

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY							
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH AUGUST				YEAR 2006			
LATITUDE 44 DEGREES 16 MINUTES NORTH					LONGITUDE 71 DEGREES 18 MINUTES WEST						GROUND ELEVATION 6280 FT				STANDARD TIME 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-6AM	AVG SPEED	FASTEST SPEED	DIR	TOTAL	% POSS			
1	65	56	61	49	12	4	0	1.50	0.0	0	47.3	82	NW	0	0	10	123	
2	64	56	60	49	11	5	0	1.49	0.0	0	57.0	97	W	0	0	10	123	
3	60	47	54	49	5	11	0	1.16	0.0	0	30.2	77	W	20	2	10	12	
4	58	45	52	49	3	13	0	0.18	0.0	0	22.8	66	NW	145	16	8	12	
5	49	39	44	49	-5	21	0	0.00	0.0	0	33.3	54	NW	350	40	9	12	
6	57	39	48	49	-1	17	0	0.00	0.0	0	15.7	52	W	824	94	4	12	
7	57	49	53	49	4	12	0	0.59	0.0	0	38.9	67	W	15	2	10	123	
8	50	39	45	49	-4	20	0	0.00	0.0	0	35.5	62	NW	20	2	10	12	
9	53	39	46	49	-3	19	0	0.00	0.0	0	27.4	52	W	821	94	3		
10	48	35	42	49	-7	23	0	0.58	0.0	0	37.5	68	NW	0	0	10	12	
11	40	31	36	49	-13	29	0	T	0.0	0	35.2	70	N	250	29	8	12	
12	37	31	34	48	-14	31	0	T	T	0	49.4	69	NW	15	2	10	126	
13	40	32	36	48	-12	29	0	0.00	0.0	0	50.9	73	NW	65	8	9	12	
14	52	39	46	48	-2	19	0	0.02	0.0	0	35.3	65	W	175	20	9	12	
15	52	44	48	48	0	17	0	0.33	0.0	0	44.2	67	W	60	7	9	12	
16	51	42	47	48	-1	18	0	0.00	0.0	0	30.2	53	N	25	3	10	12	
17	55	41	48	48	0	17	0	0.00	0.0	0	11.7	46	N	746	88	4	12	
18	58	46	52	47	5	13	0	0.00	0.0	0	18.1	48	NW	145	17	9	12	
19	57	47	52	47	5	13	0	0.06	0.0	0	24.0	46	NW, W	40	5	10	12	
20	52	45	49	47	2	16	0	1.24	0.0	0	18.8	44	S	0	0	10	12	
21	51	41	46	47	-1	19	0	0.56	0.0	0	22.5	46	N	60	7	9	12	
22	50	39	45	47	-2	20	0	0.00	0.0	0	38.5	64	NW	15	2	9	12	
23	41	34	38	47	-9	27	0	0.00	0.0	0	37.9	68	NW	45	5	10	12	
24	42	32	37	46	-9	28	0	T	0.0	0	22.2	43	NW	125	15	9	12	
25	43	36	40	46	-6	25	0	0.00	0.0	0	11.0	27	NW	20	2	10	12	
26	50	36	43	46	-3	22	0	0.00	0.0	0	7.1	22	SW	115	14	9	12	
27	47	36	42	46	-4	23	0	0.56	0.0	0	24.1	52	W	5	1	10	12	
28	55	45	50	46	4	15	0	0.15	0.0	0	16.8	38	W	30	4	9	12	
29	52	43	48	45	3	17	0	T	0.0	0	15.9	29	NW	0	0	10	12	
30	48	34	41	45	-4	24	0	0.00	0.0	0	27.7	59	NW	266	33	7	12	
31	47	36	42	45	-3	23	0	0.00	0.0	0	29.9	61	N	645	80	5	12	
SUM	1581	1254	----	----	----	590	0	8.42	T	----	917.0	----	----	5042	----	269	----	
AVG	51.0	40.5	----	----	----	----	----	----	----	----	29.6	FASTEST	DIR	POSS	%	SKY	----	
											MISC-->	97	W	26399	19%	8.7	----	
TEMPERATURE DATA (°F)						PRECIPITATION DATA (IN.)					WEATHER				SYMBOLS USED IN COLUMN 16			
AVERAGE MONTHLY		45.8		TOTAL FOR THE MONTH		8.42		NUMBER OF DAYS:		1 = FOG		2 = FOG REDUCING VISIBILITY						
DEPARTURE FROM NORMAL		-1.8		DEPARTURE FROM NORMAL		0.34		CLEAR (SCALE 0-3)		1		TO 1/4 MILE OR LESS						
HIGHEST		65 1st		24 HOUR MAX		2.01 1st, 2nd		PARTLY CLOUDY (SCALE 4-7)		4		3 = THUNDER						
LOWEST		31 11th, 12th		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)		26		4 = ICE PELLETS		5 = HAIL						
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH		T		WITH .01" OR MORE PRECIP		13		6 = GLAZE OR RIME		7 = BLOWING DUST OR SAND						
MAX. 32 OR BELOW		0		24 HOUR MAX		T 12th		WITH .10" OR MORE PRECIP		11		RED. VIS. TO 1/2 MILE OR LESS						
MAX. 90 OR ABOVE		0		MAX DEPTH ON GROUND		0		WITH .50" OR MORE PRECIP		8		8 = SMOKE OR HAZE						
MIN. 32 OR BELOW		4		PRESSURE DATA (IN.)		WITH 1.0" OR MORE PRECIP		4		9 = BLOWING SNOW		X = TORNADO						
MIN. 0 OR BELOW		0		HIGHEST SEA-LEVEL		30.475 31st		TOTAL THIS MONTH		590		DEPARTURE FROM NORMAL		49				
HEATING DEGREE DAYS (BASE 65°F)		TOTAL THIS MONTH		590		LOWEST SEA-LEVEL		29.900 15th		SEASON TOTAL		960		DEPARTURE FROM NORMAL		-86		
TOTAL THIS MONTH		590		AVG STATION		23.895		NOTES:										
DEPARTURE FROM NORMAL		49																
SEASON TOTAL		960																
DEPARTURE FROM NORMAL		-86																
COOLING DEGREE DAYS (BASE 65°F)		TOTAL THIS MONTH		0		AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR		NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE										
TOTAL THIS MONTH		0		0600		1200		1800		0000		MONTH						
DEPARTURE FROM NORMAL		0		94		87		95		94		93						
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 ARE 382 HOURS OF PREVAILING WINDS FROM THE NW, 51% OF THE TOTAL HOURS OF THE MONTH.