

Wind Resource Summary for Aguilar Site

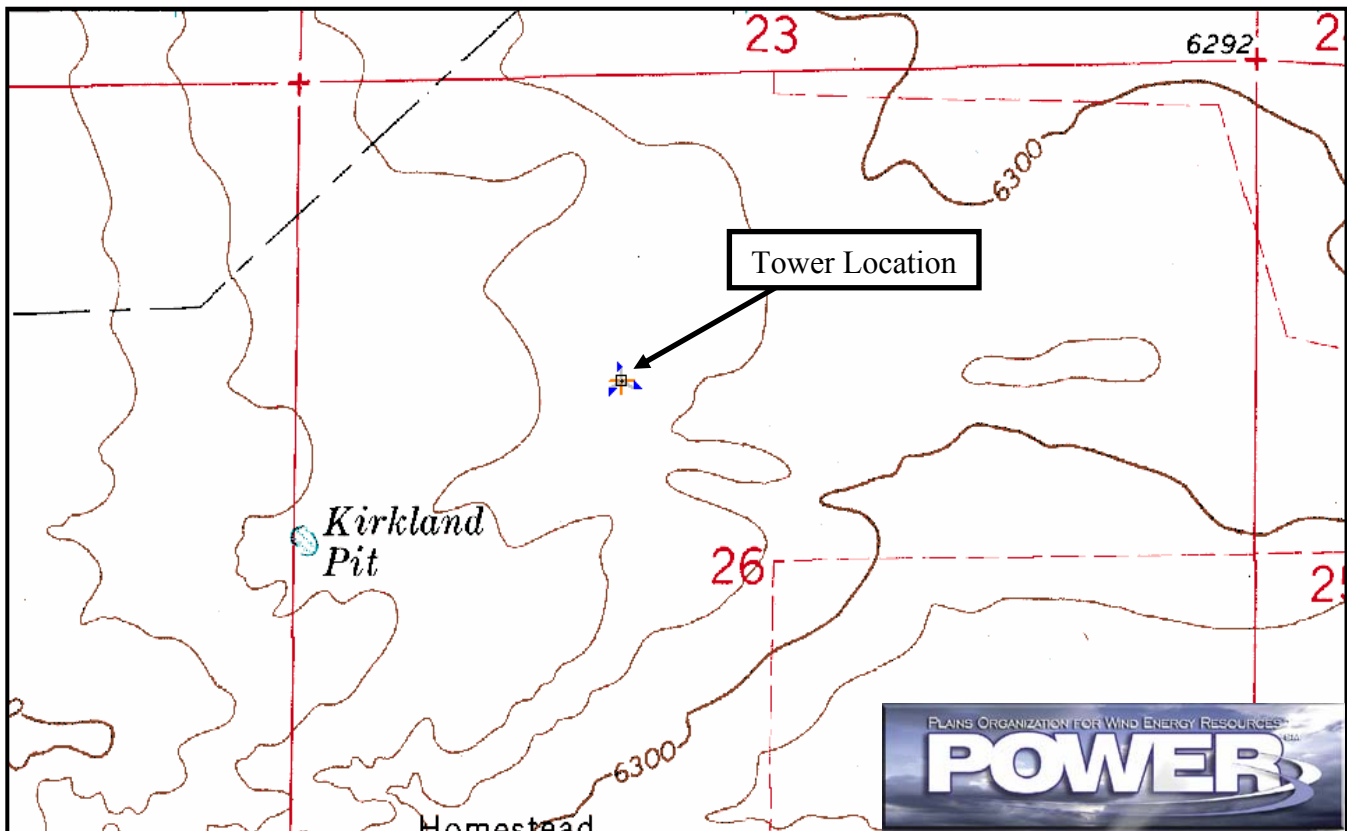
San Isabel Electric Association, Inc.

Monitoring Period^a: 11/3/2004 – 1/30/2006

Site Description:

Latitude: N 37° 29' 40"	Township: 29 S
Longitude: W 104° 38' 28"	Range: 65 W
Elevation: 6333 feet	Section: 26
Tower Type: NRG Tilt-Up	Tower Height: 98 feet

The site is approximately 6 miles north of the town of Aguilar, Colorado. The tower is located next to foothills on the east side of the Rocky Mountains. Vegetation around the site is primarily grass with some brush.



Summary Wind Data	98 ft AGL ^b
Mean Wind Speed	12.0 mph
Maximum, 10-min Mean Wind Speed	56.0 mph – 1/10/2005 9:00 a.m.
Estimated Wind Power Class ^c	Class 2 (184 W/m ²)

^a Data recovery rate was 94%.

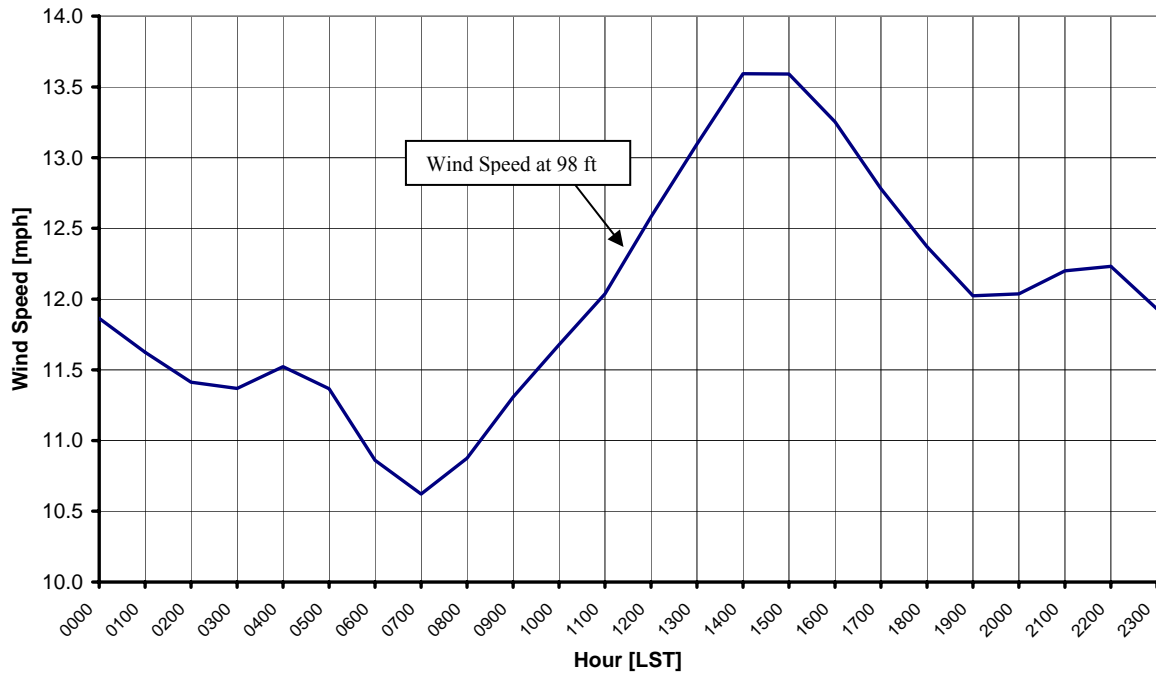
^b Above ground level.

^c Air temperature was not factored into calculation.

Average Hourly Wind Speeds

98 ft AGL		
LST ^d	mph	m/s
0000	11.9	5.30
0100	11.6	5.20
0200	11.4	5.10
0300	11.4	5.08
0400	11.5	5.15
0500	11.4	5.08
0600	10.9	4.85
0700	10.6	4.75
0800	10.9	4.86
0900	11.3	5.05
1000	11.7	5.22
1100	12.0	5.38
1200	12.6	5.62
1300	13.1	5.85
1400	13.6	6.08
1500	13.6	6.08
1600	13.3	5.92
1700	12.8	5.71
1800	12.4	5.53
1900	12.0	5.38
2000	12.0	5.38
2100	12.2	5.45
2200	12.2	5.47
2300	11.9	5.33

San Isabel Electric Association, Inc. – Aguilar Site
11/3/2004 – 1/30/2006



^d Local standard time.



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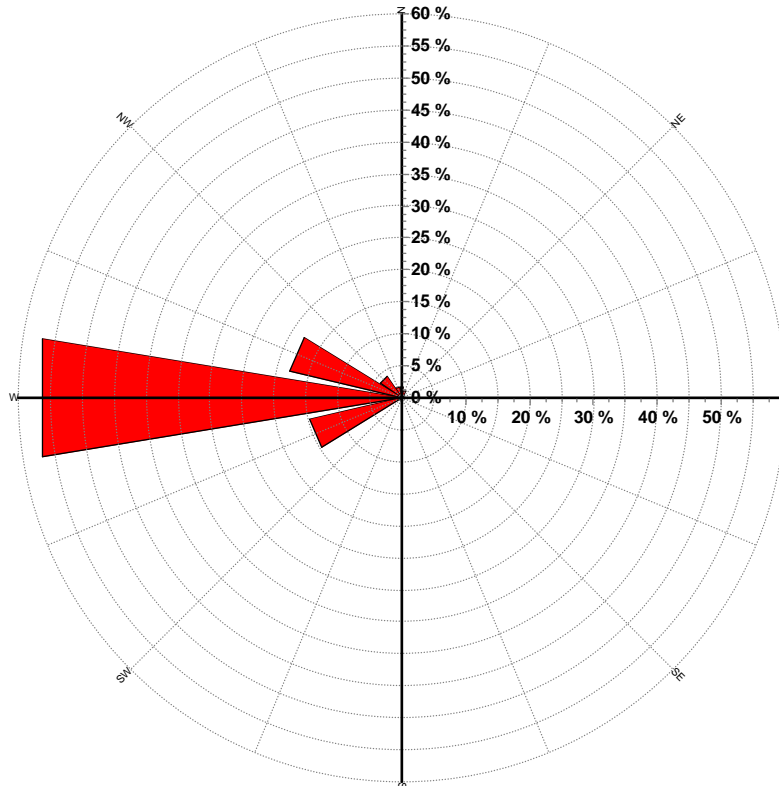
Creation Date: 2/10/2006

Wind Directional Frequency*

Winds from the...	Frequency (%)
NNW	1.8
NW	4.1
WNW	18.0
W	56.9
WSW	14.9
SW	0.4
SSW	0.1
S	0.0
SSE	0.0
SE	0.0
ESE	0.0
E	0.0
ENE	0.3
NE	0.6
NNE	1.1
N	1.7

*Results are suspect. Wind direction data have not been validated.

San Isabel Electric Association, Inc. – Aguilar Site
Wind Rose for 98 ft AGL
11/3/2004 – 1/30/2006



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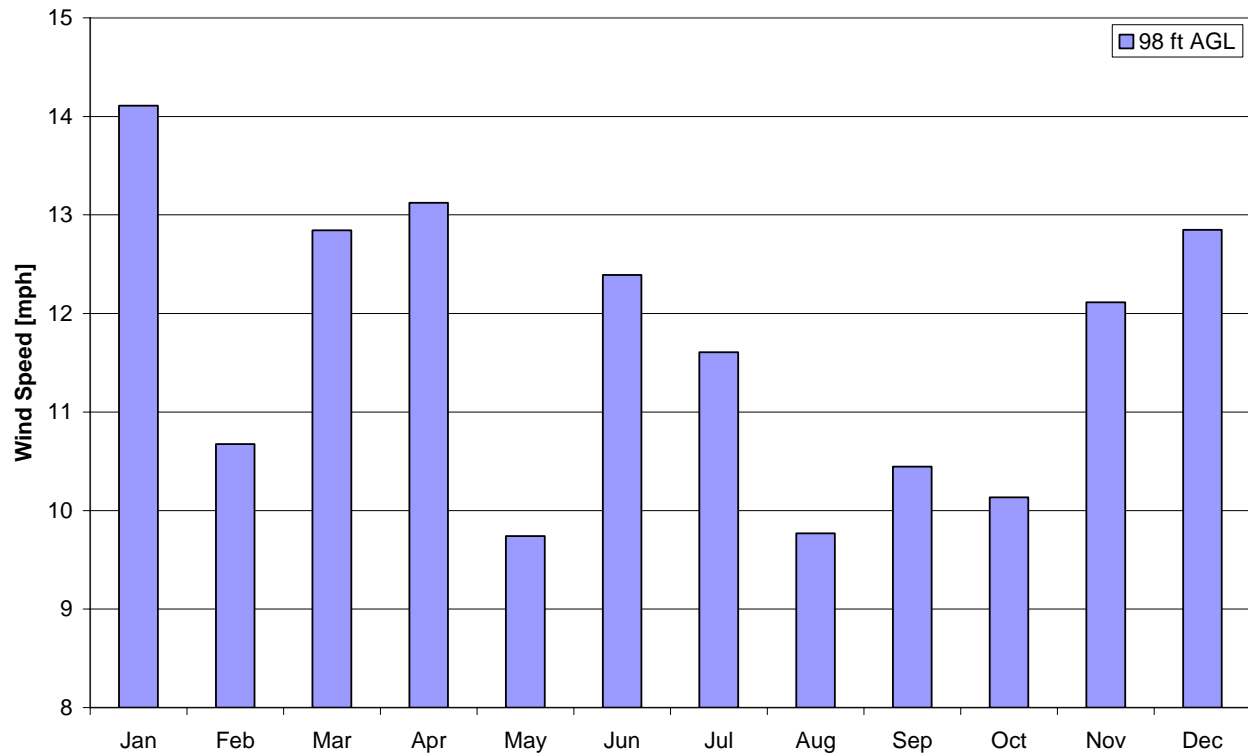
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Monthly Wind Speed Averages

98 ft AGL

Month	mph	m/s
Jan	14.1	6.31
Feb	10.7	4.77
Mar	12.8	5.74
Apr	13.1	5.87
May	9.7	4.35
Jun	12.4	5.54
Jul	11.6	5.19
Aug	9.8	4.37
Sep	10.4	4.67
Oct	10.1	4.53
Nov	12.1	5.42
Dec	12.8	5.74

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