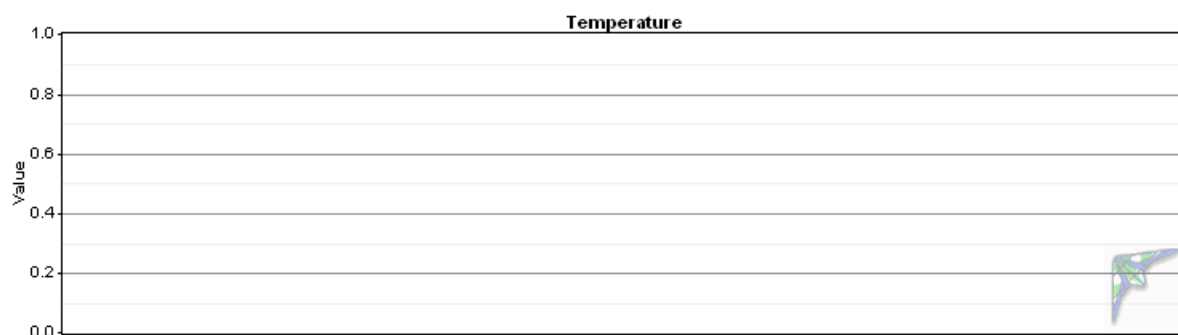


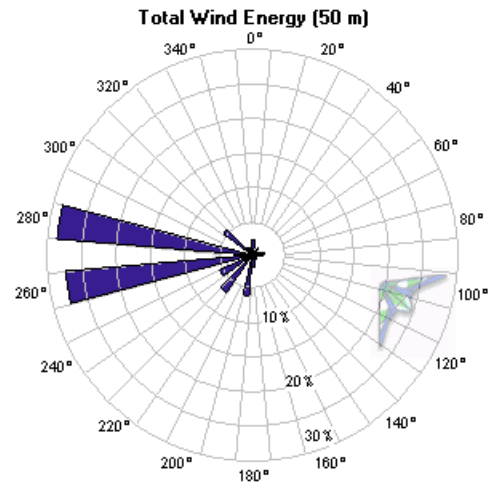
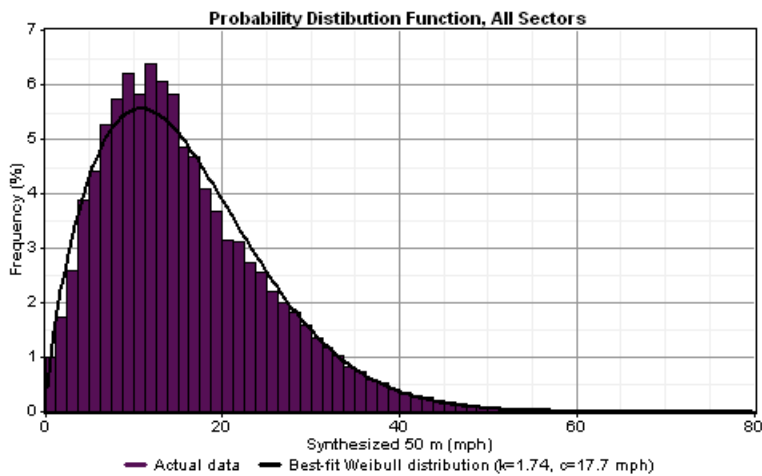
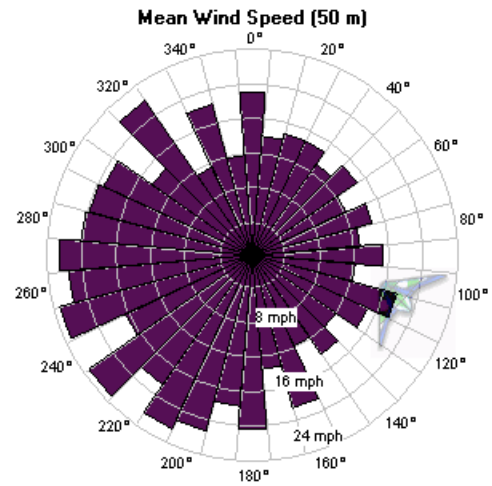
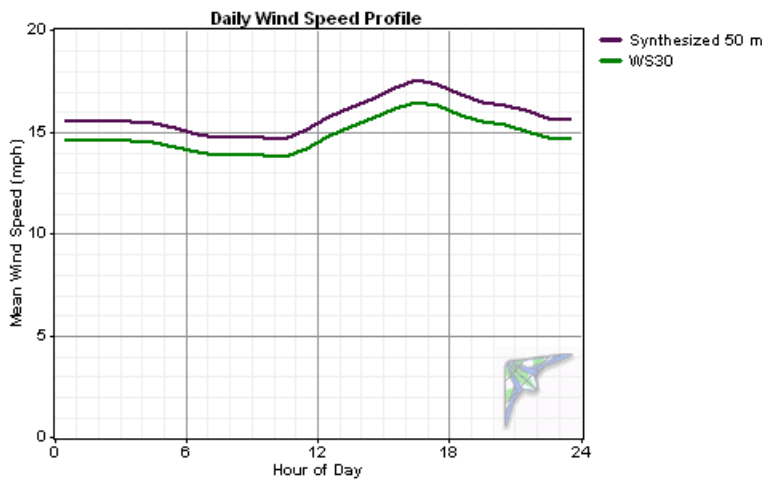
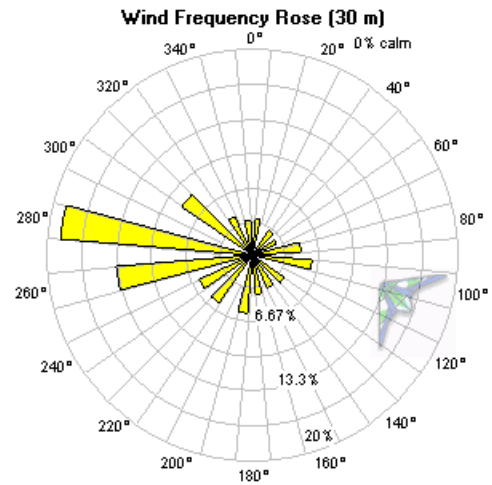
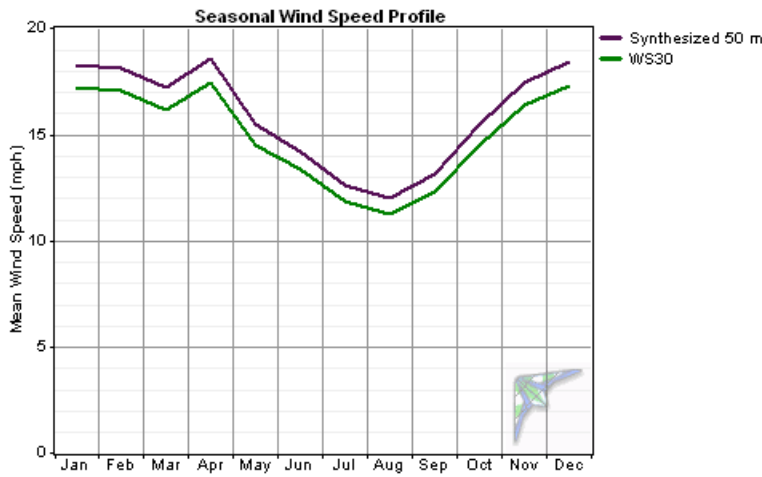
Data Set Properties

Data Set: Plavic_Mesa_2006_0315_to_2011_0809_with_data_validation_bad_WD30_WS30_removed_filled_offset_59_WWS.wind
Report Created: 12/8/2011 22:35

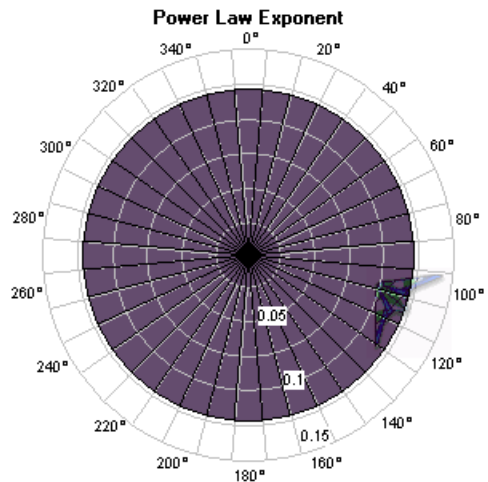
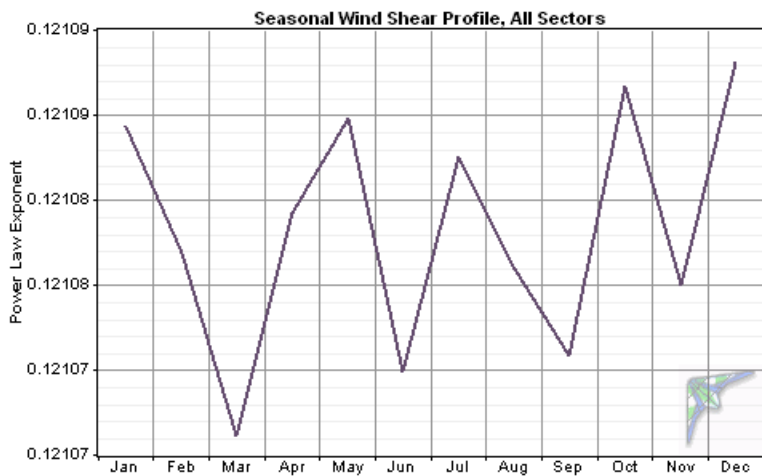
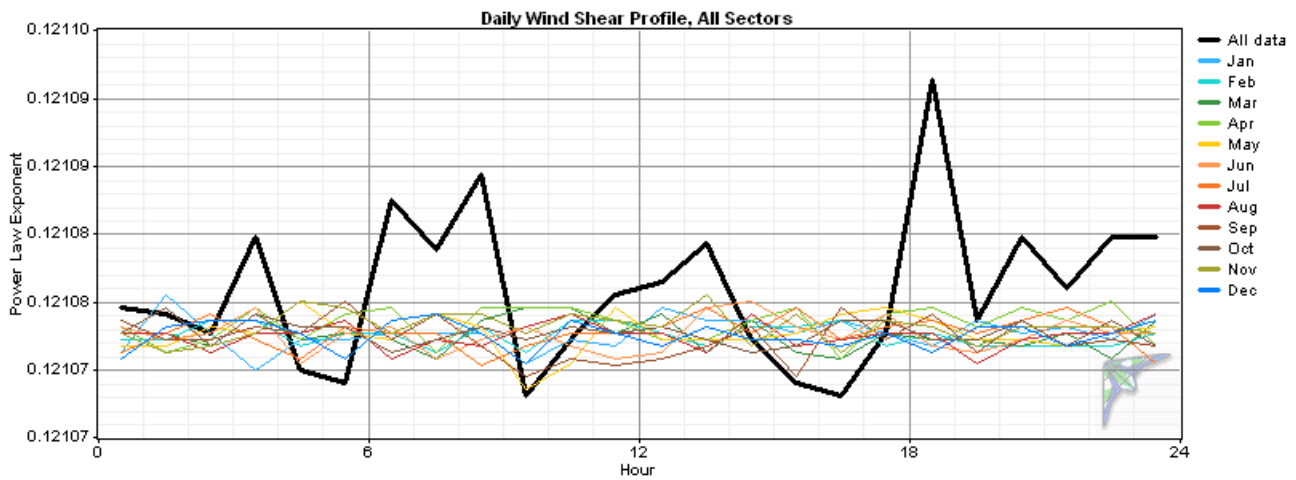
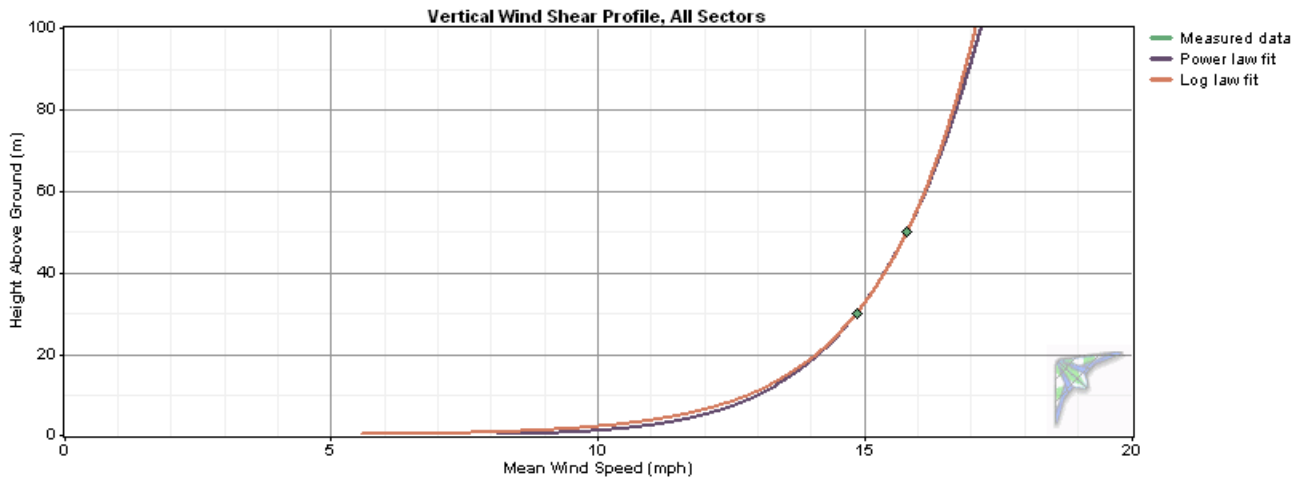
Variables	Values
Latitude	N 37.610800
Longitude	W 104.549330
Elevation	6420 ft
Start date	3/15/2006 14:50
End date	12/7/2011 14:30
Duration	5.7 years
Length of time step	10 minutes
Calm threshold	0 mph
Mean temperature	2.29 °C
Mean pressure	79.96 kPa
Mean air density	1.011 kg/m ³
Power density at 50m	416 W/m ²
Wind power class	4 (Good)
Power law exponent	0.121
Surface roughness	0.01 m
Roughness class	0.78
Roughness description	Rough pasture



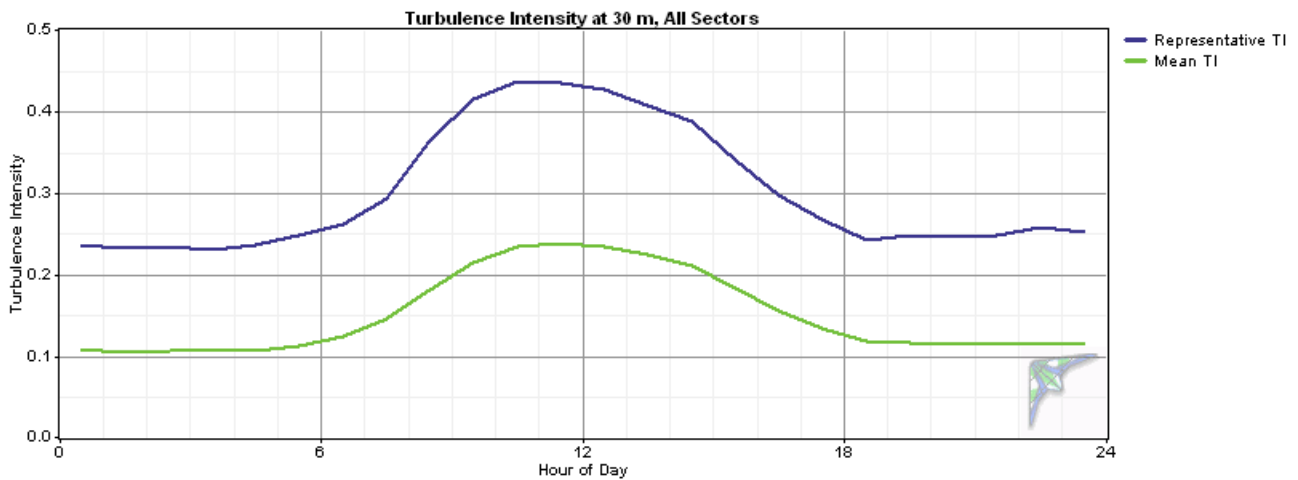
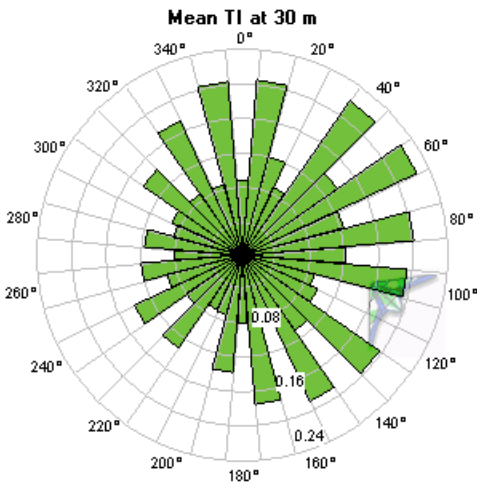
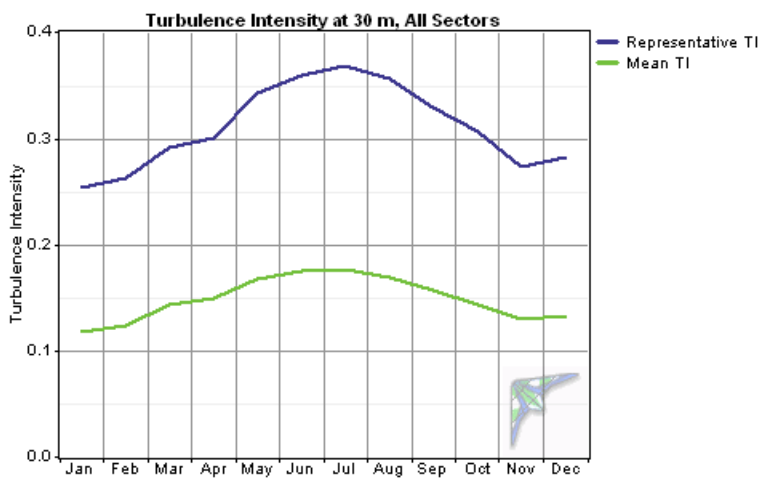
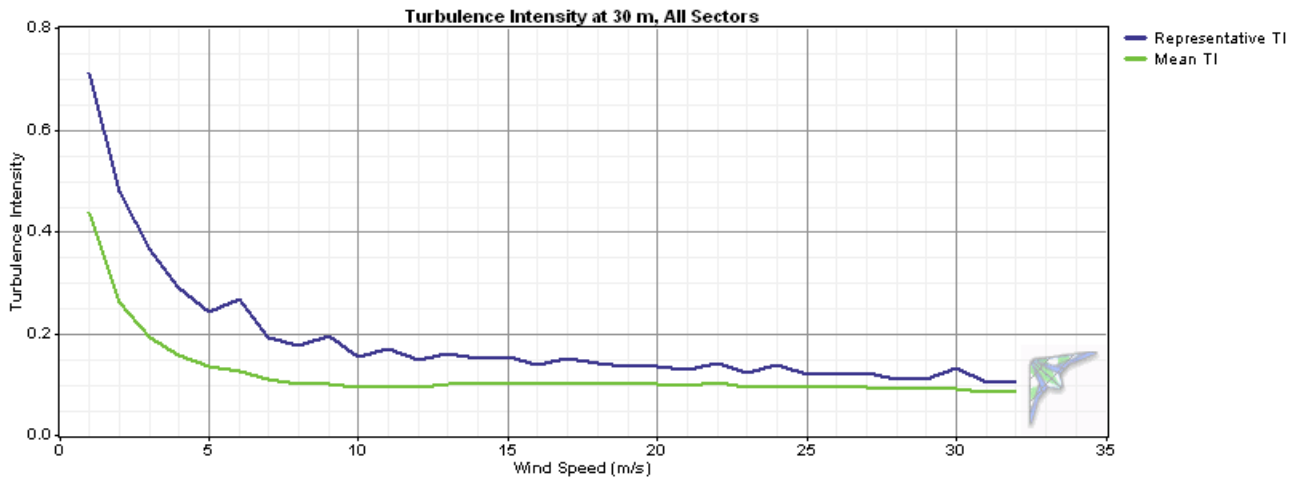
Wind Speed and Direction



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	301,390	275,776	91.50	14.85	0.40	72.00	8.90
WS30_SD	mph		301,390	275,776	91.50	1.78	0.00	13.63	1.29
WD30	°	30 m	301,390	200,206	66.43	214.4	0.1	359.9	92.8
Synthesized 50 m	mph	50 m	301,390	275,776	91.50	15.80	0.43	76.59	9.47