WS FORM F-6											STATION  MOUNT WASHINGTON OBSERVATORY							
													IVIO	JINT WAS		N OBSERVA	RIORI	
	PRI	ELIMINA	ARY LOC	AL CLIM	ATOLOGI	CAL DATA	Ą					MONTH DECEMBER			YEAR	YEAR 2009		
LATITUI					LONGIT	NGITUDE					GROUND ELEVATION (H)			STANDA	STANDARD TIME			
	44 DEG		6 MINUT PERATUR		TH			71 DEGREES 18 MINUTES WEST PRECIPITATION (IN.)				6280 FT WIND (MPH)		SUNSHINE		EASTERN SKY		
					1	DEGREE		TOTAL		SNOW/ICE ON	AVG	FASTEST	FASTEST MILE		IUTES)	-	WEATHER	
DAY 1	MAX 14	MIN 3	AVG 9	NORM 15	DEPART -6	HEAT 56	COOL	(EQUIV) 0.18	ICE 1.4	GROUND-6AM	SPEED 42.3	SPEED 76	DIR W	TOTAL 60	% POSS	(TENTHS)	OCCUR. 1269	
2	32	13	23	14	9	42	0	0.04	0.2	10	47.9	72	W	315	57	8	1269	
3 4	40 24	23 13	32 19	14 14	18 5	33 46	0	<b>1.70</b> 0.02	2.0 0.3	10 6	62.0 34.8	86 69	SE W	0 200	0 36	10 8	12469 1269	
5	18	8	13	13	0	52	0	0.02	6.5	6	17.6	38	W	0	0	10	1269	
6	10	4	7	13	-6	58	0	0.18	1.8	10	47.5	74	W	0	0	10	1269	
7 8	11 14	5	8 7	13 12	-5 -5	57 58	0	0.23	2.1 1.3	10 11	33.1 <b>41.1</b>	63 73	W	0	0	10 10	1269 1269	
9	24	4	14	12	2	51	0	1.46	7.5	11	46.0	91	SE	0	0	10	1269	
10	20	-2	9	12	-3	56	0	0.66	3.5	16	67.1	104	W	0	0	10	1269	
11 12	-1 1	-9 -11	-5 -5	11 11	-16 -16	70 70	0	<b>0.28</b> 0.00	<b>2.3</b> 0.0	16 16	76.2 69.6	106 101	W	0	0	10 10	1269 1269	
13	23	1	12	11	1	53	0	0.16	1.8	15	48.5	89	SW	359	66	9	1269	
14	29	13	21	10	11	44	0	0.01	0.2	16	34.1	65	NW	353	65	8	1269	
15 16	26 1	-18	13 -8	10 10	-18	52 73	0	0.58	3.1 0.7	15 15	44.8 <b>81.3</b>	82 103	NW W	0	0	10 10	12469 1269	
17	-1	-24	-12	9	-21	77	0	0.00	0.0	15	72.4	97	NW	544	100	1	1269	
18	6	-2	2	9	-7	63	0	0.00	0.0	15	61.9	86	NW	543	100	1	9	
19 20	22 13	5 4	14 9	9	5 0	51 56	0	0.00 T	0.0 T	15 15	19.6 40.1	58 81	NW NW	510 5	94	8 10	16	
21	10	0	5	8	-3	60	0	0.10	0.4	15	54.0	86	NW	92	17	10	1269	
22	14	-8	3	8	-5	62	0	T	0.4	15	26.5	54	NW	420	77	8	1269	
23 24	14 27	-11 13	20	8	-6 12	63 45	0	0.01	0.3	16 16	21.8 30.7	50 63	NE NE	265 450	49 83	9	1269 1269	
25	32	22	27	7	20	38	0	0.00	0.0	15	13.4	29	NW	490	90	4	1200	
26	28	17	23	7	16	42 43	0	0.02	0.1	14	39.7	77	SE	0	0	10	1269	
27 28	32 15	11 4	22 10	7 7	15 3	43 55	0	1.54 0.25	4.6 4.0	16 15	<b>46.3</b> 33.5	77 67	SE W	0	0	10 10	12469 1269	
29	5	-25	-10	7	-17	75	0	0.27	1.8	17	67.8	100	NW	21	4	9	1269	
30 31	13 21	-19 8	-3 15	7 7	-10 8	68 50	0	0.00	0.0 1.8	16 16	60.3	104 40	NW SW	546 90	100 16	9	1269 1269	
SUM	537	42				1719	0	8.38	48.1		1404.0			5263		257		
AVG	17.3	1.4									45.3	FASTEST	DIR	POSS	%			
											MISC>	106	W	16968	31%	8.3		
TEMPER.	ATURE D	ATA (°F)				PRECIPIT	ATION DATA	A (IN.)			WEATHER	<u>.</u>			SYMBOLS	S USED IN CO	DLUMN 16	
AVERAGE MONTHLY				9.4							NUMBER (	OF DAYS:			1 = FOG			
DEPARTURE FROM NORMAL HIGHEST				-0.7	-0.7 DEPARTURE FROM I 40 on 3rd 24 HOUR MAX						CLEAR (SCALE 0-3)			4	2 = FOG REDUCING VISIBILITY  TO 1/4 MILE OR LESS			
LOWEST					on 29th							PARTLY CLOUDY (SCALE 4-7)			3 = THUNDER			
						SNOWFAL	LL, ICE PELI	ETS (IN.)			CLOUDY (	SCALE 8-10)		26	4 = ICE PI	ELLETS		
NUMBER	OF DAY	S WITH:				TOTAL FO	OR THE MON	JTH	48.1		WITH .01" OR MORE PRECIP			22	5 = HAIL 6 = GLAZI	E OR RIME		
MAX. 32	OR BELO	W		30	30 24 HOUR MAX								10" OR MORE PRECIP			7 = BLOWING DUST OR SAND		
MAX. 90				0		MAX DEP	TH ON GRO	OUND 17 on 31st				OR MORE PR		5	RED. VIS. TO 1/2 MILE OR LESS			
MIN. 32 C MIN. 0 OF				31 13		PRESSUF	RE DATA (IN	WITH 1.0"				OR MORE PR	ECIP	3	8 = SMOKE OR HAZE 9 = BLOWING SNOW			
			BASE 65°			HIGHEST SEA-LEVEL 30.508 on 25th									X = TORN			
				,		LOWEST SEA-LEVEL 29.251 on 10th												
TOTAL TI			1Δ1	1719 17	1719 AVG STATION 17				23.483									
SEASON		IVI INUKIV	IAL	5729		NOTES: 1ST, 2ND: DAILY AVG WIND SPEED CONTAINS 1 HR OF ESTIMATED WIND SPEEDS DUE TO WATER IN TP LINE OF PITOT												
DEPART	JRE FRO	M NORM	1AL	-169						ED DUE TO UNREAL								
000/ 11:		E DAYS	(BASE 65F	=)		6TH, 11TH,	21ST: PRECIP	& SNOWFA	ALL TOTALS PA	HRS OF ESTIMATED ARTIALLY ESTIMAT	ED DUE TO U	NREALISTIC AM	IOUNT IN CA	AN FROM BL		W.		
COOLING	3 DEGRE					8TH: DAILY	AVG WIND SF			F ESTIMATED WIND					OF PITOT			
		TH		n		9TH: DAILY	AVG WIND SE	PEED CONT	AINS 5 HRS OF	F ESTIMATED WIND								
TOTAL TI	HIS MON		1AL	0						F ESTIMATED WIND OF ESTIMATED WIN								
TOTAL TI DEPARTI SEASON	HIS MON URE FRO TOTAL	M NORM		0		11TH: DAIL` 12TH, 17TH	Y AVG WIND S : DAILY AVG V	PEED CON'	TAINS 3 HRS C CONTAINS 4	OF ESTIMATED WIN	ID SPEEDS DU ED WIND SPEE	JE TO MULTIPLE DS DUE TO MU	E ICE CLOGS	S IN TP LINE CLOGS IN T	OF PITOT. P LINE OF PI			
TOTAL TI DEPARTI	HIS MON URE FRO TOTAL	M NORM		0		11TH: DAIL' 12TH, 17TH 16TH: DAIL'	Y AVG WIND S : DAILY AVG V Y AVG WIND S	PEED CON'	TAINS 3 HRS C CONTAINS 4 TAINS 21 HRS	OF ESTIMATED WIN HRS OF ESTIMATE OF ESTIMATED WII	ID SPEEDS DU ED WIND SPEE ND SPEEDS D	DE TO MULTIPLE DS DUE TO MU UE TO MULTIPL	EICE CLOGS LTIPLE ICE LE ICE CLOG	S IN TP LINE CLOGS IN T GS AND WAT	OF PITOT. P LINE OF PI	IE OF PITOT.		
TOTAL TI DEPARTI SEASON	HIS MON URE FRO TOTAL	M NORM		0		11TH: DAIL' 12TH, 17TH 16TH: DAIL' 29TH: DAIL	Y AVG WIND S : DAILY AVG V Y AVG WIND S Y AVG WIND S	PEED CON WIND SPEED PEED CON PEED CON	TAINS 3 HRS C CONTAINS 4 TAINS 21 HRS TAINS 12 HRS	OF ESTIMATED WIN HRS OF ESTIMATE OF ESTIMATED WII OF ESTIMATED WII	ID SPEEDS DU ED WIND SPEE ND SPEEDS D	DE TO MULTIPLE DS DUE TO MU UE TO MULTIPL	EICE CLOGS LTIPLE ICE LE ICE CLOG	S IN TP LINE CLOGS IN T GS AND WAT	OF PITOT. P LINE OF PI	IE OF PITOT.		
TOTAL TI DEPARTI SEASON	HIS MON URE FRO TOTAL	M NORM		0		11TH: DAIL  12TH, 17TH  16TH: DAIL  29TH: DAIL  AVG REL	Y AVG WIND S : DAILY AVG V Y AVG WIND S Y AVG WIND S	PEED CON' WIND SPEED PEED CON' PEED CON' DITY FOR	TAINS 3 HRS C CONTAINS 4 TAINS 21 HRS TAINS 12 HRS EACH SYNO	OF ESTIMATED WIN HRS OF ESTIMATE OF ESTIMATED WII OF ESTIMATED WII	ID SPEEDS DU ED WIND SPEE ND SPEEDS D ND SPEEDS D NOTE: PI	JE TO MULTIPLE DS DUE TO MU JUE TO MULTIPL JUE TO MULTIPL EAK GUST (C	E ICE CLOGS LETIPLE ICE LE ICE CLOG LE ICE CLOG COL. 11) EN	S IN TP LINE CLOGS IN T GS AND WAT GS AND WAT	OF PITOT. P LINE OF PI FER IN TP LIN FER IN TP LIN	E OF PITOT.  F FASTEST M	IILE	
TOTAL TI DEPARTI SEASON	HIS MON URE FRO TOTAL	M NORM		0		11TH: DAIL' 12TH, 17TH 16TH: DAIL' 29TH: DAIL	Y AVG WIND S : DAILY AVG V Y AVG WIND S Y AVG WIND S	PEED CON WIND SPEED PEED CON PEED CON	TAINS 3 HRS C CONTAINS 4 TAINS 21 HRS TAINS 12 HRS	OF ESTIMATED WIN HRS OF ESTIMATE OF ESTIMATED WII OF ESTIMATED WII	D SPEEDS DU D WIND SPEEDS D ND SPEEDS D NOTE: PI RECORD	JE TO MULTIPLE  DS DUE TO MU  JUE TO MULTIPLE  JUE TO MULTIPLE	EICE CLOGS LTIPLE ICE LE ICE CLOG LE ICE CLOG COL. 11) EN	S IN TP LINE CLOGS IN T GS AND WAT GS AND WAT NTERED IN	P LINE OF PI TER IN TP LIN TER IN TP LIN TER IN TP LIN N PLACE OI	E OF PITOT.  F FASTEST M  ER.		