

WS FORM F-6										STATION MOUNT WASHINGTON OBSERVATORY									
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MONTH OCTOBER					YEAR 2005				
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 SPEED	DIR	TOTAL	% POSS		
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	(EQUIV)	ICE										
1	50	33	42	35	7	23	0	0.00	0.0	0	31.8	48	W	717	100	2			
2	58	49	54	35	19	11	0	0.00	0.0	0	12.9	29	W	714	100	4			
3	59	51	55	35	20	10	0	0.00	0.0	0	13.7	28	W	710	100	1			
4	59	54	57	34	23	8	0	0.00	0.0	0	13.3	28	W	707	100	4			
5	62	51	57	34	23	8	0	0.00	0.0	0	16.9	29	SW	704	100	1			
6	58	49	54	33	21	11	0	0.00	0.0	0	24.3	56	W	702	100	1		12	
7	53	48	51	33	18	14	0	0.42	0.0	0	39.7	64	SW	0	0	10		12	
8	55	48	52	33	19	13	0	3.00	0.0	0	22.3	59	SW	0	0	10		12	
9	50	41	46	32	14	19	0	1.48	0.0	0	32.4	63	NE	15	2	10		12	
10	53	46	50	32	18	15	0	0.14	0.0	0	17.2	31	W	85	12	9		12	
11	60	28	44	32	12	21	0	T	0.0	0	16.8	56	E	225	33	9		12	
12	38	28	33	31	2	32	0	0.00	0.0	0	45.6	68	E	288	42	8			
13	43	33	38	31	7	27	0	0.00	0.0	0	38.4	54	SE	15	2	10		12	
14	44	37	41	31	10	24	0	1.66	0.0	0	30.5	45	SE	0	0	10			
15	43	29	36	30	6	29	0	4.30	4.0	0	35.1	99	NW	0	0	10		12469	
16	31	26	29	30	-1	36	0	7.74	18.3	3	89.0	127	W	0	0	10		12469	
17	31	24	28	30	-2	37	0	2.92	11.7	20	69.7	136	W	0	0	10		12469	
18	32	24	28	29	-1	37	0	0.73	1.1	23	46.6	83	NW	0	0	10		12469	
19	33	19	26	29	-3	39	0	0.06	0.1	23	52.8	102	W	75	11	10		126	
20	20	15	18	29	-11	47	0	0.13	1.2	18	63.3	88	NW	5	1	10		1269	
21	29	15	24	29	-5	41	0	0.00	0.0	18	41.7	75	NW	135	20	8		126	
22	31	20	26	28	-2	39	0	0.04	0.4	18	16.6	61	SE	377	57	9		126	
23	23	22	23	28	-5	42	0	0.74	7.5	19	36.2	73	E	0	0	10		1269	
24	27	22	25	28	-3	40	0	0.06	0.4	22	19.6	56	SE	135	21	9		126	
25	25	20	23	27	-4	42	0	4.08	24.3	22	69.0	101	E	0	0	10		1269	
26	21	16	19	27	-8	46	0	1.14	9.1	32	42.4	76	N	0	0	10		1269	
27	19	11	15	27	-12	50	0	0.06	0.8	30	30.4	53	NW	0	0	10		1269	
28	25	18	22	26	-4	43	0	0.00	0.0	30	5.8	25	NW	635	100	1			
29	29	21	25	26	-1	40	0	0.00	0.0	30	24.7	65	N	633	100	2			
30	35	25	30	26	4	35	0	0.00	0.0	28	62.3	95	NW	551	87	6		129	
31	37	28	33	26	7	32	0	0.00	0.0	27	55.6	80	W	530	85	9		129	
SUM	1233	951	----	----	----	911	0	28.70	78.9	----	1116.6	----	----	7958	----	233	----	----	
AVG	39.8	30.7	----	----	----	----	----	----	----	----	36.0	FASTEST	DIR	POSS	%			----	
											MISC. ->	136	W	20805	38%	7.5		----	

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	35.3	TOTAL FOR THE MONTH	28.70	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	5.1	DEPARTURE FROM NORMAL	21.04			2 = FOG REDUCING VISIBILITY	
HIGHEST	62 5th	24 HOUR MAX	8.81 16th/17th	CLEAR (SCALE 0-3)	6	TO 1/4 MILE OR LESS	
LOWEST	11 27th			PARTLY CLOUDY (SCALE 4-7)	3	3 = THUNDER	
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	22	4 = ICE PELLETS	
NUMBER OF DAYS WITH:						5 = HAIL	
		TOTAL FOR THE MONTH	78.9	WITH .01" OR MORE PRECIP	17	6 = GLAZE OR RIME	
MAX. 32 OR BELOW	13	24 HOUR MAX	25.7 25th/26th	WITH .10" OR MORE PRECIP	13	7 = BLOWING DUST OR SAND	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	32.0 26th	WITH .50" OR MORE PRECIP	10	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	19			WITH 1.0" OR MORE PRECIP	8	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	30.555 3rd	<b>Notes:</b> 28.70" of precipitation breaks the October record of 21.25" set in Oct. 1969, and breaks the all-time record of 25.56" set in Feb. 1969. 78.9" of snow breaks the old Oct. snowfall record of 39.8" set in Oct. 2000. The 24 hour snowfall record of 25.7" breaks the old 24 hour snowfall record of 17.0" set in Oct. 1995.			
TOTAL THIS MONTH	911	LOWEST SEA-LEVEL	29.265 13th				
DEPARTURE FROM NORMAL	-168	AVG STATION	23.784				
SEASON TOTAL	2294	<b>NOTES:</b> 2nd: New daily record high of 58. Old record of 57 set in 1950. 3rd: New daily record high of 59. Old record of 56 set in 1953					
DEPARTURE FROM NORMAL	-570	4th: New daily record high of 59. Old record of 56 set in 1951, 1953.					
		5th: New daily and monthly record high of 62. Old daily record of 58 set in 1951. Old monthly record of 59 set on 10/12 and 10/13 of 1938					
		6th: New daily record high of 58. Old record of 56 set in 1969. 11th: New daily record high of 60. Old record of 57 set in 1949.					
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0	<b>AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR</b>				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	74	78	82	80	79	THERE WERE 192 HOURS OF PREVAILING WINDS FROM THE NW, 26% OF THE TOTAL HOURS OF THE MONTH.
DEPARTURE FROM NORMAL	0						