

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH OCTOBER				YEAR 2014			
LATITUDE 44 DEGREES 16 MINUTES NORTH					LONGITUDE 71 DEGREES 18 MINUTES WEST						GROUND ELEVATION (H) 6280 FT			STANDARD TIME EASTERN				
TEMPERATURE (°F)						DEGREE DAYS			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		TOTAL	% POSS			
												SPEED	DIR					
1	50	41	46	36	10	19	0	0.00	0.0	0	9.7	22	060 (NE)	80	11	9	12	
2	52	42	47	35	12	18	0	0.00	0.0	0	6.6	16	080 (E)	684	96	5	1	
3	51	43	47	35	12	18	0	0.02	0.0	0	16.6	48	140 (SE)	710	100	4	12	
4	46	38	42	34	8	23	0	0.59	0.0	0	38.2	72	140 (SE)	85	12	10	12	
5	44	25	35	34	1	30	0	T	0.0	0	24.3	44	290 (W)	131	19	9	126	
6	38	25	32	34	-2	33	0	0.00	0.0	0	25.5	58	190 (S)	638	91	3	12	
7	43	33	38	33	5	27	0	1.17	T	0	38.9	72	200 (S)	0	0	10	125*	
8	42	25	34	33	1	31	0	0.81	0.1	0	47.6	78	180 (S)	0	0	10	12345*6	
9	26	23	25	32	-7	40	0	0.06	0.5	T	56.7	97	300 (NW)	0	0	10	126	
10	27	20	24	32	-8	41	0	0.00	0.0	T	41.4	81	300 (NW)	35	5	10	126	
11	28	22	25	32	-7	40	0	0.00	0.0	T	25.2	49	300 (NW)	40	6	10	126	
12	40	22	31	31	0	34	0	0.00	0.0	T	24.3	56	310 (NW)	453	66	4	126	
13	47	35	41	31	10	24	0	0.01	0.0	T	28.2	53	250 (W)	354	52	6	12	
14	51	45	48	31	17	17	0	0.00	0.0	0	36.6	69	220 (SW)	320	47	9	12	
15	53	46	50	30	20	15	0	0.05	0.0	0	34.0	68	230 (SW)	173	26	9	12	
16	53	47	50	30	20	15	0	3.22	0.0	0	34.3	65	140 (SE)	0	0	10	12	
17	48	36	42	30	12	23	0	0.11	0.0	0	37.2	66	260 (W)	12	2	10	12	
18	40	26	33	29	4	32	0	0.34	0.0	0	35.3	62	300 (NW)	10	2	10	126	
19	27	13	20	29	-9	45	0	0.03	0.3	0	46.1	80	310 (NW)	0	0	10	126	
20	26	11	19	29	-10	46	0	0.00	0.0	T	41.9	73	300 (NW)	470	71	8	126	
21	33	25	29	28	1	36	0	0.48	2.4	T	24.2	40	100 (E)	0	0	10	1246	
22	34	29	32	28	4	33	0	0.35	0.9	2	53.7	88	080 (E)	0	0	10	1246	
23	36	31	34	28	6	31	0	0.67	T	1	51.5	80	080 (E)	0	0	10	1246	
24	39	26	33	28	5	32	0	0.10	0.0	1	30.3	64	020 (N)	10	2	10	126	
25	40	27	34	27	7	31	0	0.11	0.6	1	35.0	63	330 (NW)	513	80	8	1256	
26	30	21	26	27	-1	39	0	0.58	1.6	1	50.2	83	320 (NW)	0	0	10	12469	
27	33	22	28	27	1	37	0	0.11	0.4	2	58.9	81	320 (NW)	65	10	10	12469	
28	45	32	39	26	13	26	0	0.04	0.0	2	37.9	71	240 (SW)	5	1	10	12	
29	45	24	35	26	9	30	0	0.45	T	T	47.1	66	240 (SW)	0	0	10	126	
30	25	16	21	26	-5	44	0	0.09	0.3	T	34.0	60	300 (NW)	0	0	10	126	
31	25	17	21	26	-5	44	0	0.00	0.0	T	17.5	34	280 (W)	140	22	9	126	
SUM	1217	888	----	----	----	954	0	9.39	7.1	----	1088.9	----	----	4928	----	273	----	
AVG	39.3	28.6	----	----	----	----	----	----	----	----	35.1	FASTEST	DIR	POSS	%		----	
											MISC. ->	97	300 (NW)	20805	24%	8.8	----	

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	34.0	TOTAL FOR THE MONTH	9.39	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	3.8	DEPARTURE FROM NORMAL	0.12			2 = FOG REDUCING VISIBILITY	
HIGHEST	53 on 15th/16th	24 HOUR MAX	3.22 on 16th	CLEAR (SCALE 0-3)	1	TO 1/4 MILE OR LESS	
LOWEST	11 on 20th			PARTLY CLOUDY (SCALE 4-7)	4	3 = THUNDER	
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	26	4 = ICE PELLETS	
NUMBER OF DAYS WITH:				WITH .01" OR MORE PRECIP	21	5 = HAIL	
MAX. 32 OR BELOW	8	TOTAL FOR THE MONTH	7.1	WITH .10" OR MORE PRECIP	14	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	24 HOUR MAX	2.9 on 21st/22nd	WITH .50" OR MORE PRECIP	6	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	21	MAX DEPTH ON GROUND	2 on 22nd	WITH 1.0" OR MORE PRECIP	2	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	30.364 on 14th				
		LOWEST SEA-LEVEL	29.472 on 26th				
TOTAL THIS MONTH	954	AVG STATION	23.720				
DEPARTURE FROM NORMAL	-125						
SEASON TOTAL	2656						
DEPARTURE FROM NORMAL	-142						
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				
0600	1200	1800	0000	MONTH
88	90	95	90	91

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 216 HOURS OF PREVAILING WINDS FROM THE NW. 29% OF THE TOTAL HOURS OF THE MONTH.