

Preliminary Wind Resource Assessment

Belmont 70m Met Tower Data Report (March 2004)

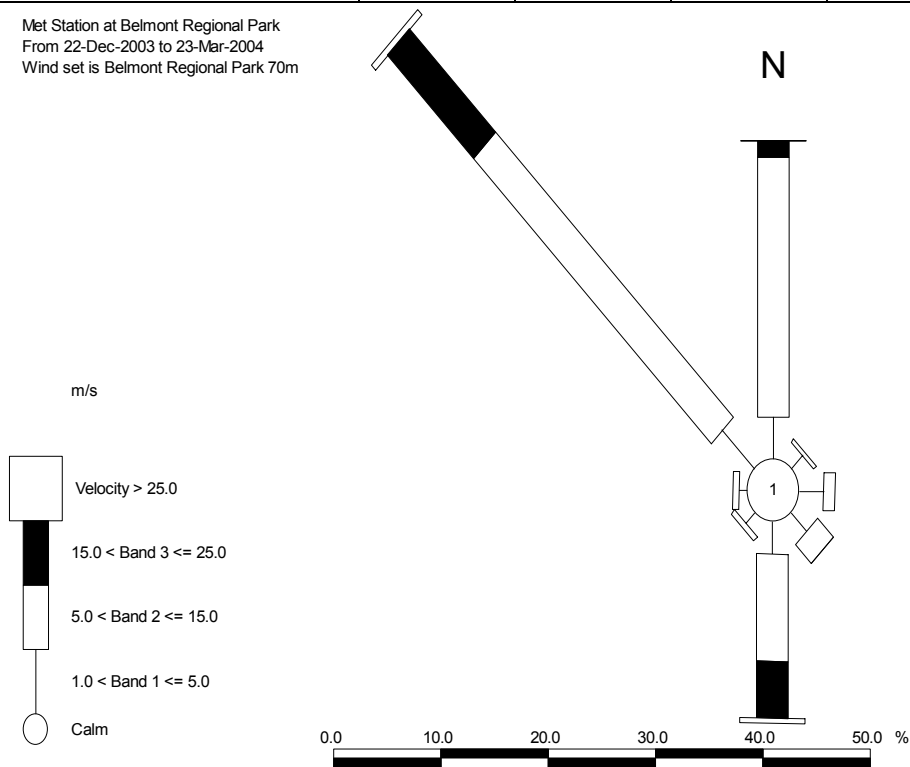
Data Summary

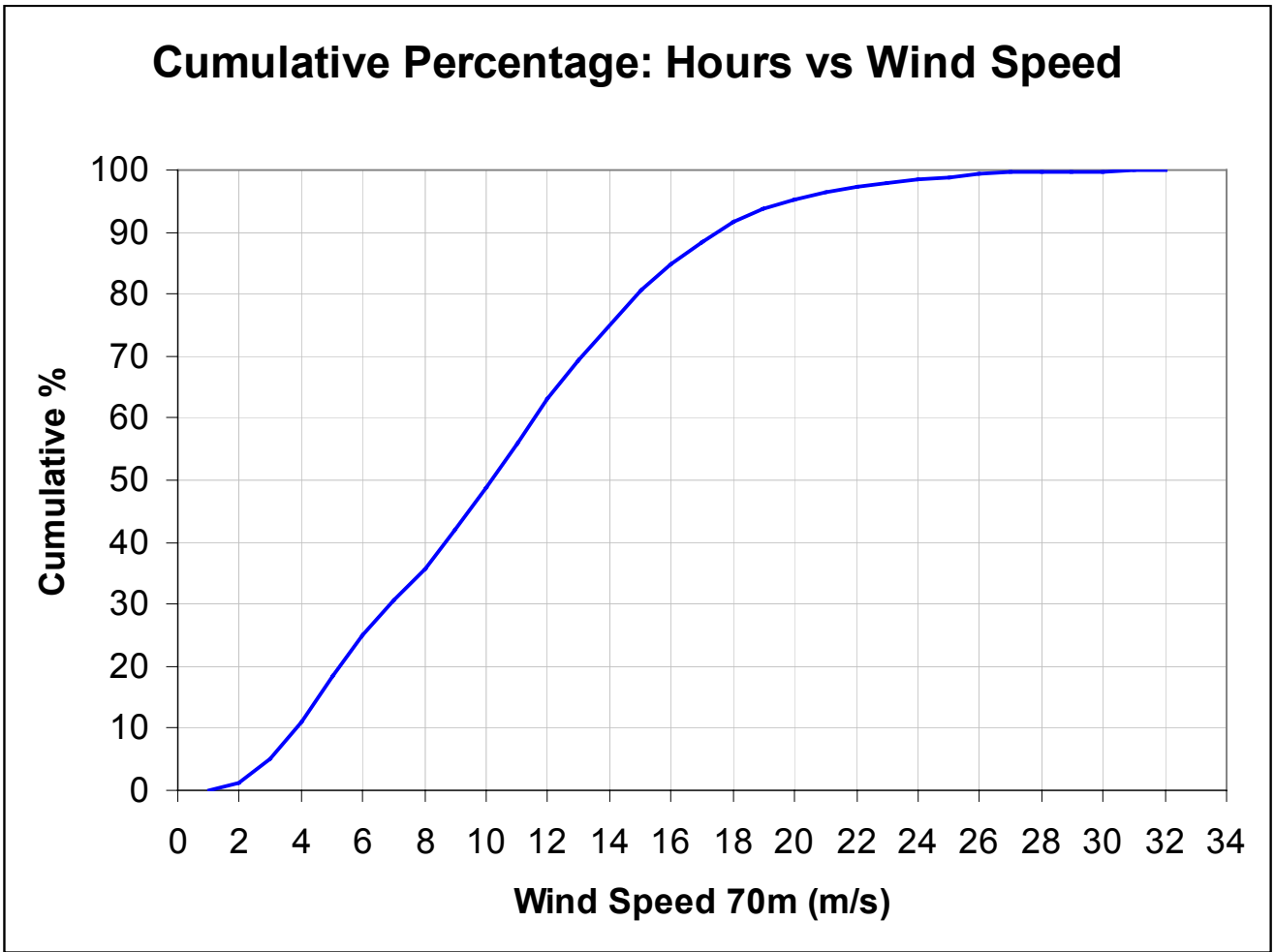
Recording Period	Start		Finish	
	Date	Time	Date	Time
10m Wind Speed	2/12/03	10:50:00	23/03/03	12:30:00
30m Wind Speed	2/12/03	10:50:00	23/03/03	12:30:00
50m Wind Speed	-	-	-	-
70m Wind Speed/Direction	22/12/03	12:20:00	23/03/03	12:30:00
Temperature (8m)	25/11/03	08:40:00	23/03/03	12:30:00

Statistics Summary

	10 metres	30 metres	50 metres	70 metres
Minimum Wind Speed (m/s)	0	0	-	0.2
Average Wind Speed (m/s)	8.83	9.52	-	10.46
Maximum Wind Speed (m/s)	30.3	32.7	-	34.3
Maximum Gust (m/s)	41.4	44.1	-	43.3
Average Standard Deviation (m/s)	1.163	1.108	-	-

Met Station at Belmont Regional Park
From 22-Dec-2003 to 23-Mar-2004
Wind set is Belmont Regional Park 70m





Report prepared by Resource Investigations, Greater Wellington Regional Council