

Wind Resource Summary for Plavic Mesa Site

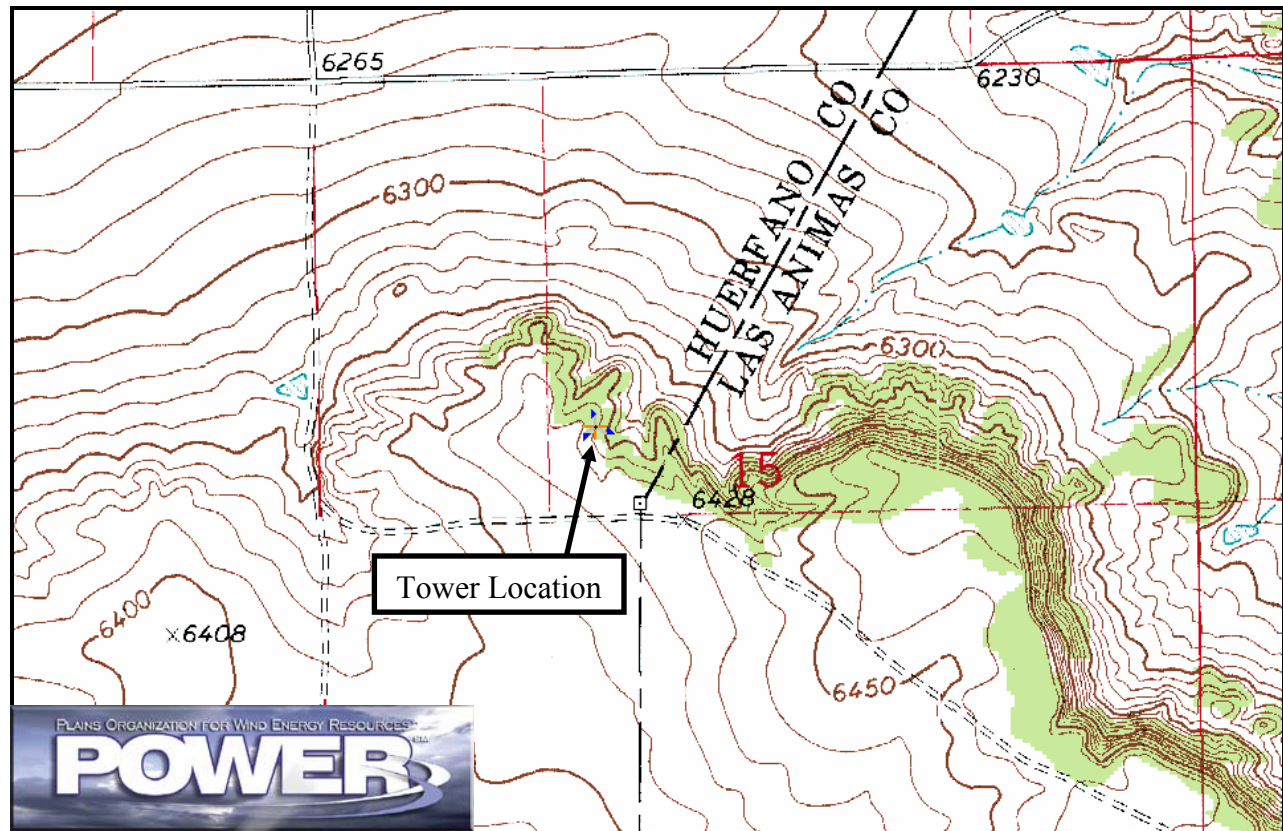
San Isabel Electric Association, Inc.

Monitoring Period^a: 3/15/2006 – 3/6/2007

Site Description:

Latitude: N 37° 36' 39"	Township: 28 S
Longitude: W 104° 32' 58"	Range: 64 W
Elevation: 6420 feet	Section: 15
Tower Type: NRG Tilt-Up	Tower Height: 98 feet

Also known by the name Williams, the site is 1.2 miles east-southeast of the town of Walsenburg, Colorado. The tower is located on Plavic Mesa, which is elevated 200 to 300 feet above the surrounding terrain. Ravines and canyons characterize the landscape to the east. Vegetation is primarily range land with small trees and brush growing in the ravines.



Summary Wind Data	98 ft AGL ^b
Mean Wind Speed	15.0 mph
Maximum, 10-min Mean Wind Speed	68.8 mph – 4/15/2006 8:20 a.m.
Estimated Wind Power Class ^c	Class 3 (314 W/m ²)

^a Wind speed data recovery rate was 97%.

^b Above ground level.

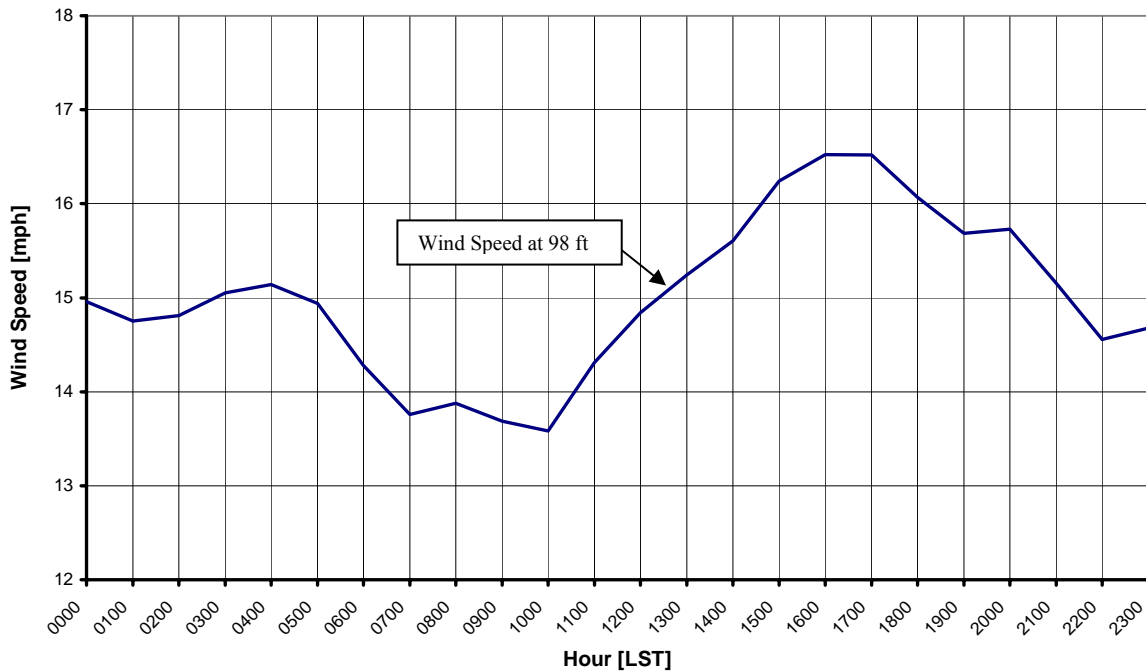
^c Air temperature was not factored into calculation.

Average Hourly Wind Speeds

98 ft AGL

LST ^d	mph	m/s
0000	15.0	6.69
0100	14.8	6.59
0200	14.8	6.62
0300	15.1	6.73
0400	15.1	6.77
0500	14.9	6.68
0600	14.3	6.38
0700	13.8	6.15
0800	13.9	6.20
0900	13.7	6.12
1000	13.6	6.07
1100	14.3	6.40
1200	14.8	6.63
1300	15.2	6.81
1400	15.6	6.98
1500	16.2	7.26
1600	16.5	7.39
1700	16.5	7.38
1800	16.1	7.18
1900	15.7	7.01
2000	15.7	7.03
2100	15.2	6.78
2200	14.6	6.51
2300	14.7	6.56

San Isabel Electric Association, Inc – Plavic Mesa
3/15/2006 – 3/6/2007



^d Local standard time.



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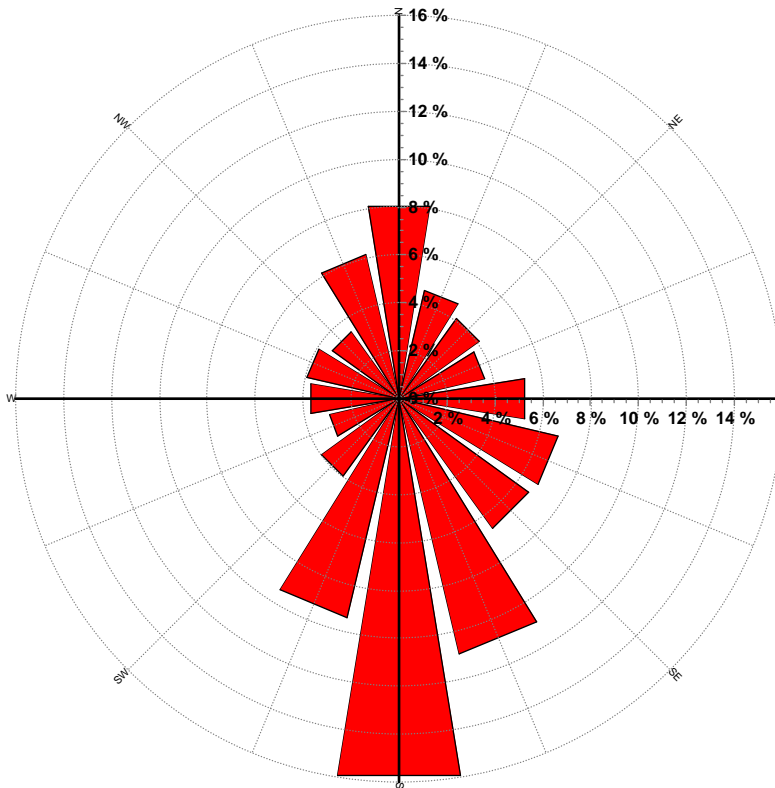
Creation Date: 3/27/2007

Wind Directional Frequency*

Winds from the...	Frequency (%)
NNW	6.2
NW	3.4
WNW	4.0
W	3.7
WSW	3.0
SW	4.0
SSW	9.4
S	15.9
SSE	11.0
SE	6.6
ESE	6.8
E	5.3
ENE	3.7
NE	4.1
NNE	4.6
N	8.1

* Data from wind vane fails quality assurance beginning July 9, 2006.

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Wind Rose for 98 ft AGL
3/15/2006 – 7/9/2006



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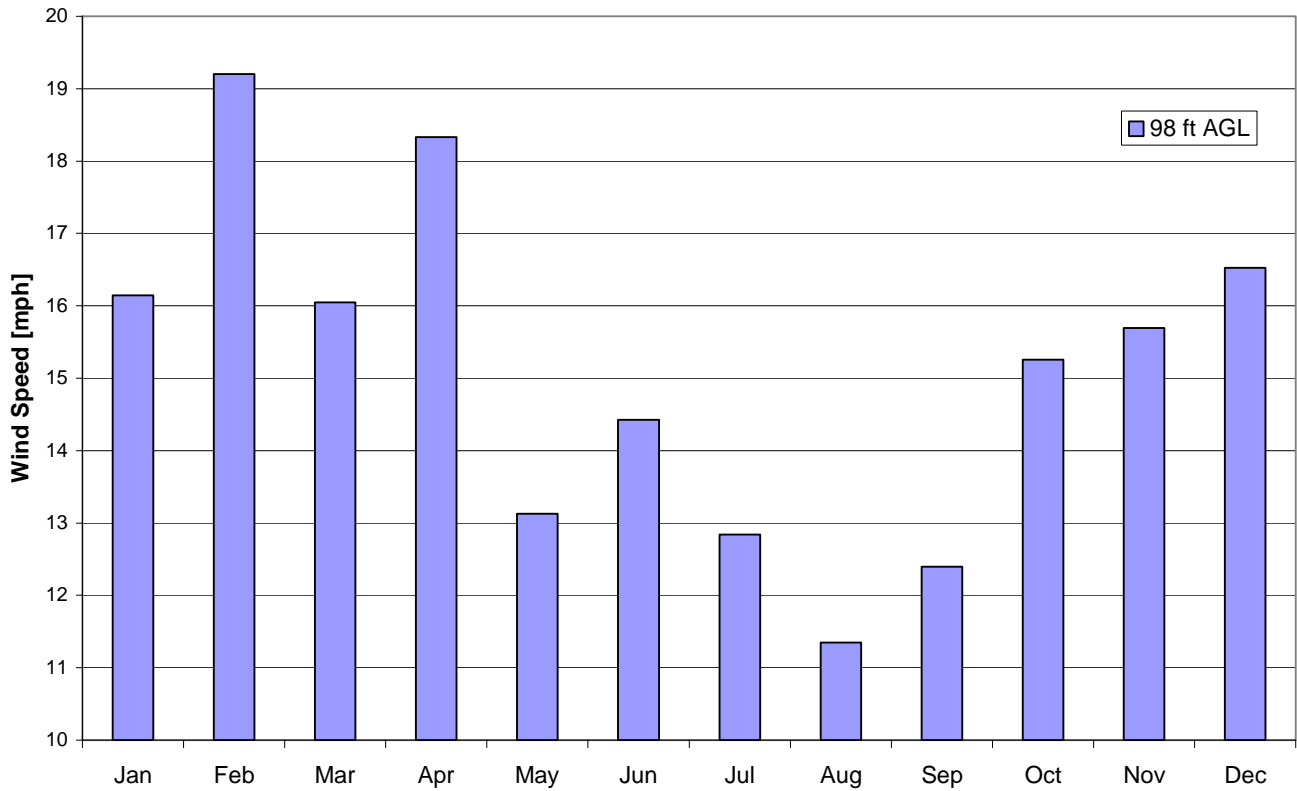
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Monthly Wind Speed Averages

98 ft AGL

Month	mph	m/s
Jan	16.1	7.22
Feb	19.2	8.59
Mar	16.0	7.17
Apr	18.3	8.19
May	13.1	5.87
Jun	14.4	6.45
Jul	12.8	5.74
Aug	11.3	5.07
Sep	12.4	5.54
Oct	15.3	6.82
Nov	15.7	7.02
Dec	16.5	7.39

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