)	360	65	8	1269		
10	9	-1	4	7	-3	61	0	0.07	0.9	9	44.8	97	290 (W)	377	68	6	1269		
11	13	4	9	6	3	56	0	0.00	0.0	9	15.6	36	250 (W)	541	97	5			
12	21	7	14	6	8	51	0	0.34	3.3	9	34.4	78	160 (S)	0	0	10	1269		
13	34	20	27	6	21	38	0	0.61	2.5	12	37.0	73	160 (S)	0	0	10	12469		
14	29	13	21	6	15	44	0	0.01	0.2	11	11.0	27	200 (S)	130	23	10	126		
15	22	13	18	6	12	47	0	T	0.1	12	53.4	87	050 (NE)	480	85	6	1269		
16	32	18	25	6	19	40	0	0.07	0.3	11	44.2	78	360 (N)	0	0	10	12469		
17	30	22	26	6	20	39	0	T	0.1	11	43.3	87	330 (NW)	445	78	6	126		
18	25	11	18	5	13	47	0	0.01	0.1	11	52.0	84	320 (NW)	5	1	10	126		
19	29	11	20	5	15	45	0	0.33	3.7	11	33.0	92	310 (NW)	341	59	9	126		
20	20	10	15	5	10	50	0	0.58	6.3	17	16.1	34	180 (S)	0	0	10	126		
21	17	7	12	5	7	53	0	0.00	0.0	20	26.6	43	330 (NW)	577	100	3	126		
22	24	12	18	5	13	47	0	0.11	1.2	20	33.2	77	240 (SW)	518	89	9	1269		
23	27	5	16	5	11	49	0	0.59	7.2	22	28.3	81	290 (W)	0	0	10	1269		
24	12	4	8	5	3	57	0	0.12	1.7	27	65.5	108	290 (W)	0	0	10	1269		
25	15	5	10	5	5	55	0	0.63	7.7	27	38.6	92	160 (S)	265	45	10	1269		
26	32	-2	15	5	10	50	0	1.24	7.8	28	58.2	100	280 (W)	0	0	10	12469		
27	8	-2	3	5	-2	62	0	0.02	0.5	25	40.0	85	310 (NW)	205	35	9	1269		
28	15	7	11	5	6	54	0	0.11	0.6	24	53.1	85	270 (W)	0	0	10	1269		
29	21	8	15	5	10	50	0	0.18	1.6	23	53.0	90	220 (SW)	0	0	10	1269		
30	21	8	15	5	10	50	0	0.14	1.3	24	45.0	79	270 (W)	230	39	9	1269		
31	9	-13	-2	5	-7	67	0	0.04	0.4	24	52.3	84	300 (NW)	165	28	9	1269		
SUM	704	293	----	----	----	1514	0	6.81	53.0	----	1211.7	----	----	5499	----	272	----		
AVG	22.7	9.5	----	----	----	----	----	----	----	----	39.1	FASTEST	DIR	POSS	31%	8.8	----		
											MISC. ->	108	290 (W)	17658			----		

  

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	16.1	TOTAL FOR THE MONTH	6.81	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	10.3	DEPARTURE FROM NORMAL	1.07			2 = FOG REDUCING VISIBILITY	
HIGHEST	38 on 4th	24 HOUR MAX	1.75 on 25th/26th	CLEAR (SCALE 0-3)	2	TO 1/4 MILE OR LESS	
LOWEST	-13 on 31th			PARTLY CLOUDY (SCALE 4-7)	4	3 = THUNDER	
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	25	4 = ICE PELLETS	
NUMBER OF DAYS WITH:						5 = HAIL	
		TOTAL FOR THE MONTH	53.0	WITH .01" OR MORE PRECIP	26	6 = GLAZE OR RIME	
MAX. 32 OR BELOW	27	24 HOUR MAX	14.6 on 25th/26th	WITH .10" OR MORE PRECIP	17	7 = BLOWING DUST OR SAND	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	28 on 26th	WITH .50" OR MORE PRECIP	6	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	31			WITH 1.0" OR MORE PRECIP	1	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	4	PRESSURE DATA (IN.)				9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.418 on 29th				
		LOWEST SEA-LEVEL	29.272 on 26th				
TOTAL THIS MONTH	1514	AVG STATION	23.530				
DEPARTURE FROM NORMAL	-320						
SEASON TOTAL	6669						
DEPARTURE FROM NORMAL	-817						
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
84	81	81	86	83

  

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 321 HOURS OF PREVAILING WINDS FROM THE W, 43% OF THE TOTAL HOURS OF THE MONTH.