WS FORM F-6

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: MOUNT WASHINGTON OBSERVATORY

MONTH: FEBRUARY | YEAR: 2006

LATITUDE: 44 DEGREES 16 MINUTES NORTH | LONGITUDE: 71 DEGREES 18 MINUTES WEST | GROUND ELEVATION (H): 6280 FT | STANDARD TIME: EASTERN

	TEMPERATURE (°F)					DEGREE DAYS		PRECIPITATION (IN.)			WIND (MPH)			SUNSHINE (MINUTES)		SKY COVER	WEATHER
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	TOTAL (EQUIV)	SNOW & ICE	SNOW/ICE ON GROUND-6AM	AVG SPEED	FASTEST MILE SPEED	FASTEST MILE DIR	TOTAL	% POSS	(TENTHS)	OCCUR.
1	22	11	17	5	12	48	0	0.07	0.5	18	22.6	59	NW	345	57	5	1269
2	27	15	21	5	16	44	0	T	T	18	26.1	49	SW	300	50	9	126
3	32	16	24	5	19	41	0	1.03	4.8	18	56.5	107	W	0	0	10	12469
4	33	19	26	5	21	39	0	0.20	0.1	19	41.5	93	W	426	70	9	126
5	**41**	11	26	5	21	39	0	0.72	1.2	16	41.6	83	SW	0	0	10	1269
6	11	1	6	5	1	59	0	0.06	1.0	16	63.4	99	W	45	7	10	1269
7	1	-11	-5	5	-10	70	0	0.08	1.5	16	64.1	96	W	0	0	10	1269
8	3	-11	-4	5	-9	69	0	0.00	0.0	16	41.7	80	NW	445	71	8	1269
9	0	-17	-8	5	-13	73	0	0.00	0.0	16	30.5	59	W	280	45	9	1269
10	-12	-18	-15	6	-21	80	0	0.00	0.0	16	54.7	73	NW	265	42	6	1269
11	4	-13	-4	6	-10	69	0	0.00	0.0	16	27.5	61	NW	615	98	2	126
12	4	-11	-3	6	-9	68	0	0.03	0.2	16	26.5	70	NW	0	0	10	1269
13	1	-11	-5	6	-11	70	0	0.04	0.6	16	58.0	86	W	50	8	9	1269
14	13	-1	6	6	0	59	0	T	T	17	58.2	84	W	0	0	10	1269
15	29	13	21	6	15	44	0	0.00	0.0	17	56.4	75	W	290	45	9	1269
16	30	20	25	7	18	40	0	T	T	17	34.8	69	W	40	6	8	1246
17	**34**	-12	11	7	4	54	0	0.16	0.7	16	81.8	137	W	0	0	10	123469
18	-10	**-30**	-20	7	-27	85	0	0.03	0.6	17	72.5	112	NW	0	0	10	126
19	-6	-28	-17	7	-24	82	0	0.11	1.2	16	77.8	111	NW	0	0	10	126
20	0	-10	-5	7	-12	70	0	0.01	0.4	17	49.2	74	W	0	0	10	1269
21	5	-4	1	8	-7	64	0	0.25	4.0	17	35.8	66	NW	10	2	10	1269
22	12	2	7	8	-1	58	0	0.07	1.3	19	25.3	49	NW	255	39	9	1269
23	17	10	14	8	6	51	0	0.25	2.4	19	31.7	52	W	0	0	10	1269
24	10	-12	-1	8	-9	66	0	0.96	7.5	21	57.8	105	NW	0	0	10	1269
25	2	-8	-3	9	-12	68	0	0.15	1.3	23	31.2	87	NW	20	3	10	1269
26	-6	**-26**	-16	9	-25	81	0	0.00	0.0	24	65.4	103	NW	128	19	9	1269
27	-15	**-29**	-22	9	-31	87	0	0.00	0.0	24	88.0	120	NW	40	6	10	1269
28	-10	-19	-15	9	-24	80	0	0.25	1.5	24	80.0	106	W	0	0	10	1269
SUM	272	-153	----	----	----	1758	0	4.47	30.8	----	1400.6	----	----	3554	----	252	----
AVG	10	-6	----	----	----	----	----	----	----	----	50.0	FASTEST	DIR	POSS	%	9.0	----
											MISC. ->	137	W	17905	20%		----

TEMPERATURE DATA (°F)

AVERAGE MONTHLY	2.1	
DEPARTURE FROM NORMAL	-4.5	
HIGHEST	41	5th
LOWEST	-30	18th

NUMBER OF DAYS WITH:

MAX. 32 OR BELOW	25
MAX. 90 OR ABOVE	0
MIN. 32 OR BELOW	28
MIN. 0 OR BELOW	18

HEATING DEGREE DAYS (BASE 65°F)

TOTAL THIS MONTH	1758
DEPARTURE FROM NORMAL	122
SEASON TOTAL	8563
DEPARTURE FROM NORMAL	-826

COOLING DEGREE DAYS (BASE 65F)

TOTAL THIS MONTH	0
DEPARTURE FROM NORMAL	0
SEASON TOTAL	0
DEPARTURE FROM NORMAL	0

PRECIPITATION DATA (IN.)

TOTAL FOR THE MONTH	4.47	
DEPARTURE FROM NORMAL	-2.86	
24 HOUR MAX	1.03	3rd

SNOWFALL, ICE PELLETS (IN.)

TOTAL FOR THE MONTH	30.8	
24 HOUR MAX	8.0	23 to 24
MAX DEPTH ON GROUND	24	26, 27, 28

PRESSURE DATA (IN.)

HIGHEST SEA-LEVEL	30.379	16th
LOWEST SEA-LEVEL	29.258	6th
AVG STATION	23.3485	

WEATHER

NUMBER OF DAYS:	
CLEAR (SCALE 0-3)	1
PARTLY CLOUDY (SCALE 4-7)	2
CLOUDY (SCALE 8-10)	25
WITH .01" OR MORE PRECIP	18
WITH .10" OR MORE PRECIP	10
WITH .50" OR MORE PRECIP	3
WITH 1.0" OR MORE PRECIP	1

SYMBOLS USED IN COLUMN 16

1 = FOG
2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS
3 = THUNDER
4 = ICE PELLETS
5 = HAIL
6 = GLAZE OR RIME
7 = BLOWING DUST OR SAND RED. VIS. TO 1/2 MILE OR LESS
8 = SMOKE OR HAZE
9 = BLOWING SNOW
X = TORNADO

NOTES: 5th: New daily record high of 41F. Old record of 37F set in 1962.
17th: New daily record high of 34F. Old record of 33F set in 1984.
18th: New daily record low of -30F. Old record of -26F set in 1944 and 1968.
26th: Tied daily record low of -26F. Old record of -26F set in 1970.
27th: New daily record low of -29F. Old record of -28 set in 1957 and 2000.

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR

0600	1200	1800	0000	MONTH
92	92	93	95	93

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER.
THERE WERE **313** HOURS OF PREVAILING WINDS FROM THE **W** **47%** OF THE TOTAL HOURS OF THE MONTH.