

WS FORM F-6											STATION						
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MOUNT WASHINGTON OBSERVATORY						
											MONTH			YEAR			
											FEBRUARY			2008			
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	DEGREE DAYS	TOTAL (EQUIV)	SNOW & ICE	SNOW/ICE ON GROUND-6AM	AVG SPEED	FASTEST MILE SPEED	DIR	TOTAL	% POSS	COVER	WEATHER	
1	27	5	16	5	11	49	0	1.27	5.0	4	40.0	85	SE	0	0	10	12469
2	27	6	17	5	12	48	0	0.43	1.8	7	61.1	118	SW	0	0	10	12469
3	12	7	10	5	5	55	0	0.06	1.4	7	41.3	69	W	0	0	10	1269
4	20	6	13	5	8	52	0	0.01	0.3	8	23.4	57	W	373	61	8	1269
5	31	12	22	5	17	43	0	0.21	1.2	8	45.8	89	W	0	0	10	12469
6	29	18	24	5	19	41	0	0.53	4.9	8	19.6	76	W	0	0	10	1246
7	25	8	17	5	12	48	0	0.39	5.9	15	18.8	40	SW	0	0	10	1269
8	11	2	7	5	2	58	0	0.07	0.8	16	29.3	44	S	23	4	10	1269
9	17	2	10	5	5	55	0	0.03	0.2	16	25.7	42	W	107	17	9	1269
10	15	-16	0	6	-6	65	0	0.26	3.1	16	43.3	96	W	125	20	9	1269
11	-7	-22	-14	6	-20	79	0	0.00	0.0	16	73.0	96	NW	5	1	10	1269
12	12	-8	2	6	-4	63	0	0.06	0.3	14	30.9	77	NW	516	82	5	1269
13	31	4	18	6	12	47	0	1.21	6.7	15	40.4	70	S	0	0	10	1269
14	17	3	10	6	4	55	0	0.00	0.0	15	52.5	74	NW	628	99	2	1269
15	17	-13	2	6	-4	63	0	0.24	1.4	14	68.0	98	W	0	0	10	1269
16	-1	-17	-9	7	-16	74	0	0.00	0.0	12	56.1	87	W	280	44	6	1269
17	28	-1	14	7	7	51	0	0.21	1.2	12	48.7	102	SW	50	8	10	12469
18	38	11	25	7	18	40	0	0.97	1.4	11	53.8	105	SW	0	0	10	12469
19	12	-5	4	7	-3	61	0	0.11	1.7	9	57.1	88	W	55	8	10	1269
20	-4	-13	-8	7	-15	73	0	0.04	0.6	10	64.7	94	W	0	0	10	1269
21	-2	-17	-9	8	-17	74	0	0.00	0.0	9	58.3	84	W	553	84	4	126
22	8	-5	2	8	-6	63	0	0.06	1.4	9	26.8	49	SW	0	0	10	1269
23	15	-1	7	8	-1	58	0	0.00	0.0	10	23.9	47	W	631	95	3	1
24	14	-2	6	8	-2	59	0	0.00	0.0	10	38.4	63	W	666	100	2	19
25	20	8	14	9	5	51	0	0.00	0.0	10	32.3	49	W	671	100	7	126
26	20	12	16	9	7	49	0	0.44	5.0	9	28.2	50	S	0	0	10	1269
27	23	-1	11	9	2	54	0	0.15	2.6	15	12.0	38	N	0	0	10	1269
28	3	-17	-7	9	-16	72	0	0.00	0.0	15	31.0	52	W	540	79	8	1269
29	4	-12	-4	9	-13	69	0	0.01	0.3	14	20.5	57	S	647	95	5	1269
SUM	462	-46	----	----	----	1669	0	6.76	47.2	----	1164.9	----	----	5870	----	238	----
AVG	16	-2	----	----	----	----	----	----	----	----	40.2	FASTEST	DIR	POSS	%	8.2	----
											MISC. ->	118	SW	17905	33%		----

  

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	7.2	TOTAL FOR THE MONTH	6.76	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	0.6	DEPARTURE FROM NORMAL	-0.57			2 = FOG REDUCING VISIBILITY	
HIGHEST	38 on 18th	24 HOUR MAX	1.70 on 1st/2nd	CLEAR (SCALE 0-3)	3	TO 1/4 MILE OR LESS	
LOWEST	-22 on 11th			PARTLY CLOUDY (SCALE 4-7)	5		
NUMBER OF DAYS WITH:		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	21		
				WITH .01" OR MORE PRECIP	21	6 = GLAZE OR RIME	
MAX. 32 OR BELOW	28	TOTAL FOR THE MONTH	47.2	WITH .10" OR MORE PRECIP	13	7 = BLOWING DUST OR SAND	
MAX. 90 OR ABOVE	0	24 HOUR MAX	8.2 on 6th/7th	WITH .50" OR MORE PRECIP	4	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	29	MAX DEPTH ON GROUND	17 on 10th	WITH 1.0" OR MORE PRECIP	2	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	15					9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.612 on 1st				
		LOWEST SEA-LEVEL	29.195 on 27th				
TOTAL THIS MONTH	1669	AVG STATION	23.445				
DEPARTURE FROM NORMAL	33						
SEASON TOTAL	9033						
DEPARTURE FROM NORMAL	-356						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

  

NOTES: 18TH: NEW DAILY RECORD HIGH OF 38°F, ORIGINAL RECORD OF 37°F WAS SET IN 1981.				
AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR				
0600	1200	1800	0000	MONTH
85	82	88	88	86

  

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 356 HOURS OF PREVAILING WINDS FROM THE W, 48% OF THE TOTAL HOURS OF THE MONTH.
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