

WS FORM F-6										STATION MOUNT WASHINGTON OBSERVATORY									
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MONTH JUNE					YEAR 2006				
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	SNOW & ICE	SNOW/ICE ON GROUND-6AM	AVG SPEED	FASTEST MILE	DIR	TOTAL	% POSS		
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	(EQUIV)	ICE		SPEED	SPEED	DIR						
1	55	50	53	41	12	12	0	0.08	0.0	0	30.2	50	W	0	0	10	12		
2	53	43	48	41	7	17	0	0.06	0.0	0	10.5	44	E	15	2	10	12		
3	44	34	39	42	-3	26	0	1.50	0.0	0	45.2	74	E	0	0	10	12		
4	42	34	38	42	-4	27	0	0.14	0.0	0	29.0	64	E	0	0	10	12		
5	43	36	40	42	-2	25	0	0.10	0.0	0	19.8	42	NE	141	15	9	12		
6	49	40	45	42	3	20	0	0.00	0.0	0	23.2	37	E	935	100	8			
7	45	34	40	43	-3	25	0	0.53	T	0	42.6	86	E	0	0	10	12		
8	44	37	41	43	-2	24	0	0.60	0.0	0	27.2	81	E	0	0	10	12		
9	46	37	42	43	-1	23	0	0.35	0.0	0	14.3	35	SE	0	0	10	12		
10	43	32	38	43	-5	27	0	2.29	0.0	0	24.2	57	NW	0	0	10	12		
11	44	34	39	44	-5	26	0	0.51	0.0	0	46.5	76	NW	0	0	10	12		
12	49	39	44	44	0	21	0	0.00	0.0	0	23.4	76	NW	355	38	7	12		
13	54	42	48	44	4	17	0	0.08	0.0	0	10.5	33	NW	286	30	8	12		
14	51	41	46	44	2	19	0	0.39	0.0	0	10.1	28	NE	0	0	10	12		
15	45	38	42	44	-2	23	0	0.04	0.0	0	38.4	65	NW	330	35	9	12		
16	54	40	47	45	2	18	0	T	0.0	0	33.3	66	NW	753	80	6	12		
17	62	46	54	45	9	11	0	0.00	0.0	0	19.6	42	NW	600	64	8	12		
18	70	54	62	45	17	3	0	0.00	0.0	0	25.2	51	W	570	60	7	12		
19	63	48	56	45	11	9	0	0.77	0.0	0	34.0	70	W	285	30	8	123		
20	57	39	48	45	3	17	0	1.13	T**	0	33.2	68	W	170	18	9	1235		
21	54	34	44	46	-2	21	0	0.00	0.0	0	26.4	56	NW	678	72	6	12		
22	55	45	50	46	4	15	0	T	0.0	0	33.1	50	W	85	9	9	12		
23	56	48	52	46	6	13	0	0.22	0.0	0	23.3	61	W	5	1	10	123		
24	56	46	51	46	5	14	0	0.17	0.0	0	9.6	24	W	129	14	9	12		
25	59	45	52	46	6	13	0	0.02	0.0	0	9.4	24	W	309	33	8	12		
26	55	44	50	47	3	15	0	2.09	0.0	0	19.6	54	S	0	0	10	12		
27	57	47	52	47	5	13	0	0.13	0.0	0	34.1	56	S	50	5	10	12		
28	56	44	50	47	3	15	0	0.96	0.0	0	29.0	57	S	5	1	10	12		
29	60	47	54	47	7	11	0	0.18	T**	0	16.0	33	SW	55	6	9	125		
30	49	39	44	47	-3	21	0	0.48	T**	0	30.5	67	W	65	7	10	1235		
SUM	1570	1237	----	----	----	541	0	12.82	T	----	771.4	----	----	5821	----	270	----		
AVG	52.3	41.2	----	----	----	----	----	----	----	----	25.7	FASTEST	DIR	POSS %			----		
											MISC. ->	86	E	28193	21%	9.0	----		

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	46.8	TOTAL FOR THE MONTH	12.82	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	2.4	DEPARTURE FROM NORMAL	4.46	CLEAR (SCALE 0-3)	0	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	70 on 18th	24 HOUR MAX	2.29 on 10th	PARTLY CLOUDY (SCALE 4-7)	4	3 = THUNDER	
LOWEST	32 on 10th	SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	26	4 = ICE PELLETS	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	Trace	WITH .01" OR MORE PRECIP	23	5 = HAIL	
MAX. 32 OR BELOW	0	24 HOUR MAX	Trace on 7,20,29,30	WITH .10" OR MORE PRECIP	18	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	0.0	WITH .50" OR MORE PRECIP	9	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	1			WITH 1.0" OR MORE PRECIP	4	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	0	PRESSURE DATA (IN.)				9 = BLOWING SNOW	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.426 on 27th			X = TORNADO	
TOTAL THIS MONTH	541	LOWEST SEA-LEVEL	29.437 on 10th				
DEPARTURE FROM NORMAL	-77	AVG STATION	23.8550				
SEASON TOTAL	12820	NOTES: 18th: New daily record high of 70F. Old record of 68F set in 1957.					
DEPARTURE FROM NORMAL	-956	** Fell as hail.					
COOLING DEGREE DAYS (BASE 65F)							
TOTAL THIS MONTH	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.	
DEPARTURE FROM NORMAL	0	0600	1200	1800	0000	MONTH	
SEASON TOTAL	0	92	86	90	91	90	THERE WERE 204 HOURS OF PREVAILING WINDS FROM THE WEST
DEPARTURE FROM NORMAL	0	28% OF THE TOTAL HOURS OF THE MONTH.					