

IIRA Wind Monitoring Program

Marion Co 1

Summary Report

Site Information	
Site Name	Sandoval
Site Number	5036

Data Collection	
Period	12/11/2011 - 2/13/2013
Interval	10 minutes

Latitude	N 38 37.125
Longitude	W 89 7.773
County, State	Marion, IL
Elevation (m)	153
Time Zone	CST (-6)
Land Description	Agricultural field

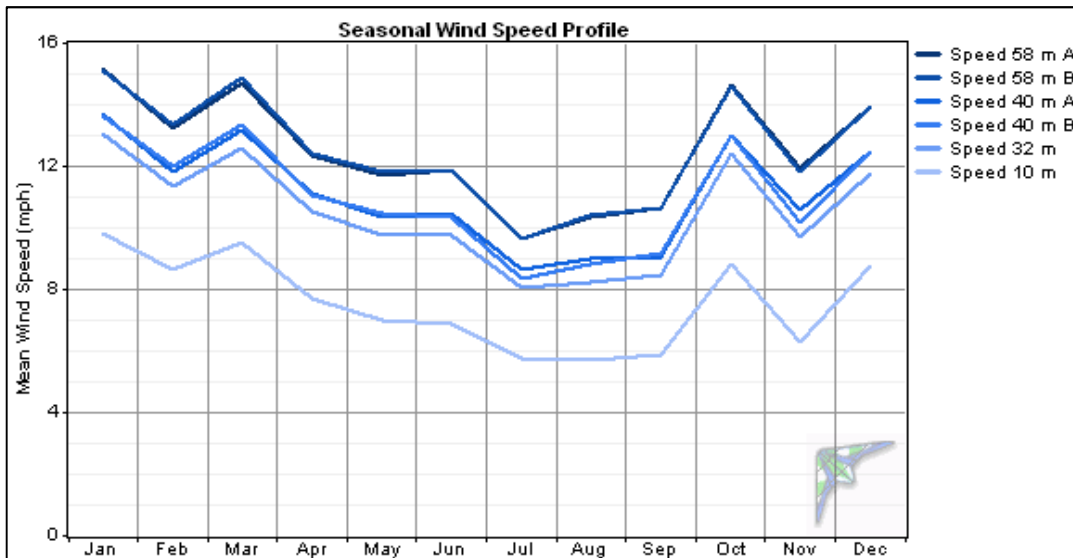
Parameters	Observation Heights (m)
Wind Speed	58, 40, 32, 10
Wind Direction	57, 34
Temperature	2, 55
Solar Radiation	2.5
Data logger battery	NA

Tower Height	60 m
--------------	------

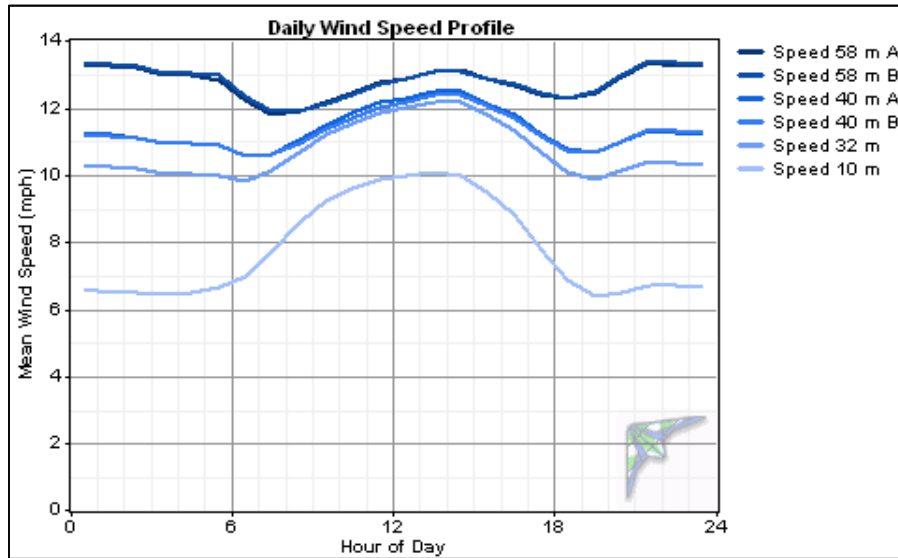
Results:

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)	12.76	12.79	11.36	11.32	10.72	7.80
Min wind speed (mph)	0.90	0.90	0.90	0.90	0.90	0.90
Max wind speed (mph)	44.29	42.95	41.38	40.49	40.04	31.99
Data recovery rate (%)	98.18	98.18	98.18	98.18	98.18	98.67



IIRA Wind Monitoring Program Marion Co 1



Wind Direction

