

Annexure 6

Climate Data

Mean Maximum Temperature (degrees Celsius)

NOONAMAH AWS

Station Number: 014046 · State: NT · Opened: 1997 · Status: Open · Latitude: 12.64°S · Longitude: 131.07°E · Elevation: 30 m

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2008											35.3	33.3	
2009	32.8	31.7	34.5	35.8	34.5	33.7	33.6	35.1	37.2	38.3	36.4	34.2	34.8
2010	32.6	34.2	35.3	34.3	33.9	32.6	34.5	35.4	36.9	35.5	35.2	33.7	34.5
2011	32.4	32.0	32.2	32.7	32.0	30.5	33.0	34.1					

Quality control: 12.3 Done & acceptable, 12.3 Not completed or unknown

Mean Maximum Temperature (degrees Celsius)

NOONAMAH AWS

Station Number: 014046 · State: NT · Opened: 1997 · Status: Open · Latitude: 12.64°S · Longitude: 131.07°E · Elevation: 30 m

Statistics for this station calculated over all years of data

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Lowest	32.4	31.7	32.2	32.7	32.0	30.5	33.0	34.1	36.9	35.5	35.2	33.3	34.5
Highest	32.8	34.2	35.3	35.8	34.5	33.7	34.5	35.4	37.2	38.3	36.4	34.2	34.8

1) Calculation of statistics

Summary statistics, other than the Highest and Lowest values, are only calculated if there are at least 20 years of data available.

2) Gaps and missing data

Gaps may be caused by a damaged instrument, a temporary change to the site operation, or due to the absence or illness of an observer.

3) Further information

<http://www.bom.gov.au/climate/cdo/about/about-airtemp-data.shtml>.

Product code: IDCJAC0002 reference: 05190818 Created on Mon 26 Sep 2011 14:08:10 PM EST

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Mean Minimum Temperature (degrees Celsius)

NOONAMAH AWS

Station Number: 014046 · State: NT · Opened: 1997 · Status: Open · Latitude: 12.64°S · Longitude: 131.07°E · Elevation: 30 m

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2008											24.9	24.7	
2009	24.7	24.4	23.2	23.0	20.4	16.8	15.4	16.9	22.1	22.4	24.0	24.5	21.5
2010	24.3	24.4	24.0	23.8	22.8	17.6	20.2	18.2	22.5	23.2	23.3	24.0	22.4
2011	23.9	23.9	24.1	22.2	17.0	11.8	15.9	14.5					

Quality control: 12.3 Done & acceptable, 12.3 Not completed or unknown

Mean Minimum Temperature (degrees Celsius)

NOONAMAH AWS

Station Number: 014046 · State: NT · Opened: 1997 · Status: Open · Latitude: 12.64°S · Longitude: 131.07°E · Elevation: 30 m

Statistics for this station calculated over all years of data

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Lowest	23.9	23.9	23.2	22.2	17.0	11.8	15.4	14.5	22.1	22.4	23.3	24.0	21.5
Highest	24.7	24.4	24.1	23.8	22.8	17.6	20.2	18.2	22.5	23.2	24.9	24.7	22.4

1) Calculation of statistics

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2) Gaps and missing data

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3) Further information

<http://www.bom.gov.au/climate/cdo/about/about-airtemp-data.shtml>.

Product code: IDCJAC0004 reference: 05190901 Created on Mon 26 Sep 2011 14:22:12 PM EST



Monthly Rainfall (millimetres)

ELIZABETH VALLEY

Station Number: 014222 · State: NT · Opened: 1986 · Status: Open · Latitude: 12.64°S · Longitude: 131.08°E · Elevation: 36 m

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1986			85.4	145.8	45.6	0.4	5.8	0.0	53.0	107.6	139.6	202.2	
1987	310.4	299.2	132.0	64.2	90.8	0.0	0.0	0.0	0.0	41.0	205.8	409.2	1552.6
1988	349.8			33.4	0.0	0.0		42.0	15.8	134.0	288.9	516.4	
1989	256.2	286.6	589.0	135.2	0.0	0.0	0.0	0.0	4.6	35.2	43.2	161.0	1511.0
1990	437.4	111.8	230.0	143.0	77.2	0.0	2.6	0.0	0.0	0.0	200.2	243.6	1445.8
1991	585.8	319.3	288.0	75.3	1.6	0.0	0.5	0.0	5.0	4.8	175.4	74.6	1530.3
1992	213.4	191.6	104.4	103.4	0.0	0.0	0.0	5.0	19.0	114.8	121.8	215.8	1089.2
1993	406.7	281.7	177.3	51.2	0.0	0.0	0.0	0.0	11.0	21.0	77.6	365.4	1391.9
1994	184.4	373.2	324.4	49.8	4.8	0.0	0.0	0.0	2.0	22.0	74.5	262.8	1297.9
1995	606.1	255.2	483.2	88.6	70.0	0.0	0.0	0.0	15.4	120.0	266.6	350.3	2255.4
1996	294.6	300.3	261.6	240.4	0.0	0.0	0.0	0.0	0.0	159.9	109.2	465.8	1831.8
1997	849.4	402.1	323.2	0.0	0.0	0.0	0.0	3.0	0.0	149.7	137.4	314.8	2179.6
1998	497.1	284.1	271.1	63.6	0.0	0.0	0.0	1.8	35.6		220.8	722.0	
1999	370.3	242.2	488.4	82.4	0.0	0.0	0.0	0.0	0.0			263.8	
2000	359.6	438.4	348.4			0.0	0.0	0.0	0.0	124.8	207.0	272.4	
2001		373.8		94.8	26.6	0.0	10.8	0.0	30.2	141.4	239.6	129.8	
2002	168.7	621.2		54.0	10.4	0.0	0.0	0.0	31.6	4.3	67.6	134.3	
2003		762.0	182.1	10.0	0.0	0.0	0.0	0.0	5.2	45.0	173.4		
2004	370.4			41.4	109.2	2.2	0.0	1.2	8.0	80.4	96.0	344.2	
2005	301.8		253.8	76.4	0.0	0.0	0.0	0.0	5.0	52.6	139.6	246.0	
2006	377.5	135.8	388.3	565.8	16.6	0.0	0.0	0.0	17.8	5.8	143.7	149.2	1800.5
2007	333.5	341.3	642.2	15.6	12.4	0.0	0.0	0.0	25.6	67.8	141.3	413.8	1993.5
2008		490.0	381.1	18.9	0.0	0.0	0.0	0.0	11.8		167.0	327.2	
2009	347.4	457.4	161.5	5.6	3.0	0.0	0.0	0.0	84.8	21.5	139.5	501.1	1721.8
2010	704.6	303.7	177.5	149.0	17.4		0.8	0.6	71.4	154.2	194.7	349.0	
2011	564.0	888.1	378.3	187.3									

Quality control: 12.3 Done & acceptable, 12.3 Not completed or unknown

Monthly Rainfall (millimetres)

ELIZABETH VALLEY

Station Number: 014222 · State: NT · Opened: 1986 · Status: Open · Latitude: 12.64°S · Longitude: 131.08°E · Elevation: 36 m

Statistics for this station calculated over all years of data

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Mean	404.0	370.9	303.2	99.8	20.2	0.1	0.9	2.1	18.1	73.1	157.1	309.8	1661.6
Lowest	168.7	111.8	85.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.2	74.6	1089.2
5th percentile	185.9	138.6	105.8	6.5	0.0	0.0	0.0	0.0	0.0	4.3	68.6	130.5	1214.4
10th percentile	217.7	196.7	134.9	12.2	0.0	0.0	0.0	0.0	0.0	4.9	75.4	138.8	1316.7
Median	365.0	311.5	279.5	75.3	2.3	0.0	0.0	0.0	11.0	60.2	142.5	293.6	1552.6
90th percentile	604.1	608.1	487.9	172.0	75.0	0.0	2.1	2.5	46.0	148.9	234.0	490.5	2142.4
95th percentile	699.7	755.0	584.0	229.8	88.8	0.3	5.3	4.6	67.7	154.0	262.5	514.1	2209.9
Highest	849.4	888.1	642.2	565.8	109.2	2.2	10.8	42.0	84.8	159.9	288.9	722.0	2255.4

1) Calculation of statistics

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2) Gaps and missing data

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3) Further information

<http://www.bom.gov.au/climate/cdo/about/about-rain-data.shtml>.

Product code: IDCJAC0001 reference: 05190665 Created on Mon 26 Sep 2011 13:38:11 PM EST



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Monthly Rainfall (millimetres)

NOONAMAH AWS

Station Number: 014046 · State: NT · Opened: 1997 · Status: Open · Latitude: 12.64°S · Longitude: 131.07°E · Elevation: 30 m

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2008											154.6	359.8	
2009	386.8	506.8	165.4	6.6	2.4	0.6	0.0	0.0	86.6	20.8	112.0	520.6	1808.6
2010	714.8	298.6	175.8	144.8	25.0	0.0	0.2	0.0	80.2	149.2	198.4	331.2	2118.2
2011	570.6	891.0	363.2	163.8	0.0	0.0	0.0	0.0					

Quality control: 12.3 Done & acceptable, 12.3 Not completed or unknown

Monthly Rainfall (millimetres)

NOONAMAH AWS

Station Number: 014046 · State: NT · Opened: 1997 · Status: Open · Latitude: 12.64°S · Longitude: 131.07°E · Elevation: 30 m

Statistics for this station calculated over all years of data

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Lowest	386.8	298.6	165.4	6.6	0.0	0.0	0.0	0.0	80.2	20.8	112.0	331.2	1808.6
Highest	714.8	891.0	363.2	163.8	25.0	0.6	0.2	0.0	86.6	149.2	198.4	520.6	2118.2

1) Calculation of statistics

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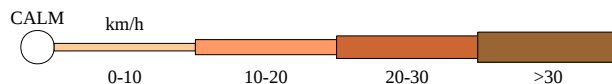
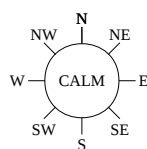
Product code: IDCJAC0001 reference: 05190678 Created on Mon 26 Sep 2011 13:42:07 PM EST



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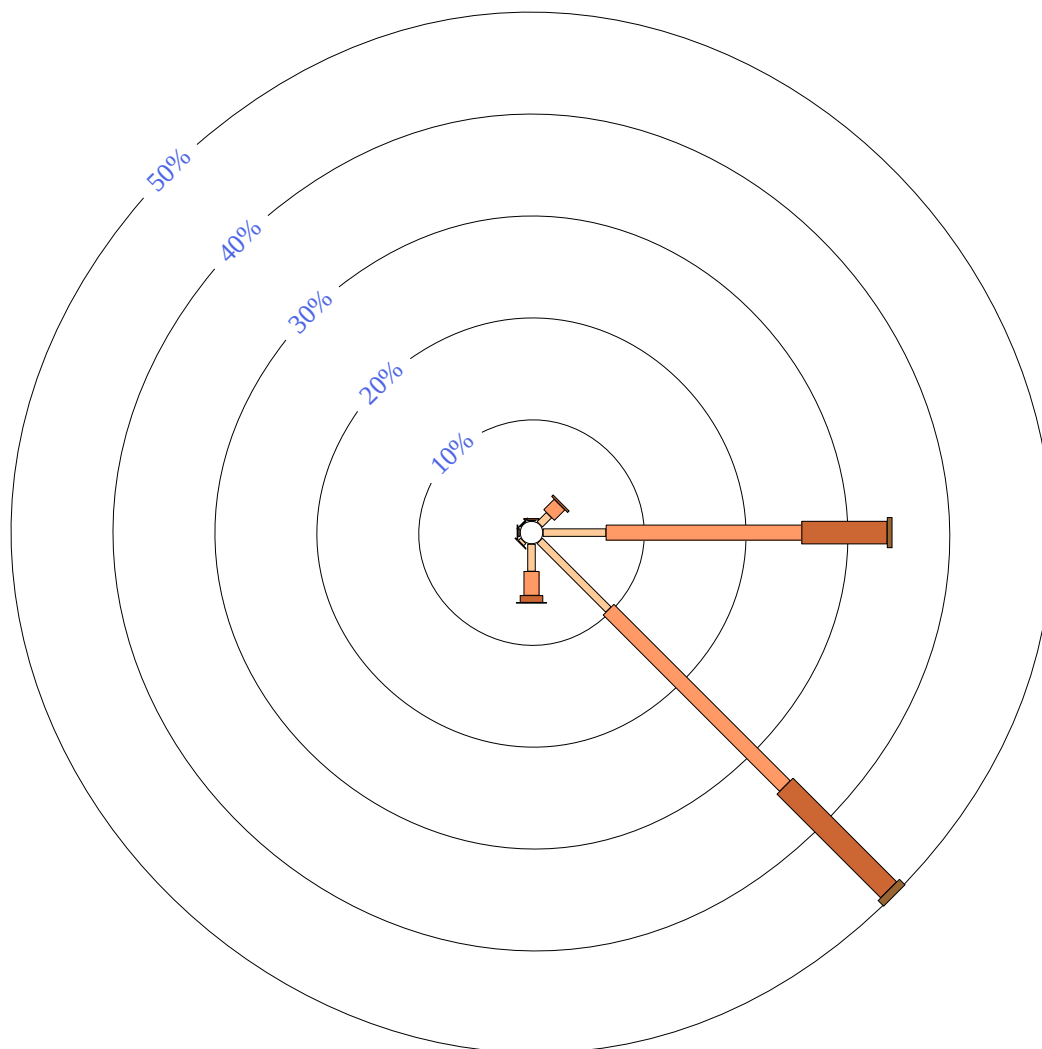
WIND FREQUENCY ANALYSIS (in km/h)
DARWIN AIRPORT STATION NUMBER 014015
Latitude: -12.42 ° Longitude: 130.89 °



Scale factor = 30.0%

9 am Jun
1470 Total Observations (1942 to 2004)

Calm 6%



Wind directions are divided into eight compass directions. Calm has no direction.

An asterisk (*) indicates that calm is less than 1% .

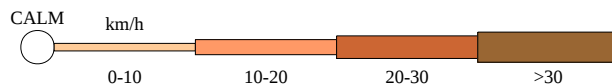
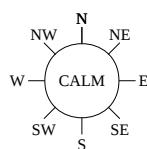
An observed wind speed which falls precisely on the boundary between two divisions (eg 10km/h) will be included in the lower range (eg 1-10 km/h). Only quality controlled data have been used.



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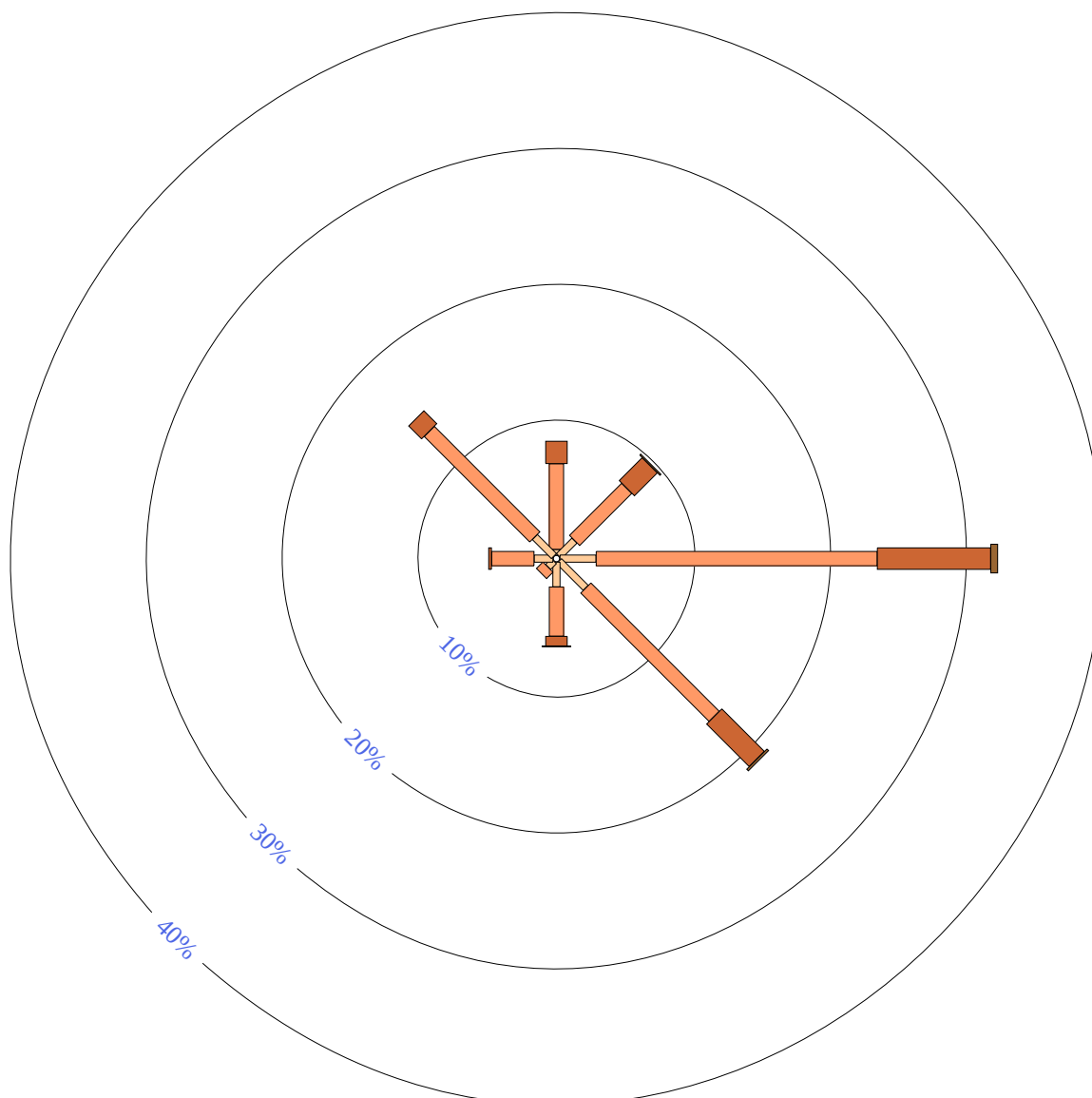
WIND FREQUENCY ANALYSIS (in km/h)
DARWIN AIRPORT STATION NUMBER 014015
Latitude: -12.42 ° Longitude: 130.89 °



Scale factor = 30.0%

3 pm Jun
1468 Total Observations (1942 to 2004)

Calm 1%



Wind directions are divided into eight compass directions. Calm has no direction.

An asterisk (*) indicates that calm is less than 1% .

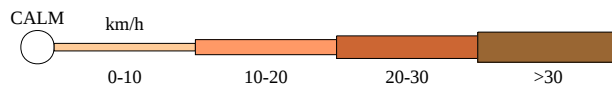
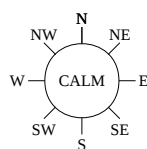
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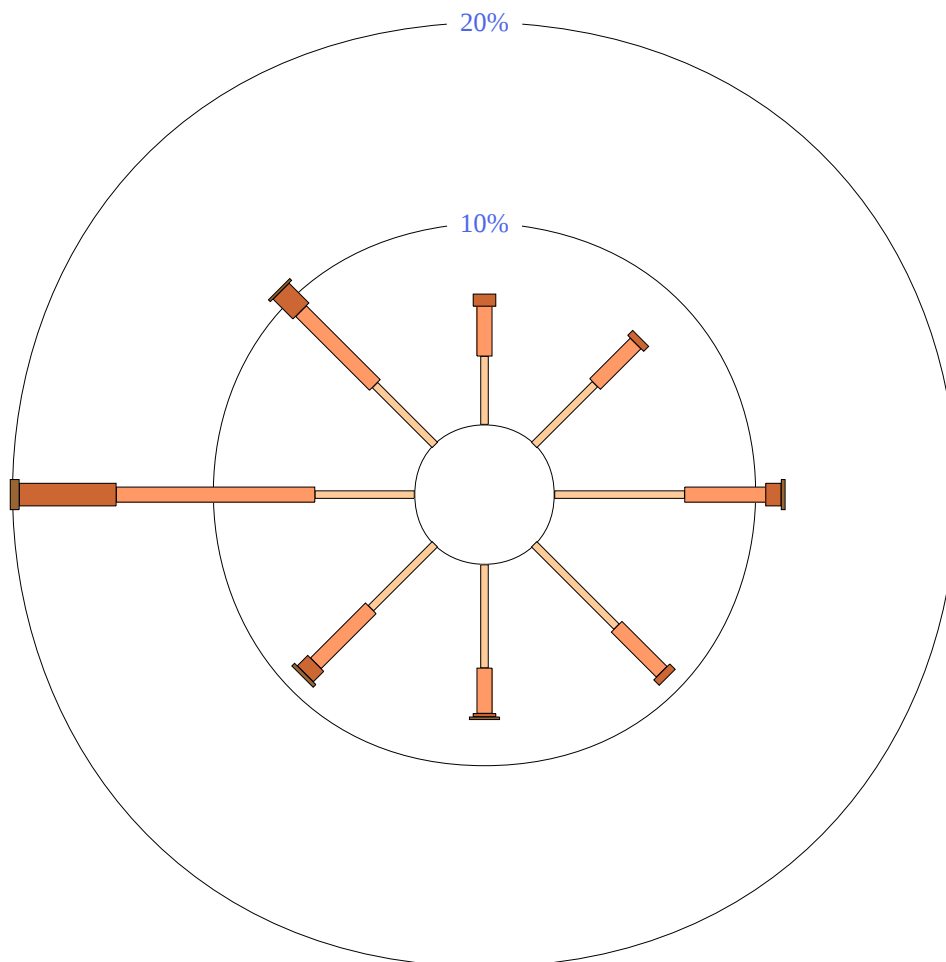
WIND FREQUENCY ANALYSIS (in km/h)
DARWIN AIRPORT STATION NUMBER 014015
Latitude: -12.42 ° Longitude: 130.89 °



Scale factor = 30.0%

9 am Dec
1579 Total Observations (1942 to 2004)

Calm 17%



Wind directions are divided into eight compass directions. Calm has no direction.

An asterisk (*) indicates that calm is less than 1% .

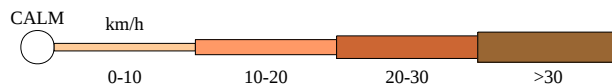
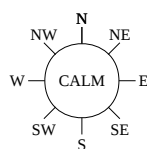
An observed wind speed which falls precisely on the boundary between two divisions (eg 10km/h) will be included in the lower range (eg 1-10 km/h). Only quality controlled data have been used.



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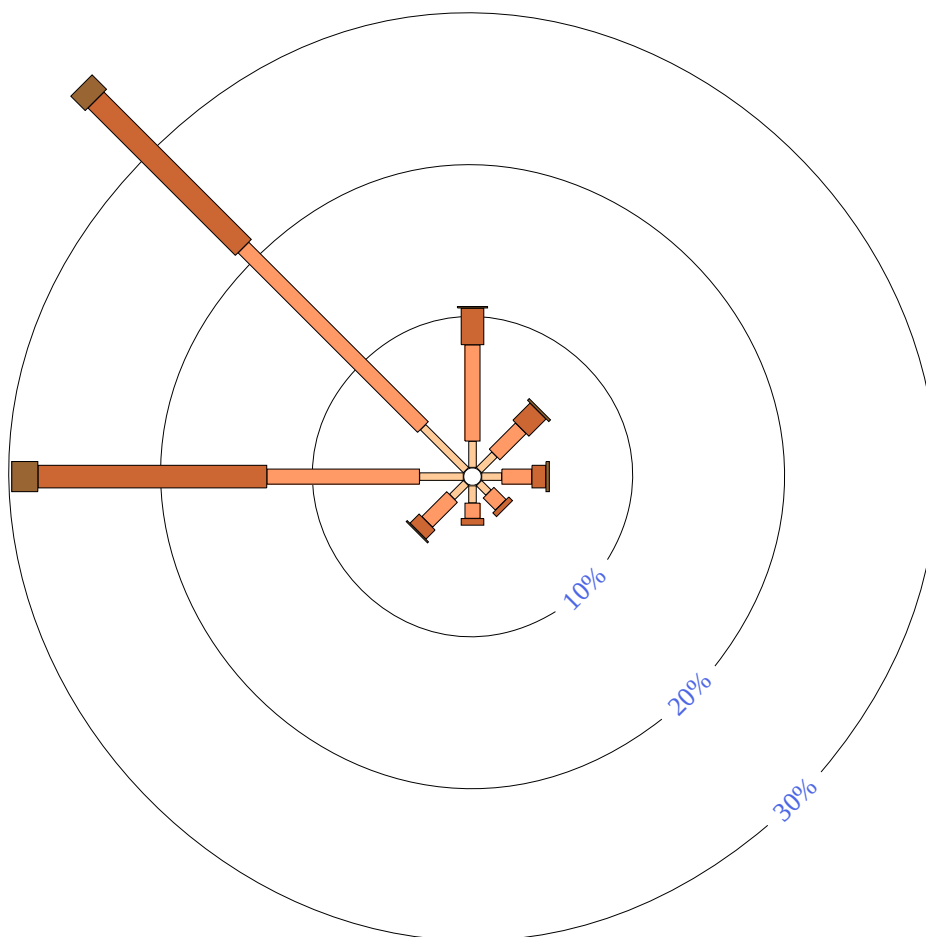
WIND FREQUENCY ANALYSIS (in km/h)
DARWIN AIRPORT STATION NUMBER 014015
Latitude: -12.42 ° Longitude: 130.89 °



Scale factor = 30.0%

3 pm Dec
1576 Total Observations (1942 to 2004)

Calm 3%



Wind directions are divided into eight compass directions. Calm has no direction.

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An observed wind speed which falls precisely on the boundary between two divisions (eg 10km/h) will be included in the lower range (eg 1-10 km/h). Only quality controlled data have been used.



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