

IIRA Wind Monitoring Program

Perry Co 1

Summary Report

Site Information	
Site Name	Perry
Site Number	7726

Data Collection	
Period	4/1/2013 - 8/12/2014
Interval	10 minutes

Latitude	N 38 5.182
Longitude	W 89 19.858
County, State	Perry, IL
Elevation (m)	139
Time Zone	CST (-6)
Land Description	Hay Field

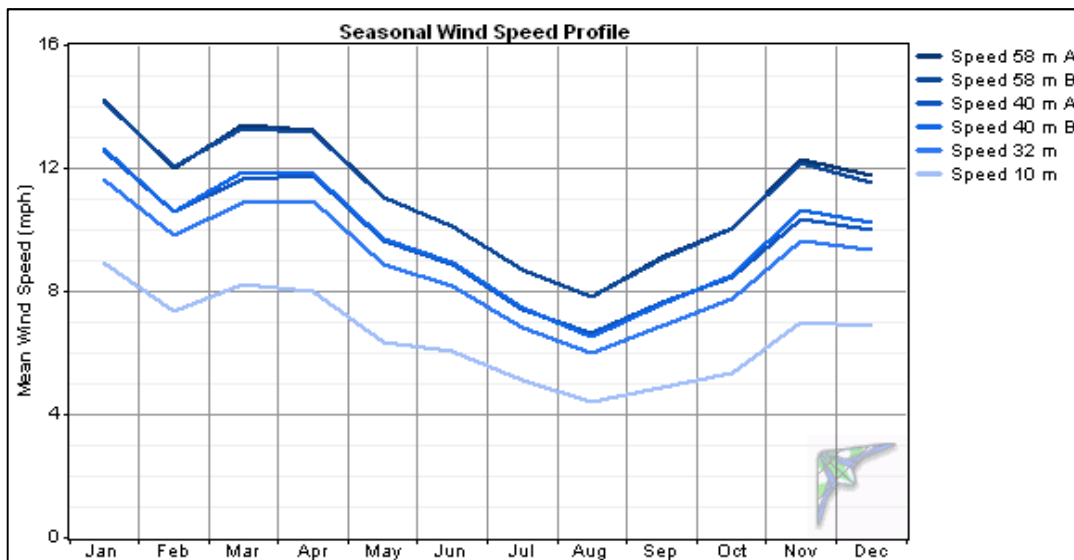
Parameters	Observation Heights (m)
Wind Speed	58, 40, 32, 10
Wind Direction	57, 34
Temperature	2, 55
Solar Radiation	2.5
Data logger battery	NA

Tower Height	60 m
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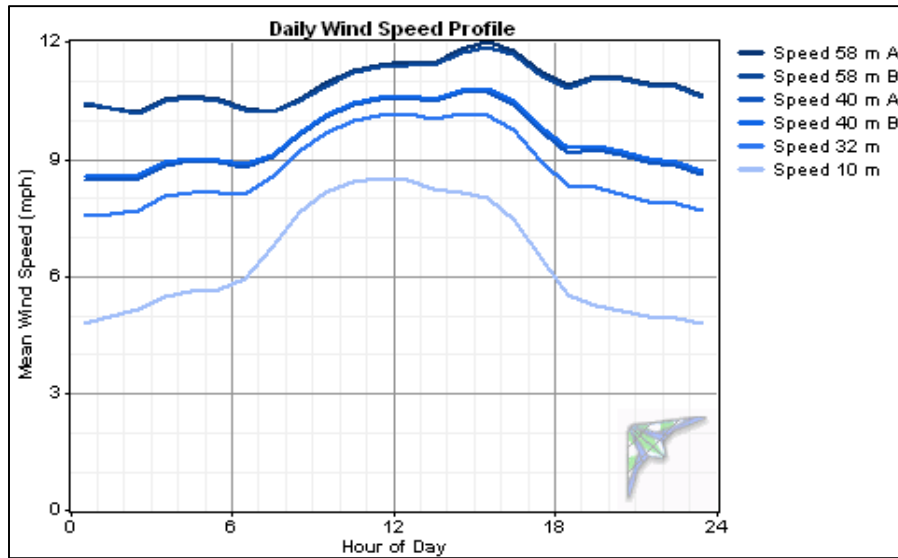
Results:

Wind Speed

	Speed 58 m A	Speed 58 m B	Speed 40 m A	Speed 40 m B	Speed 32 m	Speed 10 m
Mean wind speed (mph)	10.94	10.89	9.46	9.53	8.75	6.43
Min wind speed (mph)	0.90	0.90	0.90	0.90	0.90	0.90
Max wind speed (mph)	53.24	52.79	48.99	48.77	46.31	35.79
Data recovery rate (%)	96.95	96.95	96.95	96.95	96.95	96.95



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Wind Direction

