

Wind Resource Summary for Holyoke Site

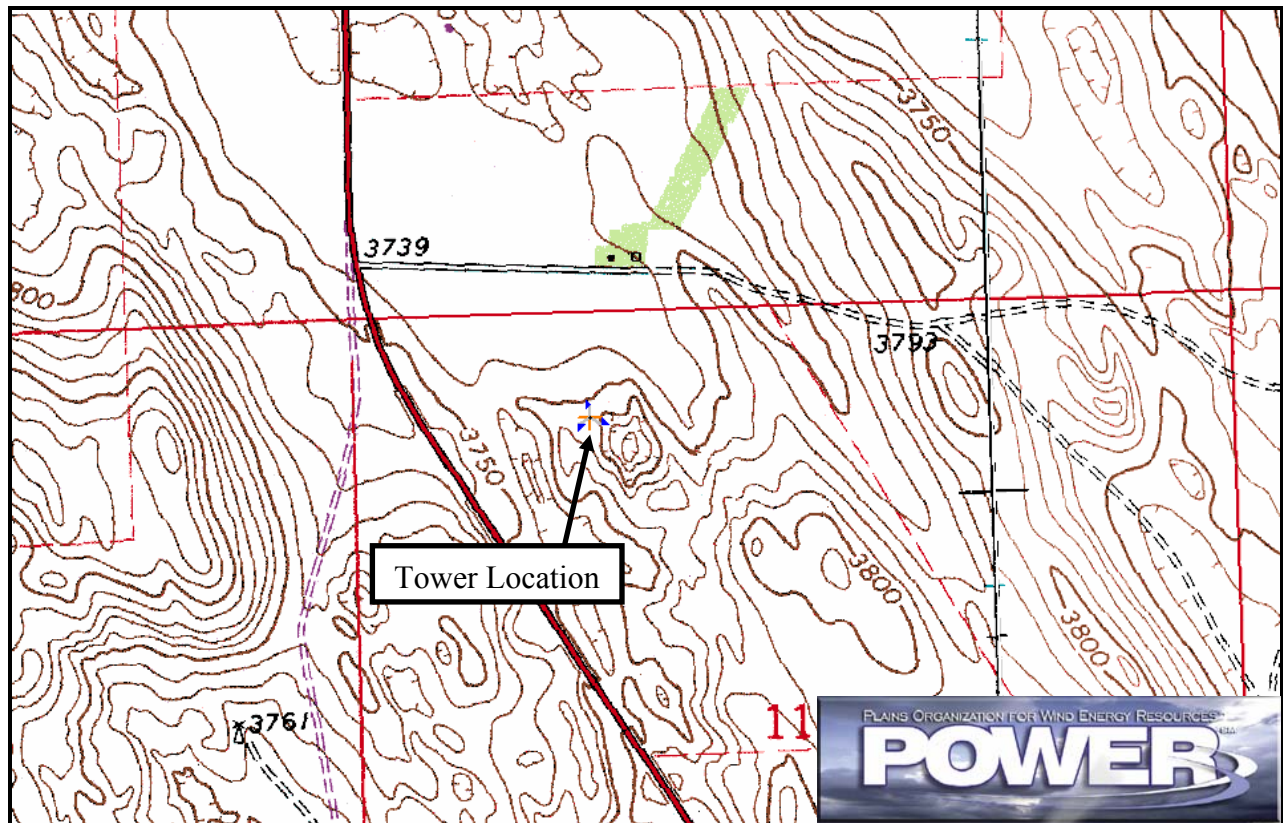
Colorado Anemometer Loan Program

Monitoring Period^a: 6/21/2006 – 11/12/2006

Site Description:

Latitude: N 40° 20' 05"	Township: 4 N
Longitude: W 102° 15' 33"	Range: 44 W
Elevation: 3776 feet	Section: 11
Tower Type: NRG Tilt-Up	Tower Height: 98 feet

The site is 17.4 miles south of the town of Holyoke, Colorado, and it is east of U.S. Highway 385. The terrain is relatively flat, with less than 80 feet of relief over a mile. The tower is located in pasture, but cropland can be found immediately north of the site. A farmstead is located about 1000 feet north-northeast of the site.



Summary Wind Data	98 ft AGL ^b
Mean Wind Speed	12.4 mph
Maximum, 10-min Mean Wind Speed	39.4 mph – 9/21/2006 7:00 a.m.
Estimated Wind Power Class ^c	Class 2 (160 W/m ²)

^a Data recovery rate was 100%.

^b Above ground level.

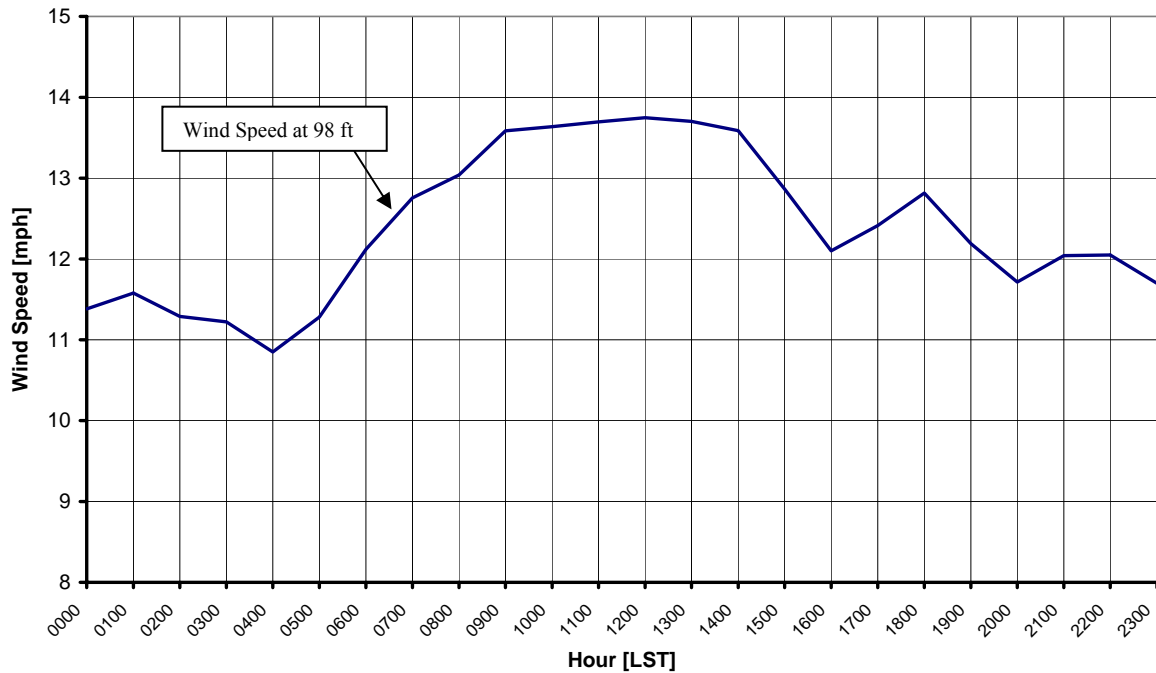
^c Air temperature was not factored into calculation.

Average Hourly Wind Speeds

98 ft AGL

LST ^d	mph	m/s
0000	11.4	5.09
0100	11.6	5.18
0200	11.3	5.05
0300	11.2	5.02
0400	10.8	4.85
0500	11.3	5.04
0600	12.1	5.42
0700	12.8	5.70
0800	13.0	5.83
0900	13.6	6.07
1000	13.6	6.10
1100	13.7	6.12
1200	13.7	6.15
1300	13.7	6.13
1400	13.6	6.07
1500	12.9	5.75
1600	12.1	5.41
1700	12.4	5.55
1800	12.8	5.73
1900	12.2	5.45
2000	11.7	5.24
2100	12.0	5.38
2200	12.1	5.39
2300	11.7	5.23

Colorado Anemometer Loan Program – Holyoke Site
6/21/2006 – 11/12/2006



^d Local standard time.



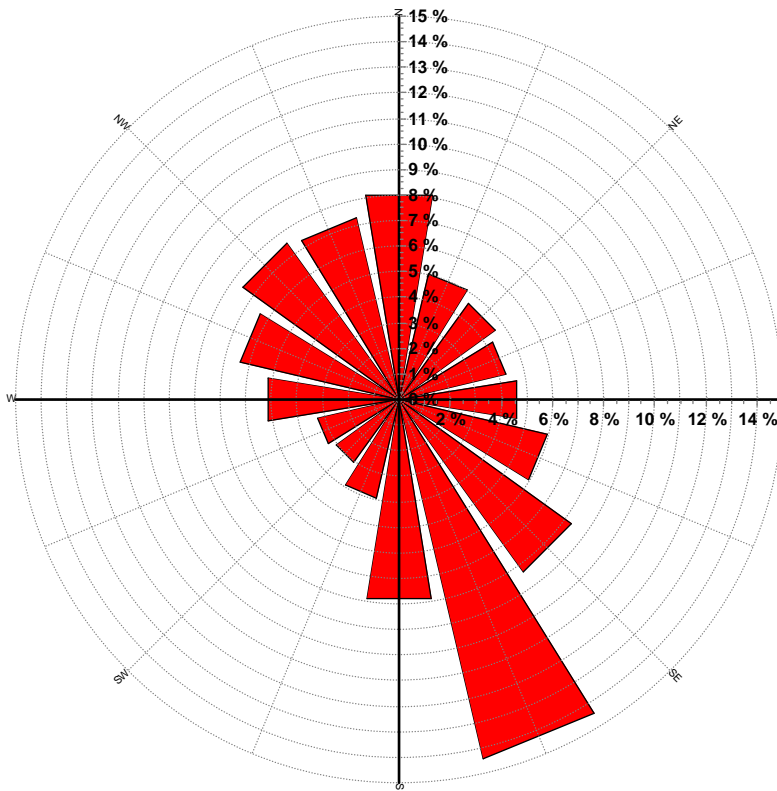
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Creation Date: 12/20/2006

Wind Directional Frequency

Winds from the...	Frequency (%)
NNW	7.3
NW	7.5
WNW	6.4
W	5.2
WSW	3.3
SW	3.0
SSW	4.0
S	7.9
SSE	14.5
SE	8.3
ESE	6.0
E	4.7
ENE	4.3
NE	4.6
NNE	5.1
N	8.1

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 Wind Rose for 98 ft AGL
 6/21/2006 – 11/12/2006



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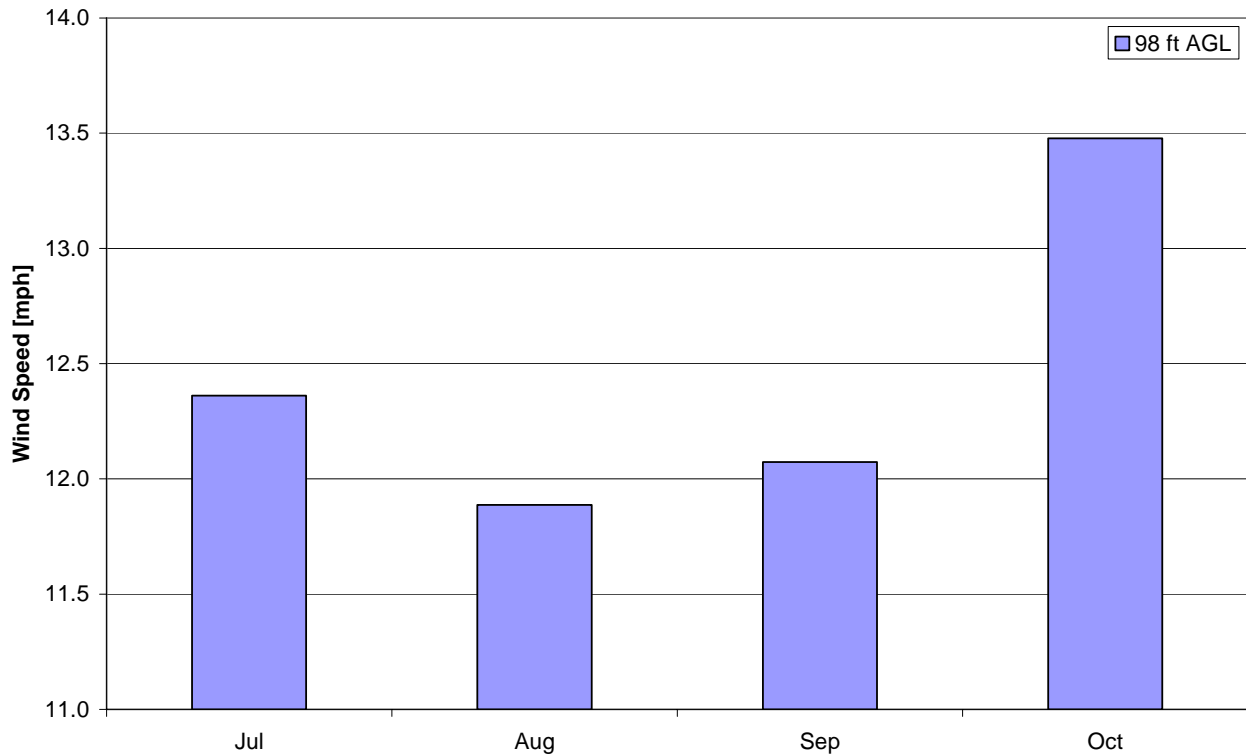
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Monthly Wind Speed Averages

98 ft AGL

Month	mph	m/s
Jul	12.4	5.53
Aug	11.9	5.31
Sep	12.1	5.40
Oct	13.5	6.03

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7/1/2006 – 10/31/2006



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