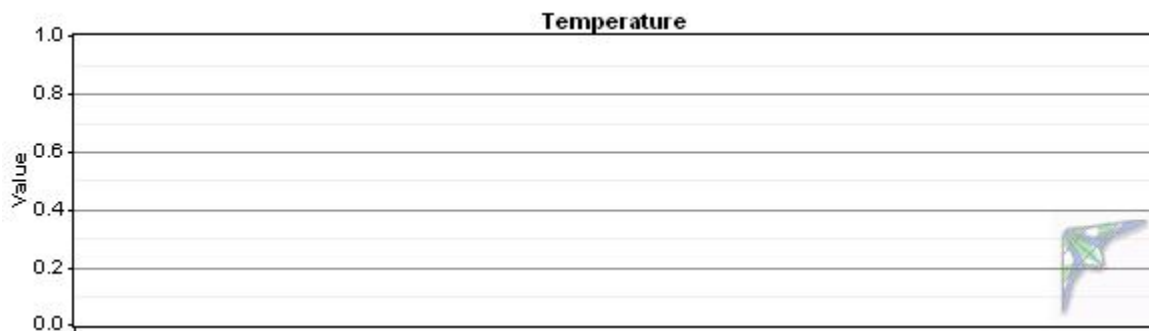


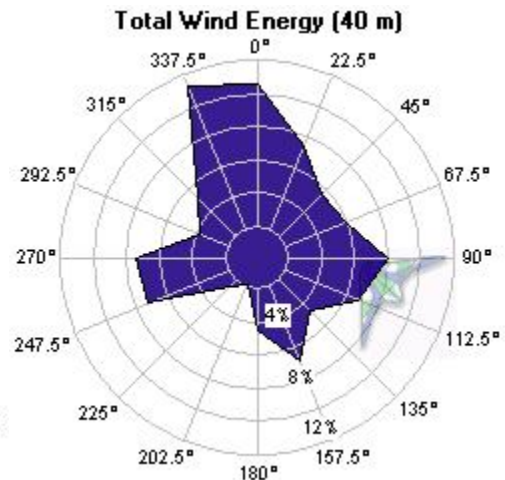
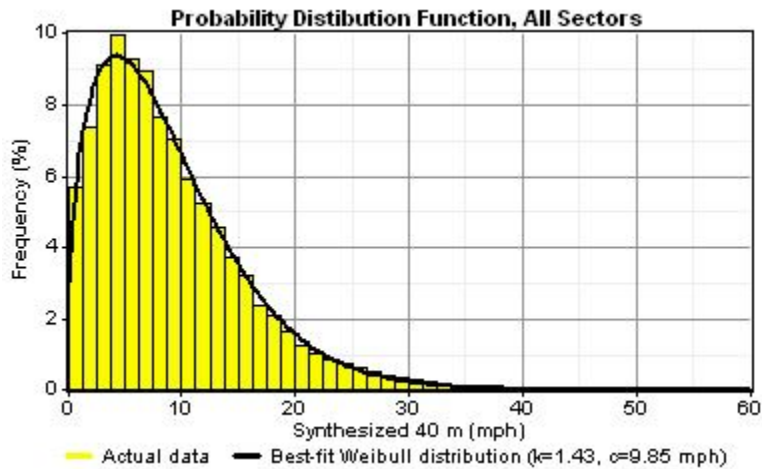
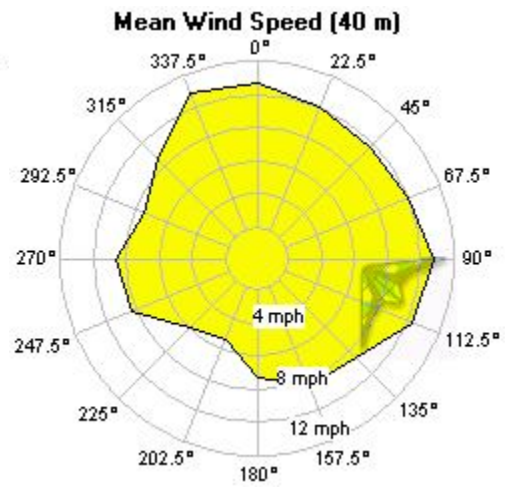
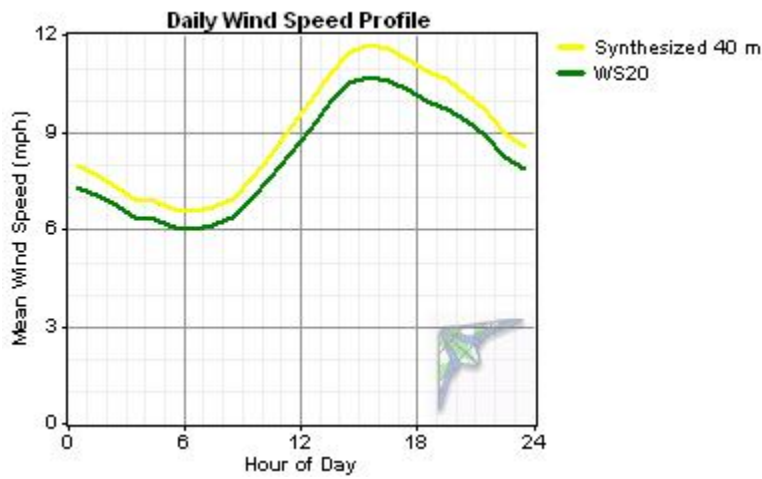
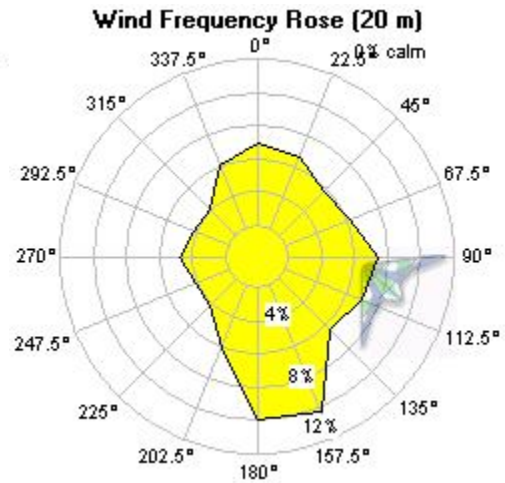
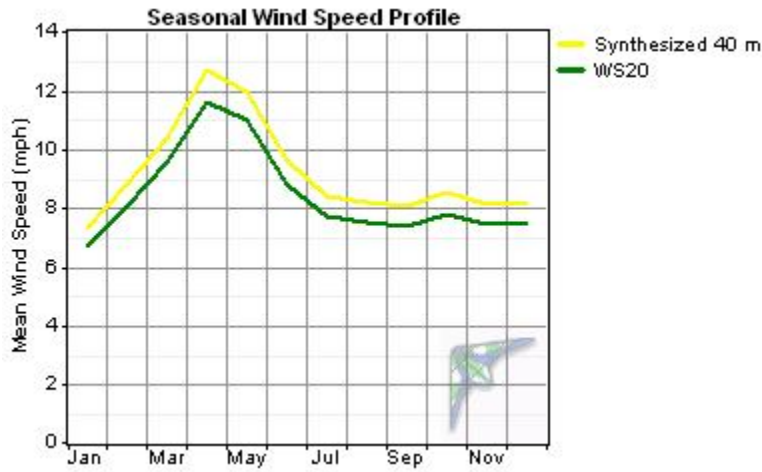
Data Set Properties

Data Set: Platteville_0440_2009_0618_to_2011_0428_with_data_validation_offset_180_WWS.windog
Report Created: 5/24/2011 11:59

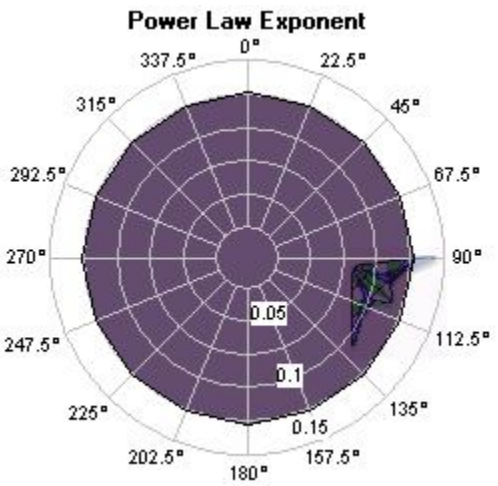
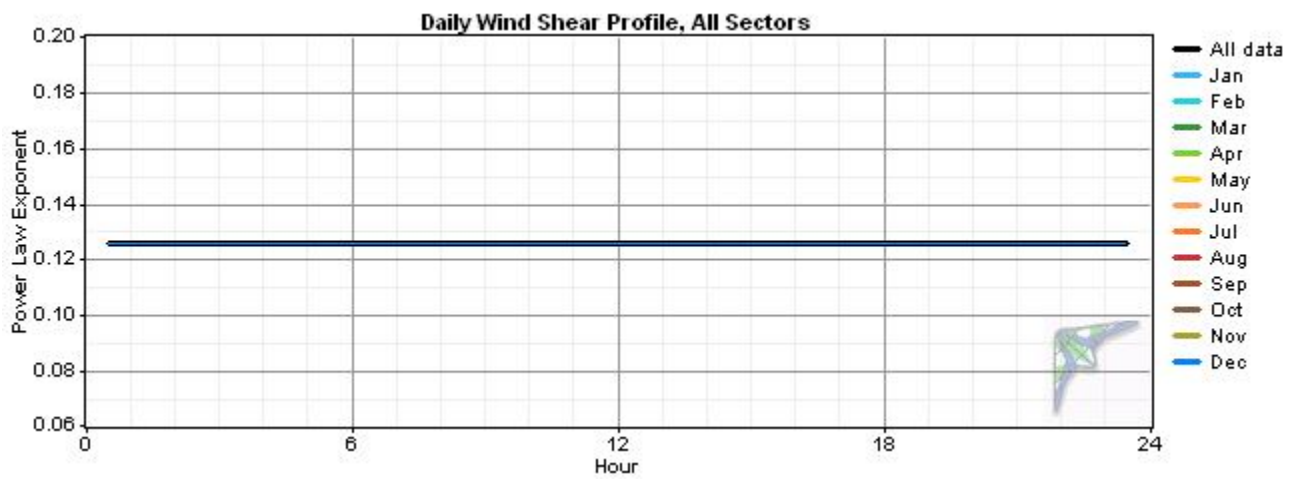
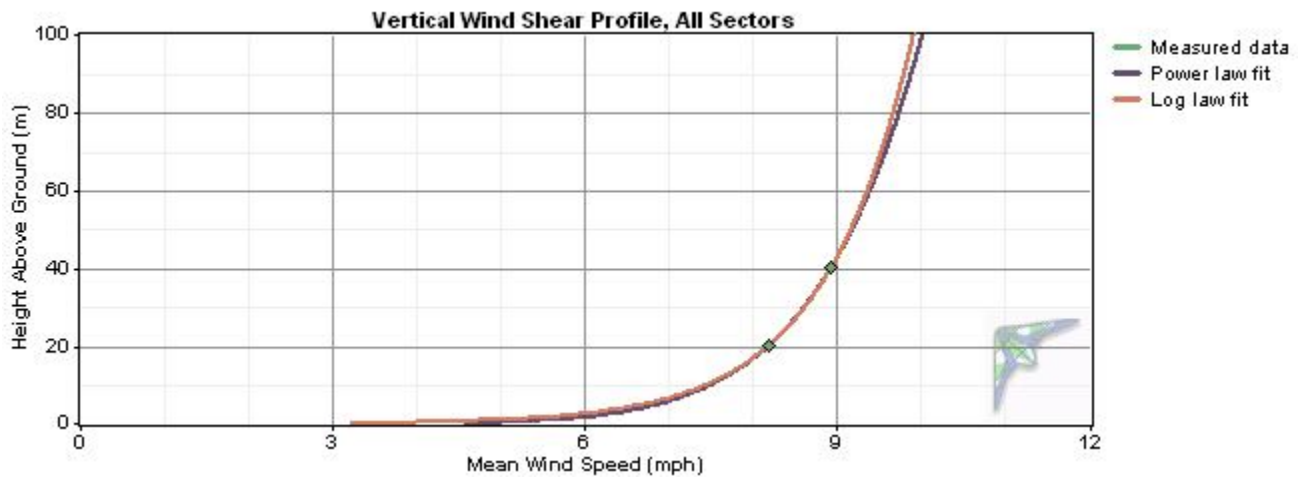
Variables	Values
Latitude	N 40° 10' 31.000"
Longitude	W 104° 47' 22.000"
Elevation	4915 ft
Start date	6/18/2009 12:40
End date	4/8/2011 04:30
Duration	22 months
Length of time step	10 minutes
Calm threshold	0 mph
Mean temperature	5.27 °C
Mean pressure	84.63 kPa
Mean air density	1.060 kg/m ³
Power density at 50m	120 W/m ²
Wind power class	1 (Poor)
Power law exponent	0.126
Surface roughness	0.00998 m
Roughness class	0.78
Roughness description	Rough pasture



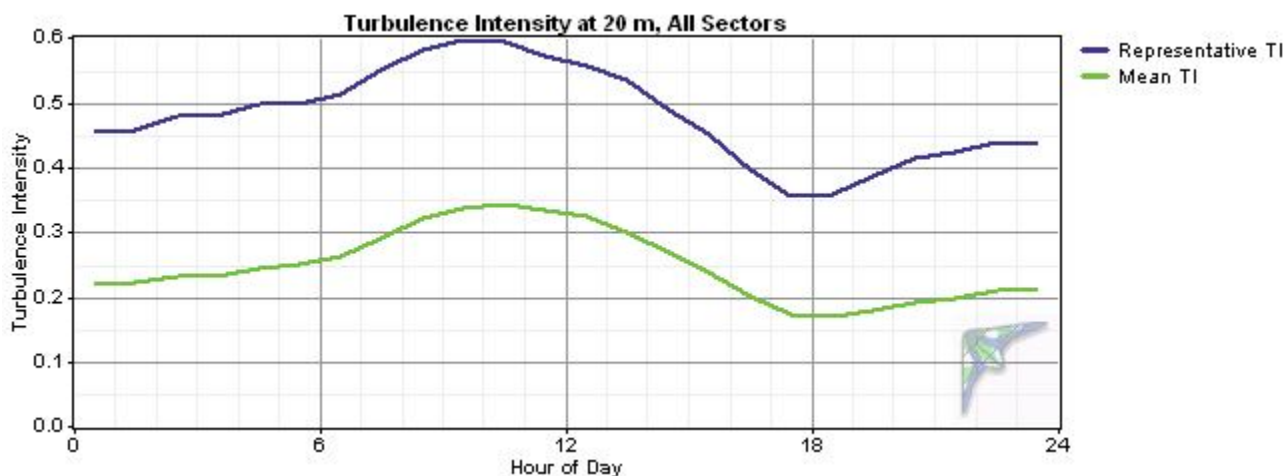
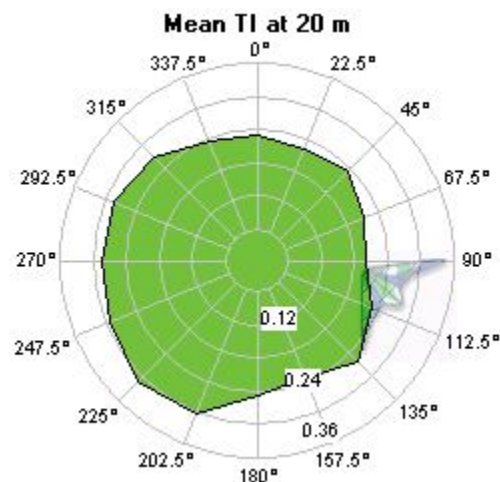
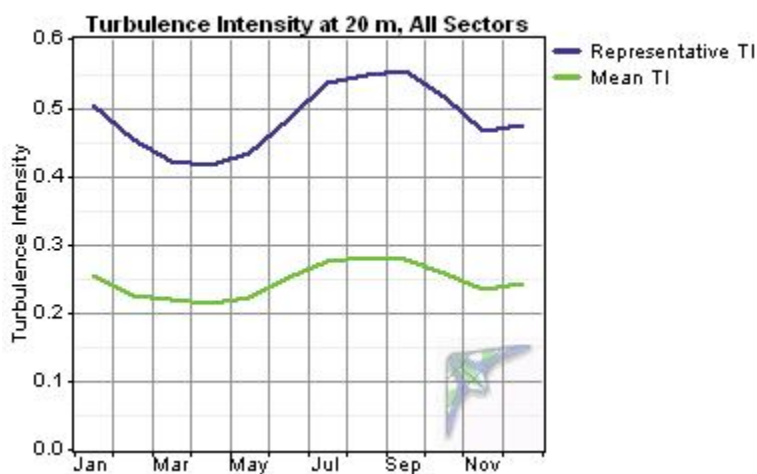
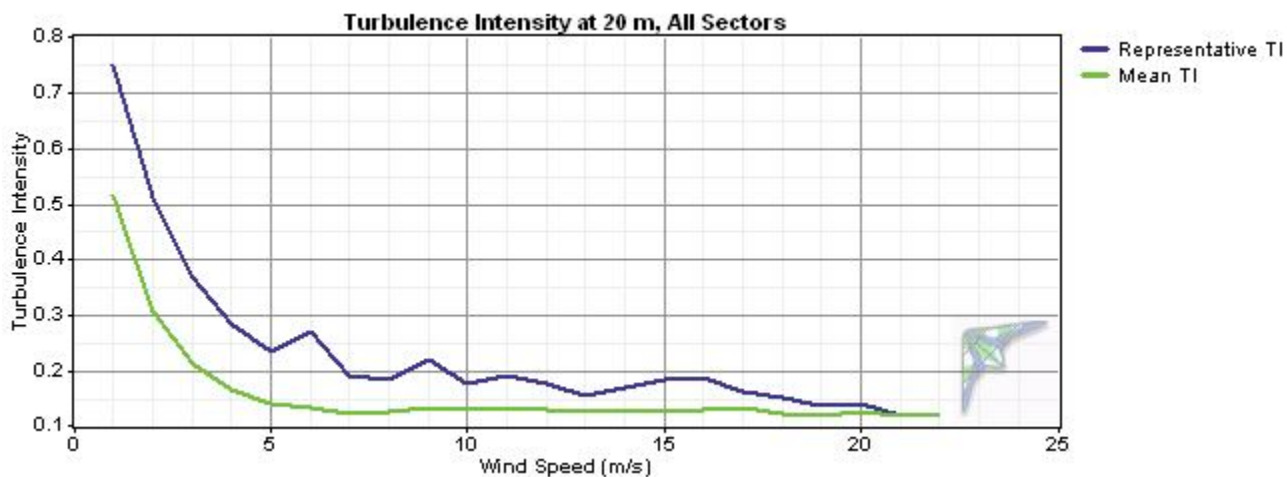
Wind Speed and Direction



Wind Shear



Turbulence Intensity



Data Column Properties

Label	Units	Height	Possible Records	Valid Records	Recovery Rate (%)	Mean	Min	Max	Std. Dev
WS20	mph	20 m	94,847	94,847	100	8.18	0.35	49.36	5.90
WS20_SD	mph		94,847	94,847	100	1.47	0.00	13.53	0.98
WD20	°	20 m	94,847	94,847	100	181.2	0.0	360.0	101.8
CH9Avg			94,847	94,847	100	0	0	0	0
Synthesized 40 m	mph	40 m	94,847	94,847	100	8.93	0.38	53.86	6.44