

WS FORM F-6										STATION MOUNT WASHINGTON OBSERVATORY									
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MONTH DECEMBER					YEAR 2014				
LATITUDE 44 DEGREES 16 MINUTES NORTH					LONGITUDE 71 DEGREES 18 MINUTES WEST					GROUND ELEVATION (H) 6280 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-7AM	AVG SPEED	FASTEST MILE SPEED	DIR	TOTAL	% POSS				
1	36	3	20	15	5	45	0	0.56	0.9	3	65.1	93	300 (NW)	0	0	10	126		
2	22	1	12	15	-3	53	0	0.11	1.9	3	34.7	76	310 (NW)	512	92	5	126		
3	32	8	20	14	6	45	0	0.53	3.4	4	53.0	98	300 (NW)	0	0	10	12469		
4	9	-5	2	14	-12	63	0	0.17	1.3	4	60.2	93	310 (NW)	143	26	10	1269		
5	17	6	12	14	-2	53	0	0.01	0.2	5	30.5	47	210 (SW)	451	82	6	126		
6	29	11	20	13	7	45	0	0.52	3.4	5	31.5	58	220 (SW)	0	0	10	12469		
7	13	-2	6	13	-7	59	0	0.00	0.0	7	62.3	108	330 (NW)	551	100	4	1269		
8	22	12	17	13	4	48	0	0.00	0.0	6	20.6	59	190 (S)	335	61	9	126		
9	25	17	21	12	9	44	0	1.41	10.0	6	46.9	88	090 (E)	0	0	10	12469		
10	32	21	27	12	15	38	0	0.70	3.4	12	34.4	61	080 (E)	0	0	10	12469		
11	26	16	21	11	10	44	0	0.17	1.9	13	21.6	43	110 (E)	0	0	10	126		
12	18	8	13	11	2	52	0	0.26	2.8	14	22.4	49	340(N)	175	32	9	126		
13	23	11	17	11	6	48	0	0.40	2.4	17	42.9	77	340 (N)	0	0	10	1269		
14	29	18	24	10	14	41	0	0.08	0.6	18	32.5	61	350 (N)	25	5	10	1269		
15	41	24	33	10	23	32	0	0.00	0.0	18	15.8	38	340(N)	545	100	3			
16	35	23	29	10	19	36	0	0.00	0.0	16	27.8	45	230 (SW)	545	100	9	126		
17	31	16	24	9	15	41	0	0.92	9.5	16	24.9	50	330 (NW)	20	4	10	1269		
18	16	6	11	9	2	54	0	1.29	7.1	25	57.5	98	320 (NW)	0	0	10	1269		
19	23	6	15	9	6	50	0	0.00	0.0	23	27.0	59	310 (NW)	514	94	5	126		
20	25	16	21	9	12	44	0	0.00	0.0	23	16.4	22	050 (NE)	543	100	1			
21	21	9	15	8	7	50	0	0.24	1.1	23	18.3	39	260 (W)	105	19	10	126		
22	23	9	16	8	8	49	0	0.02	0.2	24	20.7	39	180 (S)	469	86	5	126		
23	35	17	26	8	18	39	0	0.30	2.0	25	19.3	36	240 (SW)	0	0	10	1246		
24	44	33	39	8	31	26	0	0.66	0.0	15	40.3	78	230 (SW)	0	0	10	12		
25	44	13	29	7	22	36	0	0.21	0.4	4	71.4	109	300 (NW)	0	0	10	1246		
26	19	13	16	7	9	49	0	0.00	0.0	4	69.1	112	290 (W)	0	0	10	126		
27	30	15	23	7	16	42	0	T	0.0	4	50.5	75	290 (W)	415	76	5	126		
28	30	4	17	7	10	48	0	0.55	5.1	4	59.8	84	270 (W)	0	0	10	12469		
29	7	-10	-1	6	-7	66	0	0.08	0.6	5	60.5	86	300 (NW)	235	43	9	1269		
30	-6	-14	-10	6	-16	75	0	0.00	0.0	6	51.4	72	310 (NW)	546	100	1	126		
31	-8	-13	-10	6	-16	75	0	0.07	0.7	6	50.8	74	290 (W)	0	0	10	1269		
SUM	743	292	---	---	---	1490	0	9.26	58.9	---	1240.1	---	---	6129	---	251	---		
AVG	24.0	9.4	---	---	---	---	---	---	---	---	40.0	FASTEST	DIR	POSS	%		---		
											MISC. ->	112	290 (W)	16968	36%	8.1	---		

TEMPERATURE DATA (°F)	PRECIPITATION DATA (IN.)	WEATHER	SYMBOLS USED IN COLUMN 16
AVERAGE MONTHLY DEPARTURE FROM NORMAL	TOTAL FOR THE MONTH DEPARTURE FROM NORMAL	NUMBER OF DAYS:	1 = FOG
HIGHEST	24 HOUR MAX	CLEAR (SCALE 0-3)	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS
LOWEST	SNOWFALL, ICE PELLETS (IN.)	PARTLY CLOUDY (SCALE 4-7)	3 = THUNDER
NUMBER OF DAYS WITH:	TOTAL FOR THE MONTH	CLOUDY (SCALE 8-10)	4 = ICE PELLETS
MAX. 32 OR BELOW	24 HOUR MAX	WITH .01" OR MORE PRECIP	5 = HAIL
MAX. 90 OR ABOVE	MAX DEPTH ON GROUND	WITH .10" OR MORE PRECIP	6 = GLAZE OR RIME
MIN. 32 OR BELOW	PRESSURE DATA (IN.)	WITH .50" OR MORE PRECIP	7 = BLOWING DUST OR SAND
MIN. 0 OR BELOW	HIGHEST SEA-LEVEL	WITH 1.0" OR MORE PRECIP	8 = SMOKE OR HAZE
HEATING DEGREE DAYS (BASE 65°F)	LOWEST SEA-LEVEL		9 = BLOWING SNOW
TOTAL THIS MONTH	AVG STATION		X = TORNADO
DEPARTURE FROM NORMAL			
SEASON TOTAL			
DEPARTURE FROM NORMAL			
COOLING DEGREE DAYS (BASE 65°F)			
TOTAL THIS MONTH			
DEPARTURE FROM NORMAL			
SEASON TOTAL			
DEPARTURE FROM NORMAL			

NOTES:				
15TH: NEW DAILY RECORD HIGH OF 41°F; PREVIOUS RECORD OF 38°F SET IN 1992.				
16TH: PEAK WIND DIRECTION FROM WINTER VANE.				
24TH: NEW DAILY RECORD HIGH OF 44°F; PREVIOUS RECORD OF 38°F SET IN 1994, 2003.				
25TH: NEW DAILY RECORD HIGH OF 44°F; PREVIOUS RECORD OF 42°F SET IN 1982.				
25TH: DAILY PRECIPITATION AND SNOWFALL PARTIALLY ESTIMATED DUE TO UNREASONABLY LOW AMOUNT IN CAN DUE TO HIGH WINDS.				
28TH: DAILY PRECIPITATION AND SNOWFALL PARTIALLY ESTIMATED DUE TO RIME FALLING IN CAN AT ONE COLLECTION AND MELTING INTO CAN AT ANOTHER.				

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR				
0600	1200	1800	0000	MONTH
80	83	87	88	85

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 NW, 32% OF THE TOTAL HOURS OF THE MONTH.