

WS FORM F-6										STATION MOUNT WASHINGTON OBSERVATORY									
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MONTH JANUARY					YEAR 2006				
LATITUDE 44 DEGREES 16 MINUTES NORTH					LONGITUDE 71 DEGREES 18 MINUTES WEST					GROUND ELEVATION (H) 6,280 FT					STANDARD TIME 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-6AM	AVG SPEED	FASTEST MILE SPEED	DIR	TOTAL	% POSS				
1	21	11	16	6	10	49	0	0.01	0.5	14	16.9	51	W	25	5	10	126		
2	23	8	16	6	10	49	0	0.04	0.7	14	39.0	67	NW	230	42	7	1269		
3	25	19	22	6	16	43	0	0.00	0.0	14	13.1	40	E	90	16	9			
4	27	18	23	6	17	42	0	0.03	0.3	13	14.2	41	SW	280	51	7	126		
5	24	16	20	6	14	45	0	0.22	2.0	14	27.5	49	NW	0	0	10	1269		
6	19	5	12	6	6	53	0	0.08	0.9	15	8.0	23	W	0	0	10	126		
7	7	-6	1	6	-5	64	0	0.03	0.4	14	38.8	73	NW	513	93	2	1269		
8	11	4	8	5	3	57	0	0.02	0.5	14	23.3	41	W	0	0	10	126		
9	25	10	18	5	13	47	0	0.27	2.2	14	50.6	92	W	0	0	10	1269		
10	22	6	14	5	9	51	0	0.21	1.2	15	63.3	95	W	20	4	10	1269		
11	35	19	27	5	22	38	0	0.17	0.2	15	46.3	72	SW	0	0	10	12469		
12	31	21	26	5	21	39	0	0.46	4.5	12	56.8	102	W	54	10	10	1269		
13	35	26	31	5	26	34	0	0.00	0.0	12	39.0	68	SW	542	96	6	12		
14	40	20	30	5	25	35	0	1.33	T	8	35.6	82	SW	0	0	10	126		
15	25	-13	6	5	1	59	0	0.93	5.8	6	60.7	110	NW	65	11	10	1269		
16	6	-15	-5	5	-10	70	0	0.00	0.0	6	101.9	142	NW	340	60	9	126		
17	33	6	20	5	15	45	0	0.05	0.7	6	42.7	108	NW	509	89	5	1269		
18	37	9	23	5	18	42	0	1.61	2.0	8	74.4	120	W	0	0	10	12469		
19	22	4	13	5	8	52	0	0.11	1.0	9	73.6	112	W	0	0	10	1269		
20	30	20	25	5	20	40	0	0.00	0.0	9	56.3	80	W	0	0	10	126		
21	33	-1	16	5	11	49	0	0.31	1.9	9	61.0	119	W	0	0	10	12469		
22	11	-8	2	5	-3	63	0	0.01	0.2	10	56.3	100	NW	580	100	3	1269		
23	20	9	15	5	10	50	0	0.20	2.1	10	30.5	68	W	0	0	10	1269		
24	15	7	11	4	7	54	0	0.01	0.3	12	26.3	73	NW	510	87	3	1269		
25	15	10	13	4	9	52	0	0.44	6.1	12	19.8	46	W	180	31	9	1269		
26	10	-5	3	5	-2	62	0	0.77	8.4	19	52.5	89	NW	110	19	10	1269		
27	20	-2	9	5	4	56	0	0.00	0.0	16	76.3	108	NW	522	88	5	1269		
28	21	15	18	5	13	47	0	T	T	15	76.2	103	W	238	40	9	1269		
29	29	14	22	5	17	43	0	0.22	2.8	15	39.5	88	NW	20	3	10	1269		
30	30	20	25	5	20	40	0	0.19	1.2	17	28.0	51	W	0	0	10	1269		
31	27	16	22	5	17	43	0	0.10	0.8	17	17.2	42	NW	30	5	10	1269		
SUM	729	263	----	----	----	1513	0	7.82	46.7	----	1365.6	----	----	4858	----	264	----		
AVG	23.5	8.5	----	----	----	----	----	----	----	----	44.1	FASTEST	DIR	POSS	%		----		
												MISC. ->	142	NW	17658	28%	8.5	----	

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	16.0	TOTAL FOR THE MONTH	7.82	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	10.8	DEPARTURE FROM NORMAL	-0.70			2 = FOG REDUCING VISIBILITY	
HIGHEST	40 14th	24 HOUR MAX	1.61 18th	CLEAR (SCALE 0-3)	3	TO 1/4 MILE OR LESS	
LOWEST	-15 16th			PARTLY CLOUDY (SCALE 4-7)	5	3 = THUNDER	
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	23	4 = ICE PELLETS	
NUMBER OF DAYS WITH:						5 = HAIL	
		TOTAL FOR THE MONTH	46.7	WITH .01" OR MORE PRECIP	25	6 = GLAZE OR RIME	
MAX. 32 OR BELOW	25	24 HOUR MAX	13.2 25th/26th	WITH .10" OR MORE PRECIP	16	7 = BLOWING DUST OR SAND	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	19 26th	WITH .50" OR MORE PRECIP	4	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	31			WITH 1.0" OR MORE PRECIP	2	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	7	PRESSURE DATA (IN.)				9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.595 22nd				
		LOWEST SEA-LEVEL	29.300 15th				
TOTAL THIS MONTH	1513	AVG STATION	23.1550				
DEPARTURE FROM NORMAL	-342						
SEASON TOTAL	6805						
DEPARTURE FROM NORMAL	-948						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

NOTES: **WARMEST JANUARY ON RECORD. AVERAGE DAILY TEMPERATURE OF 16.0F BREAKS OLD RECORD OF 14.5F SET IN 1954.**

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR				
0600	1200	1800	0000	MONTH
82	80	81	89	83

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 273 HOURS OF PREVAILING WINDS FROM THE W, 37% OF THE TOTAL HOURS OF THE MONTH.