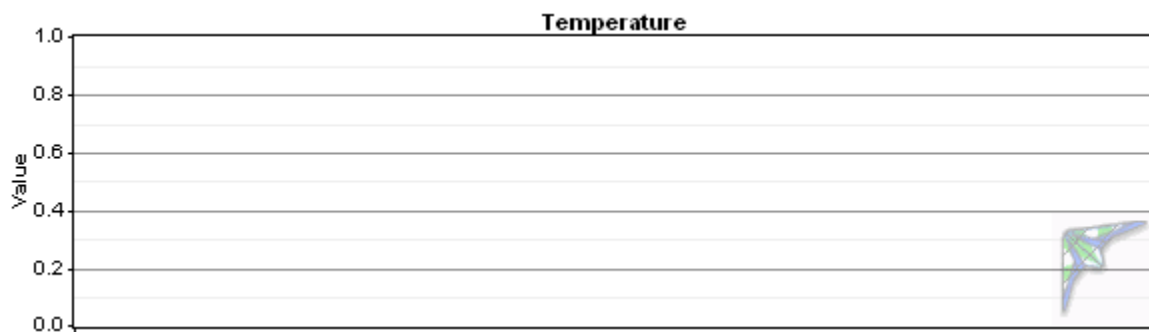


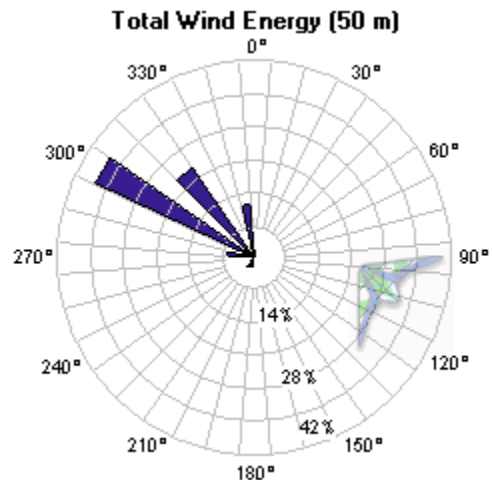
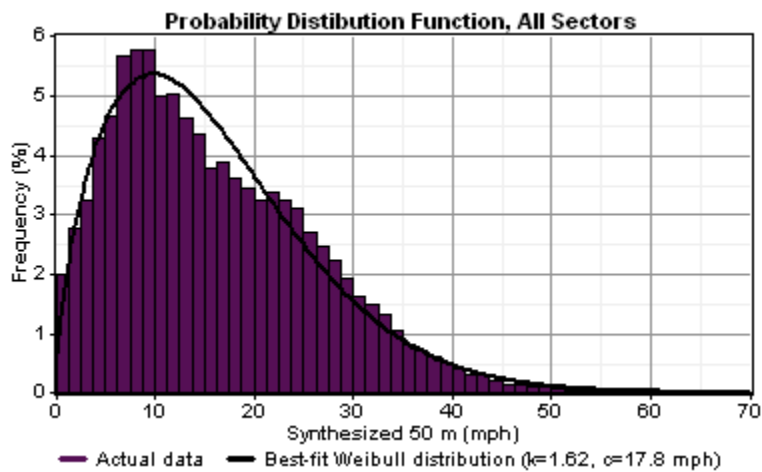
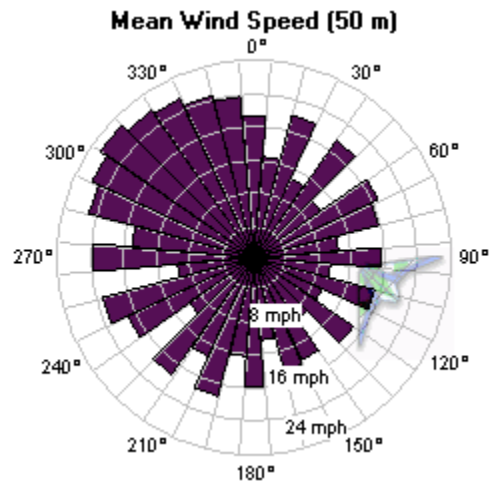
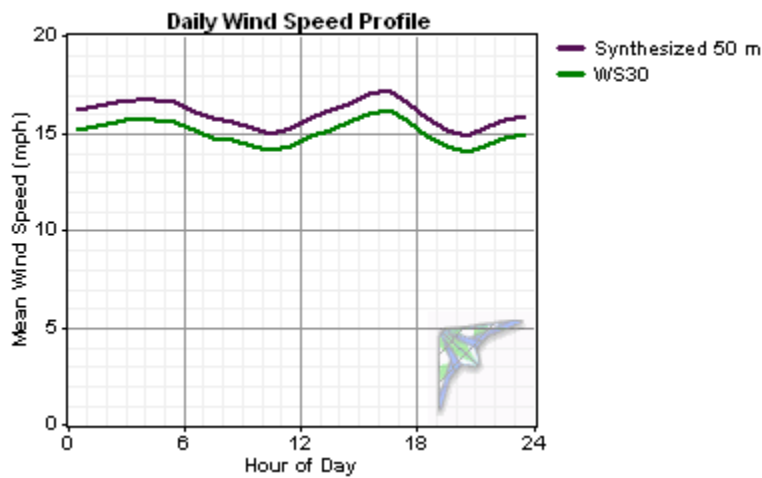
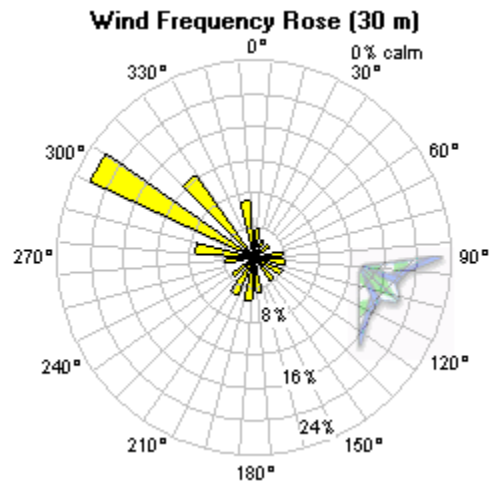
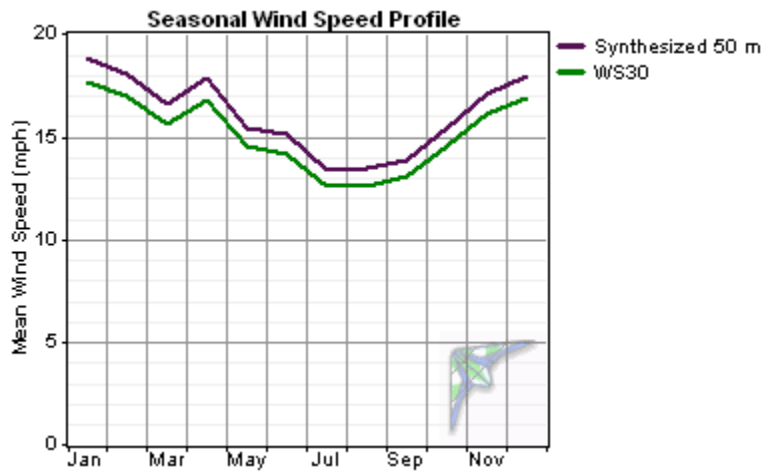
Data Set Properties

Data Set: Walsenburg_Airport_North_Potts_2006_0201_to_2011_0429_with_data_validation_offset_234_WWS.windog
Report Created: 5/17/2011 23:11

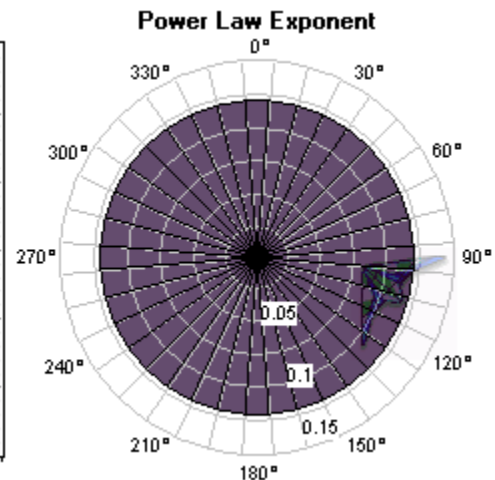
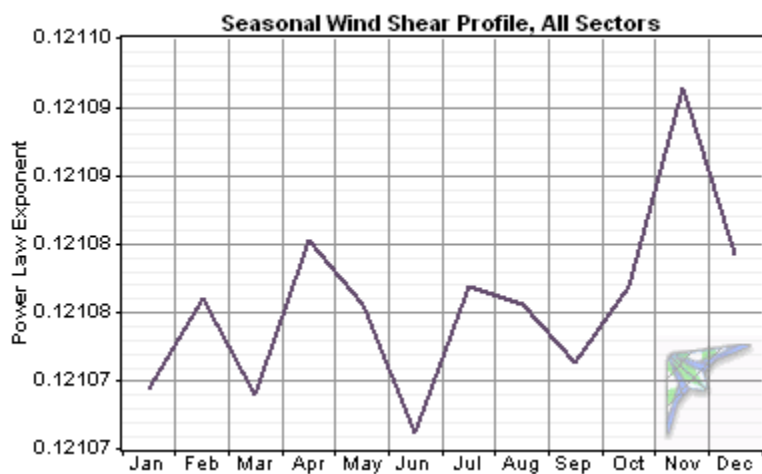
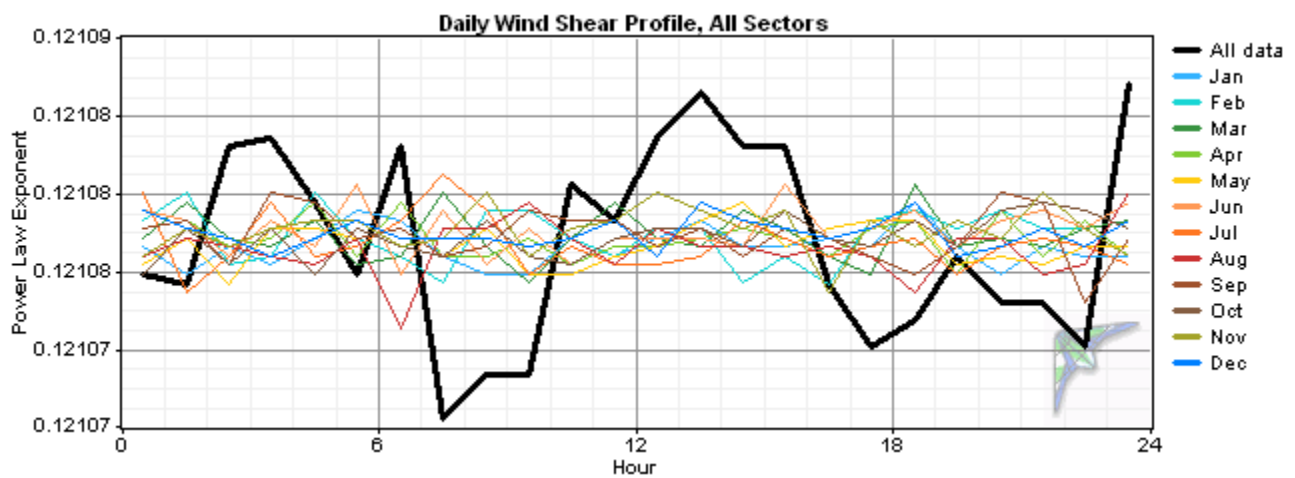
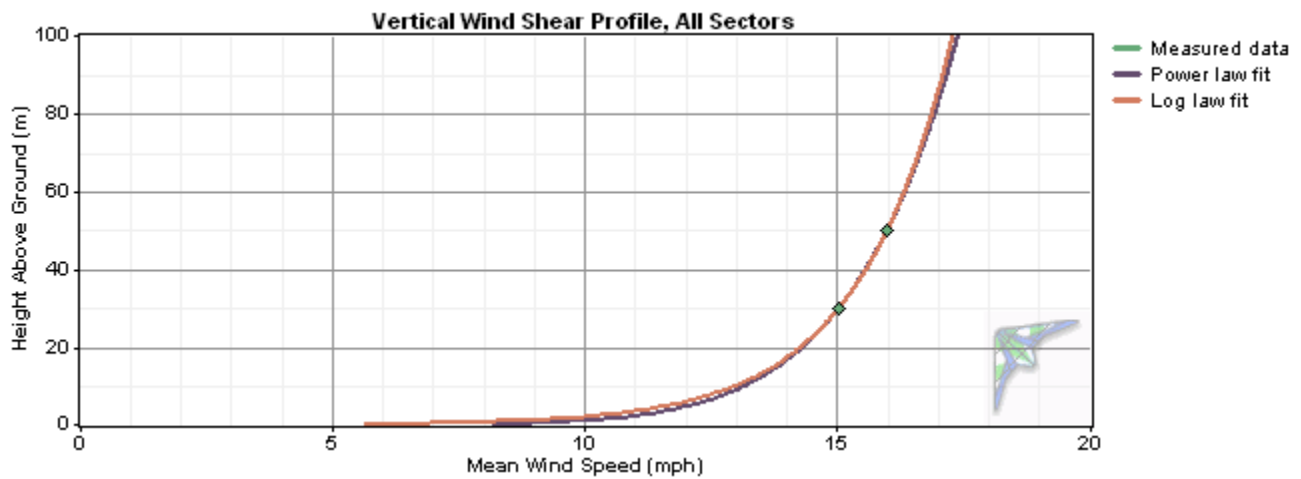
Variables	Values
Latitude	N 37.707800
Longitude	W 104.811200
Elevation	6190 ft
Start date	2/1/2006 07:30
End date	4/29/2011 08:40
Duration	5.2 years
Length of time step	10 minutes
Calm threshold	0 mph
Mean temperature	2.75 °C
Mean pressure	80.66 kPa
Mean air density	1.017 kg/m ³
Power density at 50m	448 W/m ²
Wind power class	4 (Good)
Power law exponent	0.121
Surface roughness	0.00999 m
Roughness class	0.78
Roughness description	Rough pasture



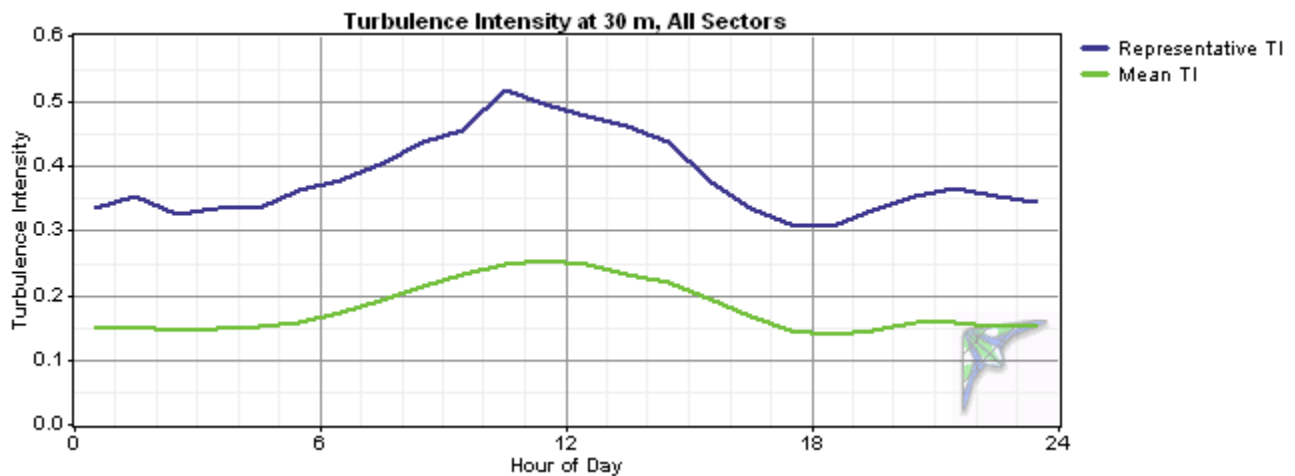
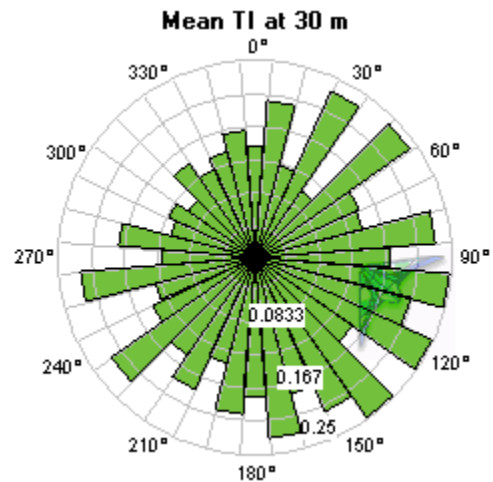
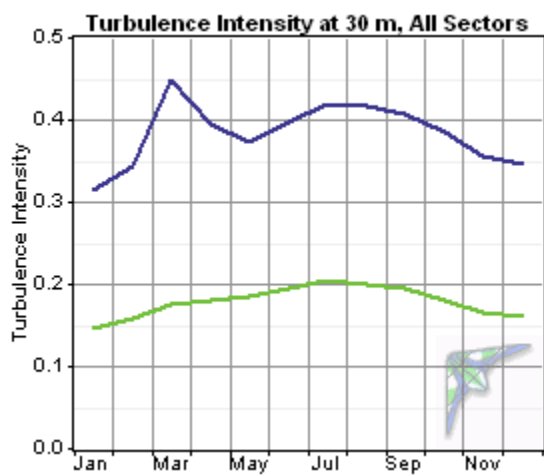
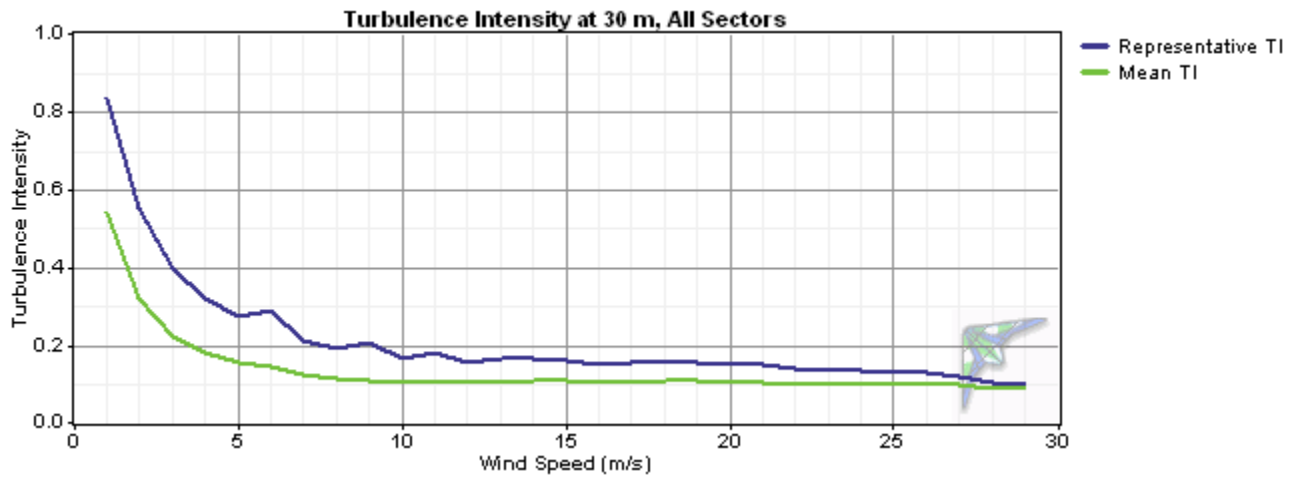
Wind Speed and Direction



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	275,479	247,573	89.87	15.04	0.57	64.00	9.45
WS30_SD	mph		275,479	247,573	89.87	1.99	0.00	22.97	1.34
WD30	°	30 m	275,479	247,573	89.87	230.0	0.0	360.0	99.7
Synthesized 50 m	mph	50 m	275,479	247,573	89.87	16.00	0.61	68.08	10.05