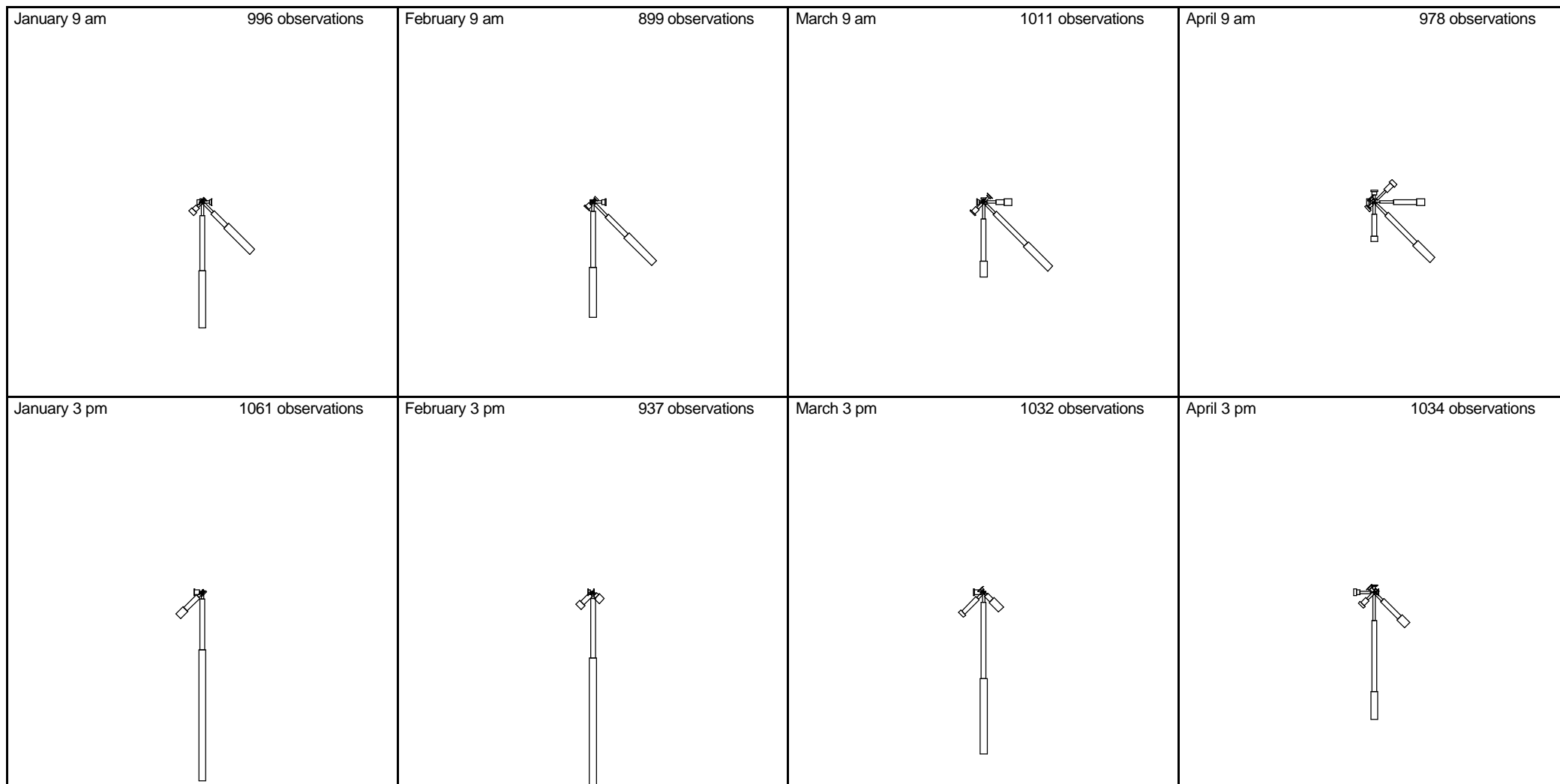
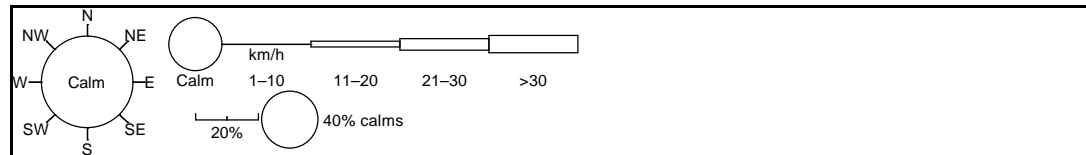


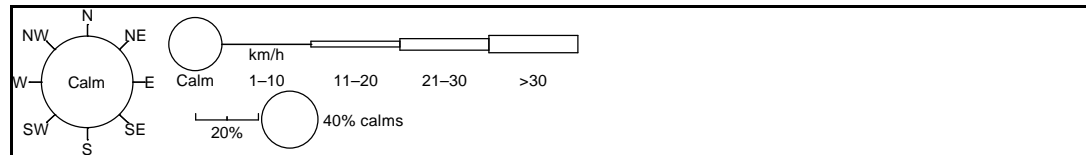
# Wind Roses using data between Jun 1990 and Nov 2005 for North Island

Site Number 008290 • Locality: Abrolhos Island • Opened May 1990 • Still Open  
 Latitude 28°18'03"S • Longitude 113°35'37"E • Elevation 2.2m



# Wind Roses using data between Jun 1990 and Nov 2005 for North Island

Site Number 008290 • Locality: Abrolhos Island • Opened May 1990 • Still Open  
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May 9 am 844 observations 	June 9 am 797 observations 	July 9 am 859 observations 	August 9 am 880 observations 
May 3 pm 936 observations 	June 3 pm 866 observations 	July 3 pm 965 observations 	August 3 pm 967 observations 

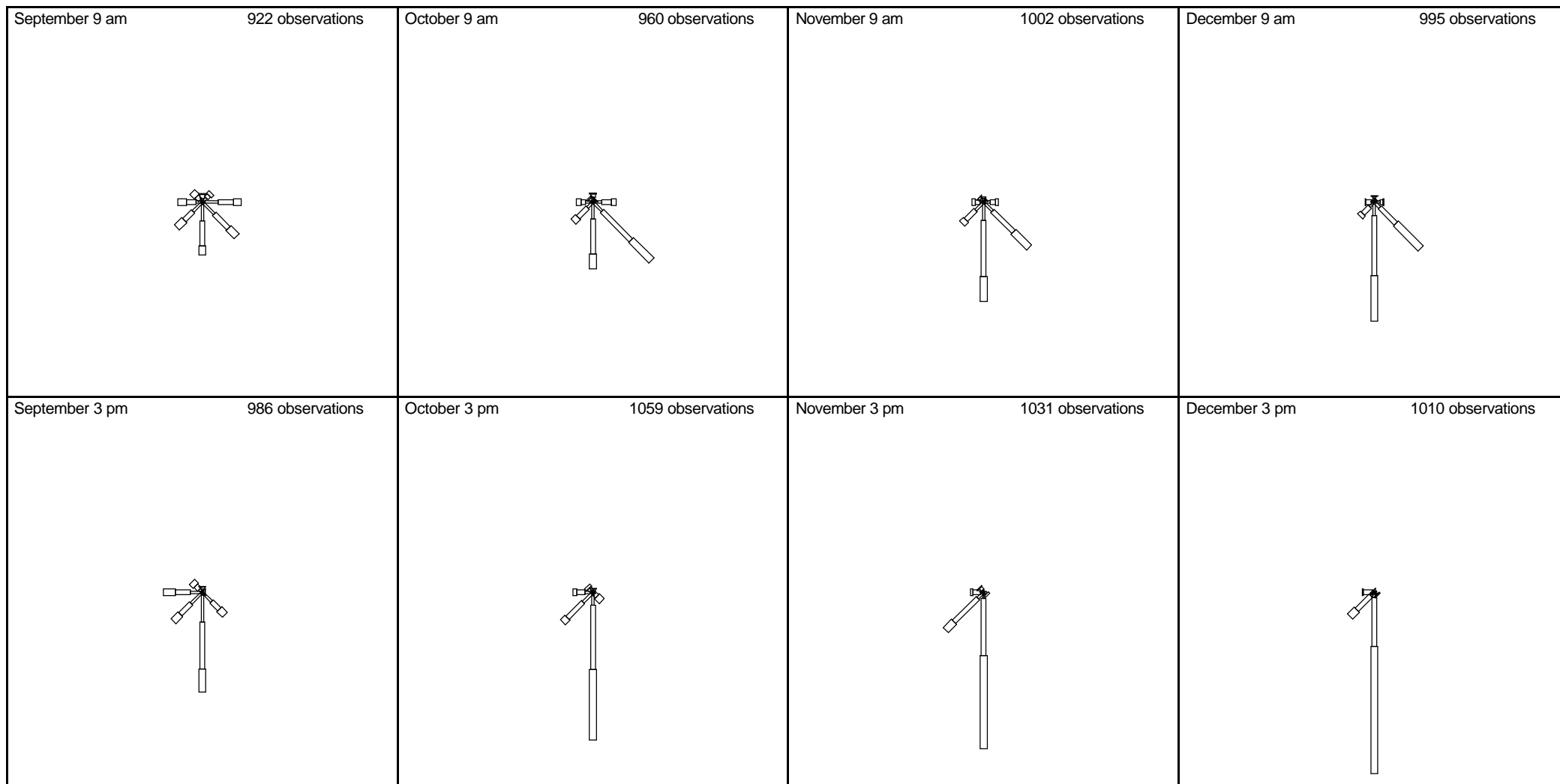
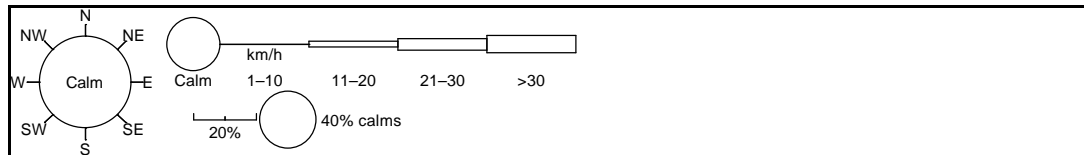


**Australian Government**  
**Bureau of Meteorology**

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# Wind Roses using data between Jun 1990 and Nov 2005 for North Island

Site Number 008290 • Locality: Abrolhos Island • Opened May 1990 • Still Open  
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# Wind Frequency analysis using available data between Jun 1990 and Nov 2005 for North Island

Site Number 008290 • Locality: Abrolhos Island • Opened May 1990 • Still Open • Latitude 28°18'03"S • Longitude 113°35'37"E • Elevation 2.2m

Values are percentage frequencies; \* indicates the range has occurred but with a frequency of less than 0.5%.

## January 9 am

Calm 1		A total of 996 observations analysed								
km/h	N	NE	E	SE	S	SW	W	NW	All	
1-10	*	*	1	1	1	*		*	3	
11-20	1	1	2	5	5	3	1	*	18	
21-30	*	*	1	8	23	2	1	*	36	
>30			*	16	24	2			42	
All	1	2	4	30	53	6	2	1	100	

## January 3 pm

Calm *		A total of 1061 observations analysed								
km/h	N	NE	E	SE	S	SW	W	NW	All	
1-10					1	*	*		1	
11-20	*			*	2	2	1	*	6	
21-30			*	*	22	8	2	*	32	
>30				1	55	4	*		60	
All	*		*	1	80	14	4	1	100	

## February 9 am

Calm *		A total of 899 observations analysed								
km/h	N	NE	E	SE	S	SW	W	NW	All	
1-10	*	1	1	1	*	*	*	*	4	
11-20	1	1	3	7	3	1	1	*	17	
21-30	*	1	1	12	24	2	*	*	40	
>30			*	17	21	*			38	
All	1	2	5	37	49	4	1	1	100	

## February 3 pm

Calm		A total of 937 observations analysed								
km/h	N	NE	E	SE	S	SW	W	NW	All	
1-10	*	*	*	*				*	1	
11-20			*	1	3	1	1	*	6	
21-30			*	1	25	5	1	*	33	
>30			*	3	55	2	*		60	
All	*	*	1	5	83	9	2	*	100	

## March 9 am

Calm 1		A total of 1011 observations analysed								
km/h	N	NE	E	SE	S	SW	W	NW	All	
1-10	*	1	1	1	1	*	*	*	5	
11-20	1	2	4	5	6	3	1	1	24	
21-30	1	1	4	19	18	3	1	*	45	
>30		*	3	15	7	*	*		25	
All	2	4	12	40	32	7	3	1	100	

## March 3 pm

Calm *		A total of 1032 observations analysed								
km/h	N	NE	E	SE	S	SW	W	NW	All	
1-10	*	*	*	*	*	*	*	*	2	
11-20		*		1	4	3	1	1	10	
21-30	*	*		3	32	9	3	1	48	
>30				6	32	1	*	*	40	
All	*	*	*	10	69	14	4	2	100	

## April 9 am

Calm 1		A total of 978 observations analysed								
km/h	N	NE	E	SE	S	SW	W	NW	All	
1-10	1	1	2	1	1	1	1	*	8	
11-20	2	5	6	6	4	2	1	1	27	
21-30	1	4	10	17	9	*	1	1	44	
>30	1	2	3	10	2	1	1	*	20	
All	5	12	21	35	17	4	3	3	100	

## April 3 pm

Calm *		A total of 1034 observations analysed								
km/h	N	NE	E	SE	S	SW	W	NW	All	
1-10	1	1	1	1	1	1	1	1	7	
11-20	1	1	*	4	11	4	5	2	27	
21-30	1	*	1	10	30	3	2	1	47	
>30	*		*	5	12	1	1	*	19	
All	3	1	2	20	54	8	9	3	100	

## May 9 am

Calm 1		A total of 844 observations analysed								
km/h	N	NE	E	SE	S	SW	W	NW	All	
1-10	1	1	2	2	1	1	2	*	8	
11-20	3	5	6	2	4	2	4	1	25	
21-30	5	6	11	6	5	3	3	1	40	
>30	2	5	6	3	2	2	4	2	25	
All	10	16	24	14	11	7	13	4	100	

## May 3 pm

Calm 1		A total of 936 observations analysed								
km/h	N	NE	E	SE	S	SW	W	NW	All	
1-10	1	1	2	2	3	1	2	2	14	
11-20	3	1	2	6	8	4	3	3	30	
21-30	2	1	2	13	10	4	4	2	37	
>30	1		1	4	5	2	4	2	18	
All	8	2	6	25	26	11	13	8	100	



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## June 9 am

Calm 1		A total of 797 observations analysed								
km/h	N	NE	E	SE	S	SW	W	NW	All	
1-10	1	1	2	1	1	1	*	*	8	
11-20	3	6	3	3	4	2	2	1	24	
21-30	4	6	9	3	4	4	2	2	34	
>30	5	5	5	3	2	4	6	3	34	
All	14	18	19	9	11	11	10	7	100	

## June 3 pm

Calm 2		A total of 866 observations analysed								
km/h	N	NE	E	SE	S	SW	W	NW	All	
1-10	2	2	2	1	1	1	1	*	10	
11-20	4	2	6	4	5	3	3	2	28	
21-30	4	1	6	9	5	3	4	1	34	
>30	3	1	2	4	2	5	6	4	26	
All	12	6	16	18	13	12	14	7	100	

## July 9 am

Calm 1		A total of 859 observations analysed								
km/h	N	NE	E	SE	S	SW	W	NW	All	
1-10	1	1	1	1	2	1	*	1	8	
11-20	3	5	5	2	3	2	2	1	24	
21-30	4	8	9	3	3	5	2	2	36	
>30	4	5	6	2	1	4	7	2	31	
All	12	18	22	8	8	12	12	6	100	

## July 3 pm

Calm 1		A total of 965 observations analysed								
km/h	N	NE	E	SE	S	SW	W	NW	All	
1-10	3	1	1	2	2	1	1	*	12	
11-20	5	3	5	5	4	3	2	2	29	
21-30	5	2	6	8	5	6	2	3	35	
>30	2	*	3	4	2	3	7	3	23	
All	15	6	14	19	12	12	12	8	100	

## August 9 am

Calm 1		A total of 880 observations analysed								
km/h	N	NE	E	SE	S	SW	W	NW	All	
1-10	1	1	2	1	1	*	1	1	8	
11-20	1	3	5	4	5	3	4	2	28	
21-30	2	3	10	5	4	5	5	1	35	
>30	1	3	5	3	3	6	5	2	29	
All	5	10	22	13	13	14	15	6	100	

## August 3 pm

Calm 1		A total of 967 observations analysed								
km/h	N	NE	E	SE	S	SW	W	NW	All	
1-10	1	1	2	2	2	1	1	1	10	
11-20	2	1	3	7	7	4	5	2	31	
21-30	2		2	9	8	6	5	3	35	
>30	2		*	6	5	3	4	2	23	
All	7	2	8	23	22	14	15	8	100	

## September 9 am

Calm *		A total of 922 observations analysed								
km/h	N	NE	E	SE	S	SW	W	NW	All	
1-10	*	*	1	1	1	1	*	*	5	
11-20	1	2	6	6	7	5	2	1	30	
21-30	2	2	6	8	10	5	4	2	40	
>30	*	2	3	5	4	4	4	3	25	
All	4	5	16	20	22	15	10	6	100	

## September 3 pm

Calm *		A total of 986 observations analysed								
km/h	N	NE	E	SE	S	SW	W	NW	All	
1-10	1	*	*	1	1	1	1	1	6	
11-20	1	*	*	4	11	6	5	1	29	
21-30	1		*	5	20	6	6	2	41	
>30	*		*	3	10	4	5	2	25	
All	3	*	1	13	42	17	16	6	100	

## October 9 am

Calm		A total of 960 observations analysed								
km/h	N	NE	E	SE	S	SW	W	NW	All	
1-10	*	*	1	1	1	*	*	*	4	
11-20	2	1	3	5	7	3	3	1	23	
21-30	2	*	4	17	15	6	2	1	47	
>30	*	*	2	12	6	3	2	1	27	
All	4	2	10	35	28	12	7	3	100	

## October 3 pm

Calm		A total of 1059 observations analysed								
km/h	N	NE	E	SE	S	SW	W	NW	All	
1-10		*		*	*	*	*	*	1	
11-20	1	*	*	1	5	6	3	*	16	
21-30	1	*	*	2	27	9	3	2	44	
>30	*		*	3	30	3	2	1	39	
All	2	*	*	5	63	18	9	4	100	



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## November 9 am

Calm *		A total of 1002 observations analysed								
km/h	N	NE	E	SE	S	SW	W	NW	All	
1-10	*	*	*	1	1	*	*	1	4	
11-20	1	1	2	4	7	5	1	1	22	
21-30	*	*	2	13	24	6	2	1	48	
>30			1	9	11	2	1	*	25	
All	2	2	6	27	42	13	5	3	100	

## November 3 pm

Calm		A total of 1031 observations analysed								
km/h	N	NE	E	SE	S	SW	W	NW	All	
1-10				*		*	*	*	1	
11-20	*			*	3	3	1	1	8	
21-30	*	*	*	1	24	14	3	1	44	
>30				1	40	5	1	*	47	
All	*	*	*	2	66	23	6	3	100	

## December 9 am

Calm 1		A total of 995 observations analysed								
km/h	N	NE	E	SE	S	SW	W	NW	All	
1-10	*	*	1	*	*	*	*	*	2	
11-20	2	1	2	3	5	3	1	1	16	
21-30	*	*	1	10	25	4	2	1	44	
>30	*		*	15	19	2	*		37	
All	3	1	4	28	50	8	4	1	100	

## December 3 pm

Calm		A total of 1010 observations analysed								
km/h	N	NE	E	SE	S	SW	W	NW	All	
1-10	*		*	*	*	*	*		1	
11-20	*			1	2	2	1		6	
21-30	*	*		*	21	8	4	1	34	
>30				*	54	4	*	*	59	
All	*	*	*	2	77	14	5	1	100	

