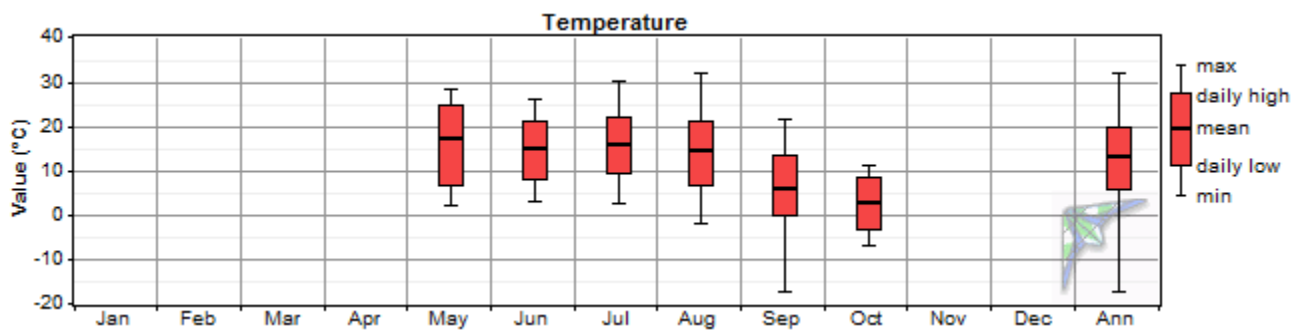


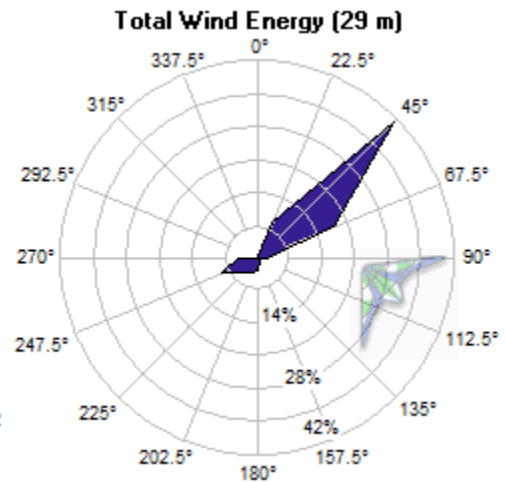
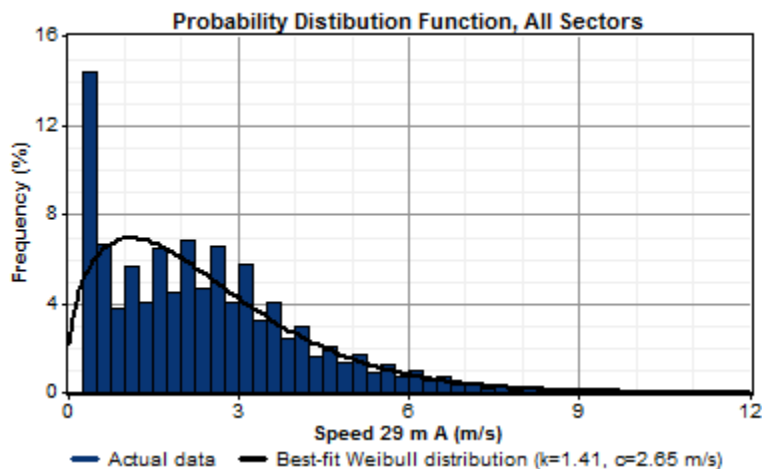
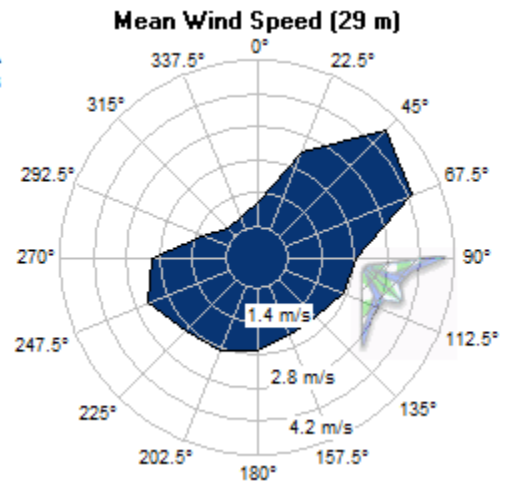
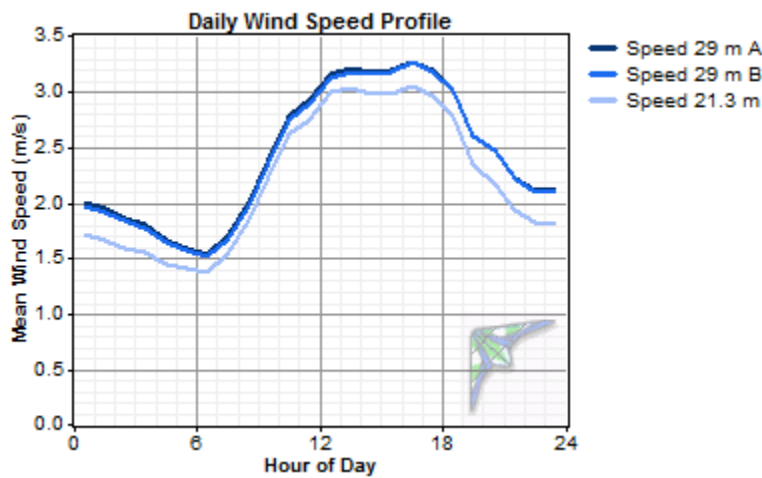
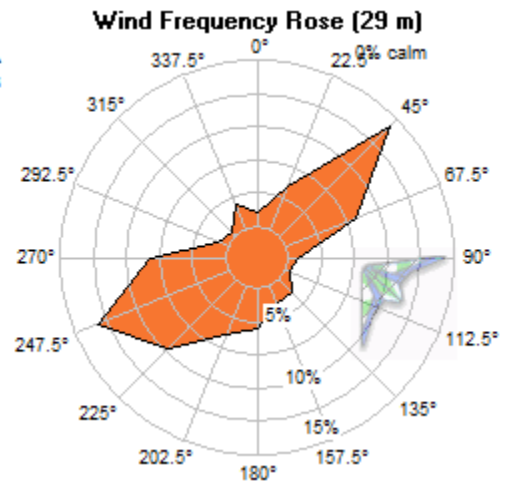
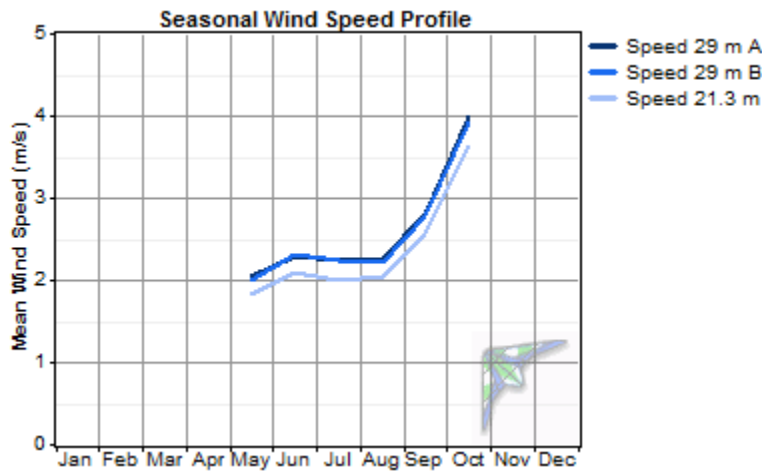
Data Set Properties

Data Set: Minto 0030.windog
 Report Created: 10/25/2010 22:49

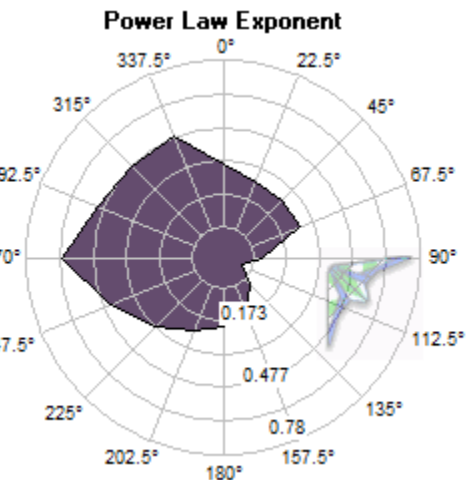
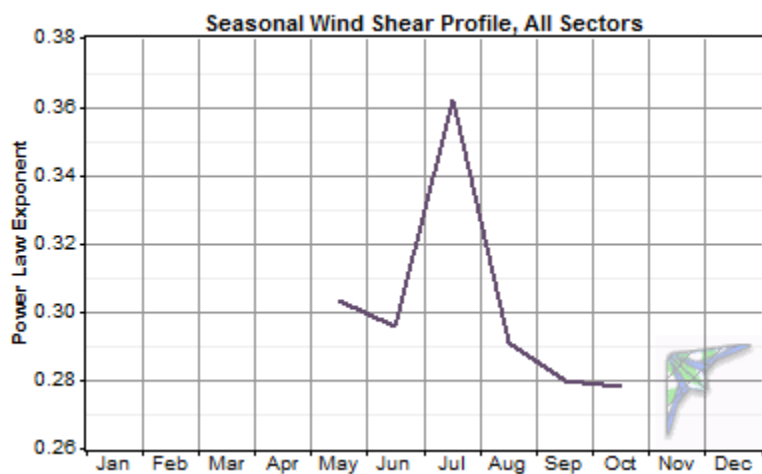
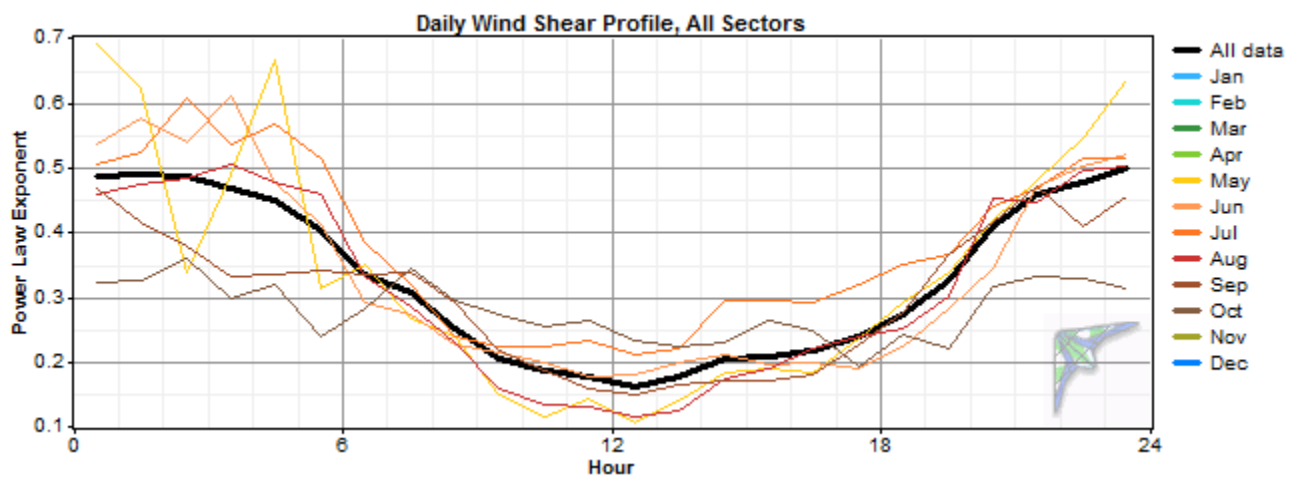
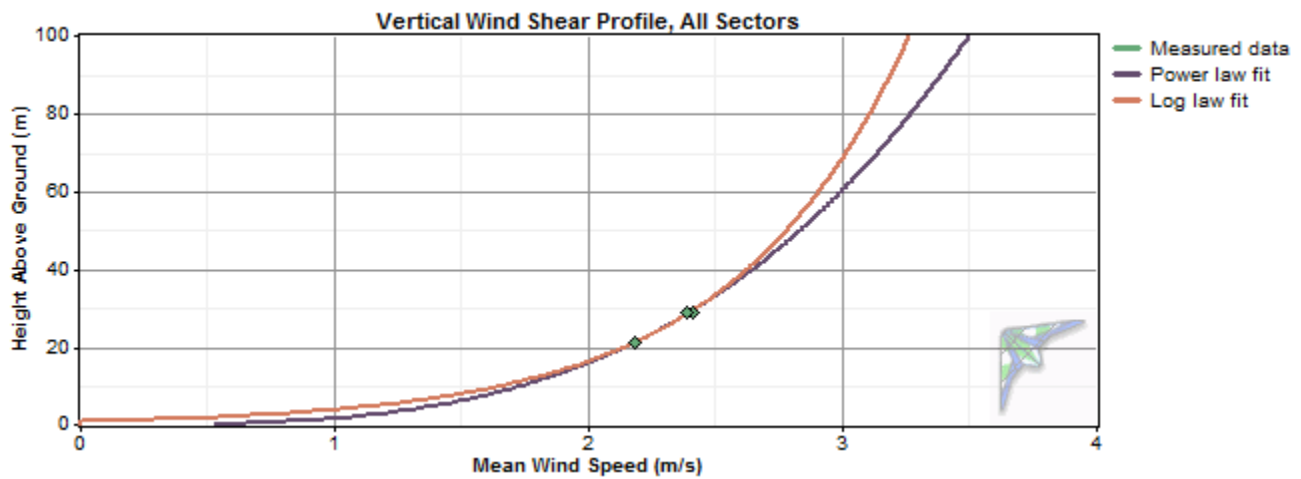
Variables	Values
Latitude	N 65° 47' 0.000"
Longitude	W 171° 43' 0.000"
Elevation	20 m
Start date	5/20/2010 00:00
End date	10/4/2010 12:00
Duration	4.5 months
Length of time step	10 minutes
Calm threshold	0 m/s
Mean temperature	13.3 °C
Mean pressure	101.1 kPa
Mean air density	1.230 kg/m ³
Power density at 50m	50 W/m ²
Wind power class	1 (Poor)
Power law exponent	0.304
Surface roughness	0.928 m
Roughness class	3.85
Roughness description	Suburban



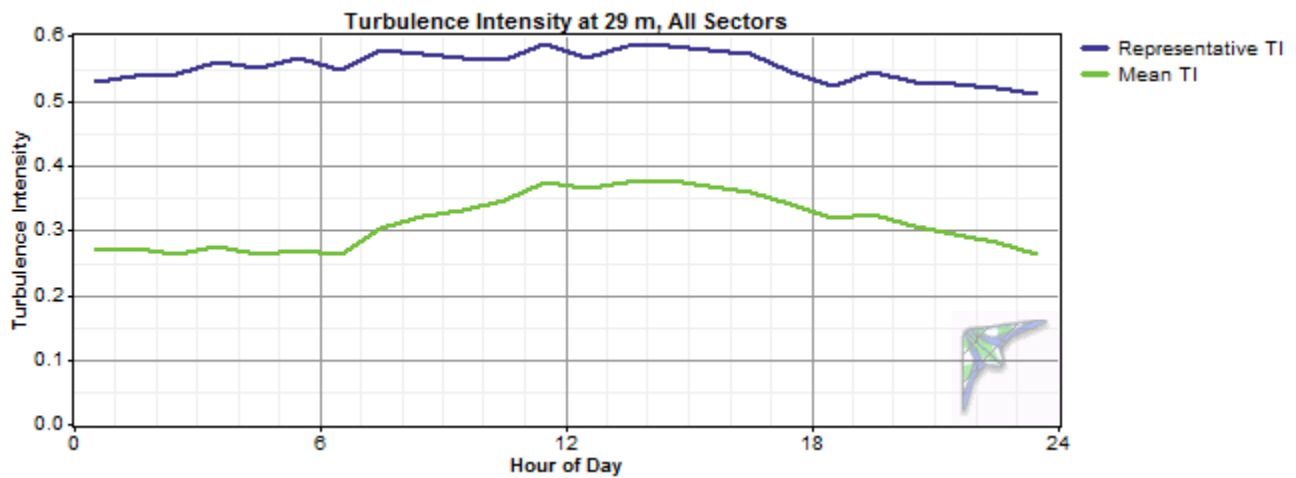
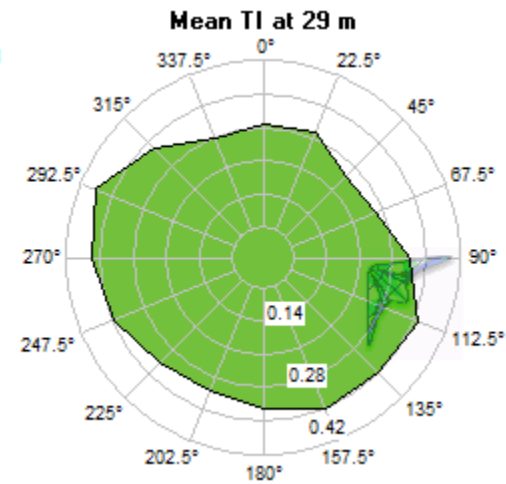
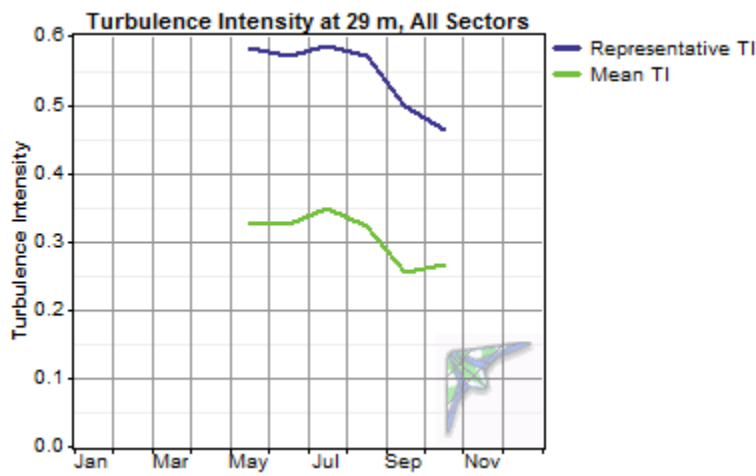
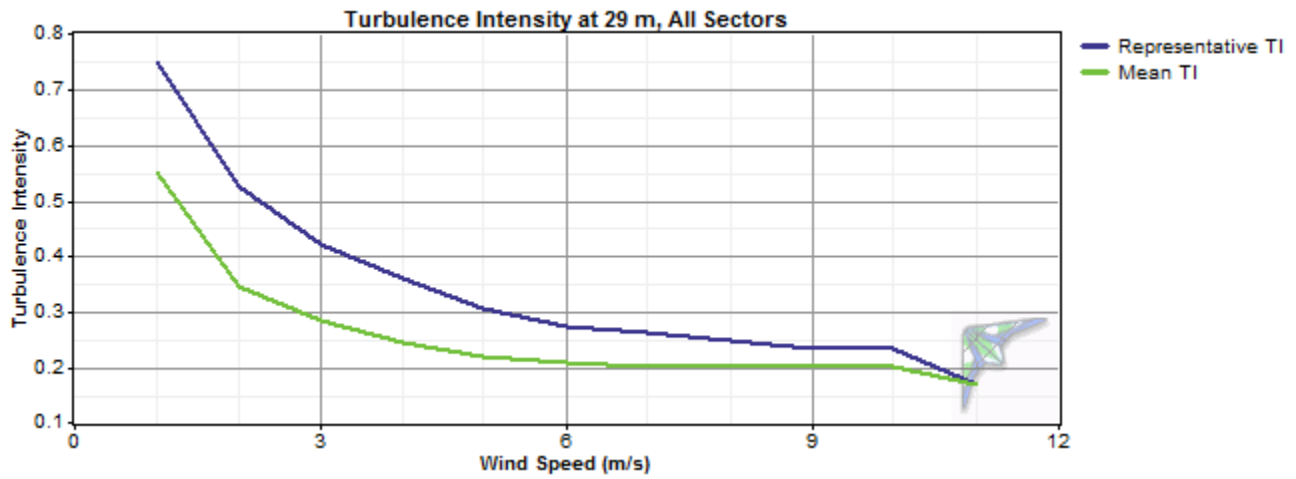
Wind Speed and Direction



Wind Shear



Turbulence Intensity



Data Column Properties

Label	Units	Height	Possible Records	Valid Records	Recovery Rate (%)	Mean	Min	Max	Std. Dev
Speed 29 m A	m/s	29 m	19,800	19,570	98.84	2.41	0.40	10.60	1.74
Speed 29 m A SD	m/s		19,800	19,570	98.84	0.675	0.000	4.700	0.434
Speed 29 m A Max	m/s		19,800	19,570	98.84	4.19	0.40	19.10	2.71
Speed 29 m A Min	m/s		19,800	19,570	98.84	1.024	0.400	6.100	0.955
Speed 29 m B	m/s	29 m	19,800	19,570	98.84	2.39	0.40	10.50	1.73
Speed 29 m B SD	m/s		19,800	19,570	98.84	0.669	0.000	4.500	0.430
Speed 29 m B Max	m/s		19,800	19,570	98.84	4.16	0.40	19.50	2.71
Speed 29 m B Min	m/s		19,800	19,570	98.84	1.015	0.400	6.500	0.941
Speed 21.3 m	m/s	21.3 m	19,800	19,570	98.84	2.188	0.400	9.800	1.627
Speed 21.3 m SD	m/s		19,800	19,570	98.84	0.662	0.000	4.100	0.428
Speed 21.3 m Max	m/s		19,800	19,570	98.84	3.97	0.40	20.20	2.62
Speed 21.3 m Min	m/s		19,800	19,570	98.84	0.877	0.400	5.700	0.836
Direction 29 m	°	29 m	19,800	19,571	98.84	172.5	0.0	356.0	101.5
Direction 29 m SD	°		19,800	19,571	98.84	18.9	0.0	133.0	16.5
Direction 29 m Max	°		19,800	19,571	98.84	152.9	0.0	359.0	109.4
Direction 29 m Min	°		19,800	19,571	98.84	0	0	0	0
CH8Avg			19,800	5,976	30.18	269.8	22.0	325.0	7.1
CH8SD			19,800	5,976	30.18	0.02	0.00	58.00	0.97
CH8Max			19,800	5,976	30.18	269.8	26.0	270.0	7.4
CH8Min			19,800	5,976	30.18	270	270	270	0
Temperature	°C		19,800	19,070	96.31	13.28	-17.50	31.70	7.24
Temperature SD	°C		19,800	19,070	96.31	0.065	0.000	2.000	0.124
Temperature Max	°C		19,800	19,070	96.31	13.60	-16.90	32.00	7.21
Temperature Min	°C		19,800	19,070	96.31	13.05	-17.90	31.70	7.26
Licor Pyranometer	W/sqm		19,800	11,797	59.58	120.1	0.0	730.0	155.5
Licor Pyranometer SD	W/sqm		19,800	11,797	59.58	12.6	0.0	297.0	32.4
Licor Pyranometer Max	W/sqm		19,800	11,797	59.58	144.7	0.0	948.0	192.6
Licor Pyranometer Min	W/sqm		19,800	11,797	59.58	99.9	0.0	630.0	133.5
CH12Avg			19,800	5,976	30.18	5.388	5.000	9.000	0.731
CH12SD			19,800	5,976	30.18	0.241	0.000	1.000	0.428
CH12Max			19,800	5,976	30.18	8.19	7.00	21.00	0.45
CH12Min			19,800	5,976	30.18	5.045	0.000	9.000	0.405