
APPENDIX A

COMPARATIVE PROBABILITY OF EXCEEDANCE PLOTS FOR WIND SPEED AT WILLIAMTOWN AIRBASE AND SYDNEY AIRPORT

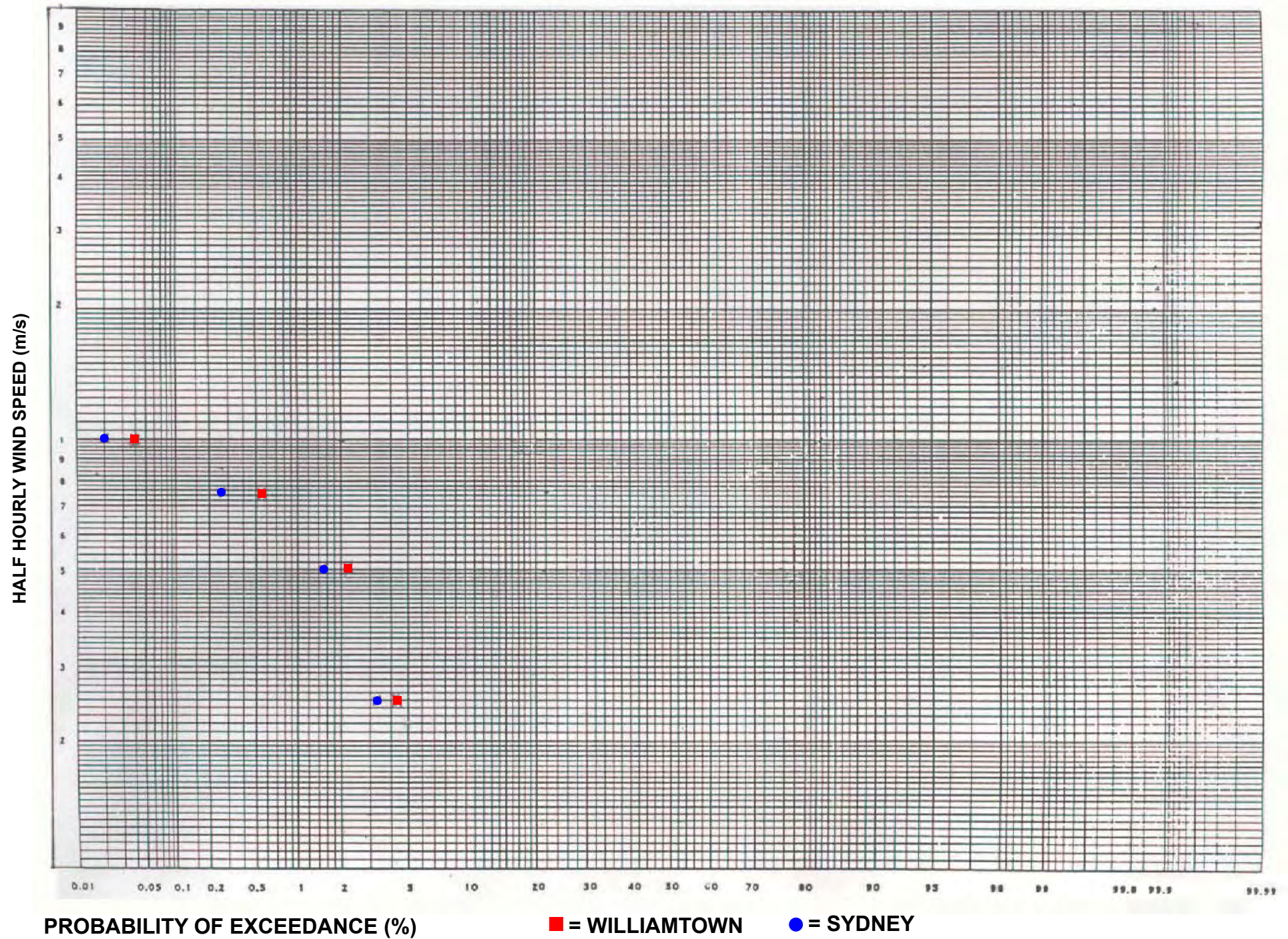
Table A-1: Wind direction-speed exceedance percentages for Sydney Airport, 1998 to 2006

Direction	Wind speed exceeded (m/s)								
	Calm	0	2.5	5	7.5	10	12.5	15	17.5
N		1.54	3.34	1.36	0.4	0.07	0	0	0
NNE		0.81	2.1	1.96	1.55	0.5	0.07	0.01	0
NE		0.61	1.55	1.72	1.27	0.28	0.04	0	0
ENE		0.45	0.92	1.04	0.44	0.03	0	0	0
E		0.66	1.72	1.21	0.24	0.02	0	0	0
ESE		0.41	1.31	1.07	0.27	0.04	0.01	0	0
SE		0.49	1.57	1.66	0.59	0.09	0.01	0	0
SSE		0.56	1.67	1.98	1.35	0.45	0.09	0.01	0
S		0.66	2.1	3.46	3.56	1.65	0.47	0.11	0.03
SSW		0.42	1.09	1.19	1.14	0.5	0.14	0.05	0.02
SW		0.52	1.22	0.76	0.37	0.09	0.02	0.01	0
WSW		0.75	1.63	1.3	0.72	0.17	0.03	0.01	0
W		1.55	2.81	1.91	1.1	0.4	0.09	0.02	0
WNW		1.39	2.87	0.8	0.44	0.23	0.06	0.02	0
NW		1.89	3.99	0.71	0.27	0.1	0.02	0.01	0
NNW		1.27	2.97	0.54	0.2	0.06	0.01	0	0
TOTAL		13.97	32.87	22.68	13.92	4.67	1.09	0.25	0.07
Cumulative total	100	89.52	75.55	42.68	20	6.08	1.41	0.32	0.07

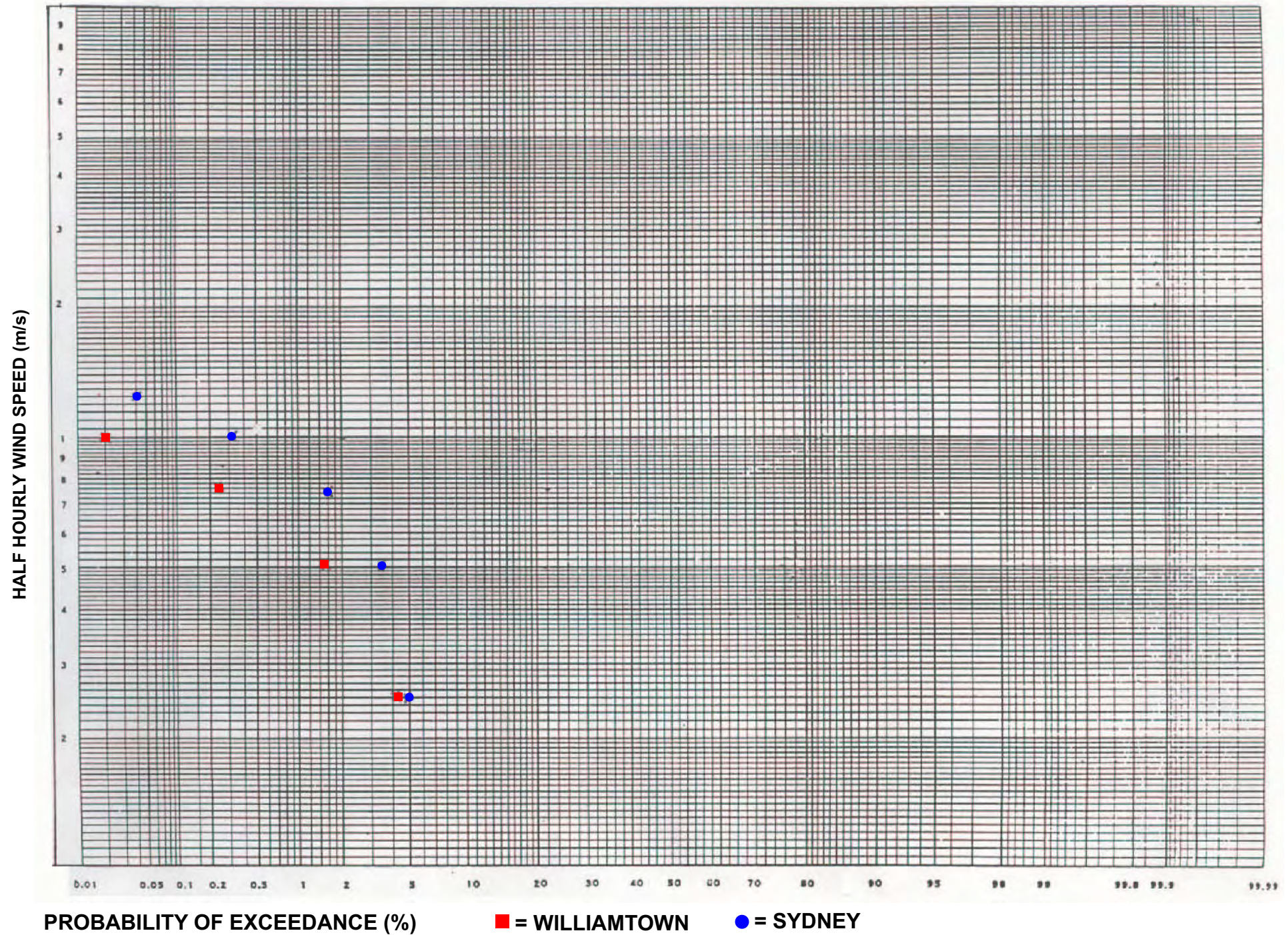
Table A-2: Wind direction-speed exceedance percentages for Williamtown Airbase, 1998 to 2006

Direction	Wind speed exceeded (m/s)								
	Calm	0	2.5	5	7.5	10	12.5	15	17.5
N		2.02	1.65	0.13	0.01	0	0	0	0
NNE		1.21	1.8	0.3	0.03	0	0	0	0
NE		1.15	2.72	1.32	0.22	0.02	0	0	0
ENE		0.95	1.88	1.43	0.61	0.06	0	0	0
E		1.03	2.11	1.64	0.51	0.04	0	0	0
ESE		0.51	1.63	1.71	0.44	0.02	0	0	0
SE		0.55	1.7	1.99	0.56	0.1	0.02	0	0
SSE		0.5	1.52	2	1.12	0.26	0.03	0	0
S		0.63	1.85	2.53	1.82	0.6	0.1	0.02	0
SSW		0.36	0.89	0.9	0.56	0.17	0.04	0.01	0
SW		0.41	0.77	0.58	0.29	0.06	0.01	0	0
WSW		0.55	1.13	0.54	0.17	0.06	0.01	0	0
W		1.43	2.8	1.65	0.77	0.28	0.08	0.02	0
WNW		2.16	5.11	3.65	2.45	1.27	0.47	0.17	0.04
NW		1.95	3.98	0.98	0.57	0.29	0.12	0.03	0.01
NNW		1.27	1.43	0.18	0.06	0.01	0	0	0
TOTAL		16.65	32.98	21.52	10.17	3.23	0.89	0.26	0.05
Cumulative total	100	85.75	69.1	36.12	14.6	4.43	1.2	0.31	0.05

EASTERLY WIND



NORTH EASTERLY WIND



SOUTH EASTERLY WIND

