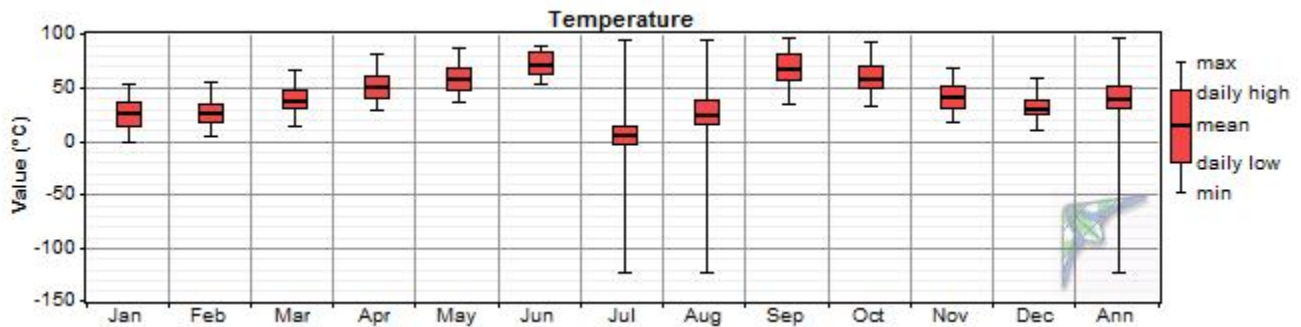


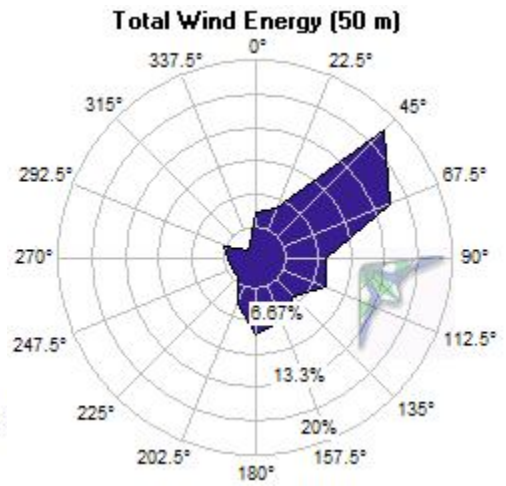
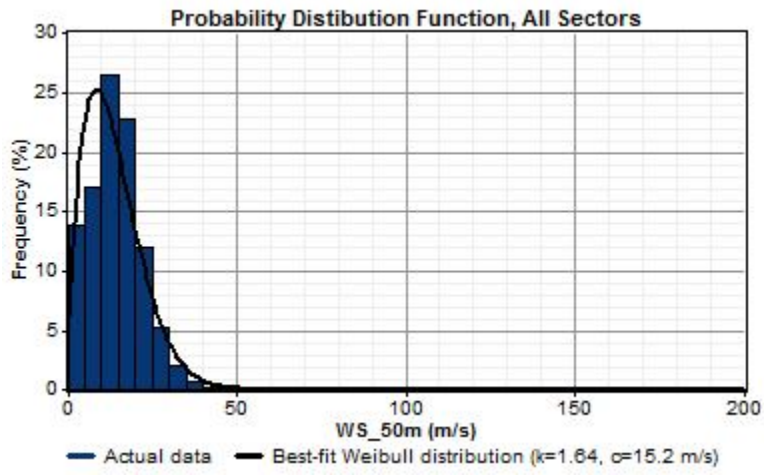
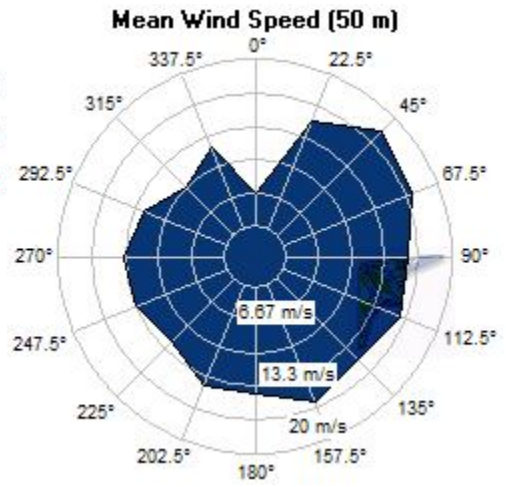
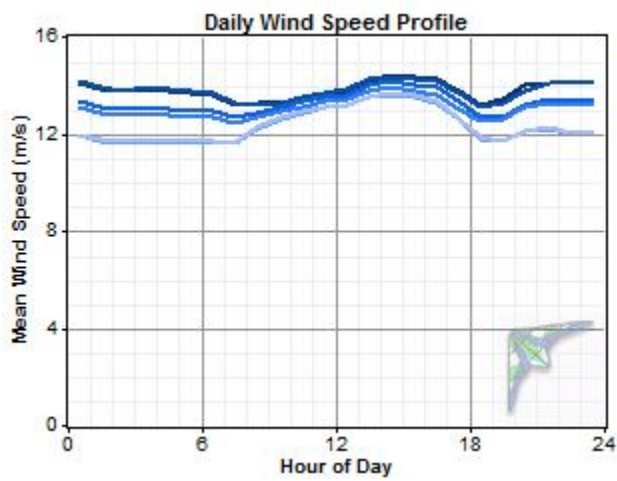
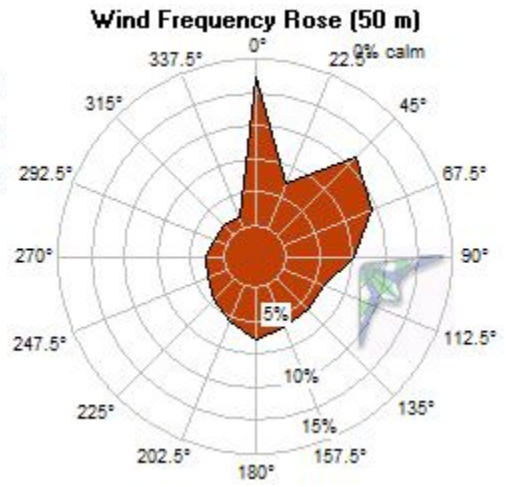
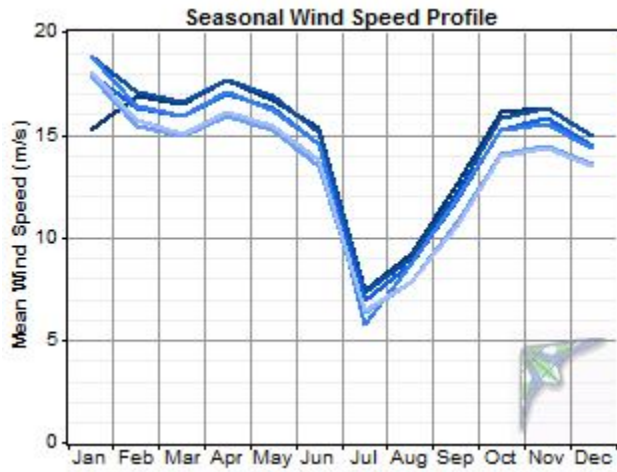
Data Set Properties

Data Set: Vermillion_Co_1_06302007_09142008.windog
 Report Created: 3/27/2013 11:04

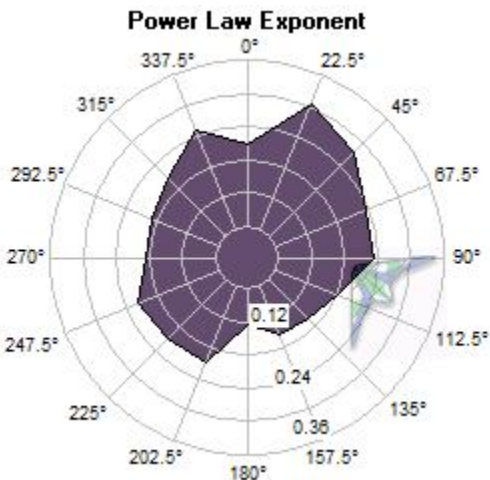
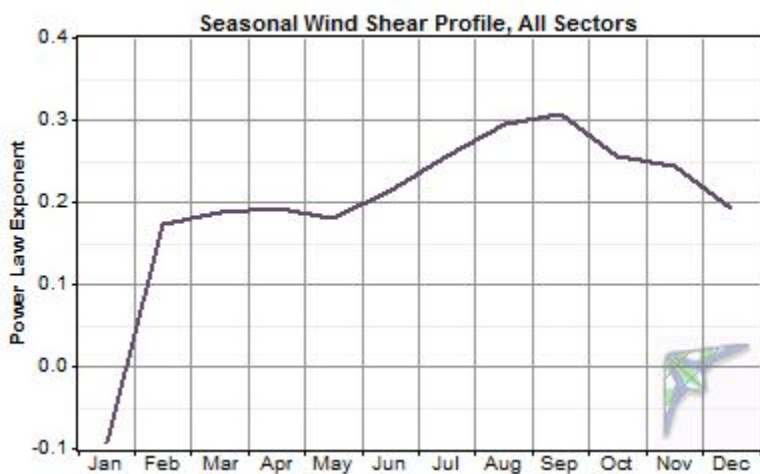
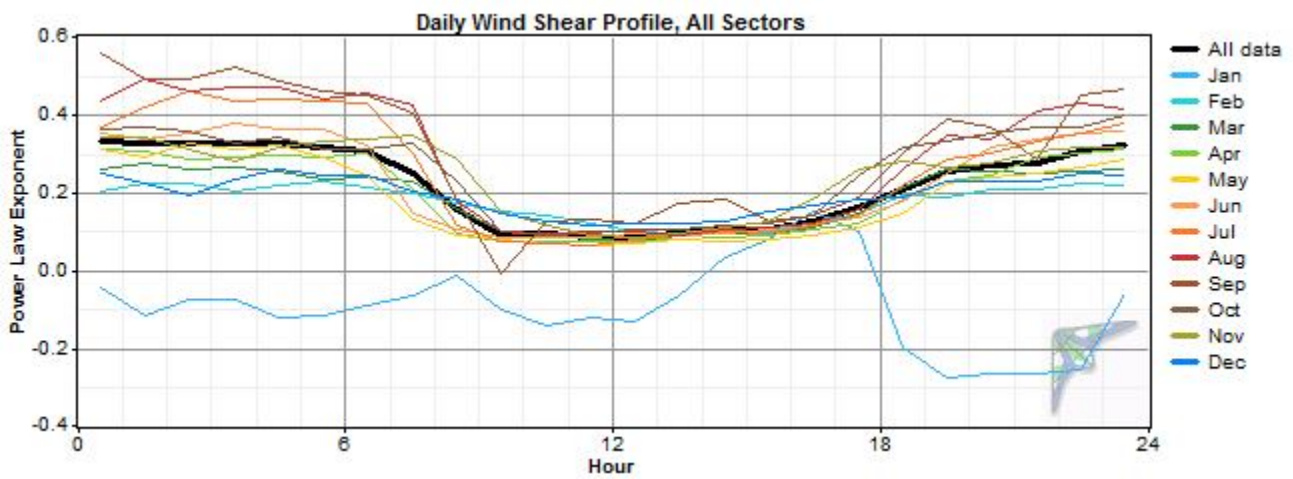
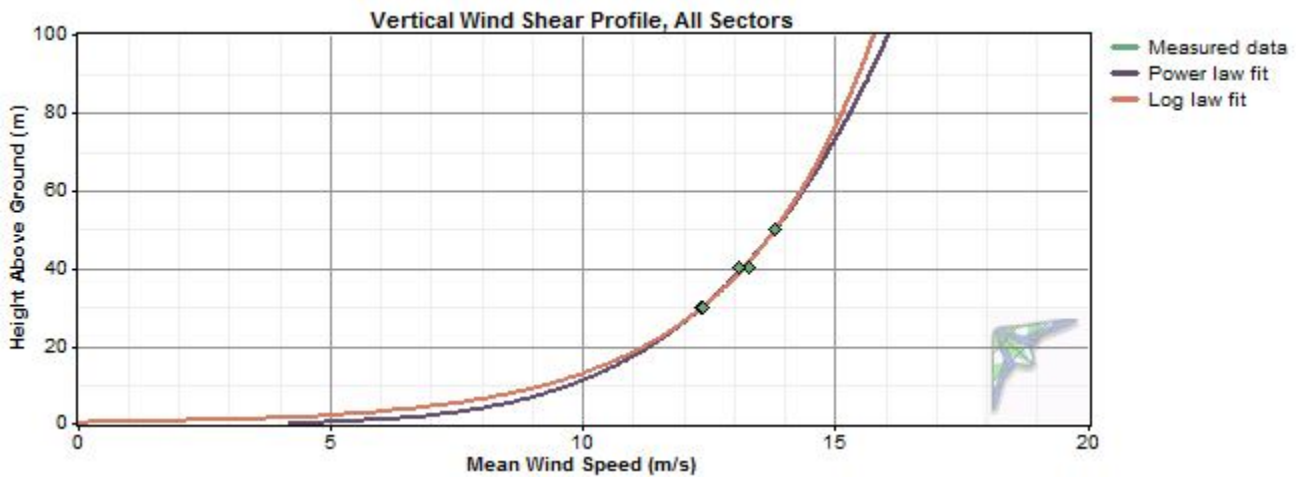
Variables	Values
Latitude	N 0° 0' 0.000" N39 54 ' 7.801
Longitude	E 0° 0' 0.000" W87 53 ' 30.177
Elevation	0 m
Start date	6/30/2007 16:50
End date	9/14/2008 16:50
Duration	15 months
Length of time step	10 minutes
Calm threshold	0 m/s
Mean temperature	40.3 °C
Mean pressure	101.3 kPa
Mean air density	1.188 kg/m ³
Power density at 50m	3,528 W/m ²
Wind power class	8 (Superb)
Power law exponent	0.216
Surface roughness	0.377 m
Roughness class	3.10
Roughness description	Forest



Wind Speed and Direction



Wind Shear



Data Column Properties

Label	Units	Height	Possible Records	Valid Records	Recovery Rate (%)	Mean	Min	Max	Std. Dev
WS_30m	m/s	30 m	63,648	54,916	86.28	12.3	0.8	187.6	7.3
WS_30m2	m/s	30 m	63,648	54,916	86.28	12.4	0.8	194.8	7.4
WS_40m	m/s	40 m	63,648	54,916	86.28	13.3	0.8	188.7	7.6
WS_40m2	m/s	40 m	63,648	54,916	86.28	13.1	0.8	194.7	7.9
WS_50m	m/s	50 m	63,648	54,916	86.28	13.8	0.8	187.1	8.0
WS_50m2	m/s	50 m	63,648	54,916	86.28	13.8	0.8	184.9	7.9
WD_30m	°	30 m	63,648	54,916	86.28	160.6	0.0	359.0	100.8
WD_50m	°	50 m	63,648	54,916	86.28	138.2	0.0	359.0	104.8
Temp2m	°C		63,648	54,916	86.28	40.3	-123.5	96.4	51.5