

Wind Resource Summary for East Walsenburg Site

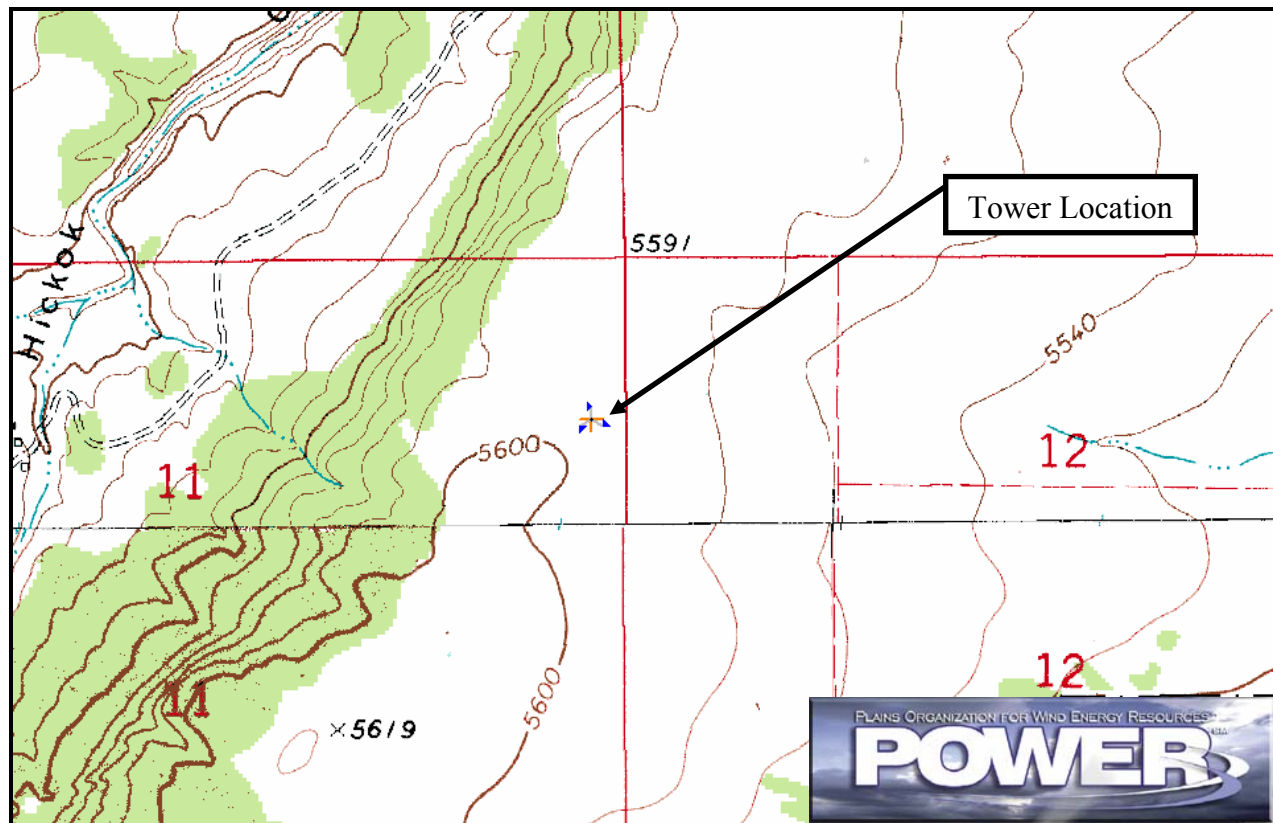
San Isabel Electric Association, Inc.

Monitoring Period^a: 11/1/2004 – 2/21/2006

Site Description:

Latitude: N 37° 37' 36"	Township: 28 S
Longitude: W 104° 17' 50"	Range: 62 W
Elevation: 5598 feet	Section: 11
Tower Type: NRG Tilt-Up	Tower Height: 98 feet

The site is approximately 26.5 miles east of the town of Walsenburg, Colorado and 35 miles east of the Rocky Mountains. The terrain is rugged with the Apishapa Canyon located within a mile of the site. Vegetation is primarily grasses with trees and brush growing in the draws and nearby canyons.



Summary Wind Data	98 ft AGL ^b
Mean Wind Speed	12.8 mph
Maximum, 10-min Mean Wind Speed	55.4 mph – 12/29/2004 6:30 a.m.
Estimated Wind Power Class ^c	Class 2 (221 W/m ²)

^a Data recovery rate was 95%.

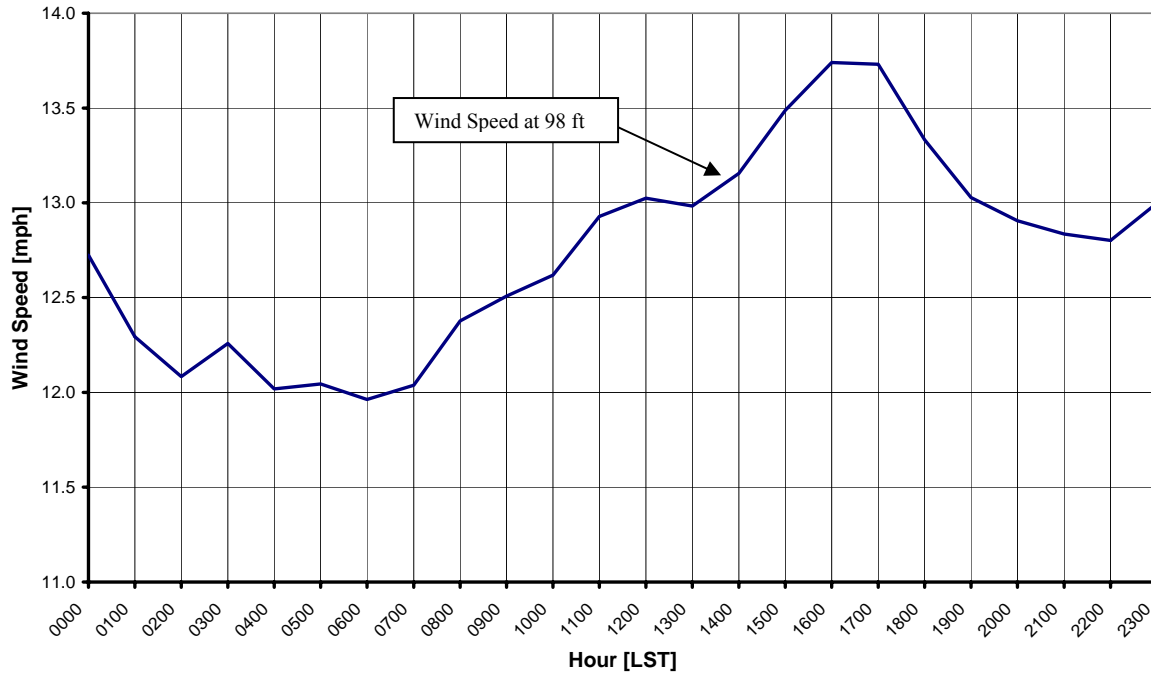
^b Above ground level.

^c Air temperature was not factored into calculation.

Average Hourly Wind Speeds

98 ft AGL		
LST ^d	mph	m/s
0000	12.7	5.69
0100	12.3	5.50
0200	12.1	5.40
0300	12.3	5.48
0400	12.0	5.37
0500	12.0	5.38
0600	12.0	5.35
0700	12.0	5.38
0800	12.4	5.53
0900	12.5	5.59
1000	12.6	5.64
1100	12.9	5.78
1200	13.0	5.82
1300	13.0	5.80
1400	13.2	5.88
1500	13.5	6.03
1600	13.7	6.14
1700	13.7	6.14
1800	13.3	5.96
1900	13.0	5.82
2000	12.9	5.77
2100	12.8	5.74
2200	12.8	5.72
2300	13.0	5.81

San Isabel Electric Association, Inc. – East Walsenburg Site
11/1/2004 – 2/21/2006



^d Local standard time.



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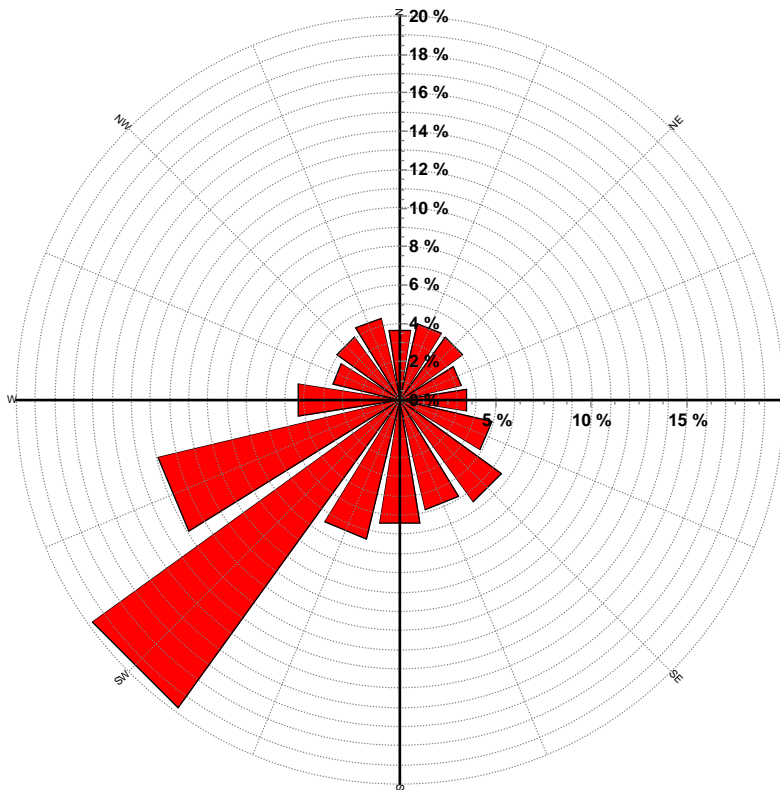
Creation Date: 5/26/2006

Wind Directional Frequency

Winds from the... Frequency (%)

NNW	4.4
NW	4.0
WNW	3.6
W	5.4
WSW	13.0
SW	19.7
SSW	7.5
S	6.5
SSE	5.9
SE	6.5
ESE	4.9
E	3.5
ENE	3.3
NE	4.0
NNE	4.1
N	3.7

San Isabel Electric Association, Inc. – East Walsenburg Site
 Wind Rose for 98 ft AGL
 11/1/2004 – 2/21/2006



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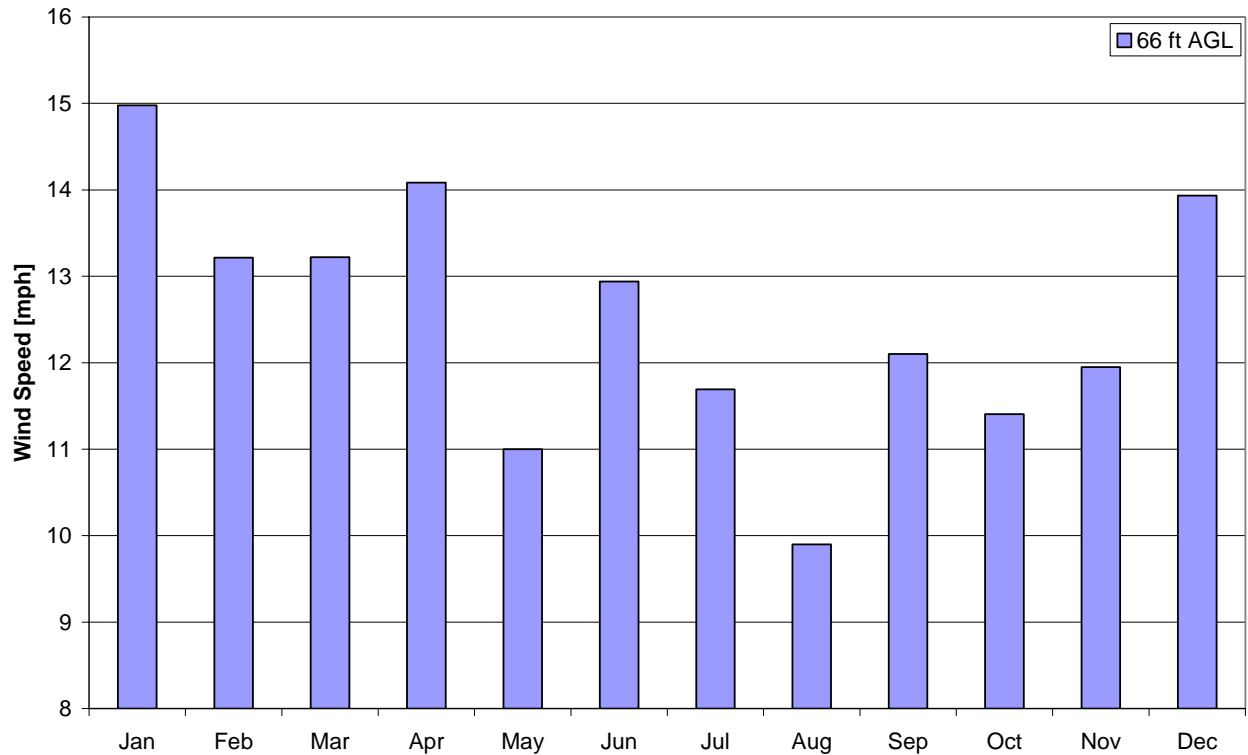
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Monthly Wind Speed Averages

66 ft AGL

Month	mph	m/s
Jan	15.0	6.70
Feb	13.2	5.91
Mar	13.2	5.91
Apr	14.1	6.30
May	11.0	4.92
Jun	12.9	5.79
Jul	11.7	5.23
Aug	9.9	4.43
Sep	12.1	5.41
Oct	11.4	5.10
Nov	11.9	5.34
Dec	13.9	6.23

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