

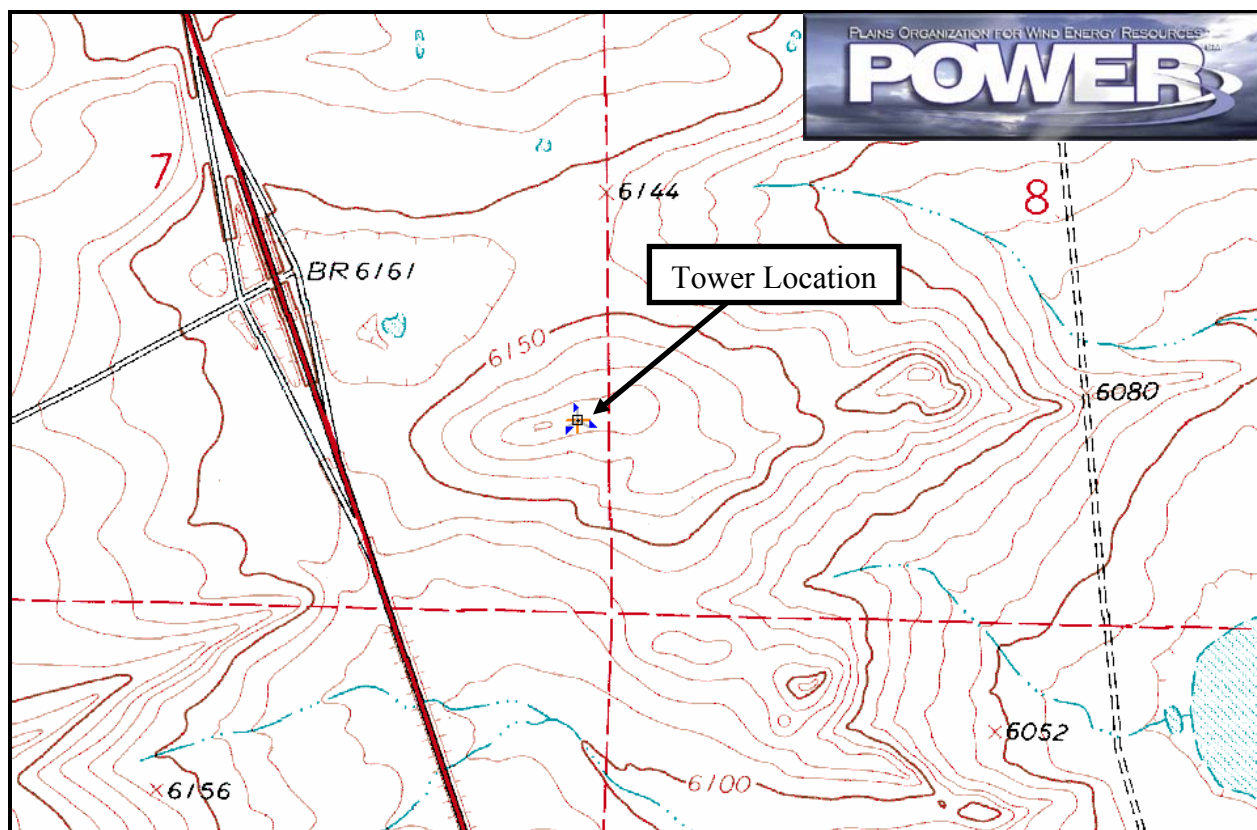
Wind Resource Summary for Walsenburg Airport North

San Isabel Electric Association, Inc.
Monitoring Period^a: 2/1/2006 – 3/6/2007

Site Description:

Latitude: N 37° 42' 28"	Township: 27 S
Longitude: W 104° 48' 40"	Range: 66 W
Elevation: 6190 feet	Section: 7
Tower Type: NRG Tilt-Up	Tower Height: 98 feet

Also known by the name Potts, the site is 1.5 miles northeast of the airport (Johnson Field) and approximately 6 miles north-northwest of the town of Walsenburg, Colorado. Interstate Highway 25 is located about 1500 feet west of the tower. From aerial photos, the site appears to be located on pasture.



Summary Wind Data	98 ft AGL ^b
Mean Wind Speed	14.8 mph
Maximum, 10-min Mean Wind Speed	59.5 mph – 4/15/2006 8:40 a.m.
Estimated Wind Power Class ^c	Class 4 (345 W/m ²)

^a Data recovery rate was 88%. Low recovery rate due to data gap between 2/24/2006 through 4/5/2006.

^b Above ground level.

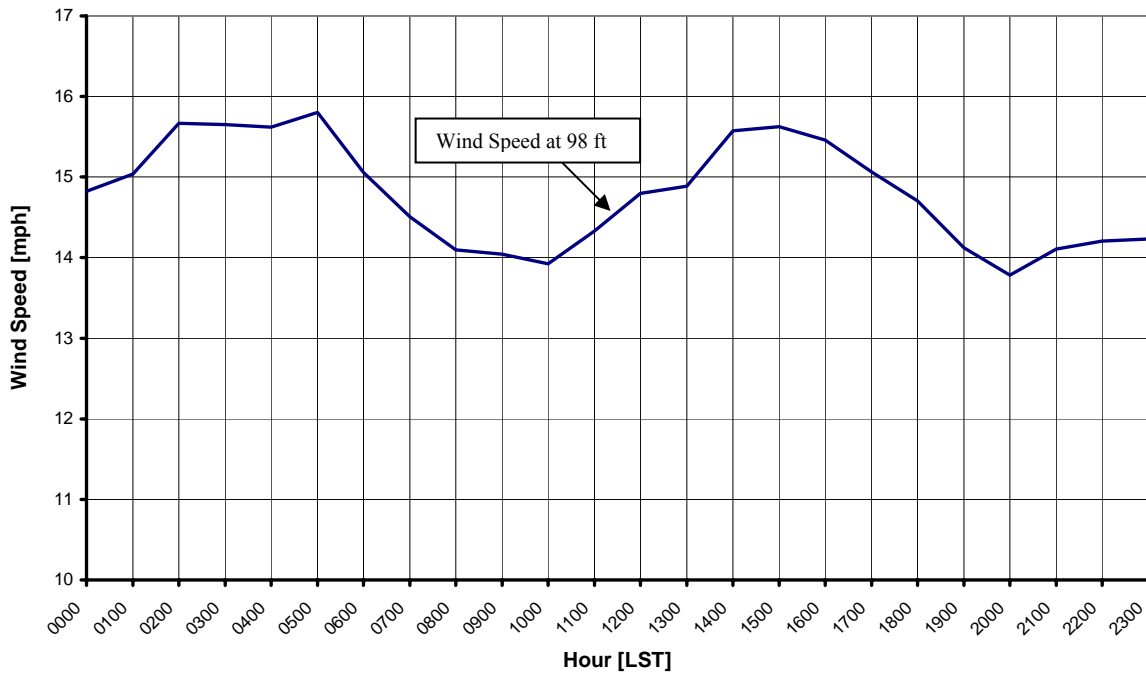
^c Air temperature was not factored into calculation.

Average Hourly Wind Speeds

98 ft AGL

LST ^d	mph	m/s
0000	14.8	6.63
0100	15.0	6.72
0200	15.7	7.00
0300	15.7	7.00
0400	15.6	6.98
0500	15.8	7.06
0600	15.1	6.73
0700	14.5	6.49
0800	14.1	6.30
0900	14.0	6.28
1000	13.9	6.23
1100	14.3	6.41
1200	14.8	6.61
1300	14.9	6.65
1400	15.6	6.96
1500	15.6	6.99
1600	15.5	6.91
1700	15.1	6.73
1800	14.7	6.57
1900	14.1	6.31
2000	13.8	6.16
2100	14.1	6.31
2200	14.2	6.35
2300	14.2	6.36

San Isabel Electric Association, Inc. – Walsenburg Airport North
2/1/2006 – 3/6/2007



^d Local standard time.



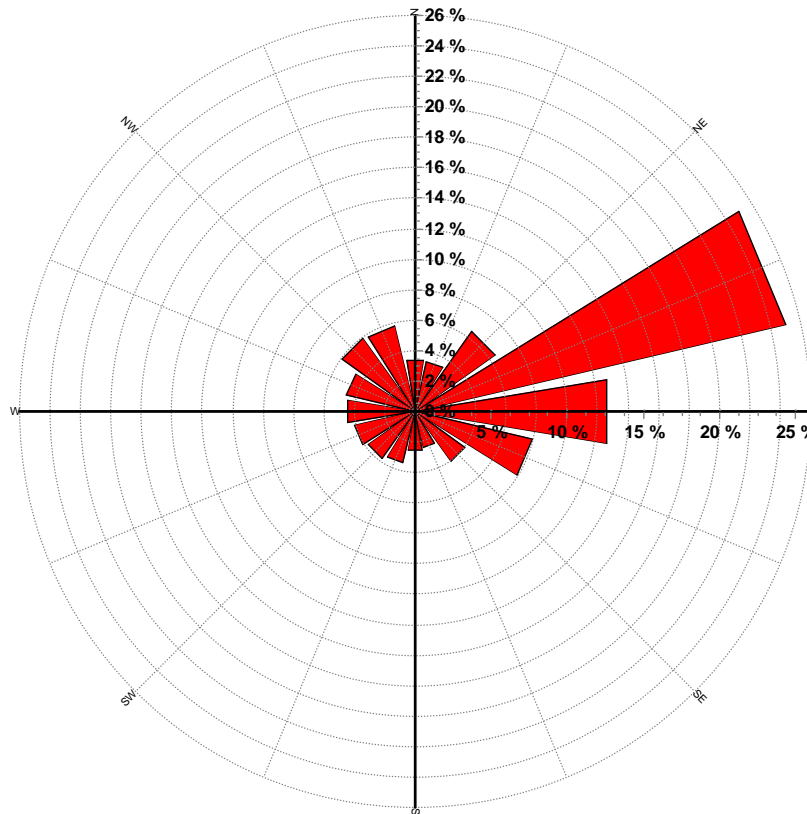
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Creation Date: 3/27/2007

Wind Directional Frequency

Winds from the...	Frequency (%)
NNW	5.8
NW	5.9
WNW	4.6
W	4.5
WSW	4.1
SW	3.8
SSW	3.5
S	2.5
SSE	2.4
SE	4.0
ESE	7.9
E	12.8
ENE	25.0
NE	6.4
NNE	3.4
N	3.4

San Isabel Electric Association, Inc. – Walsenburg Airport North
 Wind Rose for 98 ft AGL
 2/1/2006 – 3/6/2007



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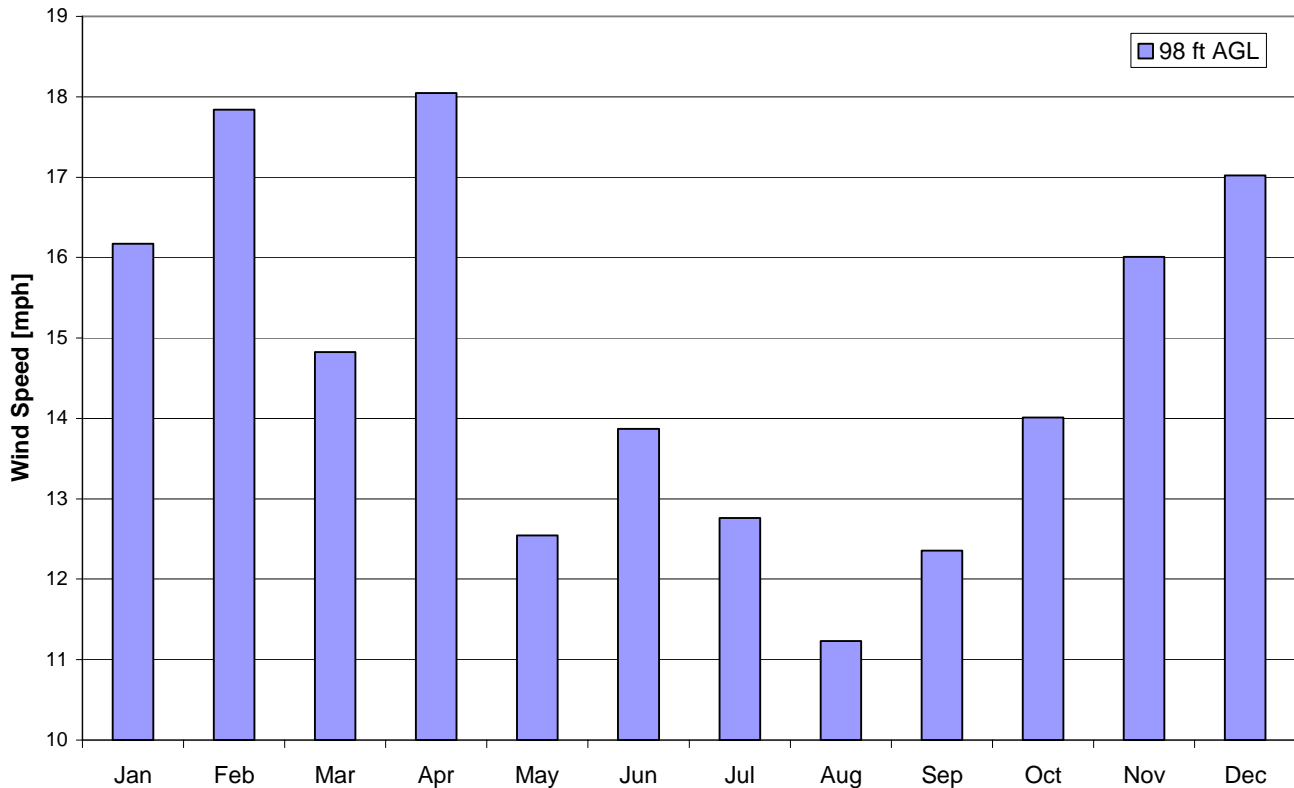
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Monthly Wind Speed Averages

98 ft AGL

Month	mph	m/s
Jan	16.2	7.23
Feb	17.8	7.97
Mar	14.8	6.63
Apr	18.0	8.07
May	12.5	5.61
Jun	13.9	6.20
Jul	12.8	5.70
Aug	11.2	5.02
Sep	12.4	5.52
Oct	14.0	6.26
Nov	16.0	7.16
Dec	17.0	7.61

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