

WS FORM F-6												STATION MOUNT WASHINGTON OBSERVATORY						
PRELIMINARY LOCAL CLIMATOLOGICAL DATA												MONTH JANUARY			YEAR 2012			
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 SPEED	DIR	TOTAL	% POSS			
1	33	21	27	6	21	38	0	0.02	0.3	17	35.5	70	SW	548	100	4	1269	
2	25	0	13	6	7	52	0	0.29	2.9	18	53.4	81	W	0	0	10	1269	
3	0	-13	-6	6	-12	71	0	0.02	0.4	20	46.5	67	W	404	74	5	1269	
4	1	-10	-4	6	-10	69	0	0.01	0.3	19	46.8	66	NW	185	34	8	1269	
5	6	-6	0	6	-6	65	0	0.17	2.4	20	56.0	89	W	0	0	10	1269	
6	22	-5	9	6	3	56	0	0.07	1.3	21	46.8	70	W	0	0	10	1269	
7	28	15	22	6	16	43	0	0.03	0.8	21	45.0	72	W	60	11	10	1269	
8	16	-2	7	5	2	58	0	0.06	0.9	22	50.0	75	W	0	0	10	1269	
9	10	-4	3	5	-2	62	0	0.01	0.3	23	41.2	57	W	0	0	10	1269	
10	14	-2	6	5	1	59	0	0.13	1.4	23	57.9	94	W	0	0	10	1269	
11	20	-2	9	5	4	56	0	0.00	0.0	22	36.3	71	W	376	67	5	9	
12	27	8	18	5	13	47	0	0.59	6.7	22	39.0	76	E	0	0	10	1269	
13	28	2	15	5	10	50	0	0.42	2.7	26	54.6	110	W	0	0	10	1269	
14	6	-16	-5	5	-10	70	0	0.02	0.4	27	56.8	101	W	176	31	9	1269	
15	-6	-17	-11	5	-16	76	0	0.00	0.0	27	46.5	72	NW	556	98	4	129	
16	12	-7	3	5	-2	62	0	0.00	0.0	27	38.2	76	W	439	77	8	1269	
17	31	11	21	5	16	44	0	0.10	1.1	27	45.9	93	SW	0	0	10	12469	
18	28	-14	7	5	2	58	0	0.04	0.2	27	82.9	129	W	0	0	10	12469	
19	5	-9	-2	5	-7	67	0	0.07	1.2	27	35.9	70	NW	536	93	5	1269	
20	4	-12	-4	5	-9	69	0	0.18	3.4	28	44.6	74	W	5	1	10	1269	
21	4	-2	1	5	-4	64	0	0.07	1.4	29	32.2	49	NW	15	3	10	1269	
22	19	1	10	5	5	55	0	0.00	0.0	29	29.7	52	NW	503	87	6	9	
23	34	17	26	5	21	39	0	0.39	T	29	43.0	83	S	163	28	9	12469	
24	32	9	21	4	17	44	0	0.17	0.3	29	57.1	90	W	0	0	10	1269	
25	13	5	9	4	5	56	0	0.03	0.5	29	63.3	91	W	175	30	9	1269	
26	23	8	16	5	11	49	0	0.05	0.9	28	32.6	55	NW	496	84	8	1269	
27	35	10	23	5	18	42	0	0.39	1.9	28	46.8	120	W	0	0	10	12469	
28	25	8	17	5	12	48	0	0.02	0.6	27	54.5	122	W	270	46	9	1269	
29	11	3	7	5	2	58	0	0.10	1.9	26	57.3	92	W	0	0	10	1269	
30	9	-5	2	5	-3	63	0	0.05	1.2	26	54.3	79	W	10	2	10	1269	
31	27	-4	12	5	7	53	0	0.31	3.4	26	45.6	73	W	0	0	10	1269	
SUM	542	-12	----	----	----	1743	0	3.81	38.8	----	1476.2	----	----	4917	----	269	----	
AVG	17.5	-0.4	----	----	----	----	----	----	----	----	47.6	FASTEST	DIR	POSS	%	8.7	----	
											MISC.->	129	W	17658	28%			

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	8.6	TOTAL FOR THE MONTH	3.81	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	3.4	DEPARTURE FROM NORMAL	-4.71	CLEAR (SCALE 0-3)	0	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	35 on 27th	24 HOUR MAX	0.66 on 12th/13th	PARTLY CLOUDY (SCALE 4-7)	6	3 = THUNDER	
LOWEST	-17 on 15th	SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	25	4 = ICE PELLETS	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	38.8	WITH .01" OR MORE PRECIP	27	5 = HAIL	
MAX. 32 OR BELOW	28	24 HOUR MAX	6.7 on 12th	WITH .10" OR MORE PRECIP	12	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	29 on 25th	WITH .50" OR MORE PRECIP	1	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	31	PRESSURE DATA (IN.)		WITH 1.0" OR MORE PRECIP	0	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	18	HIGHEST SEA-LEVEL	30.568 on 22nd			9 = BLOWING SNOW	
HEATING DEGREE DAYS (BASE 65°F)		LOWEST SEA-LEVEL	29.001 on 13th			X = TORNADO	
TOTAL THIS MONTH	1743	AVG STATION	23.4600				
DEPARTURE FROM NORMAL	-112						
SEASON TOTAL	6902						
DEPARTURE FROM NORMAL	-851						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

NOTES:	11TH: DAILY AVG WIND SPEED CONTAINS 1 HR OF ESTIMATED SPEED DUE TO A DATABASE RESET.
	12TH: DAILY PRECIPITATION & SNOWFALL TOTALS PARTIALLY ESTIMATED DUE TO UNREASONABLY LOW AMOUNT IN CAN FROM HIGH WINDS.
	16TH: DAILY AVG WIND SPEED CONTAINS 1 HR OF ESTIMATED SPEEDS DUE TO INCORRECTLY VANED PITOT.
	17TH, 18TH: DAILY PRECIPITATION & SNOWFALL TOTALS PARTIALLY ESTIMATED DUE TO EXCESSIVE AMOUNT OF WIND BLOWN SNOW IN CAN.
	20TH: DAILY PRECIPITATION & SNOWFALL TOTALS PARTIALLY ESTIMATED DUE TO UNREASONABLY LOW AMOUNT IN CAN.
	23RD: DAILY SNOWFALL TOTAL PARTIALLY ESTIMATED DUE TO MELTING BEFORE COLLECTION.

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 419 HOURS OF PREVAILING WINDS FROM THE W, 56% OF THE TOTAL HOURS OF THE MONTH.
0600	1200	1800	0000	MONTH	
83	82	85	82	83	