

WS FORM F-6										STATION MOUNT WASHINGTON OBSERVATORY							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MONTH NOVEMBER				YEAR 2015			
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	34	24	29	25	4	36	0	0.03	T	T	48.5	85	270 (W)	0	0	10	126
2	32	26	29	25	4	36	0	0.00	0.0	T	50.8	89	270 (W)	115	18	9	126
3	35	27	31	25	6	34	0	T	0.0	T	46.8	75	280 (W)	121	20	9	126
4	41	28	35	24	11	30	0	0.00	0.0	0	42.4	93	300 (NW)	617	100	1	126
5	47	38	43	24	19	22	0	0.00	0.0	0	37.2	70	270 (W)	82	13	10	12
6	48	34	41	24	17	24	0	0.25	0.0	0	51.0	95	260(W)	0	0	10	12
7	35	18	27	24	3	38	0	0.32	2.1	T	53.7	92	270(W)	120	20	9	1269
8	19	12	16	23	-7	49	0	T	T	1	60.4	93	280 (W)	347	57	6	1269
9	37	18	28	23	5	37	0	0.00	0.0	1	37.8	64	280 (W)	594	98	3	126
10	49	32	41	23	18	24	0	0.00	0.0	T	21.1	42	280 (W)	562	94	6	
11	39	31	35	22	13	30	0	0.38	0.0	0	16.9	37	110 (E)	0	0	10	12
12	36	26	31	22	9	34	0	0.33	0.3	0	32.5	68	170 (S)	0	0	10	1246
13	29	19	24	22	2	41	0	0.47	1.9	T	64.5	93	260 (W)	0	0	10	12469
14	19	7	13	21	-8	52	0	0.30	1.5	1	69.7	95	280 (W)	0	0	10	1269
15	23	8	16	21	-5	49	0	0.12	0.8	2	69.0	96	280 (W)	215	37	9	1269
16	20	8	14	21	-7	51	0	0.08	0.5	2	53.6	90	280 (W)	0	0	10	1269
17	34	11	23	20	3	42	0	0.00	0.0	2	18.8	35	360 (N)	585	100	3	
18	37	27	32	20	12	33	0	0.00	0.0	2	20.3	50	220 (SW)	582	100	5	12
19	37	32	35	20	15	30	0	0.36	0.0	1	47.2	83	150 (SE)	0	0	10	12
20	36	12	24	19	5	41	0	0.41	0.0	T	26.8	79	130 (SE)	420	73	4	126
21	33	12	23	19	4	42	0	0.00	0.0	T	27.6	61	320 (NW)	413	72	9	126
22	28	11	20	19	1	45	0	T	T	T	33.5	85	270 (W)	0	0	10	126
23	11	-3	4	18	-14	61	0	T	T	T	41.3	65	290 (W)	540	94	3	126
24	9	-2	4	18	-14	61	0	0.19	2.1	T	51.8	82	290 (W)	0	0	10	126
25	24	6	15	18	-3	50	0	0.08	0.8	1	30.8	47	290 (W)	26	5	9	126
26	33	21	27	17	10	38	0	0.00	0.0	2	45.8	72	220 (SW)	506	89	9	12
27	39	32	36	17	19	29	0	0.03	0.0	1	58.2	92	250 (W)	125	22	10	126
28	34	15	25	16	9	40	0	0.30	T	T	32.4	63	280 (W)	220	39	9	1246
29	20	1	11	16	-5	54	0	0.02	0.4	T	39.5	64	300 (NW)	388	69	5	126
30	19	9	14	16	-2	51	0	0.00	0.0	T	31.5	63	290 (W)	561	100	1	
SUM	937	540	----	----	----	1204	0	3.67	10.4	----	1261.4	----	----	7139	----	229	----
AVG	31.2	18.0	----	----	----	----	----	----	----	----	42.0	FASTEST	DIR	POSS	%		----
											MISC. ->	96	280 (W)	17696	40%	7.6	----

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	24.6	TOTAL FOR THE MONTH	3.67	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	3.9	DEPARTURE FROM NORMAL	-6.18			2 = FOG REDUCING VISIBILITY	
HIGHEST	49 on 10th	24 HOUR MAX	0.77 on 19th/20th	CLEAR (SCALE 0-3)	5	TO 1/4 MILE OR LESS	
LOWEST	-3 on 23rd			PARTLY CLOUDY (SCALE 4-7)	5	3 = THUNDER	
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	20	4 = ICE PELLETS	
NUMBER OF DAYS WITH:						5 = HAIL	
		TOTAL FOR THE MONTH	10.4	WITH .01" OR MORE PRECIP	16	6 = GLAZE OR RIME	
MAX. 32 OR BELOW	12	24 HOUR MAX	2.9 on 13th/14th	WITH .10" OR MORE PRECIP	11	7 = BLOWING DUST OR SAND	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	2.0 on 16th, 17th	WITH .50" OR MORE PRECIP	0	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	28			WITH 1.0" OR MORE PRECIP	0	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	2	PRESSURE DATA (IN.)				9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.965 on 26th				
		LOWEST SEA-LEVEL	29.427 on 13th				
TOTAL THIS MONTH	1204	AVG STATION	23.810				
DEPARTURE FROM NORMAL	-125						
SEASON TOTAL	3731						
DEPARTURE FROM NORMAL	-396						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

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 432 HOURS OF PREVAILING WINDS FROM THE W, 60% OF THE TOTAL HOURS OF THE MONTH.
0600	1200	1800	0000	MONTH	
79	80	82	77	80	

NOTES:				
4TH: DAILY AVERAGE WIND SPEED CONTAINS 2 HRS OF ESTIMATED SPEEDS DUE TO FOXBORO DATABASE MALFUNCTION.				
6TH: DAILY RECORD HIGH OF 48°F EQUALED; RECORD ORIGINALLY SET IN 1948				
16TH: DAILY PRECIPITATION AND SNOWFALL PARTIALLY ESTIMATED DUE TO RIME FALLING INTO CAN AT ONE COLLECTION.				
20TH, 22ND: DAILY AVERAGE WIND SPEED CONTAINS 3 HRS OF ESTIMATED SPEEDS DUE TO DATABASE MALFUNCTION.				
GREATEST SNOW DEPTH OF 2 INCHES OCCURRED AT 18Z ON THE 16TH, 00Z, AND 06Z ON THE 17TH				