

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH MARCH				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 (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	0	-20	-10	9	-19	75	0	0.05	0.6	25	75.0	107	NW	230	34	8	1269	
2	7	-6	1	10	-9	64	0	T	0.1	25	40.5	74	NW	125	18	9	1269	
3	-6	-13	-10	10	-20	75	0	T	T	25	64.8	107	NW	15	2	10	1269	
4	5	-9	-2	10	-12	67	0	0.29	3.4	22	62.6	95	NW	20	3	10	1269	
5	15	1	8	11	-3	57	0	0.08	0.8	23	58.6	94	NW	305	44	6	1269	
6	15	3	9	11	-2	56	0	0.00	0.0	23	19.4	60	N	686	98	1	1269	
7	17	6	12	11	1	53	0	0.00	0.0	23	7.9	26	N	309	44	5	126	
8	18	10	14	11	3	51	0	0.00	0.0	23	22.3	37	NW	686	97	7		
9	31	13	22	12	10	43	0	0.24	2.5	23	33.2	69	S	15	2	10	12469	
10	38	18	28	12	16	37	0	0.20	0.2	22	64.5	119	W	0	0	10	126	
11	26	14	20	12	8	45	0	T	T	20	67.8	119	W	147	21	8	126	
12	35	24	30	13	17	35	0	0.36	0.0	20	47.9	76	W	148	21	10	126	
13	41	22	32	13	19	33	0	0.49	1.0	18	42.1	79	NW	79	11	10	1246	
14	41	4	23	13	10	42	0	0.32	0.4	16	59.2	103	W	20	3	10	12346	
15	7	-6	1	13	-12	64	0	0.56	4.1	17	81.2	114	W	0	0	10	1269	
16	2	-8	-3	14	-17	68	0	0.09	0.9	17	66.5	104	NW	0	0	10	1269	
17	0	-11	-6	14	-20	71	0	0.02	0.3	17	47.1	76	NW	0	0	10	1269	
18	3	-11	-4	14	-18	69	0	0.00	0.0	17	34.5	63	NW	358	49	6	1269	
19	1	-10	-5	14	-19	70	0	0.32	3.0	17	43.5	71	NW	35	5	10	1269	
20	0	-12	-6	15	-21	71	0	T	T	18	56.3	79	NW	0	0	10	1269	
21	16	-4	6	15	-9	59	0	0.00	0.0	17	38.9	74	NW	394	53	7	1269	
22	14	8	11	15	-4	54	0	0.07	0.6	17	16.5	49	N	0	0	10	1269	
23	20	11	16	16	0	49	0	0.08	0.9	18	28.1	56	N	25	3	10	1269	
24	23	16	20	16	4	45	0	0.05	0.7	18	6.0	20	N	0	0	10	126	
25	19	14	17	16	1	48	0	0.03	0.8	19	7.0	23	E	80	11	10	126	
26	17	11	14	16	-2	51	0	0.10	2.0	19	32.3	61	NW	0	0	10	1269	
27	17	11	14	17	-3	51	0	0.00	0.0	18	49.8	75	NW	735	96	3	1269	
28	24	14	19	17	2	46	0	0.00	0.0	16	21.2	46	NW	765	100	1		
29	30	18	24	17	7	41	0	0.00	0.0	15	27.8	60	NW	762	99	5		
30	32	20	26	17	9	39	0	0.00	0.0	14	28.1	45	NW	770	100	7		
31	42	28	35	18	17	30	0	0.00	0.0	11	34.2	56	W	763	99	6		
SUM	550	156	----	----	----	1659	0	3.35	22.3	----	1209.8	----	----	7472	----	249	----	
AVG	17.7	5.0	----	----	----	----	----	----	----	----	40.3	FASTEST	DIR	POSS	%		----	
												119	W	22568	33%	8.0	----	
												MISC. ->						

  

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	11.4	TOTAL FOR THE MONTH	3.35	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-2.2	DEPARTURE FROM NORMAL	-6.07			2 = FOG REDUCING VISIBILITY	
HIGHEST	41 13/14th	24 HOUR MAX	0.71 13/14th	CLEAR (SCALE 0-3)	3	TO 1/4 MILE OR LESS	
LOWEST	-20 1st			PARTLY CLOUDY (SCALE 4-7)	8		
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	20	4 = ICE PELLETS	
NUMBER OF DAYS WITH:						5 = HAIL	
		TOTAL FOR THE MONTH	22.3	WITH .01" OR MORE PRECIP	17	6 = GLAZE OR RIME	
MAX. 32 OR BELOW	26	24 HOUR MAX	4.1 15th	WITH .10" OR MORE PRECIP	9	7 = BLOWING DUST OR SAND	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	25 1st, 2nd, 3rd	WITH .50" OR MORE PRECIP	1	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	31			WITH 1.0" OR MORE PRECIP	0	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	11					9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.413 11th				
		LOWEST SEA-LEVEL	29.437 15th				
TOTAL THIS MONTH	1659	AVG STATION	23.463				
DEPARTURE FROM NORMAL	132						
SEASON TOTAL							
DEPARTURE FROM NORMAL	-10982						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

  

NOTES: 13th: New daily record high of 41F. Old record of 40F set in 1990.				

  

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR					NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 435 HOURS OF PREVAILING WINDS FROM THE NORTHWEST. 58% OF THE TOTAL HOURS OF THE MONTH.
0600	1200	1800	0000	MONTH	
83	85	89	87	86	