

WS FORM F-6										STATION MOUNT WASHINGTON OBSERVATORY									
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MONTH APRIL				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	43	21	32	18	14	33	0	0.43	0.2	3	57.8	91	260 (W)	0	0	10	12346		
2	24	10	17	19	-2	48	0	0.22	1.3	2	38.6	78	260 (W)	10	1	10	1236		
3	10	-12	-1	19	-20	66	0	0.14	2.1	3	60.8	98	270 (W)	0	0	10	1269		
4	9	-12	-1	19	-20	66	0	0.14	4.7	3	35.0	82	270 (W)	95	12	10	126		
5	0	-9	-4	20	-24	69	0	0.00	0.0	4	40.7	73	270 (W)	769	97	3	1269		
6	17	-4	7	20	-13	58	0	0.21	1.8	3	29.5	72	210 (SW)	493	62	8	1269		
7	33	16	25	21	4	40	0	1.12	2.3	4	45.6	95	130 (SE)	0	0	10	12469		
8	25	3	14	21	-7	51	0	0.40	3.5	4	35.8	58	230 (SW)	0	0	10	1269		
9	11	-1	5	21	-16	60	0	0.03	0.3	6	34.9	62	270 (W)	489	61	6	1269		
10	12	-4	4	22	-18	61	0	0.00	0.0	6	43.2	84	290 (W)	804	100	3	1269		
11	33	9	21	22	-1	44	0	0.29	2.0	6	43.5	84	220 (SW)	0	0	10	12469		
12	35	13	24	23	1	41	0	0.50	0.6	6	48.9	84	280 (W)	0	0	10	1246		
13	19	9	14	23	-9	51	0	0.00	0.0	6	23.0	59	280 (W)	665	82	4	126		
14	24	14	19	23	-4	46	0	0.00	0.0	5	10.9	28	340 (N)	817	100	3			
15	27	16	22	24	-2	43	0	0.00	0.0	5	22.5	38	020 (N)	819	100	1			
16	38	22	30	24	6	35	0	0.00	0.0	5	17.5	38	050 (NE)	821	100	6			
17	45	33	39	25	14	26	0	0.00	0.0	4	22.3	48	290 (W)	826	100	5			
18	42	29	36	25	11	29	0	0.56	4.4	3	29.5	57	300 (NW)	325	39	10	126		
19	30	15	23	25	-2	42	0	0.89	4.1	9	36.7	88	310 (NW)	170	20	9	1269		
20	33	9	21	26	-5	44	0	0.00	0.0	6	28.6	65	320 (NW)	778	93	5	12		
21	42	30	36	26	10	29	0	0.00	0.0	6	29.5	51	260 (W)	810	97	3			
22	45	38	42	27	15	23	0	0.38	T	5	31.5	62	270 (W)	105	13	10	124		
23	39	14	27	27	0	38	0	0.00	0.0	2	32.6	70	310 (NW)	435	52	8	126		
24	22	11	17	27	-10	48	0	0.00	0.0	2	40.4	75	300 (NW)	844	100	1			
25	26	13	20	28	-8	45	0	0.00	0.0	2	38.5	71	250 (W)	816	96	5			
26	24	13	19	28	-9	46	0	0.68	5.7	3	30.0	57	310 (NW)	5	1	10	126		
27	19	8	14	29	-15	51	0	0.00	0.0	4	44.4	78	280 (W)	789	92	3	126		
28	20	5	13	29	-16	52	0	0.00	0.0	4	37.2	75	280 (W)	615	72	5	126		
29	31	17	24	29	-5	41	0	0.00	0.0	4	20.7	35	270 (W)	817	95	6			
30	37	24	31	30	1	34	0	0.00	0.0	3	16.1	34	250 (W)	862	100	4			
SUM	815	350	----	----	----	1360	0	5.99	33.0	----	1026.2	----	----	13979	----	198	----		
AVG	27.2	11.7	----	----	----	----	----	----	----	----	34.2	FASTEST	DIR	POSS	57%	6.6	----		
											MISC. ->	98	270 (W)	24607			----		

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	19.4	TOTAL FOR THE MONTH	5.99	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-4.5	DEPARTURE FROM NORMAL	-1.45			2 = FOG REDUCING VISIBILITY	
HIGHEST	45 on 17th, 22nd	24 HOUR MAX	1.43 on 18th/19th	CLEAR (SCALE 0-3)	7	TO 1/4 MILE OR LESS	
LOWEST	-12 on 3rd, 4th			PARTLY CLOUDY (SCALE 4-7)	9	3 = THUNDER	
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	14	4 = ICE PELLETS	
NUMBER OF DAYS WITH:				WITH .01" OR MORE PRECIP	14	5 = HAIL	
MAX. 32 OR BELOW	18	TOTAL FOR THE MONTH	33.0	WITH .10" OR MORE PRECIP	13	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	24 HOUR MAX	8.0 on 18th/19th	WITH .50" OR MORE PRECIP	5	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	28	MAX DEPTH ON GROUND	9 on 19th	WITH 1.0" OR MORE PRECIP	1	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	6					9 = BLOWING SNOW	
		PRESSURE DATA (IN.)				X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.645 on 16th				
		LOWEST SEA-LEVEL	29.243 on 3rd				
TOTAL THIS MONTH	1360	AVG STATION	23.651				
DEPARTURE FROM NORMAL	127						
SEASON TOTAL	11197						
DEPARTURE FROM NORMAL	-999						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

NOTES:	GREATEST SNOW DEPTH OF 9 INCHES OCCURRED AT 12Z AND 18Z ON THE 19TH
	1ST, 12TH: DAILY SNOWFALL PARTIALLY ESTIMATED DUE TO MELTING PRIOR TO ONE COLLECTION
	7TH, 22ND: DAILY SNOWFALL ESTIMATED DUE TO MELTING PRIOR TO CAN COLLECTION
	11TH: DAILY PRECIPITATION AND SNOWFALL PARTIALLY ESTIMATED DUE TO UNREASONABLY LOW AMOUNT IN CAN FROM HIGH WINDS
	19TH: DAILY PRECIPITATION AND SNOWFALL PARTIALLY ESTIMATED DUE TO EXCESSIVE SNOW IN CAN FROM BLOWING SNOW.

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 384 HOURS OF PREVAILING WINDS FROM THE W, 53% OF THE TOTAL HOURS OF THE MONTH.
0600	1200	1800	0000	MONTH	
77	78	78	73	76	