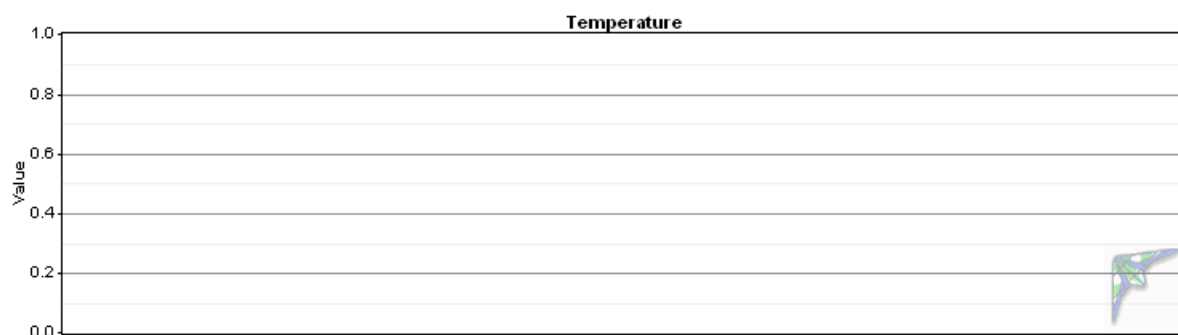


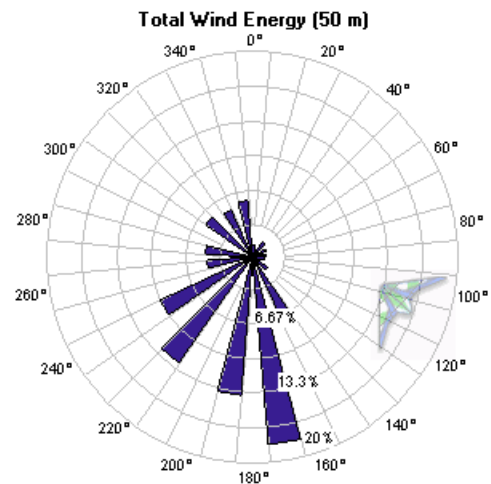
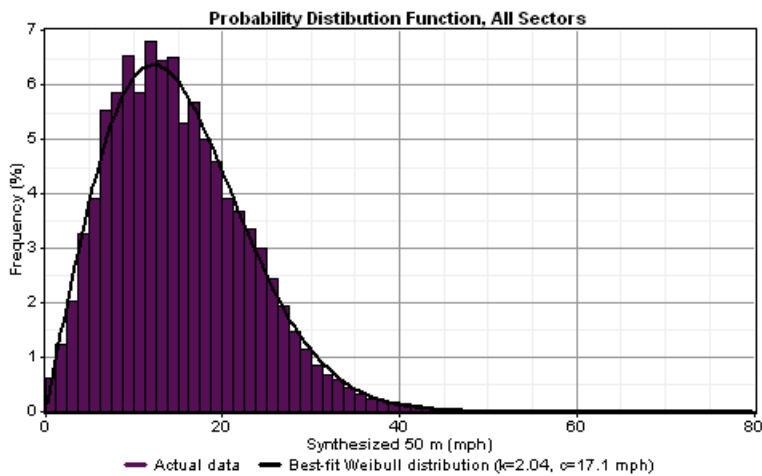
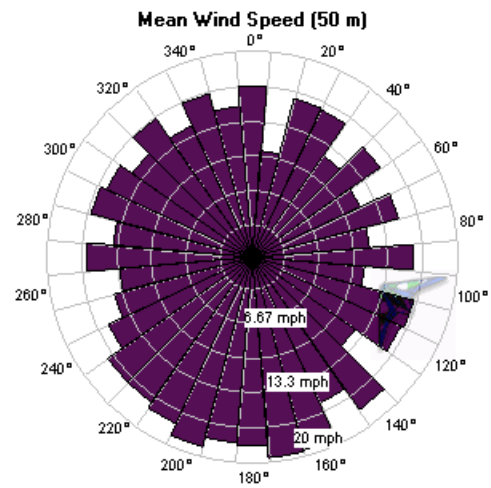
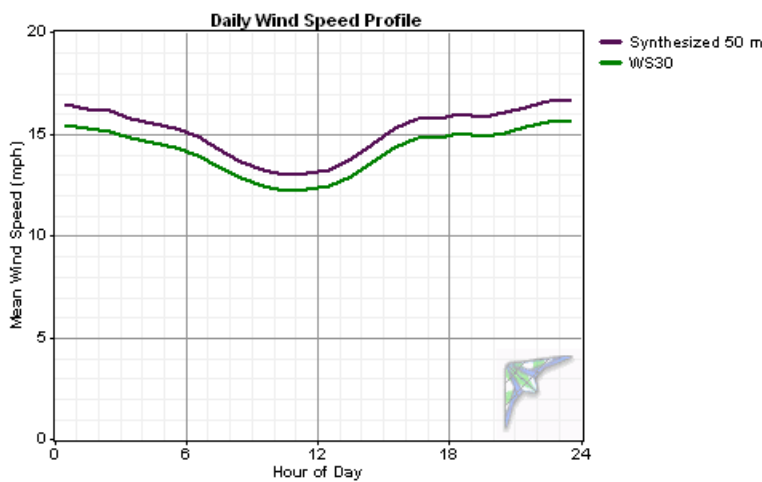
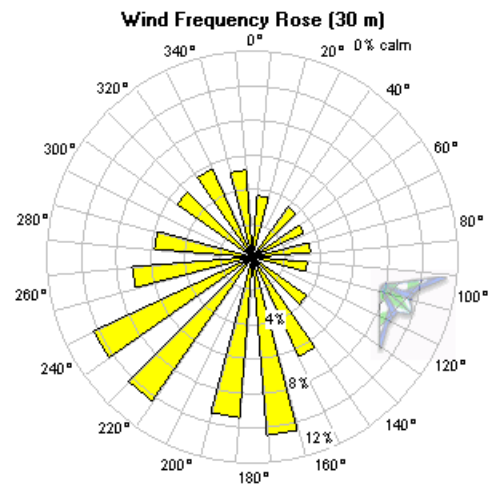
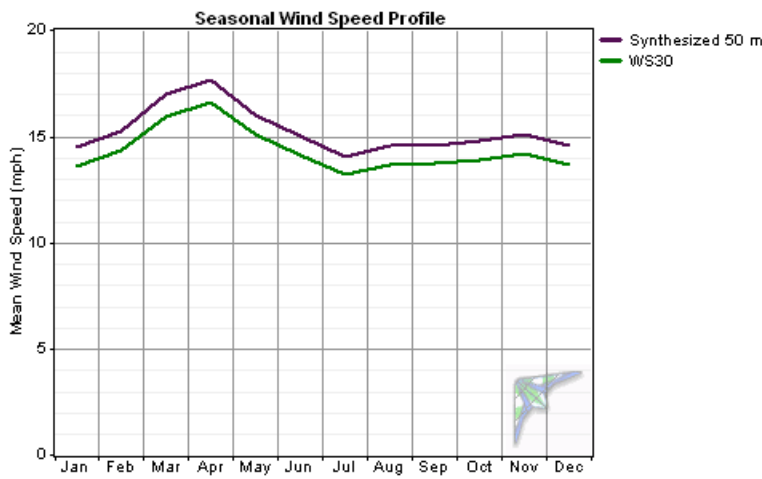
Data Set Properties

Data Set: Elizabeth_2006_0703_to_2011_0813_with_data_validation_missing_data_offset_80_WWS.windog
Report Created: 8/23/2011 23:18

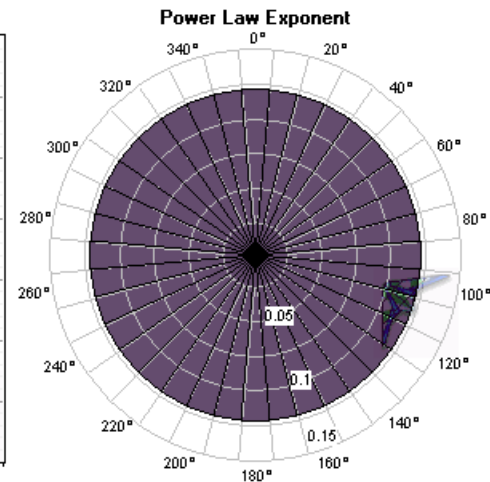
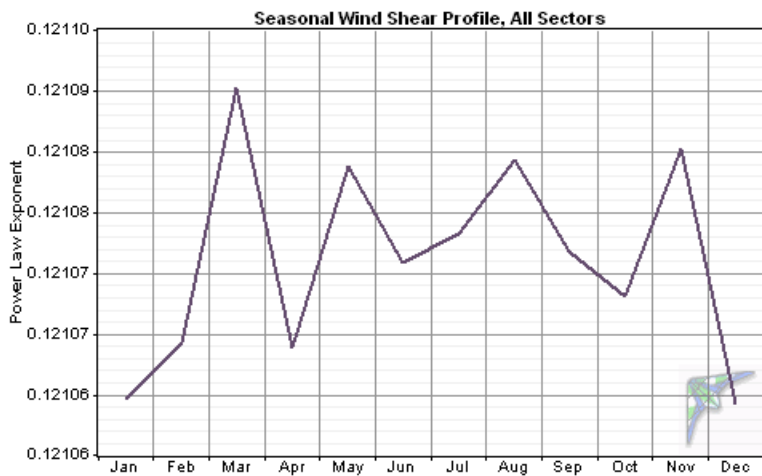
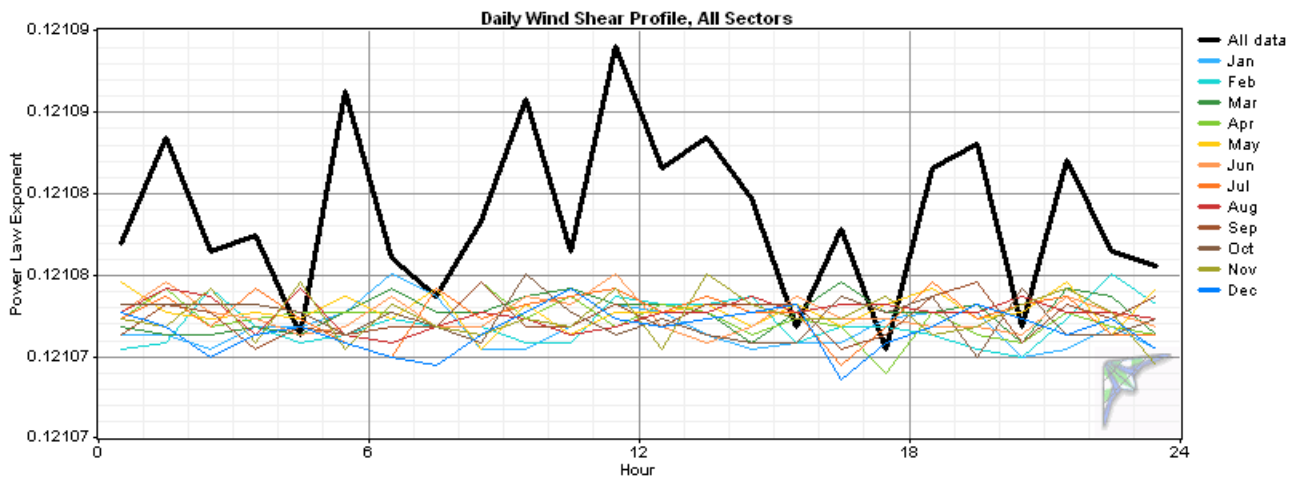
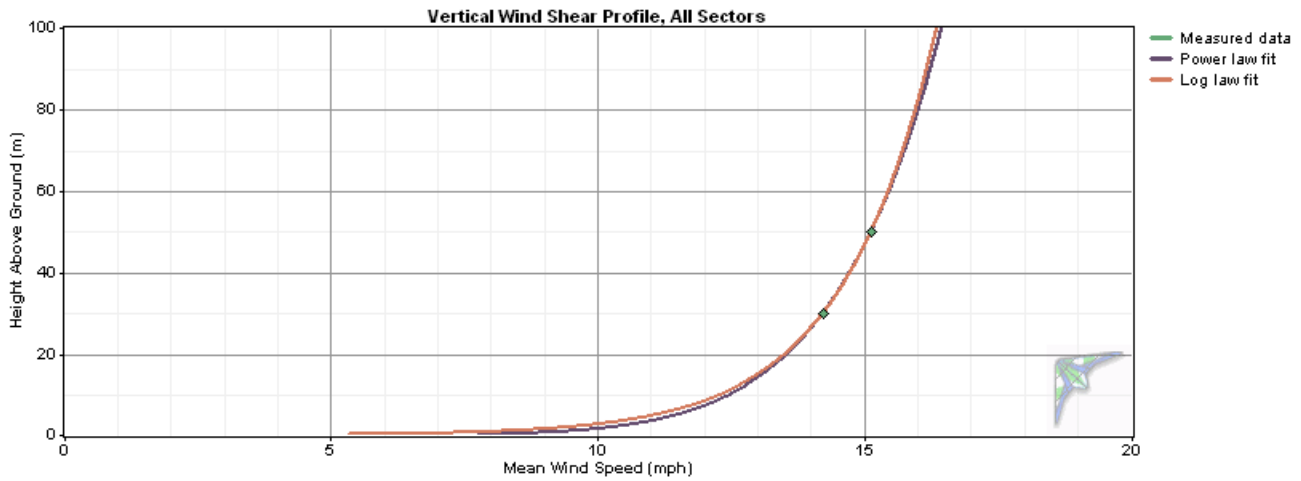
Variables	Values
Latitude	N 39° 28' 9.660"
Longitude	W 104° 31' 8.160"
Elevation	6407 ft
Start date	7/3/2006 14:40
End date	8/13/2011 17:30
Duration	5.1 years
Length of time step	10 minutes
Calm threshold	0 mph
Mean temperature	2.32 °C
Mean pressure	80.00 kPa
Mean air density	1.014 kg/m ³
Power density at 50m	303 W/m ²
Wind power class	3 (Fair)
Power law exponent	0.121
Surface roughness	0.01 m
Roughness class	0.78
Roughness description	Rough pasture



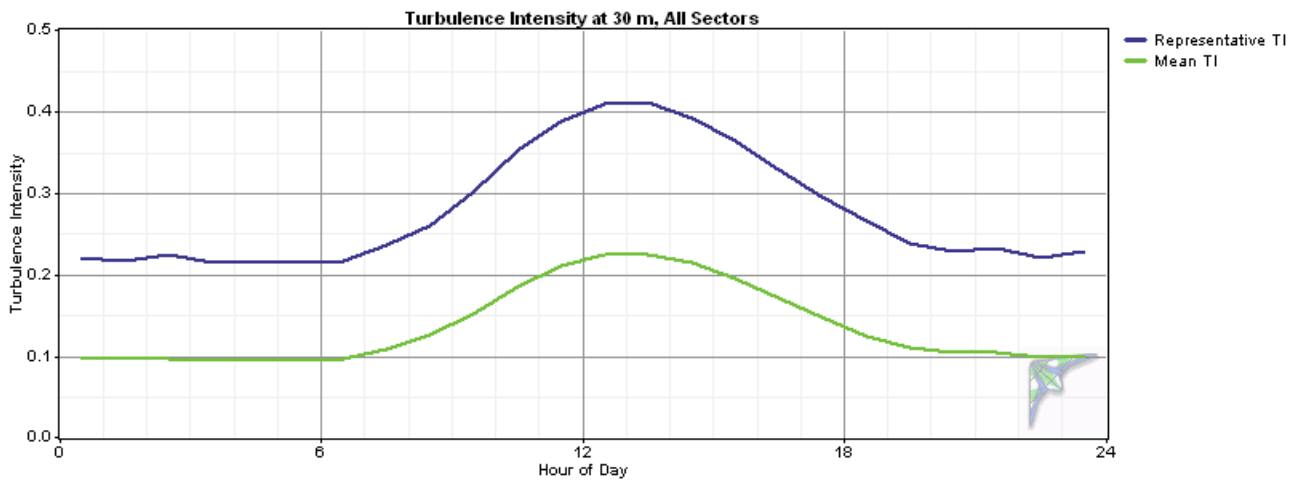
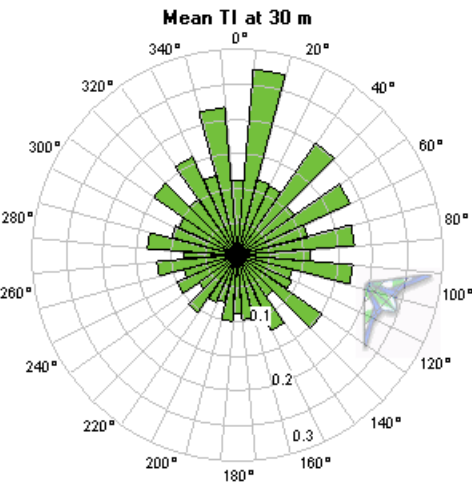
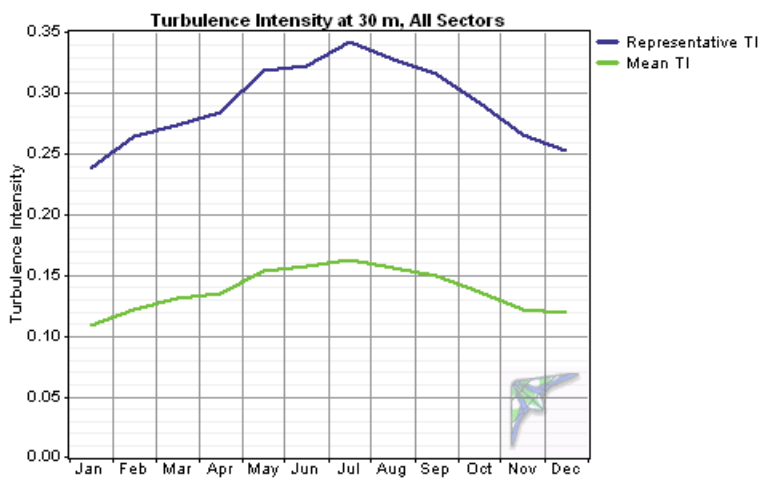
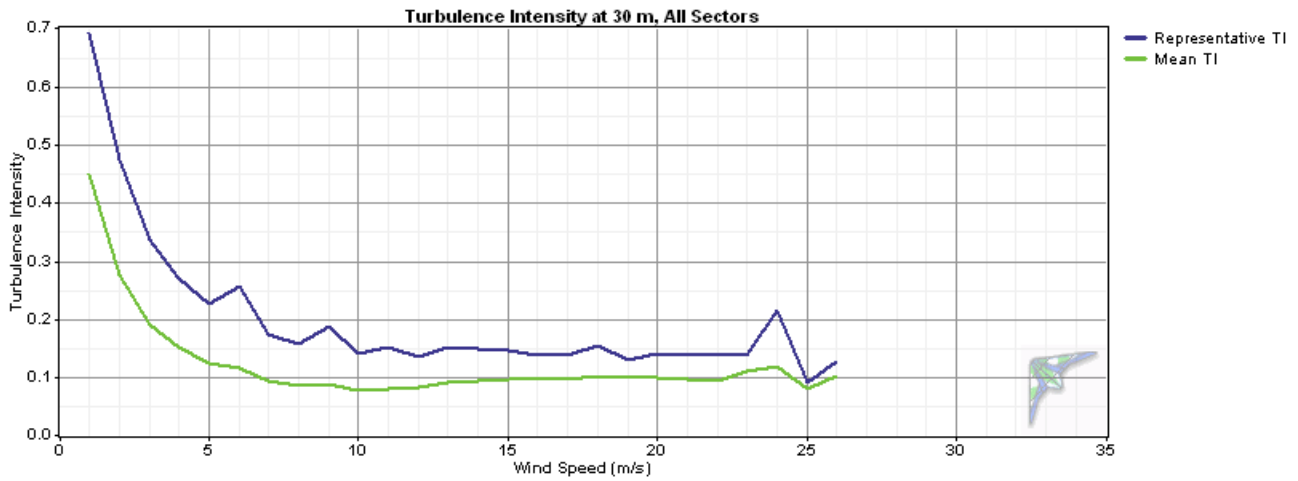
Wind Speed and Direction



Wind Shear



Turbulence Intensity



Data Column Properties

Label	Units	Height	Possible Records	Valid Records	Recovery Rate (%)	Mean	Min	Max	Std. Dev
WS30	mph	30 m	268,865	229,669	85.42	14.22	0.00	68.70	7.29
WS30_SD	mph		268,865	229,668	85.42	1.54	0.00	13.64	1.17
WD30	°	30 m	268,865	243,054	90.40	199.4	0.2	359.9	89.6
Synthesized 50 m	mph	50 m	268,865	229,669	85.42	15.12	0.00	73.08	7.76