

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY										
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH JUNE			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 SPEED	DIR	TOTAL	% POSS	(TENTHS)		
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	(EQUIV)	ICE	GROUND-6AM	SPEED	SPEED	DIR	TOTAL	% POSS	(TENTHS)	WEATHER				
1	51	45	48	41	7	17	0	0.44	0.0	0	55.3	83	NW	0	0	10	12				
2	53	46	50	41	9	15	0	0.34	0.0	0	30.9	59	NW	0	0	10	12				
3	57	43	50	42	8	15	0	0.02	0.0	0	18.6	37	SE	95	10	9	12				
4	50	40	45	42	3	20	0	2.18	0.0	0	43.8	75	SE	0	0	10	12				
5	52	35	44	42	2	21	0	0.33	0.0	0	35.8	61	NW	10	1	10	123				
6	40	26	33	42	-9	32	0	0.00	0.0	0	36.4	66	NW	595	64	7	126				
7	45	25	35	43	-8	30	0	T	0.0	0	36.9	69	N	265	28	7	126				
8	63	42	53	43	10	12	0	0.00	0.0	0	26.9	48	NW	910	97	5	12				
9	59	49	54	43	11	11	0	0.15	0.0	0	14.8	50	NW	75	8	10	12				
10	53	43	48	43	5	17	0	0.10	0.0	0	14.0	37	E	455	48	9	12				
11	56	45	51	44	7	14	0	0.40	0.0	0	25.1	45	NE	285	30	8	12				
12	53	46	50	44	6	15	0	0.01	0.0	0	26.8	46	NE	305	32	9	12				
13	46	35	41	44	-3	24	0	0.00	0.0	0	23.8	53	E	215	23	8	12				
14	48	35	42	44	-2	23	0	0.00	0.0	0	26.8	53	NE	636	68	5	12				
15	58	41	50	44	6	15	0	0.00	0.0	0	12.6	28	E	861	91	5					
16	56	44	50	45	5	15	0	0.00	0.0	0	12.6	36	NW	431	46	7	12				
17	52	37	45	45	0	20	0	0.07	0.0	0	33.6	66	NW	25	3	10	123				
18	51	38	45	45	0	20	0	0.00	0.0	0	20.6	46	N	600	64	6					
19	62	45	54	45	9	11	0	0.00	0.0	0	22.8	52	W	525	56	6	12				
20	54	40	47	45	2	18	0	0.41	0.0	0	37.4	67	NW	0	0	10	12				
21	44	37	41	46	-5	24	0	0.05	0.0	0	40.5	72	NW	50	5	10	12				
22	38	31	35	46	-11	30	0	0.68	0.3	0	41.0	89	N	0	0	10	124				
23	35	30	33	46	-13	32	0	0.00	0.0	0	51.2	87	N	0	0	10	126				
24	45	31	38	46	-8	27	0	0.00	0.0	0	41.9	59	NW	465	49	7	126				
25	52	43	48	46	2	17	0	0.26	0.0	0	38.6	62	NW	10	1	10	12				
26	63	48	56	47	9	9	0	0.00	0.0	0	45.7	67	NW	530	56	7	12				
27	64	52	58	47	11	7	0	0.00	0.0	0	41.5	66	W	70	7	10	12				
28	58	36	47	47	0	18	0	0.47	0.0	0	43.1	83	W	40	4	10	12				
29	45	33	39	47	-8	26	0	0.00	0.0	0	32.1	54	NW	794	84	5	12				
30	38	31	35	47	-12	30	0	0.00	0.0	0	44.1	80	NW	60	6	10	12				
SUM	1541	1172	----	----	----	585	0	5.91	0.3	----	975.2	----	----	8307	----	250	----				
AVG	51.4	39.1	----	----	----	----	----	----	----	----	32.5	FASTEST	DIR	POSS %			----				
											MISC. ->	89	N	28193	29%	8.3	----				

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	45.3	TOTAL FOR THE MONTH	5.91	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	0.9	DEPARTURE FROM NORMAL	-2.45			2 = FOG REDUCING VISIBILITY	
HIGHEST	64 on 27th	24 HOUR MAX	2.22 on 4th/5th	CLEAR (SCALE 0-3)	0	TO 1/4 MILE OR LESS	
LOWEST	25 on 7th			PARTLY CLOUDY (SCALE 4-7)	11	3 = THUNDER	
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	19	4 = ICE PELLETS	
NUMBER OF DAYS WITH:						5 = HAIL	
		TOTAL FOR THE MONTH	0.3	WITH .01" OR MORE PRECIP	15	6 = GLAZE OR RIME	
MAX. 32 OR BELOW	0	24 HOUR MAX	0.3 on 22nd	WITH .10" OR MORE PRECIP	11	7 = BLOWING DUST OR SAND	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	0.0	WITH .50" OR MORE PRECIP	2	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	6			WITH 1.0" OR MORE PRECIP	1	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	0	PRESSURE DATA (IN.)				9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.398 on 26th				
		LOWEST SEA-LEVEL	29.503 on 5th				
TOTAL THIS MONTH	585	AVG STATION	23.848				
DEPARTURE FROM NORMAL	-33						
SEASON TOTAL	13434						
DEPARTURE FROM NORMAL	-342						
COOLING DEGREE DAYS (BASE 65F)							
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
87	85	89	92	89

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER.
THERE WERE 320 HOURS OF PREVAILING WINDS FROM THE NW, 44% OF THE TOTAL HOURS OF THE MONTH.