

WS FORM F-6										STATION MOUNT WASHINGTON OBSERVATORY									
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MONTH SEPTEMBER					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.
							DEGREE DAYS		TOTAL (EQUIV)	SNOW & ICE	SNOW/ICE ON GROUND-7AM	AVG SPEED	FASTEST MILE		TOTAL	% POSS			
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL					SPEED	DIR						
1	58	50	54	46	8	11	0	0.00	0.0	0	23.6	50	280 (W)	245	30	10	12		
2	60	51	56	46	10	9	0	0.74	0.0	0	26.1	68	290 (W)	240	30	9	12		
3	54	42	48	46	2	17	0	0.49	0.0	0	48.1	75	300 (NW)	105	13	9	12		
4	55	43	49	46	3	16	0	0.00	0.0	0	32.0	50	270 (W)	605	76	6	12		
5	61	51	56	45	11	9	0	0.00	0.0	0	32.7	60	260 (W)	425	54	8	12		
6	57	40	49	45	4	16	0	0.71	0.0	0	46.1	71	310 (NW)	14	2	10	12		
7	43	32	38	45	-7	27	0	0.00	0.0	0	39.2	61	310 (NW)	530	67	6	12		
8	49	36	43	44	-1	22	0	0.00	0.0	0	14.3	44	320 (NW)	495	63	6	12		
9	48	38	43	44	-1	22	0	0.00	0.0	0	13.8	27	160 (S)	782	100	4	12		
10	51	39	45	44	1	20	0	0.00	0.0	0	12.6	31	180 (S)	450	58	6	12		
11	54	35	45	44	1	20	0	0.25	0.0	0	48.0	75	280 (W)	50	6	10	12		
12	45	34	40	43	-3	25	0	0.00	0.0	0	28.8	69	310 (NW)	774	100	1	12		
13	42	30	36	43	-7	29	0	0.36	T	0	27.2	66	290 (W)	80	10	10	1246		
14	44	24	34	42	-8	31	0	0.02	0.0	0	36.4	81	310 (NW)	744	97	3	126		
15	37	27	32	42	-10	33	0	T	0.0	0	20.0	38	340 (N)	597	78	5	12		
16	36	32	34	42	-8	31	0	0.09	T	0	29.0	48	280 (W)	15	2	10	124		
17	42	30	36	41	-5	29	0	0.00	0.0	0	19.5	50	280 (W)	330	44	8	126		
18	37	19	28	41	-13	37	0	0.10	0.0	0	43.1	63	300 (NW)	0	0	10	126		
19	37	14	26	41	-15	39	0	0.00	0.0	0	22.8	48	330 (NW)	753	100	4	126		
20	45	30	38	40	-2	27	0	0.00	0.0	0	49.5	70	260 (W)	0	0	10	126		
21	53	43	48	40	8	17	0	0.07	0.0	0	38.4	74	260 (W)	195	26	9	12		
22	50	24	37	39	-2	28	0	0.44	0.2	0	58.1	86	300 (NW)	0	0	10	126		
23	36	24	30	39	-9	35	0	0.01	0.1	T	50.5	74	310 (NW)	0	0	10	126		
24	48	32	40	39	1	25	0	0.00	0.0	0	9.9	40	320 (NW)	657	89	3	12		
25	52	40	46	38	8	19	0	0.00	0.0	0	8.6	29	020 (N)	654	89	9			
26	54	39	47	38	9	18	0	0.00	0.0	0	17.5	44	310 (NW)	645	88	4	12		
27	62	44	53	37	16	12	0	0.00	0.0	0	19.5	48	330 (NW)	728	100	0	12		
28	61	47	54	37	17	11	0	0.00	0.0	0	25.8	44	270 (W)	707	98	3	12		
29	53	43	48	36	12	17	0	T	0.0	0	9.8	26	300 (NW)	330	46	10	12		
30	52	41	47	36	11	18	0	0.00	0.0	0	8.3	19	050 (NE)	425	59	8	12		
SUM	1476	1074	----	----	----	670	0	3.28	0.3	----	859.2	----	----	11575	----	211	----		
AVG	49.2	35.8	----	----	----	----	----	----	----	----	28.6	FASTEST	DIR	POSS	%		----		
											MISC. ->	86	300 (NW)	22883	51%	7.0	----		

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	42.5	TOTAL FOR THE MONTH	3.28	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	0.9	DEPARTURE FROM NORMAL	-4.75			2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	62 on 27th	24 HOUR MAX	1.23 on 2nd/3rd	CLEAR (SCALE 0-3)	5	3 = THUNDER	
LOWEST	14 on 19th	SNOWFALL, ICE PELLETS (IN.)		PARTLY CLOUDY (SCALE 4-7)	8	4 = ICE PELLETS	
NUMBER OF DAYS WITH:				CLOUDY (SCALE 8-10)	17	5 = HAIL	
MAX. 32 OR BELOW	0	TOTAL FOR THE MONTH	0.3	WITH .01" OR MORE PRECIP	11	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	24 HOUR MAX	0.3 on 22nd/23rd	WITH .10" OR MORE PRECIP	7	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	12	MAX DEPTH ON GROUND	T on 22nd	WITH .50" OR MORE PRECIP	2	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 0 OR BELOW	0	PRESSURE DATA (IN.)		WITH 1.0" OR MORE PRECIP	0	8 = SMOKE OR HAZE	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.771 on 24th			9 = BLOWING SNOW	
		LOWEST SEA-LEVEL	29.623 on 22nd			X = TORNADO	
TOTAL THIS MONTH	670	AVG STATION	23.949				
DEPARTURE FROM NORMAL	-32						
SEASON TOTAL	1702						
DEPARTURE FROM NORMAL	-17						
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 HOURS OF PREVAILING WINDS FROM THE , % OF THE TOTAL HOURS OF THE MONTH.
0600	1200	1800	0000	MONTH	
74	78	75	83	78	

NOTES:			
13TH: SNOWFALL TOTAL ESTIMATED DUE TO MELTING PRIOR TO COLLECTION.			
16TH: DAILY SNOWFALL TOTAL PARTIALLY ESTIMATED DUE TO MELTING PRIOR TO TWO COLLECTIONS.			
18TH: DAILY RECORD LOW OF 19°F TIED; ORIGINAL RECORD SET IN 1990.			
19TH: NEW DAILY RECORD LOW OF 14°F; PREVIOUS RECORD OF 15°F SET IN 1979.			
27TH: NEW DAILY RECORD HIGH OF 62°F; PREVIOUS RECORD OF 60°F SET IN 1973.			
28TH: NEW DAILY RECORD HIGH OF 61°F; PREVIOUS RECORD OF 59°F SET IN 1999.			
29TH: PRECIPITATION TOTAL PARTIALLY ESTIMATED DUE TO UNREALISTICALLY HIGH AMOUNT AT ONE COLLECTION - SUSPECT TAMPERING			