

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY										
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH MAY				YEAR 2007						
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-6AM	AVG SPEED	FASTEST MILE		TOTAL	% POSS	(TENTHS)		
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	(EQUIV)	ICE	GROUND-6AM	SPEED	SPEED	DIR	TOTAL	% POSS	(TENTHS)	WEATHER OCCUR.				
1	27	18	23	30	-7	42	0	0.00	0.0	4	48.1	85	NW	620	72	7	1269				
2	28	19	24	30	-6	41	0	0.01	0.2	3	35.1	86	N	345	40	8	1269				
3	26	15	21	30	-9	44	0	0.00	0.0	3	53.3	90	N	643	74	3	12				
4	29	16	23	31	-8	42	0	0.00	0.0	3	52.9	113	N	818	94	2	126				
5	28	16	22	31	-9	43	0	0.03	0.4	3	31.3	70	NW	485	55	8	126				
6	35	15	25	32	-7	40	0	0.01	0.2	3	24.3	47	NE	700	80	4	1269				
7	45	31	38	32	6	27	0	0.00	0.0	3	25.0	57	W	850	97	9					
8	53	40	47	32	15	18	0	0.00	0.0	2	44.3	64	W	588	67	8					
9	59	44	52	33	19	13	0	0.00	0.0	2	21.6	58	NW	620	70	8					
10	59	47	53	33	20	12	0	0.00	0.0	0	17.3	31	S	250	28	9	12				
11	48	33	41	34	7	24	0	0.16	0.0	0	30.9	61	NW	10	1	10	12				
12	42	23	33	34	-1	32	0	0.00	0.0	0	20.3	53	NW	754	85	6					
13	31	20	26	35	-9	39	0	0.00	0.0	0	38.9	79	N	894	100	2					
14	41	22	32	35	-3	33	0	0.00	0.0	0	39.5	71	NW	715	80	6					
15	46	31	39	35	4	26	0	0.70	0.0	0	50.4	84	W	0	0	10	126				
16	45	27	36	36	0	29	0	0.94	0.0	0	26.2	69	SW	0	0	10	126				
17	33	25	29	36	-7	36	0	0.09	0.1	0	15.8	39	W	205	23	9	1246				
18	35	25	30	37	-7	35	0	0.09	T	0	10.7	24	SE	0	0	10	1246				
19	43	33	38	37	1	27	0	0.25	0.0	0	24.1	45	E	0	0	10	12				
20	41	22	32	37	-5	33	0	1.77	0.8	0	29.5	66	NW	0	0	10	1246				
21	30	22	26	38	-12	39	0	T	T	1	43.6	77	NW	150	16	9	126				
22	38	25	32	38	-6	33	0	0.00	0.0	1	17.5	43	W	905	99	4					
23	49	34	42	38	4	23	0	0.00	0.0	0	24.3	41	W	370	40	7					
24	60	44	52	39	13	13	0	0.00	0.0	0	33.3	54	NW	796	87	4					
25	61	47	54	39	15	11	0	0.00	0.0	0	35.8	62	W	580	63	4					
26	51	36	44	39	5	21	0	0.00	0.0	0	45.7	69	W	407	44	8	12				
27	49	36	43	40	3	22	0	0.17	0.0	0	30.9	69	W	45	5	9	12				
28	48	34	41	40	1	24	0	0.21	0.0	0	51.3	77	NW	80	9	9	12				
29	43	32	38	40	-2	27	0	0.12	0.0	0	42.9	89	N	420	45	9	12				
30	49	37	43	40	3	22	0	0.18	0.0	0	32.0	62	NW	226	24	8	12				
31	50	44	47	41	6	18	0	0.41	0.0	0	19.4	43	NW	0	0	10	12				
SUM	1322	913	----	----	----	889	0	5.14	1.7	----	1016.2	----	----	12476	----	230	----				
AVG	42.6	29.5	----	----	----	----	----	----	----	----	32.8	FASTEST	DIR	POSS	%	7.4	----				
											MISC. ->	113	N	27878	45%						
TEMPERATURE DATA (°F)				PRECIPITATION DATA (IN.)				WEATHER				SYMBOLS USED IN COLUMN 16									
AVERAGE MONTHLY				36.1				TOTAL FOR THE MONTH				5.14									
DEPARTURE FROM NORMAL				0.5				DEPARTURE FROM NORMAL				-3.07									
HIGHEST				61 on 25th				24 HOUR MAX				1.79 on 19th/20th									
LOWEST				15 on 3rd, 6th				SNOWFALL, ICE PELLETS (IN.)				CLOUDY (SCALE 8-10)									
NUMBER OF DAYS WITH:								TOTAL FOR THE MONTH				1.7									
MAX. 32 OR BELOW				7				24 HOUR MAX				0.8 on 20th									
MAX. 90 OR ABOVE				0				MAX DEPTH ON GROUND				4 on 1st									
MIN. 32 OR BELOW				18								WITH .10" OR MORE PRECIP									
MIN. 0 OR BELOW				0				PRESSURE DATA (IN.)				WITH .50" OR MORE PRECIP									
HEATING DEGREE DAYS (BASE 65°F)								HIGHEST SEA-LEVEL				30.553 on 24th									
								LOWEST SEA-LEVEL				29.724 on 20th									
TOTAL THIS MONTH				889				AVG STATION				23.874									
DEPARTURE FROM NORMAL				-24																	
SEASON TOTAL				12849																	
DEPARTURE FROM NORMAL				-309																	
COOLING DEGREE DAYS (BASE 65°F)																					
TOTAL THIS MONTH				0																	
DEPARTURE FROM NORMAL				0																	
SEASON TOTAL				0																	
DEPARTURE FROM NORMAL				0																	
											NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER.										
											THERE WERE 299 HOURS OF PREVAILING WINDS FROM THE NW, 40% OF THE TOTAL HOURS OF THE MONTH.										