

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY																					
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH OCTOBER			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		TOTAL	% POSS	(TENTHS)													
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	(EQUIV)	ICE	GROUND-6AM	SPEED	SPEED	DIR	TOTAL	% POSS	(TENTHS)	WEATHER OCCUR.															
1	34	27	31	35	-4	34	0	0.23	0.6	0	37.9	77	SE	0	0	10	1246															
2	35	30	33	35	-2	32	0	0.68	0.0	0	42.3	77	NW	0	0	10	126															
3	46	29	38	35	3	27	0	T	0.0	0	42.7	60	NW	125	18	9	12															
4	49	31	40	34	6	25	0	0.90	0.0	0	34.9	76	W	130	18	9	12															
5	32	21	27	34	-7	38	0	T	0.0	0	26.0	69	NW	420	60	4	126															
6	37	22	30	33	-3	35	0	0.00	0.0	0	9.1	23	N	683	97	6																
7	48	35	42	33	9	23	0	0.00	0.0	0	7.6	23	NW	699	100	1																
8	54	41	48	33	15	17	0	0.00	0.0	0	16.7	29	NW	695	100	3																
9	57	40	49	32	17	16	0	0.00	0.0	0	31.5	61	NW	509	74	6	12															
10	43	36	40	32	8	25	0	0.01	0.0	0	16.6	42	NW	175	25	9	12															
11	40	33	37	32	5	28	0	0.49	0.0	0	37.7	67	SE	0	0	10	12															
12	49	26	38	31	7	27	0	1.74	T	0	31.2	66	SE	10	1	10	1246															
13	29	15	22	31	-9	43	0	0.03	0.1	T	23.7	60	W	661	97	2	1269															
14	30	18	24	31	-7	41	0	0.06	0.5	0	27.4	53	NW	638	94	4	1269															
15	22	15	19	30	-11	46	0	0.09	0.5	T	40.1	63	NW	120	18	9	1269															
16	30	19	25	30	-5	40	0	0.03	0.8	1	24.2	43	NW	471	70	5	126															
17	34	22	28	30	-2	37	0	0.53	1.5	T	32.7	75	S	23	3	10	12469															
18	39	29	34	29	5	31	0	0.62	T	1	46.1	64	S	0	0	10	126															
19	45	32	39	29	10	26	0	0.16	0.0	T	32.1	56	W	396	60	6	12															
20	44	16	30	29	1	35	0	2.91	3.9	0	40.3	129	NW	0	0	10	12346															
21	19	12	16	29	-13	49	0	0.00	0.0	1	71.9	122	W	10	2	10	126															
22	32	13	23	28	-5	42	0	0.05	0.6	1	31.9	74	NW	270	41	8	126															
23	29	20	25	28	-3	40	0	1.23	7.6	4	26.2	47	NW	0	0	10	1269															
24	26	18	22	28	-6	43	0	0.38	1.7	7	26.1	62	NW	15	2	10	126															
25	22	19	21	27	-6	44	0	1.38	6.2	8	58.3	94	NW	0	0	10	1269															
26	21	15	18	27	-9	47	0	0.82	4.0	12	53.8	85	NW	0	0	10	1269															
27	29	14	22	27	-5	43	0	0.00	0.0	12	25.1	61	NW	615	96	2	1269															
28	42	18	30	26	4	35	0	4.50	10.3	13	57.9	99	SE	0	0	10	12469															
29	20	13	17	26	-9	48	0	0.59	3.2	7	88.7	144	W	0	0	10	1269															
30	22	13	18	26	-8	47	0	0.03	0.2	9	91.0	158	W	110	17	9	1269															
31	40	20	30	26	4	35	0	0.22	0.0	9	54.5	79	NW	220	35	9	126															
SUM	1099	712	----	----	----	1099	0	17.68	41.7	----	1186.2	----	----	6995	----	241	----															
AVG	35.5	23.0	----	----	----	----	----	----	----	----	38.3	FASTEST	DIR	POSS	%	7.8	----															
											MISC. ->	158	W	20805	34%																	
TEMPERATURE DATA (°F)				PRECIPITATION DATA (IN.)				WEATHER				SYMBOLS USED IN COLUMN 16																				
AVERAGE MONTHLY				29.3				TOTAL FOR THE MONTH				17.68																				
DEPARTURE FROM NORMAL				-0.9				DEPARTURE FROM NORMAL				10.02																				
HIGHEST				57 on 9th				24 HOUR MAX				4.54 on 28/29																				
LOWEST				12 on 21st				SNOWFALL, ICE PELLETS (IN.)				21																				
NUMBER OF DAYS WITH:								TOTAL FOR THE MONTH				41.7																				
MAX. 32 OR BELOW				14				24 HOUR MAX				10.6																				
MAX. 90 OR ABOVE				0				MAX DEPTH ON GROUND				13.0 on 28/29																				
MIN. 32 OR BELOW				26																												
MIN. 0 OR BELOW				0				PRESSURE DATA (IN.)																								
HEATING DEGREE DAYS (BASE 65°F)								HIGHEST SEA-LEVEL				30.537 6																				
								LOWEST SEA-LEVEL				28.998 29																				
TOTAL THIS MONTH				1099				AVG STATION				23.637																				
DEPARTURE FROM NORMAL				20																												
SEASON TOTAL				2795																												
DEPARTURE FROM NORMAL				-69																												
COOLING DEGREE DAYS (BASE 65F)																																
TOTAL THIS MONTH				0																												
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											<table border="1"> <thead> <tr> <th colspan="5">AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR</th> </tr> <tr> <th>0600</th> <th>1200</th> <th>1800</th> <th>0000</th> <th>MONTH</th> </tr> </thead> <tbody> <tr> <td>78</td> <td>79</td> <td>86</td> <td>83</td> <td>82</td> </tr> </tbody> </table>							AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR					0600	1200	1800	0000	MONTH	78	79	86	83	82
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											<p>NOTE: 9th: NEW DAILY RECORD HIGH OF 57°F, OLD RECORD OF 54°F SET IN 2003.</p> <p>25th SNOW AND LIQUID PRECIP TOTALS ESTIMATED IN PART, DUE TO HEAVY SNOW DRIFTING</p> <p>NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER.</p> <p>THERE WERE 296 HOURS OF PREVAILING WINDS FROM THE NW, 40% OF THE TOTAL HOURS OF THE MONTH.</p>																					