

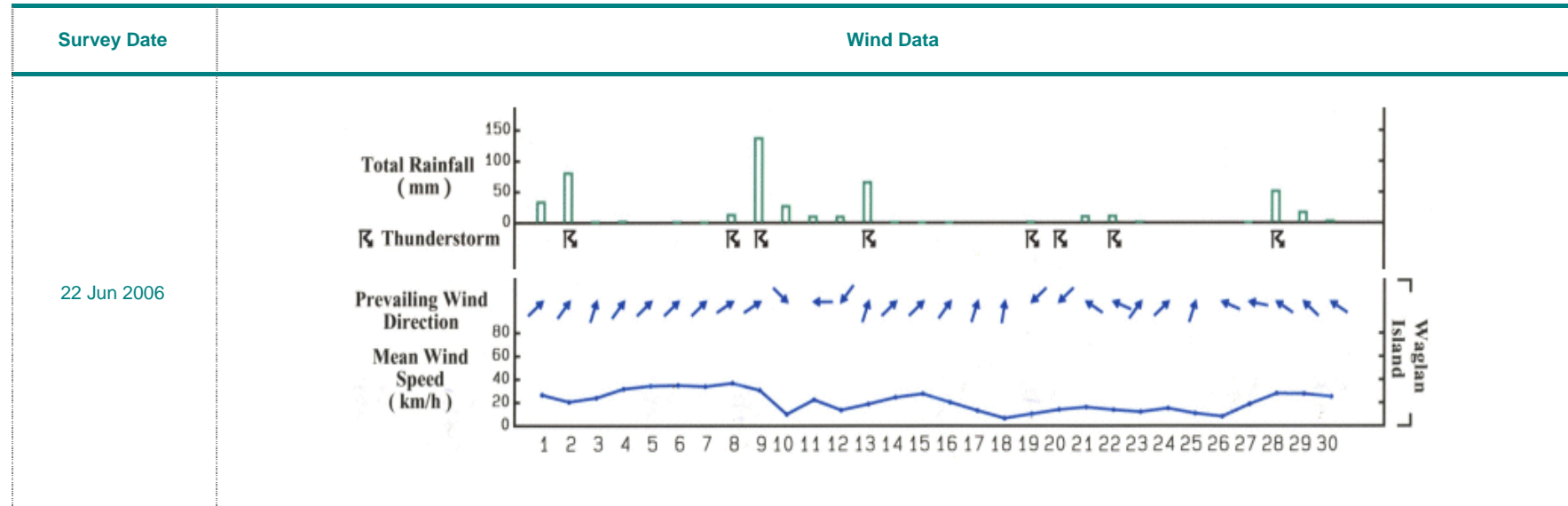
Appendix 6A

Wind Data Collected at Waglan by the Hong Kong
Observatory (May 2006 - July 2007)

Classification of Beaufort Scales

Descriptive Term	Beaufort Force(F)	Wind Speed	
Calm	F 0	< 1 kt	< 2 km/h
Light	F 1	1 - 3 kt	2 - 6 km/h
	F 2	4 - 6 kt	7 - 12 km/h
Moderate	F 3	7 - 10 kt	13 - 19 km/h
	F 4	11 - 16 kt	20 - 30 km/h
Fresh	F 5	17 - 21 kt	31 - 40 km/h
Strong	F 6	22 - 27 kt	41 - 51 km/h
	F 7	28 - 33 kt	52 - 62 km/h
Gale	F 8	34 - 40 kt	63 - 75 km/h
	F 9	41 - 47 kt	76 - 87 km/h
Storm	F 10	48 - 55 kt	88 - 103 km/h
	F 11	56 - 63 kt	104 - 117 km/h
Hurricane	F 12	>= 64 kt	>= 118 km/h

Source: Hong Kong Observation



Survey Date	Wind Data
6 & 22 Jul 2006	<p>Total Rainfall (mm)</p> <p>Thunderstorm</p> <p>Prevailing Wind Direction</p> <p>Mean Wind Speed (km/h)</p> <p>155.6</p> <p>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31</p> <p>Waglan Island</p>
8, 15 & 21 Aug 2006	<p>Total Rainfall (mm)</p> <p>Thunderstorm</p> <p>Prevailing Wind Direction</p> <p>Mean Wind Speed (km/h)</p> <p>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31</p> <p>Waglan Island</p>

Survey Date	Wind Data
1 & 20 Sep 2006	
5 & 23 Oct 2006	

Survey Date	Wind Data
Nov 2006	<p>The chart for Nov 2006 displays four data series over a 30-day period. The y-axis for the top two series ranges from 0 to 150 mm. The bottom two series share a y-axis from 0 to 80 km/h. The x-axis is labeled 1 to 30. Total rainfall is shown as green bars, with a notable peak of approximately 60 mm on day 21. Thunderstorms are indicated by 'R' symbols on days 21 and 22. Prevailing wind direction is shown as blue arrows, generally pointing from the west-northwest. Mean wind speed is shown as a blue line, fluctuating between approximately 10 and 45 km/h.</p>
8 Dec 2006	<p>The chart for 8 Dec 2006 displays three data series over a 31-day period. The y-axis for the top series ranges from 0 to 150 mm. The bottom two series share a y-axis from 0 to 80 km/h. The x-axis is labeled 1 to 31. Total rainfall is shown as green bars, with minimal activity (small peaks around 10 mm on days 13, 14, and 15). Prevailing wind direction is shown as blue arrows, generally pointing from the west-northwest. Mean wind speed is shown as a blue line, fluctuating between approximately 15 and 45 km/h.</p>

Survey Date	Wind Data
5 & 16 Jan 2007	<p>The chart for 5 & 16 Jan 2007 displays three data series over a 31-day period. The top series, 'Total Rainfall (mm)', is a bar chart with a y-axis from 0 to 150. It shows minimal rainfall, with a few small bars around 10 mm on days 3, 17, and 20. The middle series, 'Prevailing Wind Direction', is represented by blue arrows pointing generally towards the left (West/Northwest). The bottom series, 'Mean Wind Speed (km/h)', is a line graph with a y-axis from 0 to 80. The speed fluctuates between approximately 10 and 40 km/h throughout the period. A bracket on the right side of the chart is labeled 'Waglan Island'.</p>
9 & 14 Feb 2007	<p>The chart for 9 & 14 Feb 2007 displays three data series over a 28-day period. The top series, 'Total Rainfall (mm)', is a bar chart with a y-axis from 0 to 150. It shows almost no rainfall, with only a very small bar on day 24. The middle series, 'Prevailing Wind Direction', is represented by blue arrows pointing generally towards the left (West/Northwest). The bottom series, 'Mean Wind Speed (km/h)', is a line graph with a y-axis from 0 to 80. The speed fluctuates between approximately 5 and 40 km/h. A bracket on the right side of the chart is labeled 'Waglan Island'.</p>

Survey Date	Wind Data
5, 16 & 27 Mar 2007	
13 Apr 2007	

Survey Date	Wind Data
2, 7 & 17 May 2007	<p>This chart displays wind data for the period of 2, 7, and 17 May 2007. The y-axis represents Total Rainfall (mm) and Mean Wind Speed (km/h), ranging from 0 to 150. The x-axis represents days from 1 to 31. The chart includes four data series: Total Rainfall (mm) shown as green bars, Thunderstorm indicated by lightning bolt symbols, Prevailing Wind Direction shown as blue arrows, and Mean Wind Speed (km/h) shown as a blue line. A vertical bracket on the right side of the chart is labeled 'Waglan Island'.</p>
6, 18 Jun 2007	<p>This chart displays wind data for the period of 6 and 18 June 2007. The y-axis represents Total Rainfall (mm) and Mean Wind Speed (km/h), ranging from 0 to 150. The x-axis represents days from 1 to 30. The chart includes four data series: Total Rainfall (mm) shown as green bars, Thunderstorm indicated by lightning bolt symbols, Prevailing Wind Direction shown as blue arrows, and Mean Wind Speed (km/h) shown as a blue line. A vertical bracket on the right side of the chart is labeled 'Waglan Island'.</p>

