

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH JUNE				YEAR 2008			
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.	
DAY	MAX	MIN	AVG	NORM	DEPART	DEGREE DAYS HEAT	COOL	TOTAL (EQUIV)	SNOW & ICE	SNOW/ICE ON GROUND-6AM	AVG SPEED	FASTEST MILE SPEED	DIR	TOTAL	% POSS			
1	45	35	40	41	-1	25	0	0.55	0.0	T	39.9	66	W	0	0	10	12	
2	42	35	39	41	-2	26	0	0.51	0.0	0	31.6	53	W	22	2	10	12	
3	43	38	41	42	-1	24	0	0.34	0.0	0	30.9	61	W	15	2	10	12	
4	46	39	43	42	1	22	0	0.11	0.0	0	18.5	36	SW	0	0	10	12	
5	47	40	44	42	2	21	0	0.00	0.0	0	13.5	26	E	30	3	10	12	
6	57	39	48	42	6	17	0	0.41	0.0	0	33.0	61	W	0	0	10	12	
7	61	51	56	43	13	9	0	T	0.0	0	45.6	66	W	155	17	9	12	
8	64	50	57	43	14	8	0	0.07	0.0	0	31.3	52	W	510	54	8	12	
9	59	55	57	43	14	8	0	0.00	0.0	0	27.0	48	W	37	4	10	12	
10	69	50	60	43	17	5	0	2.03	0.3	0	32.8	84	W	420	45	7	1235	
11	50	38	44	44	0	21	0	0.07	0.0	0	49.3	74	W	139	15	9	12	
12	48	33	41	44	-3	24	0	0.00	0.0	0	38.9	76	W	565	60	5	12	
13	61	43	52	44	8	13	0	0.00	0.0	0	14.8	34	NW	942	100	4		
14	66	53	60	44	16	5	0	0.47	0.0	0	11.9	28	W	596	63	8	12	
15	54	45	50	44	6	15	0	0.63	0.0	0	20.0	39	NW	10	1	10	12	
16	51	42	47	45	2	18	0	T	0.0	0	18.3	39	SW	100	11	9	12	
17	50	37	44	45	-1	21	0	0.81	T	0	12.1	29	W	150	16	10	1235*	
18	46	36	41	45	-4	24	0	0.06	T	0	9.7	22	S	215	23	9	125*	
19	44	36	40	45	-5	25	0	0.27	T	0	17.6	33	SW	9	1	10	1245*	
20	50	36	43	45	-2	22	0	0.20	T	0	19.2	39	W	210	22	9	1235*	
21	50	38	44	46	-2	21	0	0.00	0.0	0	21.5	41	W	137	15	9	12	
22	50	45	48	46	2	17	0	1.04	0.0	0	25.0	41	SW	90	10	10	123	
23	50	42	46	46	0	19	0	0.19	0.0	0	25.4	44	S	127	13	10	12	
24	51	38	45	46	-1	20	0	0.35	T	0	34.7	68	W	35	4	10	1235*	
25	51	37	44	46	-2	21	0	0.00	0.0	0	37.0	68	N	600	64	8	12	
26	51	43	47	47	0	18	0	0.01	0.0	0	33.4	53	W	160	17	9	12	
27	58	49	54	47	7	11	0	0.06	0.0	0	18.6	44	W	180	19	9	123	
28	59	49	54	47	7	11	0	0.21	0.0	0	18.6	44	S	228	24	9	12	
29	58	50	54	47	7	11	0	1.59	0.0	0	26.9	48	SW	225	24	9	123	
30	54	46	50	47	3	15	0	0.02	0.0	0	26.5	45	W	6	1	10	123	
SUM	1585	1268	----	----	----	517	0	10.00	0.3	----	783.5	----	----	5913	----	270	----	
AVG	52.8	42.3	----	----	----	----	----	----	----	----	26.1	FASTEST	DIR	POSS			----	
											MISC. ->	84	W	28193	21%	9.0	----	

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	47.6	TOTAL FOR THE MONTH	10.00	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	3.2	DEPARTURE FROM NORMAL	1.64			2 = FOG REDUCING VISIBILITY	
HIGHEST	69 on 10th	24 HOUR MAX	2.10 on 10/11th	CLEAR (SCALE 0-3)	0	TO 1/4 MILE OR LESS	
LOWEST	33 on 12th	SNOWFALL, ICE PELLETS (IN.)		PARTLY CLOUDY (SCALE 4-7)	3	3 = THUNDER	
NUMBER OF DAYS WITH:				CLOUDY (SCALE 8-10)	27	4 = ICE PELLETS	
		TOTAL FOR THE MONTH	0.3	WITH .01" OR MORE PRECIP	22	5 = HAIL	
MAX. 32 OR BELOW	0	24 HOUR MAX	0.3 on 10th	WITH .10" OR MORE PRECIP	16	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	T on 1st	WITH .50" OR MORE PRECIP	7	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	0			WITH 1.0" OR MORE PRECIP	3	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 0 OR BELOW	0	PRESSURE DATA (IN.)				8 = SMOKE OR HAZE	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.461 on 13th			9 = BLOWING SNOW	
		LOWEST SEA-LEVEL	29.682 on 1st			X = TORNADO	
TOTAL THIS MONTH	517	AVG STATION	23.8380				
DEPARTURE FROM NORMAL	-101						
SEASON TOTAL	13292						
DEPARTURE FROM NORMAL	-484						
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
94	90	92	93	92

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 406 HOURS OF PREVAILING WINDS FROM THE W 55% OF THE TOTAL HOURS OF THE MONTH.