

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY						
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH NOVEMBER			YEAR 2016			
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	45	27	36	25	11	29	0	0.02	0.0	4	24.5	60	280 (W)	574	92	4	12
2	45	35	40	25	15	25	0	0.03	0.0	1	40.3	60	280 (W)	0	0	10	12
3	40	24	32	25	7	33	0	0.83	0.3	T	25.6	67	340 (N)	0	0	10	1246
4	25	10	18	24	-6	47	0	0.22	1.5	T	49.7	75	310 (NW)	40	6	9	126
5	25	11	18	24	-6	47	0	0.15	0.9	1	47.7	74	290 (W)	0	0	10	1269
6	22	12	17	24	-7	48	0	0.18	1.6	2	30.7	53	330 (NW)	0	0	10	126
7	42	18	30	24	6	35	0	0.00	0.0	2	27.8	48	360 (N)	609	100	1	
8	46	32	39	23	16	26	0	0.00	0.0	2	19.1	36	280 (W)	607	100	1	
9	33	16	25	23	2	40	0	0.00	0.0	2	36.4	56	310 (NW)	0	0	10	126
10	33	14	24	23	1	41	0	0.00	0.0	2	48.3	83	270 (W)	208	35	8	
11	27	5	16	22	-6	49	0	0.83	5.4	2	65.4	101	340 (N)	0	0	10	1269
12	24	4	14	22	-8	51	0	0.00	0.0	3	51.0	91	310 (NW)	484	81	6	1269
13	33	16	25	22	3	40	0	0.00	0.0	3	47.5	84	290 (W)	466	78	4	126
14	43	26	35	21	14	30	0	0.00	0.0	3	32.8	72	280 (W)	577	97	1	
15	39	27	33	21	12	32	0	0.80	0.0	1	30.7	70	100 (E)	60	10	9	126
16	39	29	34	21	13	31	0	0.56	0.0	1	27.0	56	120 (SE)	60	10	9	126
17	41	26	34	20	14	31	0	0.00	0.0	T	28.8	46	010 (N)	352	60	5	126
18	48	37	43	20	23	22	0	0.00	0.0	T	22.9	45	030 (NE)	582	100	1	
19	49	36	43	20	23	22	0	0.00	0.0	T	13.5	35	140 (SE)	581	100	1	1
20	36	10	23	19	4	42	0	0.50	1.6	T	23.6	57	110 (E)	10	2	10	12469
21	10	3	7	19	-12	58	0	0.12	1.8	1	38.2	66	280 (W)	10	2	10	1269
22	8	3	6	19	-13	59	0	0.12	1.2	2	62.5	91	300 (NW)	0	0	10	1269
23	25	6	16	18	-2	49	0	0.00	0.0	2	50.6	77	310 (NW)	115	20	9	1269
24	28	16	22	18	4	43	0	0.19	2.5	2	20.3	38	280 (W)	10	2	10	126
25	26	19	23	18	5	42	0	0.04	0.4	4	24.6	40	240 (SW)	0	0	10	126
26	23	15	19	17	2	46	0	0.02	0.7	4	15.3	32	280 (W)	20	4	10	126
27	18	8	13	17	-4	52	0	0.04	1.0	5	26.0	49	300 (NW)	70	12	9	126
28	28	8	18	16	2	47	0	T	T	6	37.0	55	300 (NW)	495	88	3	126
29	35	24	30	16	14	35	0	1.17	1.0	5	36.0	64	160 (S)	0	0	10	12469
30	35	21	28	16	12	37	0	0.15	1.2	5	30.4	49	140 (SE)	21	4	10	1246
SUM	971	538	---	---	---	1189	0	5.97	21.1	---	1034.2	---	---	5951	---	220	---
AVG	32.4	17.9	---	---	---	---	---	---	---	---	34.5	FASTEST	DIR	POSS			
											MISC. ->	101	340 (N)	17696	34%	7.3	---

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	25.2	TOTAL FOR THE MONTH	5.97	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	4.5	DEPARTURE FROM NORMAL	-3.88			2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	49 on 19th	24 HOUR MAX	1.32 on 15th/16th	CLEAR (SCALE 0-3)	6	3 = THUNDER	
LOWEST	3 on 21st, 22nd			PARTLY CLOUDY (SCALE 4-7)	4	4 = ICE PELLETS	
NUMBER OF DAYS WITH:		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	20	5 = HAIL	
		TOTAL FOR THE MONTH	21.1	WITH .01" OR MORE PRECIP	18	6 = GLAZE OR RIME	
MAX. 32 OR BELOW	13	24 HOUR MAX	5.4 on 11th	WITH .10" OR MORE PRECIP	13	7 = BLOWING DUST OR SAND	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	6.0 on 28th, 30th	WITH .50" OR MORE PRECIP	6	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	27			WITH 1.0" OR MORE PRECIP	1	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	0					9 = BLOWING SNOW	
		PRESSURE DATA (IN.)				X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.597 7th				
		LOWEST SEA-LEVEL	29.091 20th				
TOTAL THIS MONTH	1189	AVG STATION	23.668				
DEPARTURE FROM NORMAL	-140						
SEASON TOTAL	3601						
DEPARTURE FROM NORMAL	-526						

NOTES:	16TH: AVERAGE WIND SPEED PARTIALLY ESTIMATED DUE TO 1 HOUR OF ERRONEOUS SPEEDS DURING LOW WINDS
	18TH: NEW DAILY RECORD HIGH OF 48°F; PREVIOUS RECORD OF 46°F SET IN 1958 AND TIED IN 1994
	19TH: NEW DAILY RECORD HIGH OF 49°F; PREVIOUS RECORD OF 45°F SET IN 1957 AND TIED IN 1985
	22ND: DAILY PRECIPITATION & SNOWFALL PARTIALLY ESTIMATED DUE TO EXCESSIVE SNOW IN CAN AT ONE COLLECTION FROM HIGH WINDS.
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 277 HOURS OF PREVAILING WINDS FROM THE W, 38% OF THE TOTAL HOURS OF THE MONTH.