

# IIRA Wind Monitoring Program

## Monroe Co 1

### Summary Report

Site Information	
Site Name	Waterloo
Site Number	6726

Data Collection	
Period	12/9/2011 - 2/10/2013
Interval	10 minutes

Latitude	N 38 19.002
Longitude	W 90 8.166
County, State	Monroe, IL
Elevation (m)	203
Time Zone	CST (-6)
Land Description	Grassy area adjacent to athletic field

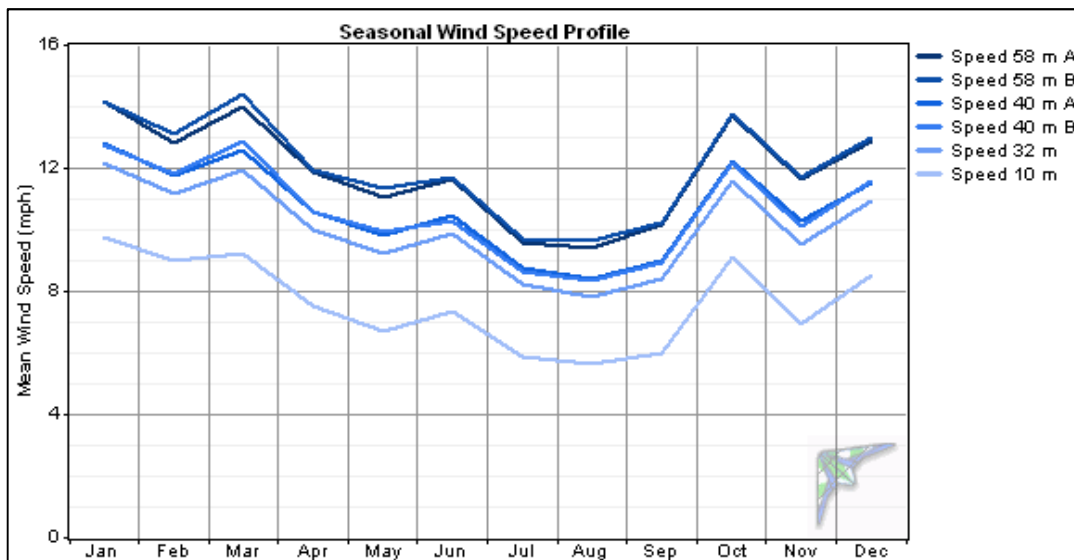
Parameters	Observation Heights (m)
Wind Speed	58, 40, 32, 10
Wind Direction	57, 34
Temperature	2, 55
Solar Radiation	2.5
Data logger battery	NA

Tower Height	60 m
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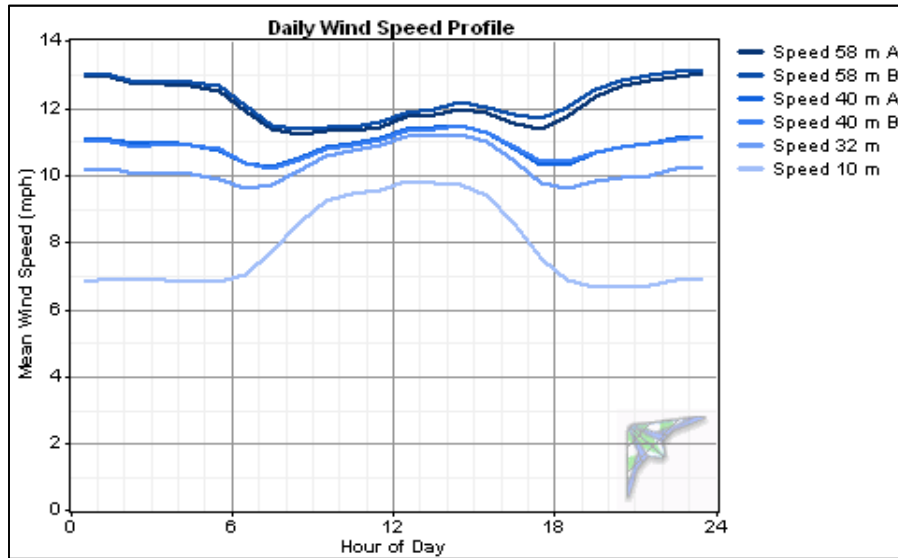
#### Results:

#### Wind Speed

	Speed	Speed	Speed	Speed	Speed	Speed
	58 m A	58 m B	40 m A	40 m B	32 m	10 m
Mean wind speed (mph)	12.11	12.27	10.89	10.88	10.27	7.84
Min wind speed (mph)	0.90	0.90	0.90	0.90	0.90	0.90
Max wind speed (mph)	44.07	44.29	42.95	42.95	41.83	35.57
Data recovery rate (%)	98.18	98.18	98.18	98.18	98.18	98.18



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## Wind Direction

