WS FORM F-6

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: MOUNT WASHINGTON OBSERVATORY

MONTH: MAY | 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	
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)	WEATHER OCCUR.
1	36	23	30	30	0	35	0	T	T	8	34.2	54	E	170	20	10	126
2	42	25	34	30	4	31	0	1.31	0.0	5	39.3	74	SE	0	0	10	126
3	41	35	38	30	8	27	0	0.74	0.0	3	29.5	61	SE	0	0	10	126
4	47	38	43	31	12	22	0	0.01	0.0	3	19.2	50	W	415	47	8	12
5	46	34	40	31	9	25	0	0.04	0.0	2	29.3	58	W	570	65	5	12
6	42	20	31	32	-1	34	0	0.15	0.3	1	28.2	73	NW	125	14	10	1246
7	27	13	20	32	-12	45	0	0.00	0.0	1	39.2	75	NW	782	89	3	126
8	44	24	34	32	2	31	0	0.00	0.0	1	14.8	37	W	882	100	7	
9	38	31	35	33	2	30	0	0.05	0.0	0	35.1	79	E	600	68	10	126
10	44	34	39	33	6	26	0	0.67	0.0	0	32.4	56	E	0	0	10	12
11	41	36	39	34	5	26	0	0.74	0.0	0	42.4	73	SE	0	0	10	12
12	41	31	36	34	2	29	0	0.91	0.0	0	57.9	77	SE	0	0	10	126
13	35	26	31	35	-4	34	0	1.78	0.5	0	61.8	88	SE	0	0	10	12469
14	36	30	33	35	-2	32	0	0.69	T	0	55.2	84	SE	5	1	10	1246
15	38	31	35	35	0	30	0	1.12	T	0	44.7	69	SE	0	0	10	12
16	38	32	35	36	-1	30	0	1.66	T*	0	24.8	65	W	0	0	10	124
17	36	31	34	36	-2	31	0	0.51	T	0	33.1	71	W	0	0	10	124
18	42	35	39	37	2	26	0	0.56	T	0	21.7	42	S	65	7	10	123
19	39	27	33	37	-4	32	0	2.45	4.1	0	30.4	68	SE	0	0	10	12469
20	35	28	32	37	-5	33	0	0.64	1.7	2	45.6	67	W	0	0	10	12469
21	36	22	29	38	-9	36	0	1.54	6.0	1	37.8	74	NW	145	16	9	1269
22	28	21	25	38	-13	40	0	0.72	3.3	5	52.0	77	NW	0	0	10	1269
23	31	19	25	38	-13	40	0	0.48	1.1	5	41.8	73	NW	5	1	10	12469
24	32	27	30	39	-9	35	0	0.31	0.3	5	35.9	66	NW	61	7	10	12469
25	46	30	38	39	-1	27	0	0.00	0.0	5	27.1	45	W	602	66	7	
26	52	44	48	39	9	17	0	0.78	0.0	3	18.5	32	W, SW	115	13	10	12
27	50	42	46	40	6	19	0	0.04	0.0	0	21.1	41	NW	138	15	9	12
28	59	42	51	40	11	14	0	0.00	0.0	0	13.3	27	W	884	96	7	
29	59	47	53	40	13	12	0	T	0.0	0	18.2	28	NW	310	34	8	12
30	61	49	55	40	15	10	0	0.00	0.0	0	8.3	31	SW	345	37	9	12
31	62	49	56	41	15	9	0	T	0.0	0	25.6	50	NW	295	32	9	12
SUM	1304	976	----	----	----	868	0	17.90	17.3	----	1018.4	----	----	6514	----	281	----
AVG	42.1	31.5	----	----	----	----	----	----	----	----	32.9	FASTEST	DIR	POSS	%		----
											MISC. ->	88	SE	27878	23%	9.1	----

TEMPERATURE DATA (°F)

AVERAGE MONTHLY	36.8	
DEPARTURE FROM NORMAL	1.2	
HIGHEST	62	31st
LOWEST	13	13th

NUMBER OF DAYS WITH:

MAX. 32 OR BELOW	4
MAX. 90 OR ABOVE	0
MIN. 32 OR BELOW	19
MIN. 0 OR BELOW	0

HEATING DEGREE DAYS (BASE 65°F)

TOTAL THIS MONTH	868
DEPARTURE FROM NORMAL	-45
SEASON TOTAL	12279
DEPARTURE FROM NORMAL	-879

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	17.90	
DEPARTURE FROM NORMAL	9.69	
24 HOUR MAX	2.66	19th/20th

SNOWFALL, ICE PELLETS (IN.)

TOTAL FOR THE MONTH	17.3	
24 HOUR MAX	9.3	21st/22nd
MAX DEPTH ON GROUND	8	1st

PRESSURE DATA (IN.)

HIGHEST SEA-LEVEL	30.560	1st
LOWEST SEA-LEVEL	29.415	19th
AVG STATION	23.7300	

WEATHER

NUMBER OF DAYS:

CLEAR (SCALE 0-3)	1
PARTLY CLOUDY (SCALE 4-7)	4
CLOUDY (SCALE 8-10)	26
WITH .01" OR MORE PRECIP	23
WITH .10" OR MORE PRECIP	19
WITH .50" OR MORE PRECIP	16
WITH 1.0" OR MORE PRECIP	6

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: *Melted Before Measured

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR

0600	1200	1800	0000	MONTH
89	85	89	94	89

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE **239** HOURS OF PREVAILING WINDS FROM THE **WEST**, **32 %** OF THE TOTAL HOURS OF THE MONTH.