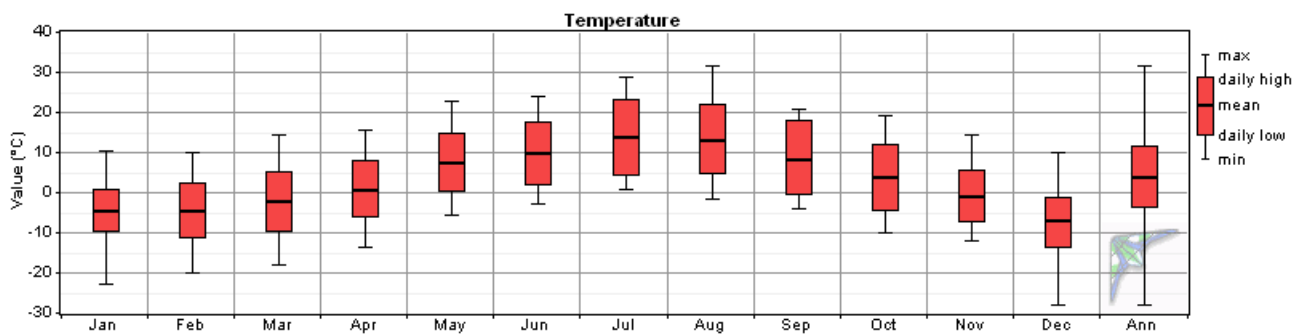


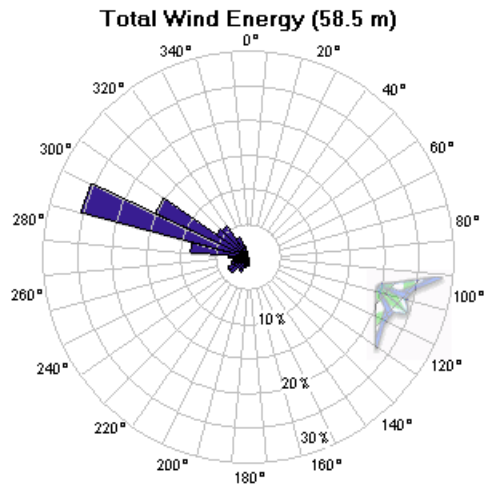
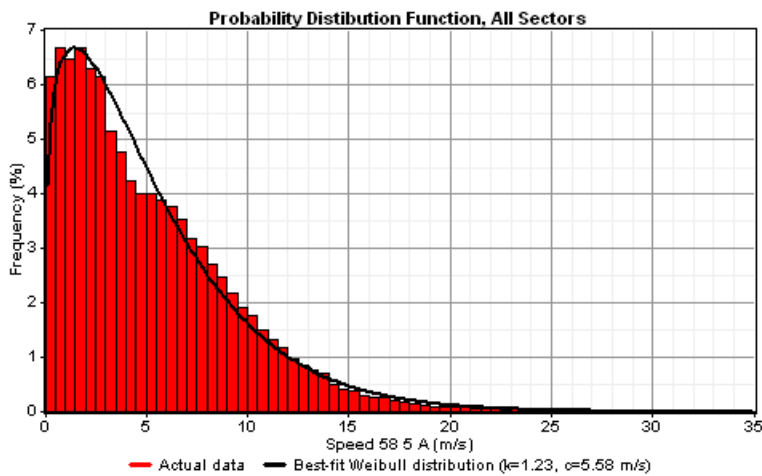
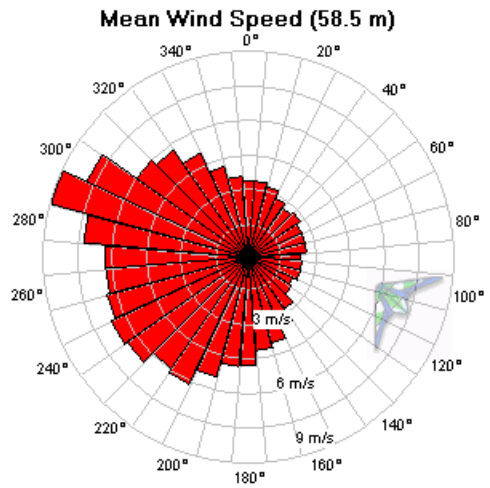
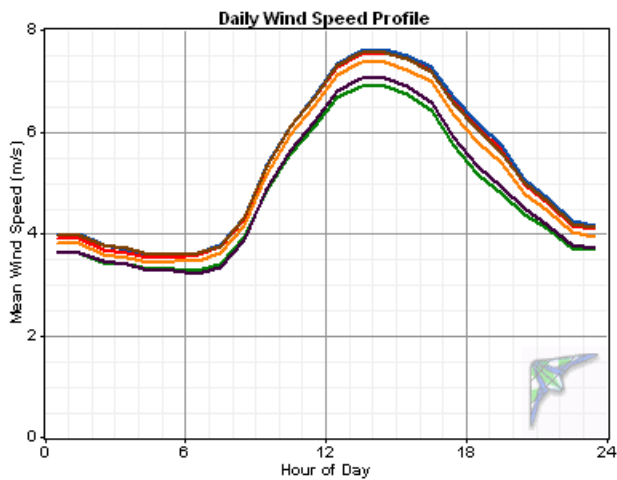
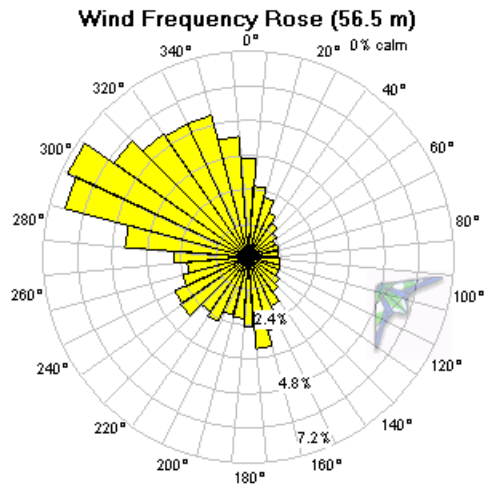
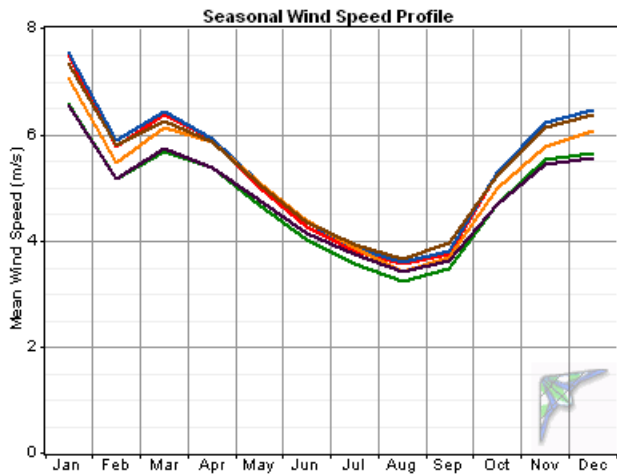
Data Set Properties

Data Set: Como_Vicinity_2209_2008_0725_to_2009_0817_with_data_validation_offset_165.windog
 Report Created: 9/20/2010 23:15

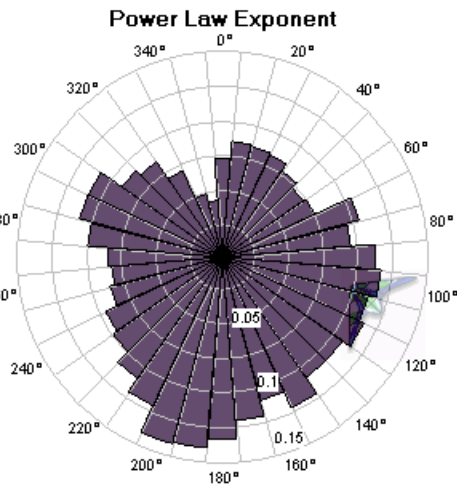
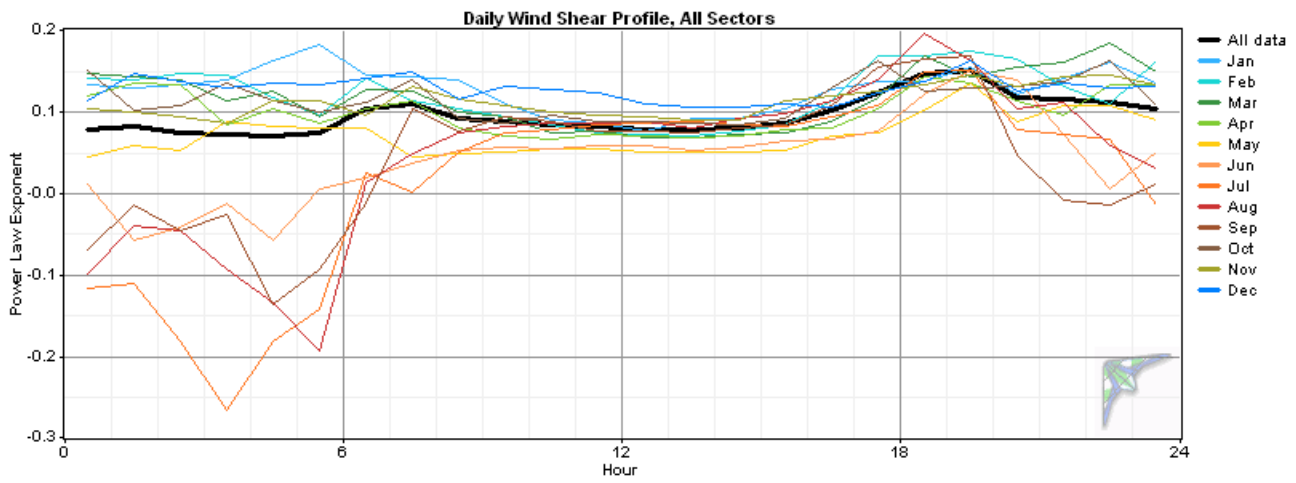
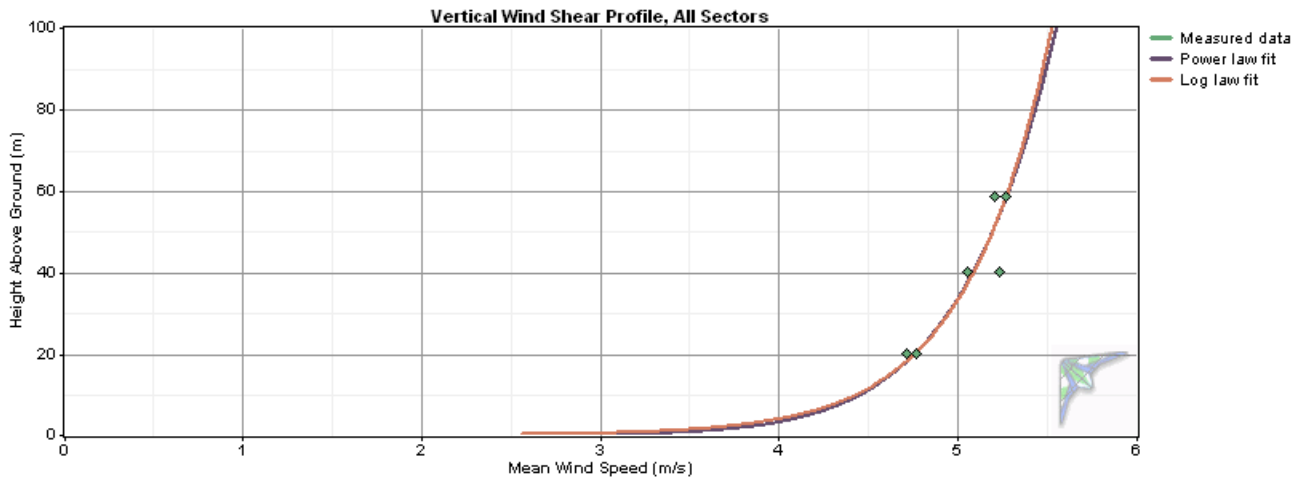
Variables	Values
Latitude	N 39° 18' 39.780"
Longitude	W 105° 50' 40.080"
Elevation	2886 m
Start date	7/25/2008 14:20
End date	8/17/2009 08:00
Duration	13 months
Length of time step	10 minutes
Calm threshold	0 m/s
Mean temperature	3.94 °C
Mean pressure	709.5 mbar
Mean air density	0.893 kg/m ³
Power density at 50m	235 W/m ²
Wind power class	2 (Marginal)
Power law exponent	0.096
Surface roughness	0.000945 m
Roughness class	0.31
Roughness description	Rough sea



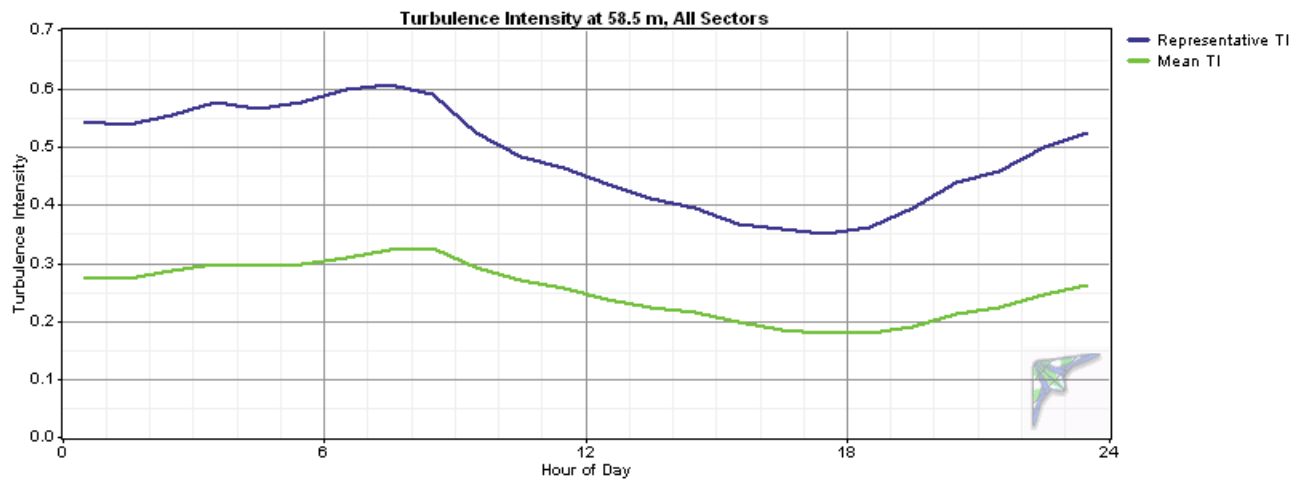
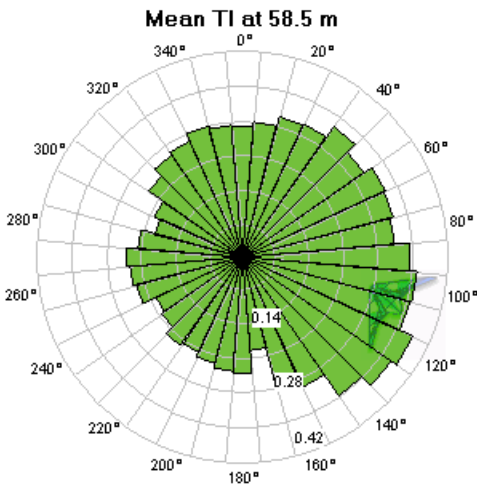
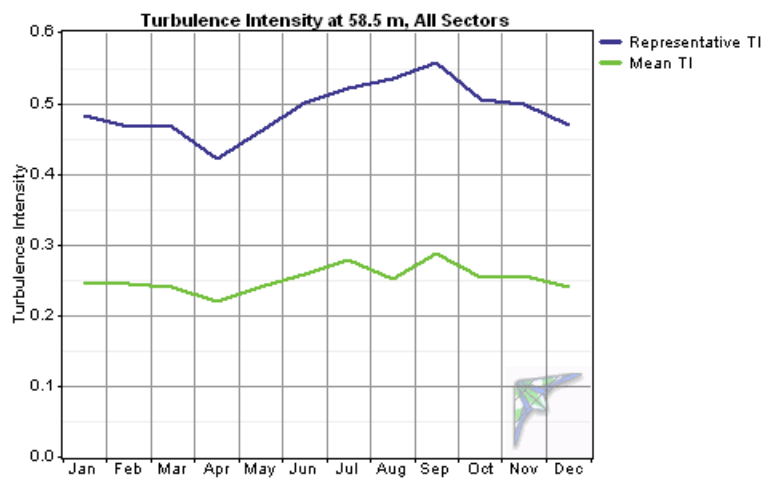
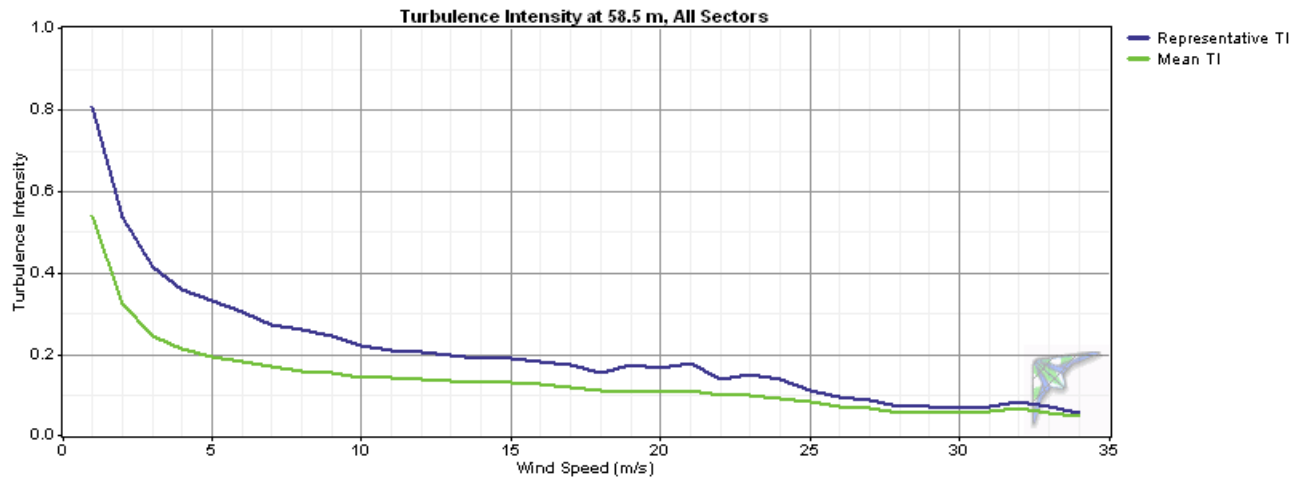
Wind Speed and Direction



Wind Shear



Turbulence Intensity



Data Column Properties

Label	Units	Height	Possible Records	Valid Records	Recovery Rate (%)	Mean	Min	Max	Std. Dev
Speed 58 5 A	m/s	58.5 m	55,834	55,834	100	5.21	0.06	33.99	4.24
Speed 58 5 A SD	m/s		55,834	55,834	100	0.932	0.000	7.610	0.650
Speed 58 5 A Max	m/s		55,834	55,834	100	7.53	0.31	39.58	5.46
Speed 58 5 A Min	m/s		55,834	55,834	100	3.11	0.31	29.62	3.22
Speed 40 m A	m/s	40 m	55,834	55,834	100	5.05	0.06	32.09	4.03
Speed 40 m A SD	m/s		55,834	55,834	100	0.930	0.000	7.290	0.643
Speed 40 m A Max	m/s		55,834	55,834	100	7.39	0.32	37.26	5.28
Speed 40 m A Min	m/s		55,834	55,834	100	2.98	0.32	26.95	3.01
Speed 20 m A	m/s	20 m	55,834	55,834	100	4.71	0.06	29.68	3.65
Speed 20 m A SD	m/s		55,834	55,834	100	0.908	0.000	6.980	0.627
Speed 20 m A Max	m/s		55,834	55,834	100	7.03	0.32	36.47	4.97
Speed 20 m A Min	m/s		55,834	55,834	100	2.73	0.32	23.52	2.65
Speed 58 5 B	m/s	58.5 m	55,834	55,834	100	5.27	0.06	33.38	4.17
Speed 58 5 B SD	m/s		55,834	55,834	100	0.907	0.000	7.290	0.627
Speed 58 5 B Max	m/s		55,834	55,834	100	7.53	0.32	38.64	5.35
Speed 58 5 B Min	m/s		55,834	55,834	100	3.23	0.32	28.70	3.22
Speed 40 m B	m/s	40 m	55,834	55,834	100	5.23	0.06	32.16	4.02
Speed 40 m B SD	m/s		55,834	55,834	100	0.916	0.000	7.290	0.624
Speed 40 m B Max	m/s		55,834	55,834	100	7.51	0.32	37.12	5.22
Speed 40 m B Min	m/s		55,834	55,834	100	3.18	0.32	27.13	3.07
Speed 20 m B	m/s	20 m	55,834	55,834	100	4.77	0.06	29.73	3.72
Speed 20 m B SD	m/s		55,834	55,834	100	0.929	0.000	6.680	0.633
Speed 20 m B Max	m/s		55,834	55,834	100	7.11	0.32	36.33	5.01
Speed 20 m B Min	m/s		55,834	55,834	100	2.76	0.32	23.67	2.72
Direction 56 5	°	56.5 m	55,834	55,834	100	226.6	0.6	360.0	102.7
Direction 56 5 SD	°		55,834	55,834	100	180.0	165.0	292.0	15.3
Direction 56 5 Max	°		55,834	55,834	100	313.3	165.0	522.0	90.5
Direction 56 5 Min	°		55,834	55,834	100	165	165	165	0
Direction 18.5 m	°	18.5 m	55,834	55,834	100	232.0	0.2	360.0	99.8
Direction 18.5 m SD	°		55,834	55,834	100	180.9	165.0	292.0	16.1
Direction 18.5 m Max	°		55,834	55,834	100	314.4	165.0	522.0	88.5
Direction 18.5 m Min	°		55,834	55,834	100	165	165	165	0
Temperature	°C		55,834	55,834	100	3.94	-28.14	31.60	9.32
Temperature SD	°C		55,834	55,834	100	0.17	0.00	51.42	0.29
Temperature Max	°C		55,834	55,834	100	3.11	-86.38	33.29	13.61
Temperature Min	°C		55,834	55,834	100	2.29	-86.38	29.78	13.54
BP-20 Barom. mb	mbar		55,834	55,834	100	709.5	650.4	725.4	9.9

Label	Units	Height	Possible Records	Valid Records	Recovery Rate (%)	Mean	Min	Max	Std. Dev
BP-20 Barom. mb SD	mb		55,834	55,834	100	0.19	0.00	33.82	0.15
BP-20 Barom. mb Max	mb		55,834	55,834	100	709.9	650.4	725.8	9.9
BP-20 Barom. mb Min	mb		55,834	55,834	100	709.0	650.0	725.0	10.0
voltmeter	volts		55,834	55,834	100	13.79	0.00	15.17	1.29
voltmeter SD	volts		55,834	55,834	100	0.007	0.000	4.150	0.042
voltmeter Max	volts		55,834	55,834	100	13.82	0.00	15.50	1.29
voltmeter Min	volts		55,834	55,834	100	13.77	0.00	15.16	1.29