

Site Information:

Project: MSU Anemometer Loan Program
Location: Beal City
Elevation: 900

Sensor on channel 1:

NRG #40 Anem, mph
Height: 100
Serial #:

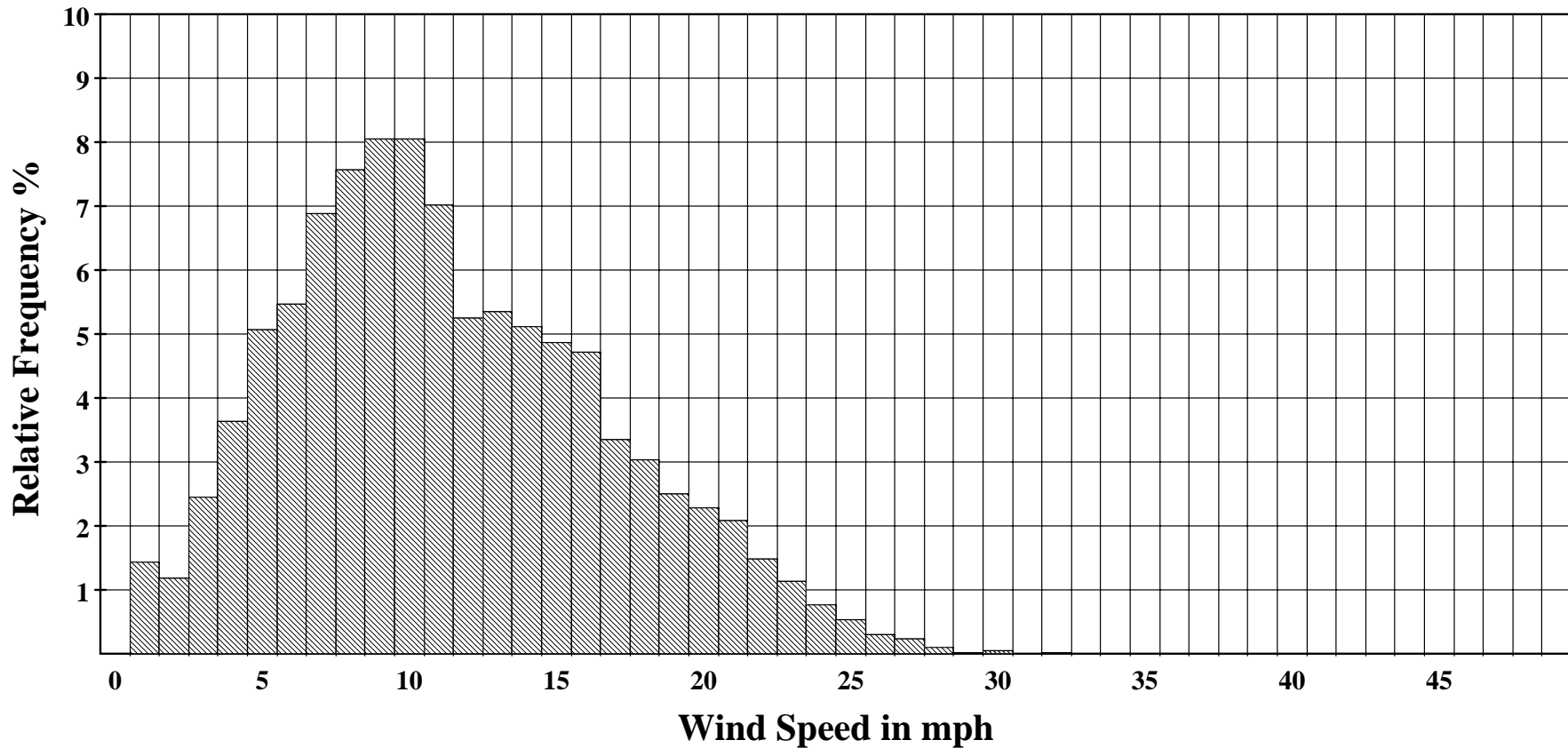
April 2010

Frequency Distribution Ch 1

SITE 1480

Beal City High School

Frequency Distribution



Site Information:

Project: MSU Anemometer Loan Program
Location: Beal City
Elevation: 900

Sensor on channel 2:

NRG #40 Anem, mph
Height: 75
Serial #:

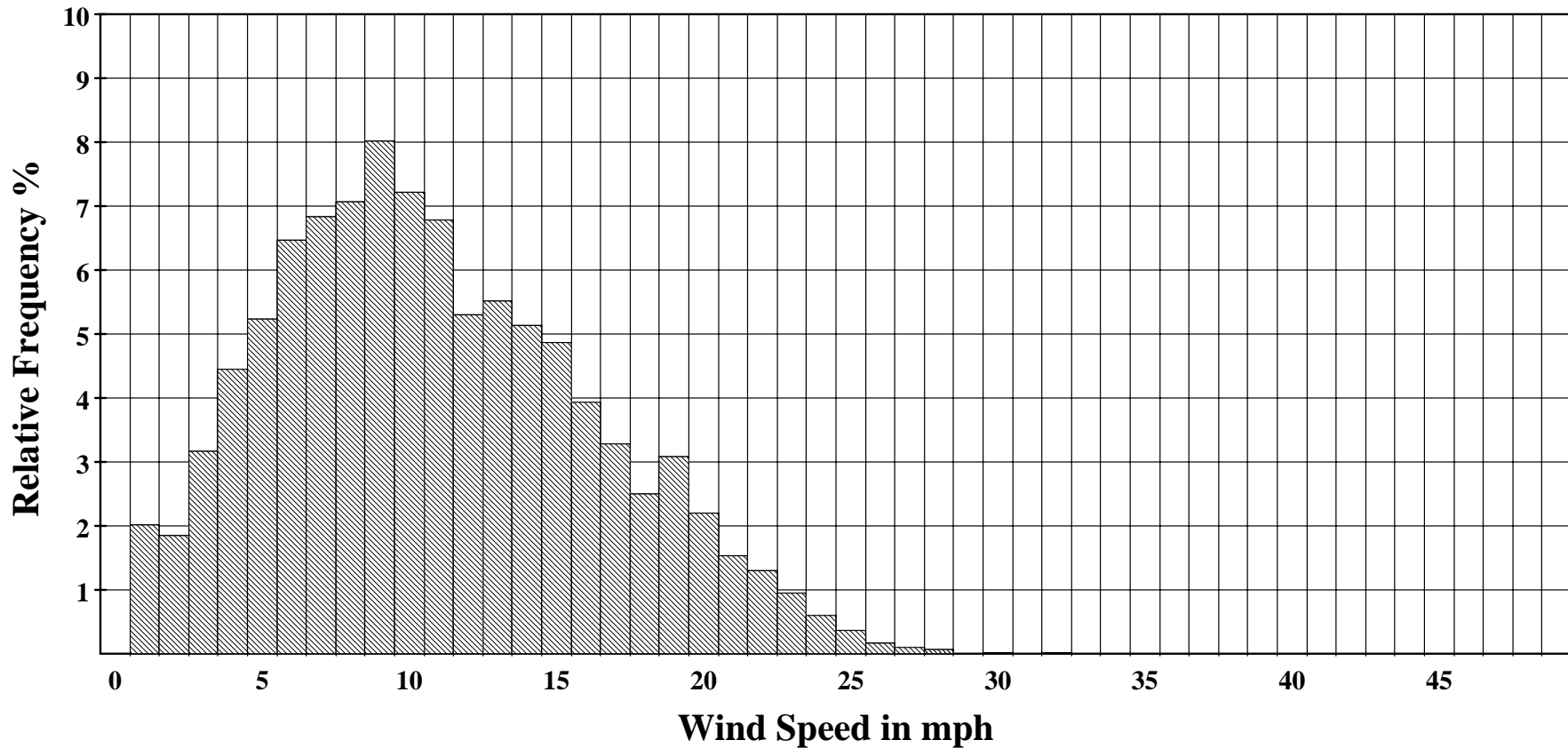
April 2010

Frequency Distribution Ch 2

SITE 1480

Beal City High School

Frequency Distribution



Site Information:

Project: MSU Anemometer Loan Program
Location: Beal City
Elevation: 900

Sensor on channel 1:

NRG #40 Anem, mph
Height: 100
Serial #:

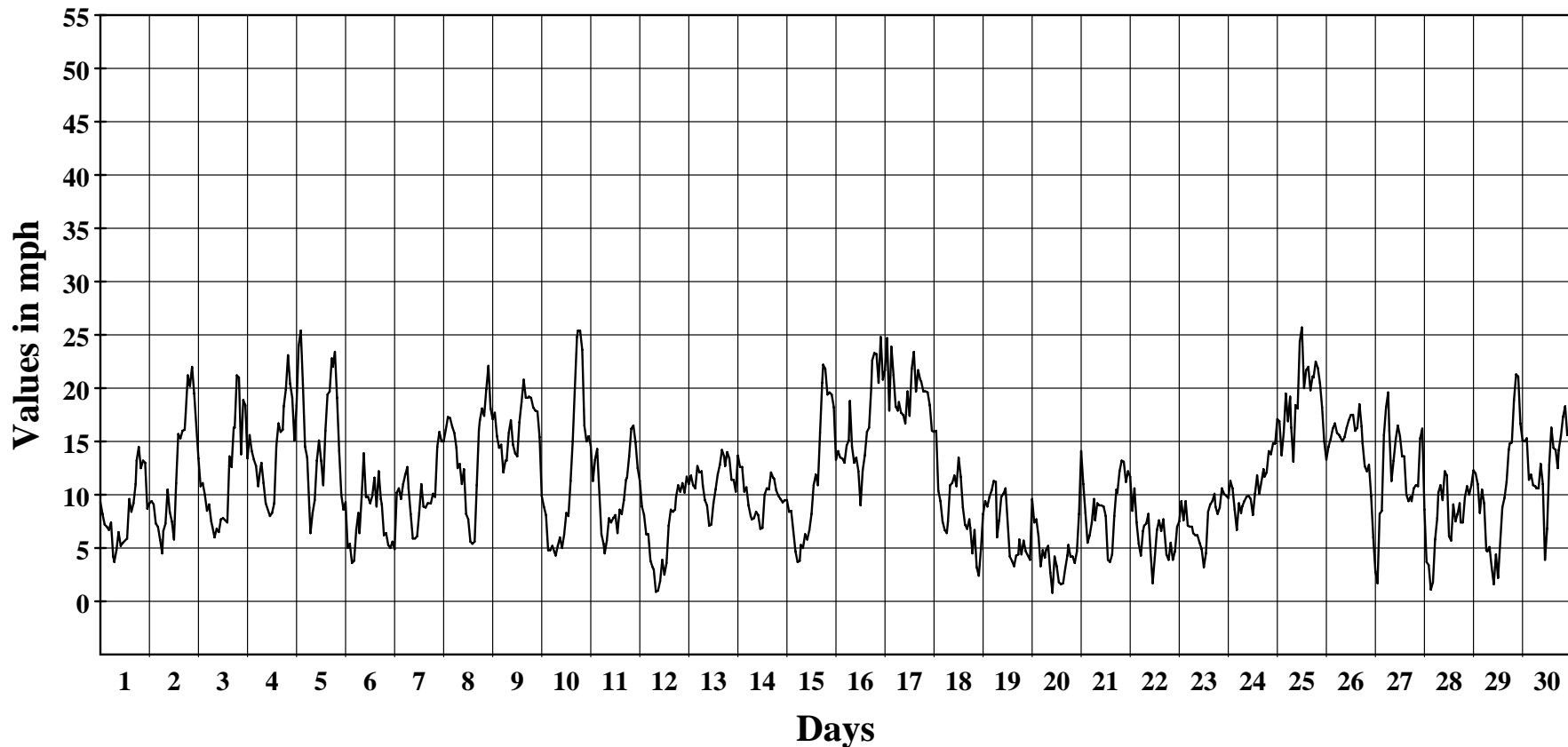
April 2010

Hourly Averages Graph Ch 1

SITE 1480

Beal City High School

Average Hourly Values



Average Value: 11.3

Site Information:

Project: MSU Anemometer Loan Program
Location: Beal City
Elevation: 900

Sensor on channel 2:

NRG #40 Anem, mph
Height: 75
Serial #:

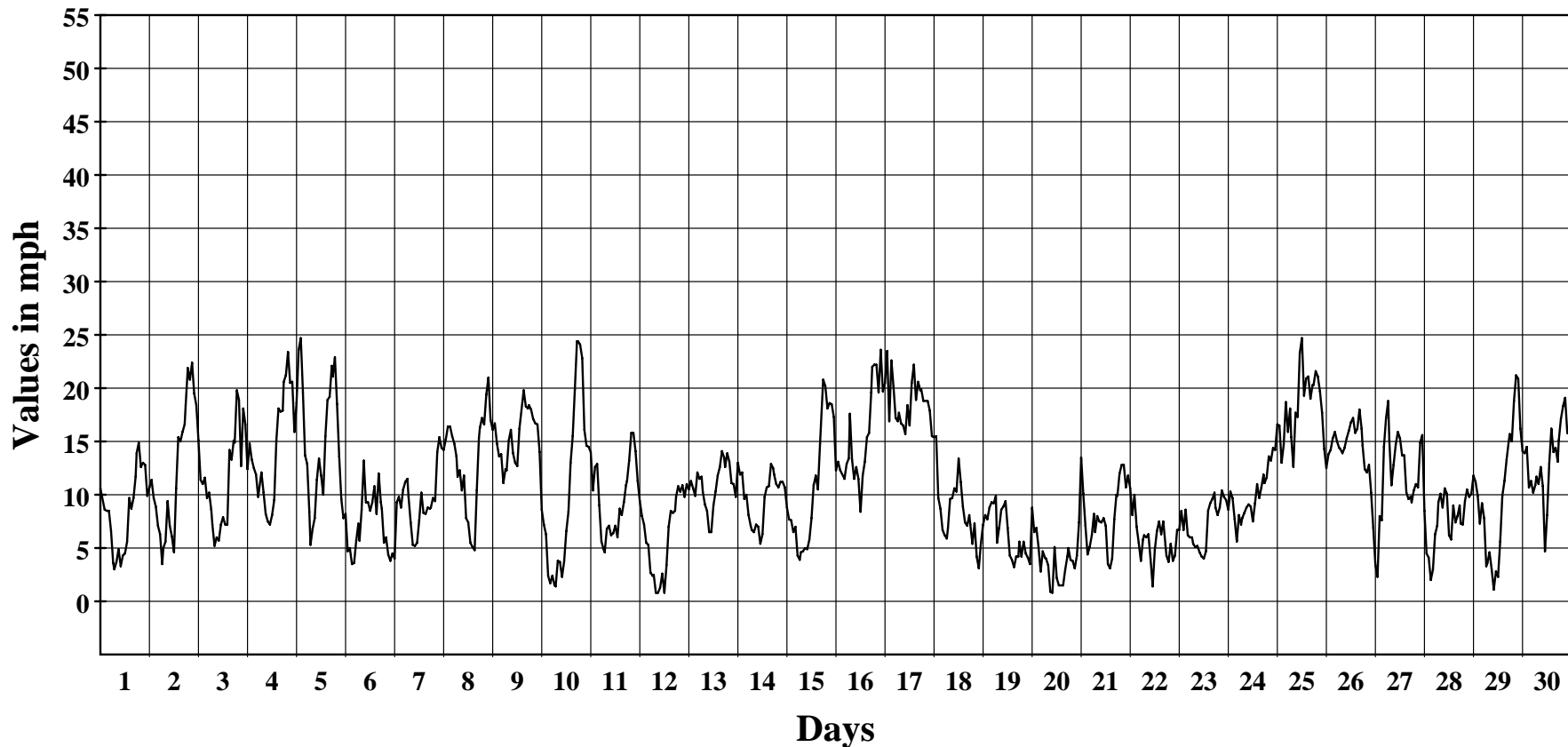
April 2010

Hourly Averages Graph Ch 2

SITE 1480

Beal City High School

Average Hourly Values



Average Value: 10.8

Site Information:

Project: MSU Anemometer Loan Program
Location: Beal City
Elevation: 900

Sensor on channel 9:

NRG 110S Temp, F
Height: 20
Serial #:

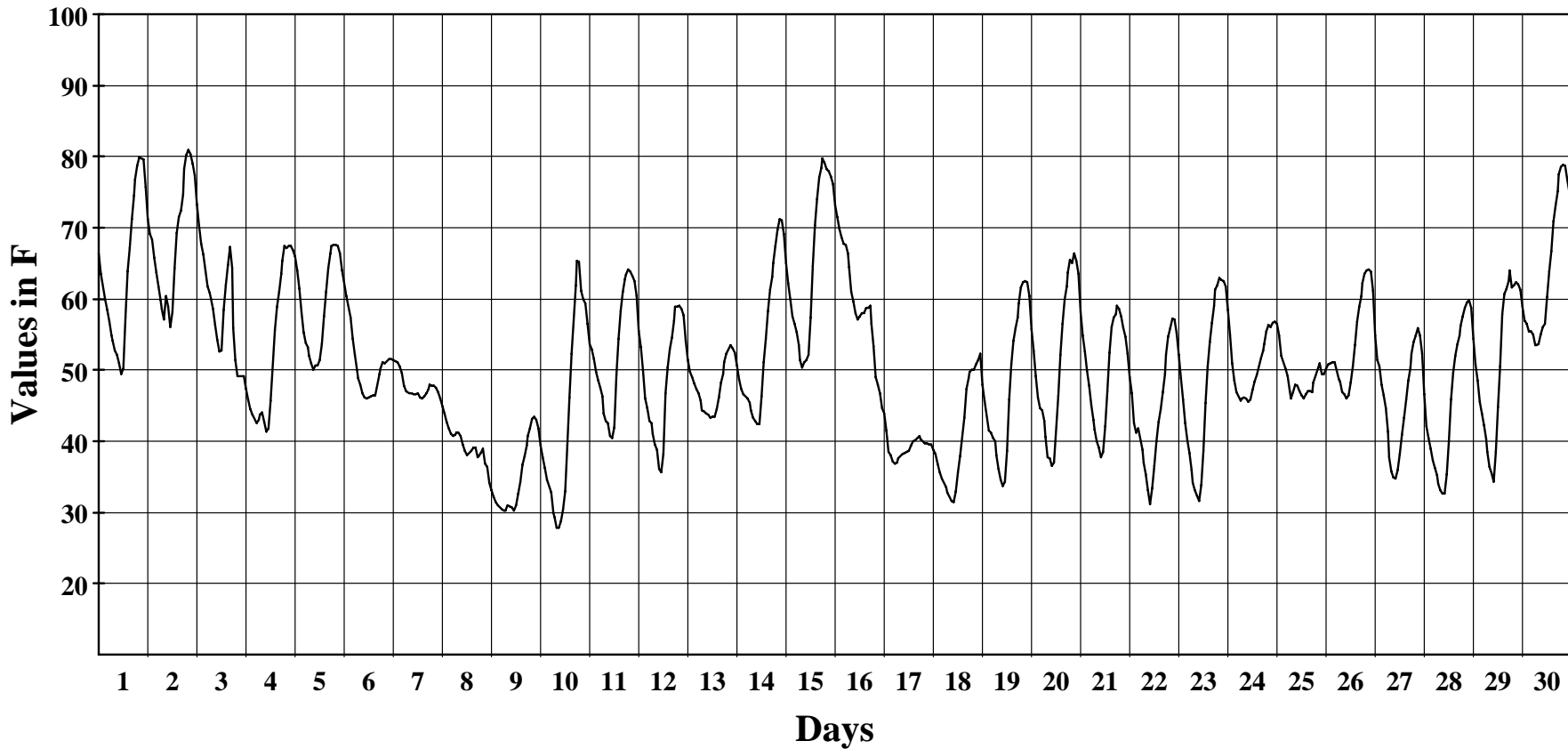
April 2010

Hourly Averages Graph Ch 9

SITE 1480

Beal City High School

Average Hourly Values



Average Value: 51.0

Site Information:

Project: MSU Anemometer Loan Program

Location: Beal City

Elevation: 900

Sensor on channel 1:

NRG #40 Anem, mph

Height: 100 Units: mph

Serial #:

April 2010**Hourly Averages Table Ch 1**

SITE 1480

Beal City High School

Day	Hour																								AVG
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
1	9.3	8.2	7.2	7.0	6.7	7.4	4.3	3.7	4.8	6.5	5.2	5.5	5.7	5.9	9.6	8.4	9.3	11.0	13.2	14.5	12.5	13.2	13.0	8.7	8.4
2	9.2	9.4	9.1	7.3	7.0	5.8	4.5	6.6	7.3	10.5	8.4	7.5	5.8	11.1	15.7	15.3	16.0	16.1	17.6	21.2	20.2	22.0	19.5	16.4	12.1
3	13.4	10.8	11.1	10.0	8.5	9.1	7.5	7.0	6.0	6.8	6.5	7.7	7.8	7.6	7.4	13.6	12.6	16.3	16.3	21.2	21.0	13.8	18.9	18.4	11.6
4	13.4	15.6	14.1	13.3	12.7	10.8	12.4	13.0	11.1	9.2	8.6	8.0	8.3	9.2	14.6	16.7	15.9	16.1	18.3	19.9	23.1	20.4	19.1	15.1	14.1
5	18.4	24.0	25.4	20.3	14.5	13.5	8.8	6.4	8.3	9.5	13.2	15.1	13.2	10.9	16.0	19.4	19.7	22.8	22.0	23.4	19.1	14.1	10.0	8.6	15.7
6	9.3	5.0	5.4	3.6	3.8	6.7	8.3	6.4	9.8	13.9	9.8	9.8	9.2	9.9	11.6	8.9	12.2	9.6	9.1	6.2	6.4	5.3	5.0	5.6	7.9
7	4.9	10.2	10.6	9.6	11.0	11.9	12.6	10.6	8.2	5.9	5.9	6.1	8.3	11.0	8.9	8.8	9.2	9.2	9.2	10.1	9.8	14.5	15.9	15.0	9.9
8	15.0	16.1	17.3	17.2	16.4	15.8	14.4	12.5	12.9	11.0	12.4	8.2	7.7	5.6	5.4	5.6	10.9	16.1	17.0	18.1	17.4	19.9	22.1	18.1	13.9
9	17.1	17.7	15.5	14.4	14.7	12.1	13.2	13.2	15.8	17.0	14.7	13.9	13.6	16.8	18.7	20.8	19.1	19.1	19.2	19.1	18.2	17.9	17.8	15.4	16.5
10	9.9	8.9	8.1	4.8	4.8	5.2	4.6	4.3	5.2	6.0	5.0	6.3	8.3	8.0	11.3	15.0	20.0	24.8	25.4	25.4	23.6	16.5	15.0	15.5	11.7
11	14.6	11.3	13.3	14.3	10.3	6.3	5.4	4.5	5.7	7.8	7.4	7.8	8.1	6.4	8.6	8.2	9.5	11.4	11.6	13.6	16.2	16.5	14.9	12.5	10.3
12	11.3	8.9	8.1	6.3	6.3	3.8	3.2	3.0	0.9	1.0	1.9	3.9	2.5	3.6	7.1	8.6	8.4	8.6	9.8	10.9	10.3	11.1	10.2	11.7	6.7
13	11.0	11.8	10.9	10.6	12.7	12.1	12.2	10.9	9.5	9.0	7.1	7.2	9.2	10.5	11.9	12.8	14.2	13.6	12.7	14.0	13.4	11.4	11.4	10.3	11.3
14	13.7	12.6	12.6	10.3	10.7	9.0	8.0	7.7	7.8	8.4	8.1	6.8	6.9	10.0	10.6	10.5	12.1	11.6	11.5	10.4	9.9	9.6	9.3	9.5	9.9
15	9.5	8.4	8.5	6.6	4.7	3.7	3.8	5.3	5.0	6.3	5.8	6.7	8.2	10.9	11.9	10.9	15.8	20.5	22.2	21.8	19.4	19.6	19.4	18.2	11.4
16	13.3	14.1	13.5	13.4	13.0	14.6	15.1	18.8	14.5	13.0	13.5	12.2	9.0	12.3	13.7	15.9	16.3	20.0	22.6	23.3	23.2	20.5	24.8	20.8	16.3
17	21.7	24.7	17.9	23.9	21.2	18.3	17.9	18.7	17.7	17.5	16.7	19.7	17.4	21.8	23.4	19.7	21.7	20.8	20.6	19.7	19.7	19.6	18.4	16.0	19.8
18	15.9	16.0	10.4	9.4	7.5	6.7	6.4	7.5	10.9	11.1	11.8	10.8	13.5	11.7	8.8	7.2	6.8	7.7	6.9	4.5	6.7	3.2	2.4	4.9	8.7
19	8.2	9.4	8.9	9.8	10.4	11.3	11.2	6.0	7.6	9.8	10.1	10.6	7.4	4.2	3.8	3.3	4.3	4.4	5.8	4.4	5.7	4.7	4.3	3.9	7.1
20	9.6	7.4	7.7	6.1	3.3	4.8	4.1	4.8	5.2	2.7	0.8	4.2	3.3	1.8	1.6	1.7	3.1	4.3	5.3	4.2	4.2	3.6	4.7	8.2	4.5
21	14.1	11.0	8.3	5.5	6.2	7.4	9.6	7.6	9.2	9.0	9.0	8.9	8.0	3.9	3.7	4.4	8.0	10.5	10.2	12.2	13.2	13.1	11.2	12.3	9.0
22	11.7	8.5	10.6	7.4	5.4	4.3	6.6	7.1	7.3	8.2	4.7	1.7	4.1	6.7	7.6	6.6	7.7	5.5	4.4	3.9	5.5	3.9	4.7	7.0	6.3
23	7.5	9.4	7.6	9.4	7.1	7.0	7.0	6.4	6.2	6.2	5.5	4.9	3.2	4.5	8.4	9.1	9.4	10.1	8.9	8.2	8.8	10.6	10.1	9.9	7.7
24	9.7	11.3	10.6	8.6	6.7	9.2	8.3	8.9	9.4	9.8	9.9	9.6	8.1	10.1	11.8	10.1	11.2	12.4	11.7	12.1	14.1	13.8	14.8	14.8	10.7
25	17.1	16.9	13.7	15.8	19.5	16.9	19.2	16.3	13.1	18.4	18.1	24.4	25.7	20.0	21.7	22.0	19.8	21.1	21.0	22.5	21.9	20.5	18.3	15.0	19.1
26	13.3	14.5	15.2	16.2	16.7	15.8	15.6	15.4	15.0	15.4	16.3	17.0	17.5	17.5	16.0	16.3	18.5	16.4	14.8	12.7	12.2	12.8	9.9	6.0	14.9
27	2.8	1.7	8.2	8.5	15.6	18.2	19.6	16.0	11.3	13.2	15.2	16.5	15.5	13.6	13.6	10.0	9.4	9.8	9.4	10.6	10.9	10.8	15.3	16.2	12.2
28	8.6	3.7	3.4	1.1	1.8	5.8	7.8	10.3	10.9	9.5	12.2	11.8	6.1	5.7	9.1	7.5	8.2	9.2	7.4	7.4	9.8	10.8	10.0	10.9	7.9
29	12.3	12.0	11.0	8.3	10.5	9.2	4.8	4.7	5.1	3.2	1.6	4.4	2.2	5.5	8.8	9.7	11.2	14.2	14.8	14.9	18.9	21.3	21.1	16.7	10.3
30	15.1	15.0	15.3	11.4	11.9	10.9	10.8	10.6	10.6	12.9	11.0	3.9	6.8	12.8	16.3	14.4	14.2	12.5	14.2	15.5	17.3	18.3	15.6	15.8	13.0
AVG	12.0	11.8	11.3	10.4	10.1	9.8	9.6	9.1	9.1	9.6	9.2	9.4	9.0	9.6	11.2	11.4	12.5	13.5	13.8	14.2	14.4	13.8	13.6	12.6	11.3

Site Information:

Project: MSU Anemometer Loan Program

Location: Beal City

Elevation: 900

Sensor on channel 2:

NRG #40 Anem, mph

Height: 75 Units: mph

Serial #:

April 2010**Hourly Averages Table Ch 2**

SITE 1480

Beal City High School

Day	Hour																								AVG
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
1	10.6	9.6	8.6	8.5	8.5	6.6	3.6	3.0	3.7	4.9	3.3	4.3	4.5	5.6	9.7	8.7	9.7	11.7	13.9	14.9	12.6	13.0	12.8	9.9	8.4
2	10.7	11.4	9.7	8.9	7.1	6.3	3.5	5.0	5.6	9.4	7.1	6.1	4.6	10.6	15.4	15.0	15.9	16.6	18.4	21.9	20.8	22.4	19.5	18.4	12.1
3	15.1	11.4	11.0	11.6	9.7	10.2	8.6	7.2	5.2	6.0	5.7	7.2	7.9	7.3	7.2	14.2	13.3	15.1	14.9	19.8	18.9	12.7	18.1	16.6	11.4
4	12.4	14.8	13.3	12.5	11.9	9.8	11.3	12.1	10.2	8.2	7.5	7.2	8.1	9.5	15.1	18.1	17.8	17.9	20.6	21.2	23.4	20.5	20.6	15.9	14.2
5	18.6	23.6	24.7	19.6	13.7	12.9	8.4	5.3	6.8	7.8	11.4	13.4	11.8	10.0	15.5	18.9	19.2	22.1	21.1	22.9	18.5	13.6	9.6	7.8	14.9
6	8.2	4.7	5.0	3.5	3.6	5.7	7.3	5.7	8.6	13.2	9.3	9.3	8.5	9.3	10.8	8.2	12.0	9.3	8.7	5.5	6.0	4.4	3.8	4.5	7.3
7	4.0	9.3	9.8	8.8	10.5	11.2	11.5	9.8	7.4	5.3	5.2	5.5	7.6	10.2	8.3	8.2	8.8	8.7	8.8	9.7	9.4	14.0	15.4	14.4	9.2
8	14.2	15.2	16.4	16.4	15.5	14.8	13.6	11.7	12.3	10.4	11.8	7.8	7.4	5.5	5.1	4.8	10.4	15.3	16.3	17.2	16.6	19.4	21.0	17.0	13.2
9	16.1	16.7	14.8	13.6	13.8	11.1	12.4	12.3	15.1	16.1	13.9	13.0	12.7	16.2	18.0	19.8	18.3	18.1	18.4	18.0	17.1	16.7	16.6	14.0	15.5
10	8.6	7.2	6.3	2.4	1.7	2.4	1.5	1.4	3.8	3.7	2.3	3.8	6.6	8.4	13.0	15.5	19.9	24.4	24.4	24.1	22.8	16.1	14.6	14.5	10.4
11	14.0	10.4	12.6	12.9	9.0	5.6	4.9	4.6	6.8	7.1	6.2	6.4	7.1	6.0	8.7	8.1	9.3	10.9	11.3	13.2	15.8	15.8	14.1	11.3	9.7
12	9.4	8.0	7.2	5.5	5.3	2.7	2.4	2.5	0.8	0.8	1.3	2.6	0.8	3.4	7.0	8.5	8.3	8.5	9.8	10.8	10.3	10.9	9.8	11.0	6.2
13	10.5	11.3	10.6	9.9	12.1	11.5	11.7	10.3	9.1	8.5	6.5	6.5	9.0	10.3	11.8	12.6	14.1	13.5	12.6	13.9	13.1	11.1	11.0	9.8	10.9
14	13.0	11.9	12.1	9.6	10.0	8.1	7.1	6.7	6.5	7.2	7.0	5.4	6.3	9.8	10.7	10.8	12.9	12.5	11.9	11.0	10.7	11.2	11.2	10.7	9.8
15	8.8	7.7	7.6	6.5	7.0	4.3	3.9	4.6	4.7	5.0	4.9	5.8	7.8	10.9	11.8	10.5	14.8	18.9	20.8	20.2	18.1	18.6	18.5	17.3	10.8
16	12.3	13.1	12.3	11.9	11.5	12.9	13.4	17.6	13.3	11.5	12.6	11.5	8.4	11.8	13.1	15.4	15.8	19.6	22.0	22.2	22.2	19.6	23.6	19.7	15.3
17	20.5	23.5	16.9	22.6	20.1	17.3	16.9	17.7	16.7	16.5	15.7	18.4	16.5	20.5	22.2	18.9	20.6	19.8	19.9	18.8	18.8	18.8	17.9	15.5	18.8
18	15.4	15.5	9.7	8.7	6.7	6.2	5.9	6.9	9.6	9.7	10.6	10.3	13.4	11.2	8.9	7.4	7.1	8.1	7.2	5.4	7.3	4.2	3.1	5.5	8.5
19	7.2	8.1	7.7	8.8	9.3	9.2	9.9	5.5	6.9	8.6	8.9	9.4	6.9	4.3	3.9	3.2	4.3	4.2	5.6	4.2	5.6	4.5	4.1	3.5	6.4
20	8.8	6.5	6.9	5.1	2.8	4.7	4.1	4.0	3.4	0.9	0.8	5.1	2.2	1.5	1.5	1.5	3.0	4.2	5.0	3.9	3.8	3.1	4.3	7.4	3.9
21	13.5	10.1	7.1	4.4	5.1	6.2	8.2	6.5	8.0	7.5	7.4	7.8	7.1	3.5	3.1	4.0	7.7	10.0	9.9	12.0	12.8	12.8	10.7	11.8	8.2
22	10.6	8.1	10.0	7.0	5.5	3.8	5.8	6.2	6.0	6.3	4.0	1.4	4.8	6.6	7.5	6.3	7.5	5.3	4.3	3.7	5.4	3.8	4.3	6.7	5.9
23	6.7	8.5	6.7	8.6	6.2	6.0	6.0	5.4	5.1	5.2	4.6	4.2	4.0	4.7	8.5	9.2	9.6	10.2	8.8	8.1	8.8	10.4	9.8	9.5	7.3
24	8.6	10.3	9.7	7.7	5.6	8.1	7.2	7.8	8.3	8.8	9.1	8.9	7.5	9.2	11.0	9.7	10.7	11.9	11.1	11.6	13.6	13.2	14.4	14.2	9.9
25	16.6	16.5	13.0	14.7	18.7	15.9	18.1	15.4	12.6	17.7	17.3	23.3	24.7	19.3	20.9	21.1	19.0	20.3	20.3	21.6	21.1	19.7	17.7	14.3	18.3
26	12.5	13.8	14.2	15.3	15.9	15.0	14.4	14.3	13.9	14.4	15.3	16.0	16.8	17.2	15.8	16.2	18.0	16.3	14.6	12.4	12.1	12.8	10.2	6.9	14.3
27	3.4	2.3	8.0	7.6	14.5	17.2	18.8	15.1	10.9	12.8	14.7	15.9	15.3	13.7	13.7	10.2	9.6	9.8	9.3	10.4	11.0	10.7	14.9	15.6	11.9
28	8.5	4.5	4.1	2.0	3.0	6.3	7.1	9.3	10.1	8.8	10.6	10.1	6.2	5.8	9.0	7.4	8.0	9.0	7.3	7.2	9.4	10.5	9.8	10.1	7.7
29	11.8	11.2	9.9	7.3	9.2	7.8	3.3	3.6	4.6	3.0	1.1	2.8	2.3	5.6	9.9	11.3	13.3	15.0	15.7	15.0	18.8	21.2	20.9	16.2	10.0
30	14.1	13.9	14.5	10.7	11.3	10.2	10.9	11.7	11.0	12.6	10.8	4.7	8.1	12.9	16.2	14.0	14.4	13.1	15.1	17.1	18.3	19.1	15.8	15.7	13.2
AVG	11.5	11.3	10.7	9.8	9.5	9.0	8.7	8.3	8.2	8.6	8.2	8.5	8.5	9.4	11.1	11.3	12.4	13.3	13.6	13.9	14.1	13.5	13.3	12.2	10.8

