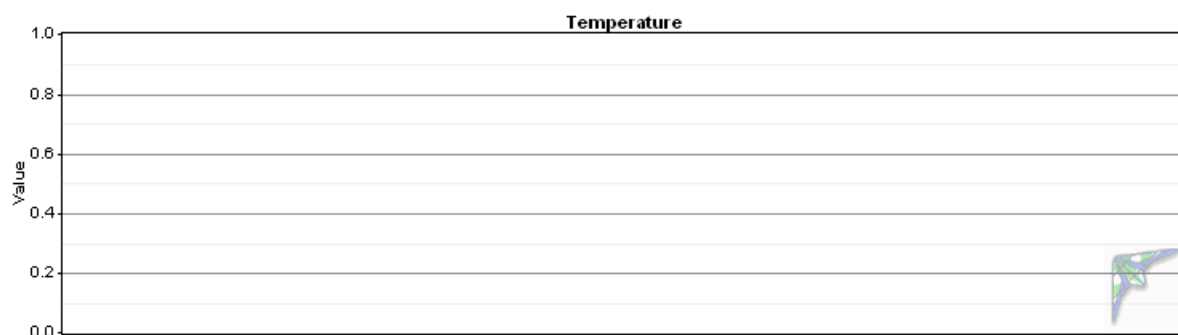


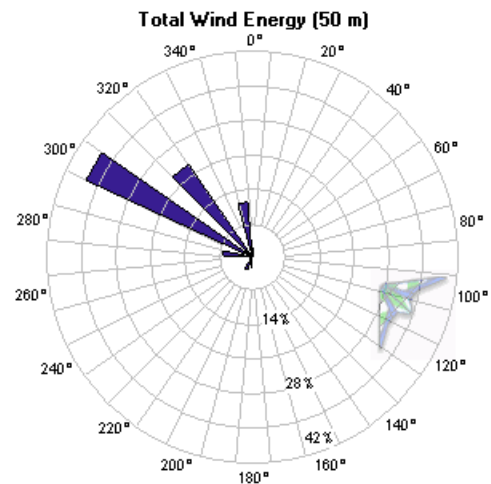
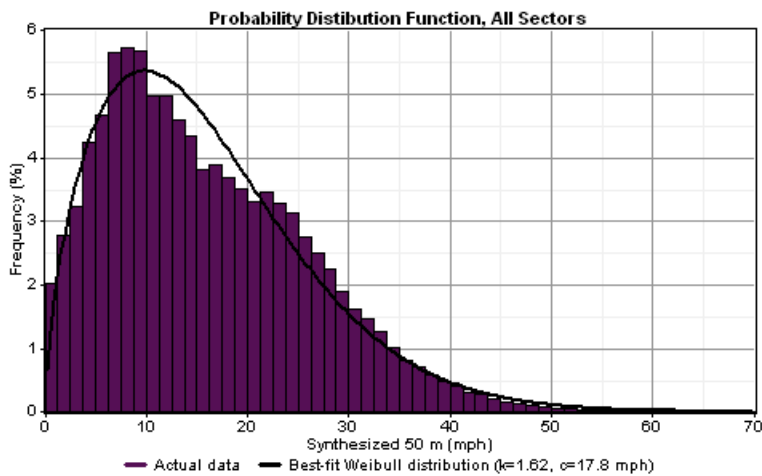
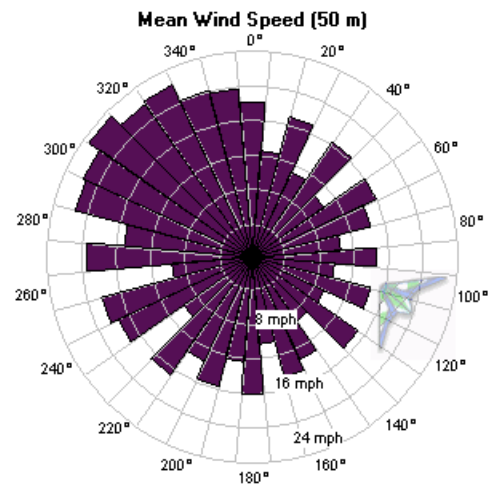
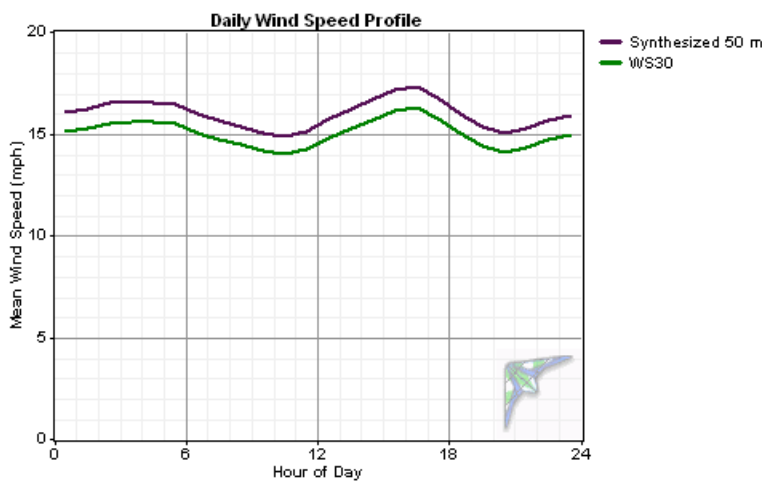
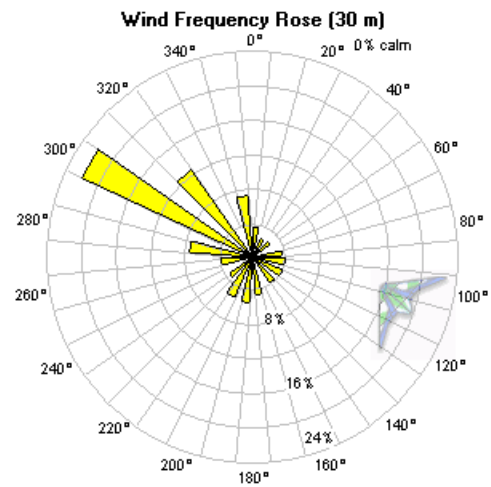
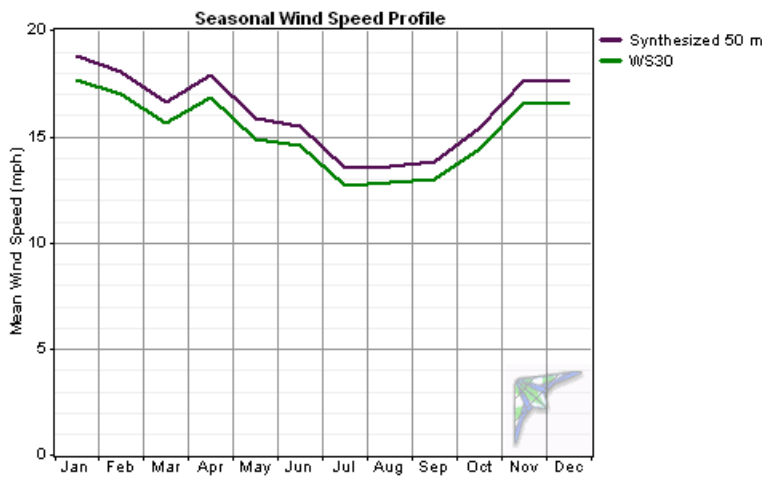
**Data Set Properties**

Data Set: Walsenburg\_Airport\_North\_Potts\_2006\_0201\_to\_2011\_1207\_with\_data\_validation\_offset\_234\_WWS.windog  
Report Created: 12/8/2011 22:12

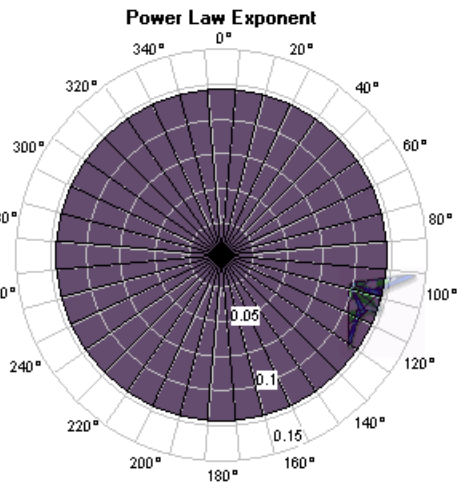
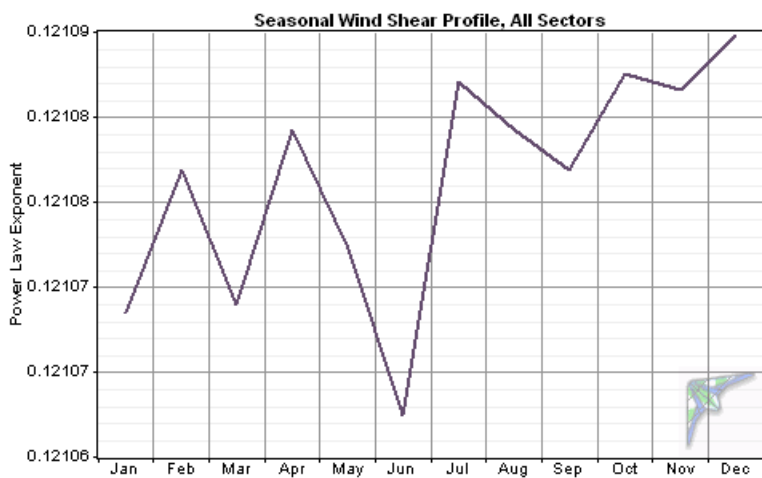
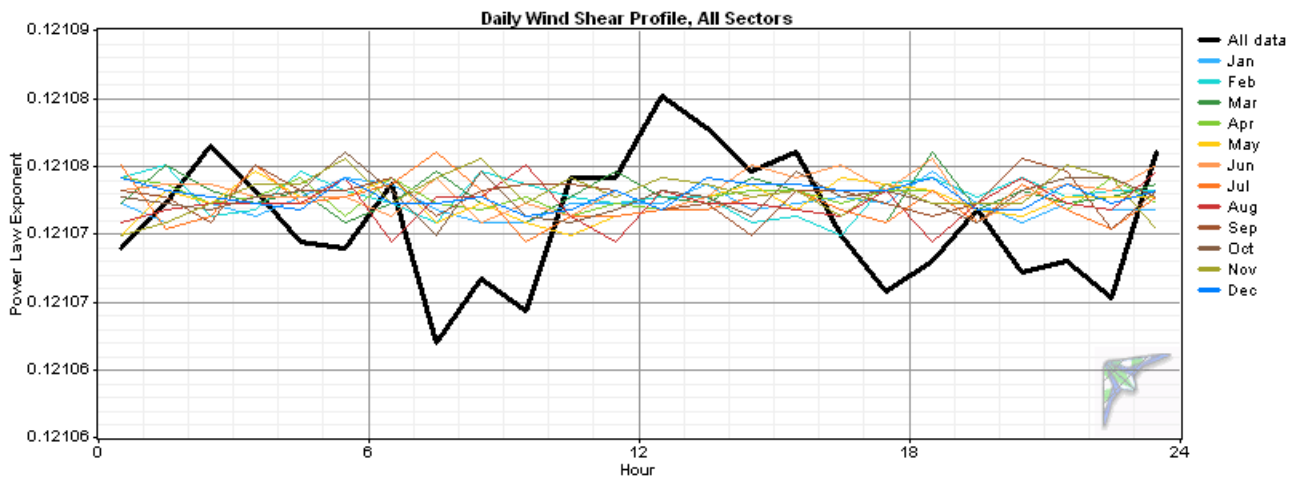
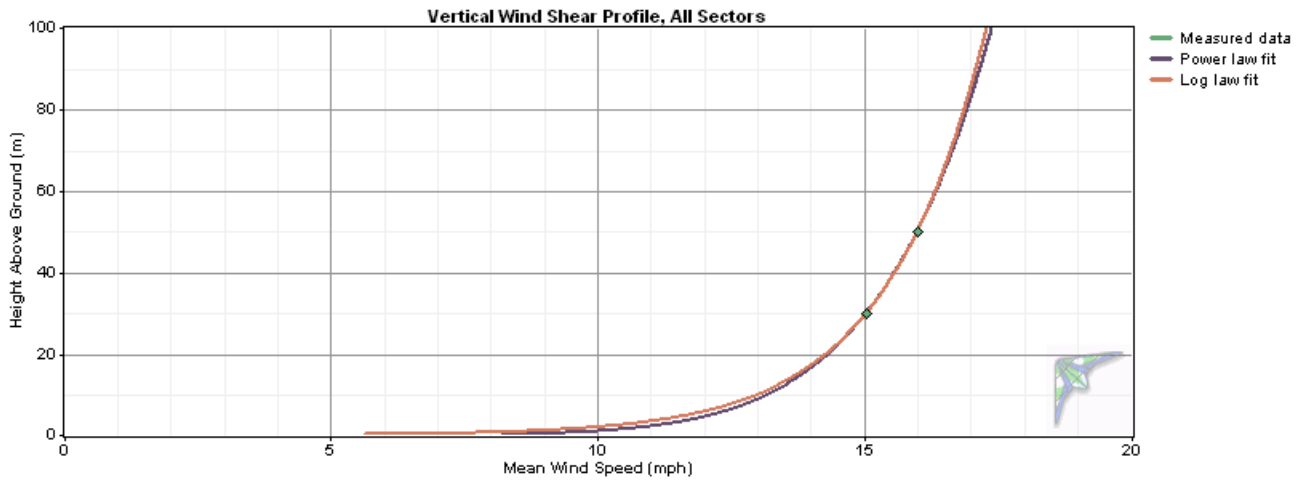
Variables	Values
Latitude	N 37.707800
Longitude	W 104.811200
Elevation	6190 ft
Start date	2/1/2006 07:30
End date	12/7/2011 09:30
Duration	5.8 years
Length of time step	10 minutes
Calm threshold	0 mph
Mean temperature	2.75 °C
Mean pressure	80.66 kPa
Mean air density	1.019 kg/m <sup>3</sup>
Power density at 50m	455 W/m <sup>2</sup>
Wind power class	4 (Good)
Power law exponent	0.121
Surface roughness	0.01 m
Roughness class	0.78
Roughness description	Rough pasture



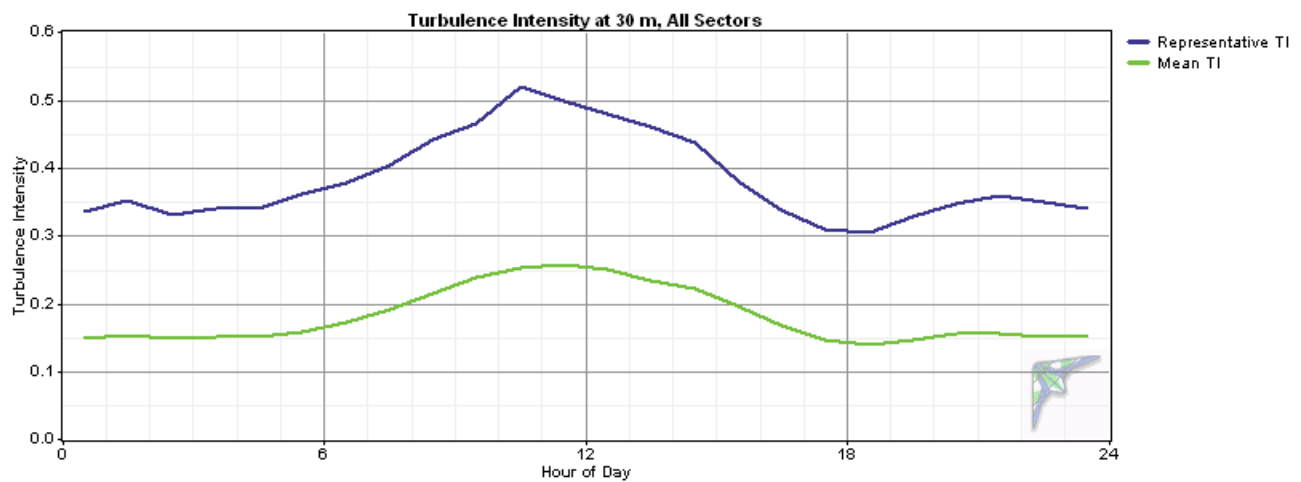
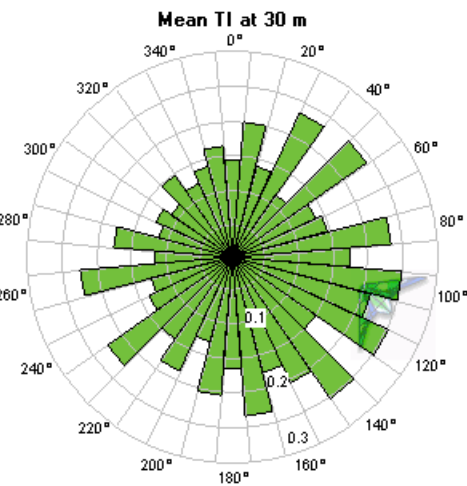
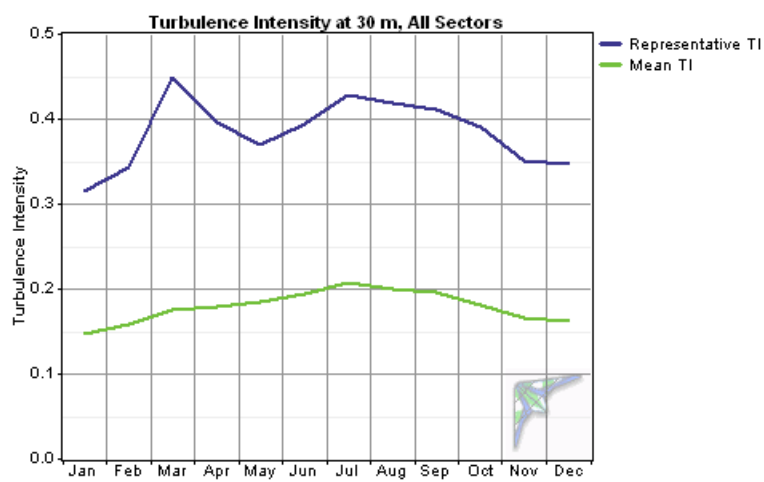
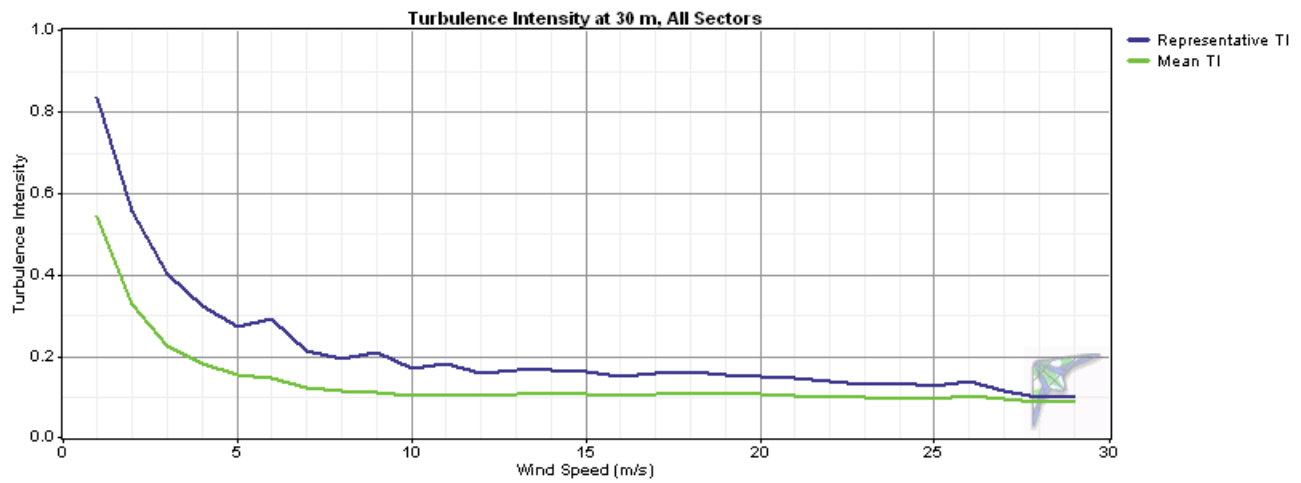
### Wind Speed and Direction



### 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	307,452	279,546	90.92	15.03	0.50	64.00	9.41
WS30_SD	mph		307,452	279,546	90.92	2.00	0.00	22.97	1.34
WD30	°	30 m	307,452	279,546	90.92	229.6	0.0	360.0	99.9
Synthesized 50 m	mph	50 m	307,452	279,546	90.92	15.99	0.53	68.08	10.01