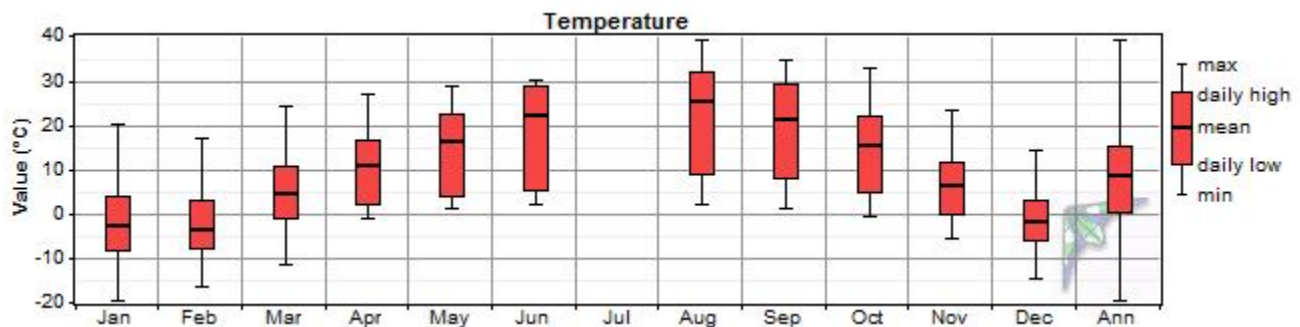


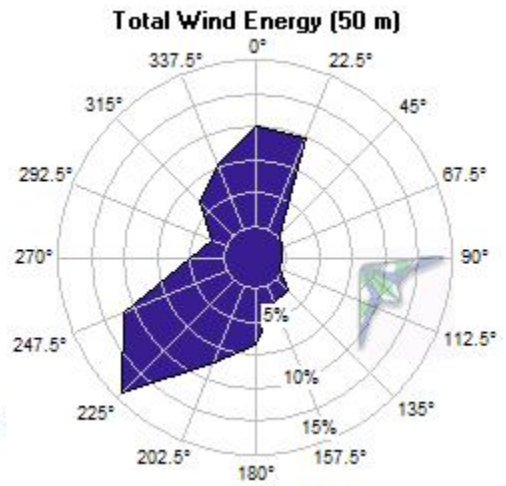
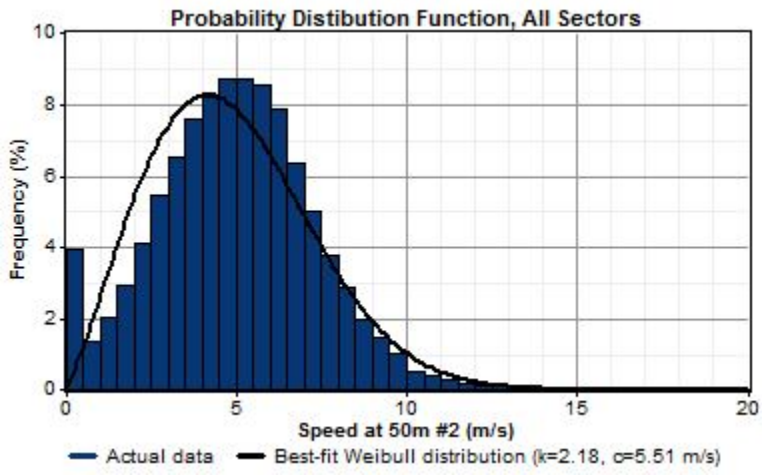
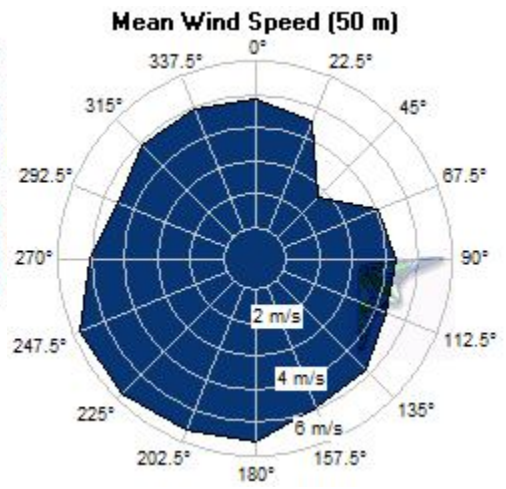
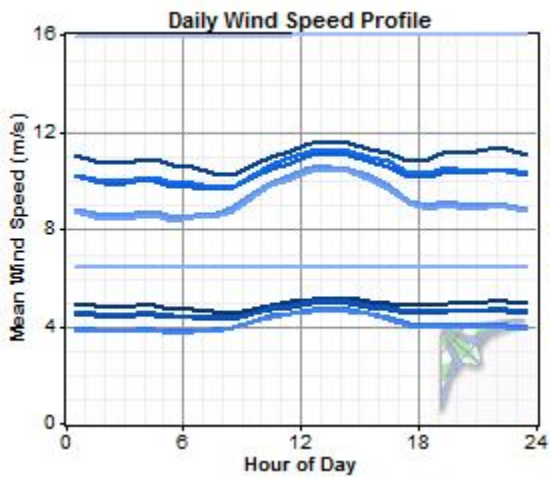
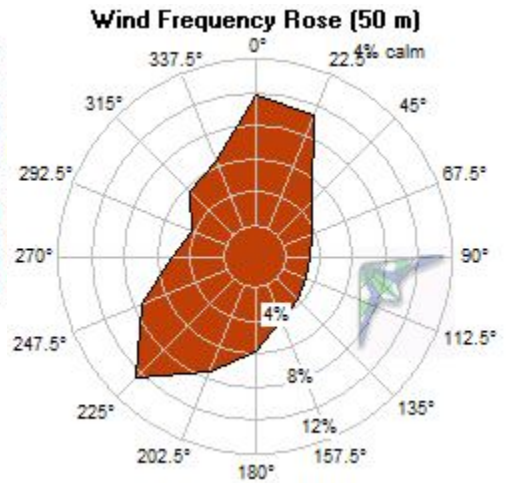
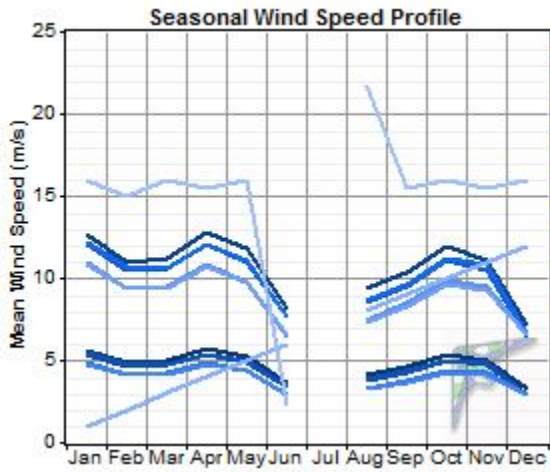
Data Set Properties

Data Set: Hancock_Co_1_.windog
 Report Created: 3/27/2013 09:59

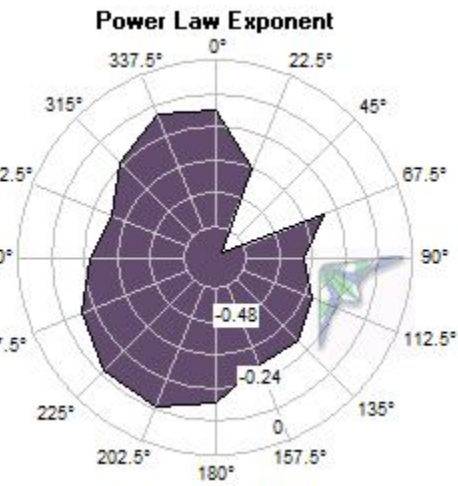
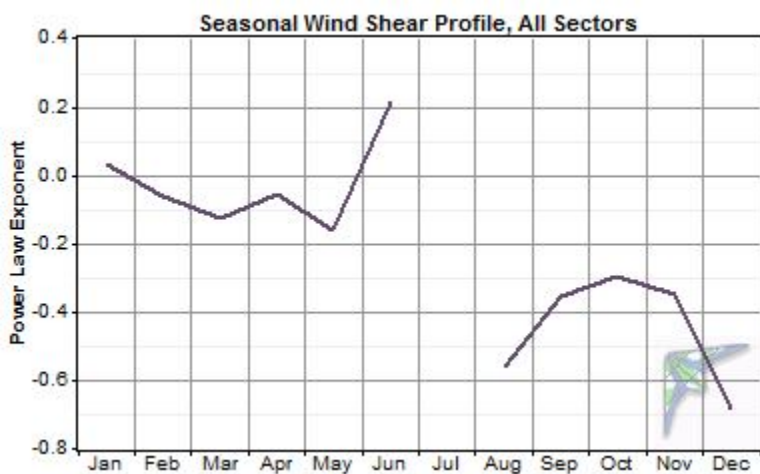
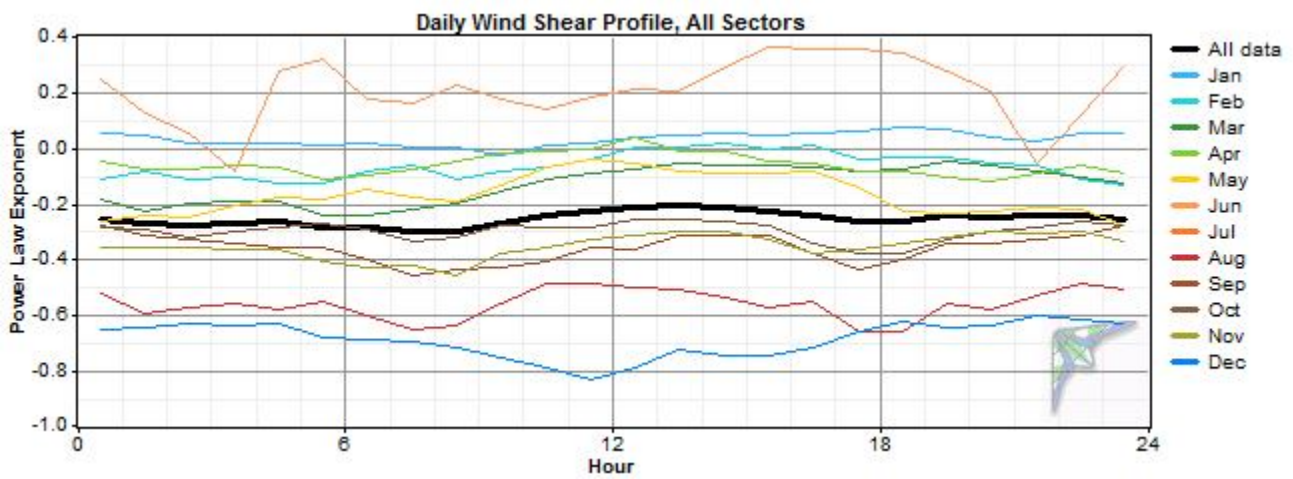
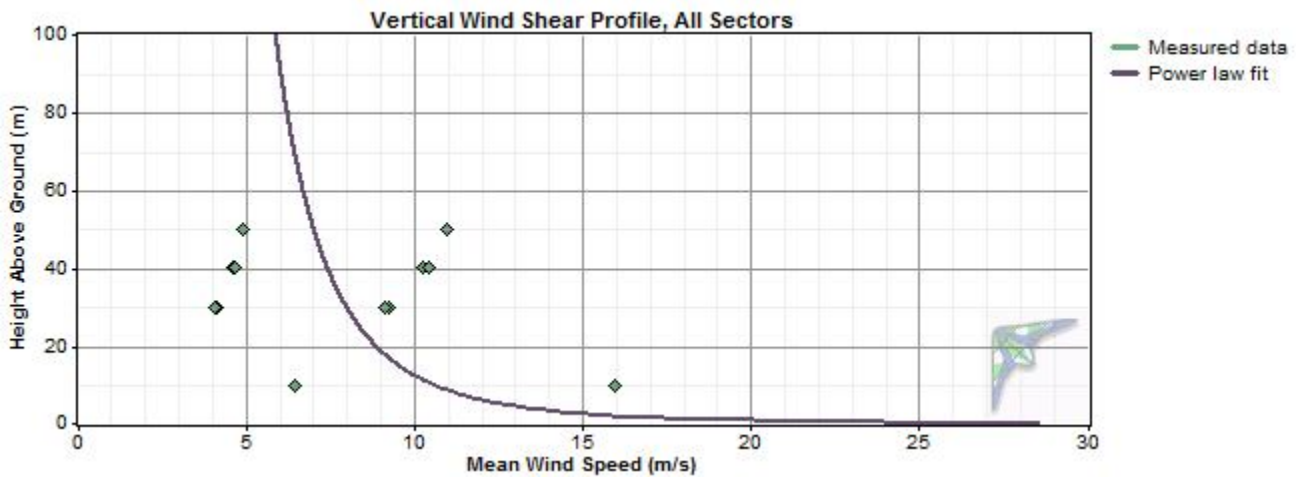
Variables	Values
Latitude	N 0° 0' 0.000"
Longitude	E 0° 0' 0.000"
Elevation	0 m
Start date	8/12/2007 12:10
End date	6/4/2008 11:30
Duration	9.8 months
Length of time step	10 minutes
Calm threshold	0 m/s
Mean temperature	9.04 °C
Mean pressure	101.3 kPa
Mean air density	1.252 kg/m ³
Power density at 50m	496 W/m ²
Wind power class	4 (Good)
Power law exponent	-0.254
Surface roughness	0.01 m
Roughness class	0.78
Roughness description	Rough pasture



Wind Speed and Direction



Wind Shear



Data Column Properties

Label	Units	Height	Possible Records	Valid Records	Recovery Rate (%)	Mean	Min	Max	Std. Dev
No.			42,764	42,764	100	26,963	5,582	48,345	12,345
Temperature at 2m	°C		42,764	42,764	100	9.04	-19.50	39.10	11.31
Speed at 30m #1	m/s	30 m	42,764	42,764	100	4.13	0.00	13.90	2.09
Speed at 30m #2	m/s	30 m	42,764	42,764	100	4.08	0.00	13.70	2.04
Speed at 40m #1	m/s	40 m	42,764	42,764	100	4.59	0.00	15.30	2.26
Speed at 40m #2	m/s	40 m	42,764	42,764	100	4.64	0.00	15.60	2.29
Speed at 50m #2	m/s	50 m	42,764	42,764	100	4.90	0.00	16.70	2.33
Speed at 30m #1	m/s	30 m	42,764	42,764	100	9.26	0.00	31.09	4.69
Speed at 30m #2	m/s	30 m	42,764	42,764	100	9.14	0.00	30.65	4.56
Speed at 40m #1	m/s	40 m	42,764	42,764	100	10.27	0.00	34.23	5.07
Speed at 40m #2	m/s	40 m	42,764	42,764	100	10.40	0.00	34.90	5.12
Speed at 50m #2	m/s	50 m	42,764	42,764	100	10.98	0.00	37.36	5.22
Direction at 30m	°	30 m	42,764	42,764	100	72.0	0.0	359.0	73.1
Direction at 50m	°	50 m	42,764	42,764	100	177.1	0.0	359.0	110.7
Year			42,764	42,764	100	2,008	2,007	2,008	1
Month	m/s	10 m	42,764	42,764	100	6.45	1.00	12.00	3.81
Day	m/s	10 m	42,764	42,764	100	15.97	1.00	31.00	8.83