

WS FORM F-6											STATION							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MOUNT WASHINGTON OBSERVATORY							
											MONTH				YEAR			
											SEPTEMBER				2017			
LATITUDE						LONGITUDE					GROUND ELEVATION (H)				STANDARD TIME			
44 DEGREES 16 MINUTES NORTH						71 DEGREES 18 MINUTES WEST					6280 FT				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		TOTAL	% POSS			
1	30	25	28	46	-18	37	0	T	T	T	57.8	94	310 (NW)	0	0	10	126	
2	46	26	36	46	-10	29	0	0.00	0.0	T	19.9	59	340 (N)	790	98	5	126	
3	42	34	38	46	-8	27	0	1.96	0.0	0	31.3	75	140 (SE)	25	3	10	12	
4	50	36	43	46	-3	22	0	0.63	0.0	0	52.0	92	300 (NW)	150	19	9	12	
5	53	45	49	45	4	16	0	0.45	0.0	0	48.3	84	260 (W)	0	0	10	123	
6	49	40	45	45	0	20	0	0.47	0.0	0	17.0	49	250 (W)	0	0	10	12	
7	49	36	43	45	-2	22	0	0.52	0.0	0	32.5	60	280 (W)	0	0	10	12	
8	40	34	37	44	-7	28	0	0.13	T	0	25.6	54	280 (W)	5	1	10	124	
9	41	33	37	44	-7	28	0	0.08	T	0	12.6	34	360 (N)	165	21	9	124	
10	39	33	36	44	-8	29	0	0.00	0.0	0	22.8	55	290 (W)	0	0	10	12	
11	54	37	46	44	2	19	0	0.00	0.0	0	33.5	60	330 (NW)	776	100	3	12	
12	53	43	48	43	5	17	0	0.00	0.0	0	46.4	72	300 (NW)	774	100	1	12	
13	61	43	52	43	9	13	0	0.00	0.0	0	23.2	53	320 (NW)	735	95	4	12	
14	60	51	56	42	14	9	0	0.00	0.0	0	9.3	25	290 (W)	85	11	9	12	
15	56	49	53	42	11	12	0	0.00	0.0	0	8.8	27	090 (E)	250	33	9	12	
16	61	49	55	42	13	10	0	0.00	0.0	0	10.1	27	330 (NW)	601	79	3	12	
17	61	50	56	41	15	9	0	0.00	0.0	0	7.3	17	270 (W)	390	51	6	12	
18	58	51	55	41	14	10	0	0.00	0.0	0	4.7	14	160 (S)	194	26	8	12	
19	60	49	55	41	14	10	0	0.01	0.0	0	10.5	25	120 (SE)	545	72	6	12	
20	52	46	49	40	9	16	0	0.00	0.0	0	27.7	46	060 (NE)	135	18	10	12	
21	53	44	49	40	9	16	0	0.00	0.0	0	27.3	47	060 (NE)	686	92	9	12	
22	56	47	52	39	13	13	0	0.00	0.0	0	24.3	48	070 (E)	624	84	6	12	
23	60	54	57	39	18	8	0	0.00	0.0	0	16.4	40	320 (NW)	638	86	6	12	
24	65	54	60	39	21	5	0	0.00	0.0	0	19.5	39	310 (NW)	662	90	3	12	
25	64	56	60	38	22	5	0	0.00	0.0	0	5.9	16	290 (W)	400	54	8	12	
26	67	57	62	38	24	3	0	0.00	0.0	0	6.1	22	210 (SW)	525	72	9	12	
27	62	53	58	37	21	7	0	0.00	0.0	0	28.8	71	270 (W)	613	84	5	12	
28	54	25	40	37	3	25	0	0.00	0.0	0	51.4	73	280 (W)	0	0	10	126	
29	37	24	31	36	-5	34	0	0.00	0.0	0*	22.5	63	310 (NW)	600	83	4	126	
30	33	25	29	36	-7	36	0	0.06	0.3	T	15.6	41	300 (NW)	5	1	10	126	
SUM	1566	1249	----	----	----	535	0	4.31	0.3	----	719.1	----	----	10373	----	222	----	
AVG	52.2	41.6	----	----	----	----	----	----	----	----	24.0	FASTEST	DIR	POSS	45%	7.4	----	
											MISC. ->	94	310 (NW)	22883				
TEMPERATURE DATA (°F)				PRECIPITATION DATA (IN.)				WEATHER				SYMBOLS USED IN COLUMN 16						
AVERAGE MONTHLY				46.9				TOTAL FOR THE MONTH				4.31						
DEPARTURE FROM NORMAL				5.3				DEPARTURE FROM NORMAL				-3.72						
HIGHEST				67 on 26th				24 HOUR MAX				2.54 on 3rd/4th						
LOWEST				24 on 29th				SNOWFALL, ICE PELLETS (IN.)										
NUMBER OF DAYS WITH:								TOTAL FOR THE MONTH				0.3						
MAX. 32 OR BELOW				1				24 HOUR MAX				0.3 on 30th						
MAX. 90 OR ABOVE				0				MAX DEPTH ON GROUND				T on 1st, 2nd, 30th						
MIN. 32 OR BELOW				5				PRESSURE DATA (IN.)										
MIN. 0 OR BELOW				0				HIGHEST SEA-LEVEL				30.542 on 11th						
HEATING DEGREE DAYS (BASE 65°F)								LOWEST SEA-LEVEL				29.822 on 3rd						
TOTAL THIS MONTH				535				AVG STATION				23.936						
DEPARTURE FROM NORMAL				-167				NOTES:										
SEASON TOTAL				1597				14TH: DAILY RECORD HIGH OF 60°F EQUALED; RECORD ORIGINALLY SET IN 1993.										
DEPARTURE FROM NORMAL				-122				24TH: NEW DAILY RECORD HIGH OF 65°F; PREVIOUS RECORD OF 62°F SET IN 1961.										
COOLING DEGREE DAYS (BASE 65°F)								25TH: NEW DAILY RECORD HIGH OF 64°F; PREVIOUS RECORD OF 62°F SET IN 2007.										
TOTAL THIS MONTH				0				26TH: NEW DAILY RECORD HIGH OF 67°F; PREVIOUS RECORD OF 59°F SET IN 1961.										
DEPARTURE FROM NORMAL				0				27TH: DAILY RECORD HIGH OF 62°F EQUALED; RECORD ORIGINALLY SET IN 2014.										
SEASON TOTAL				0				29TH: RIME ICE THICK ENOUGH TO CAUSE THE APPEARANCE OF A TRACE OF SNOW DEPTH										
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 198 HOURS OF PREVAILING WINDS FROM THE NW, 28% OF THE TOTAL HOURS OF THE MONTH.						
								0600				MONTH						
								78				82						
								79				83						
								87				82						