

Site Information:

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

Sensor on channel 1:

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

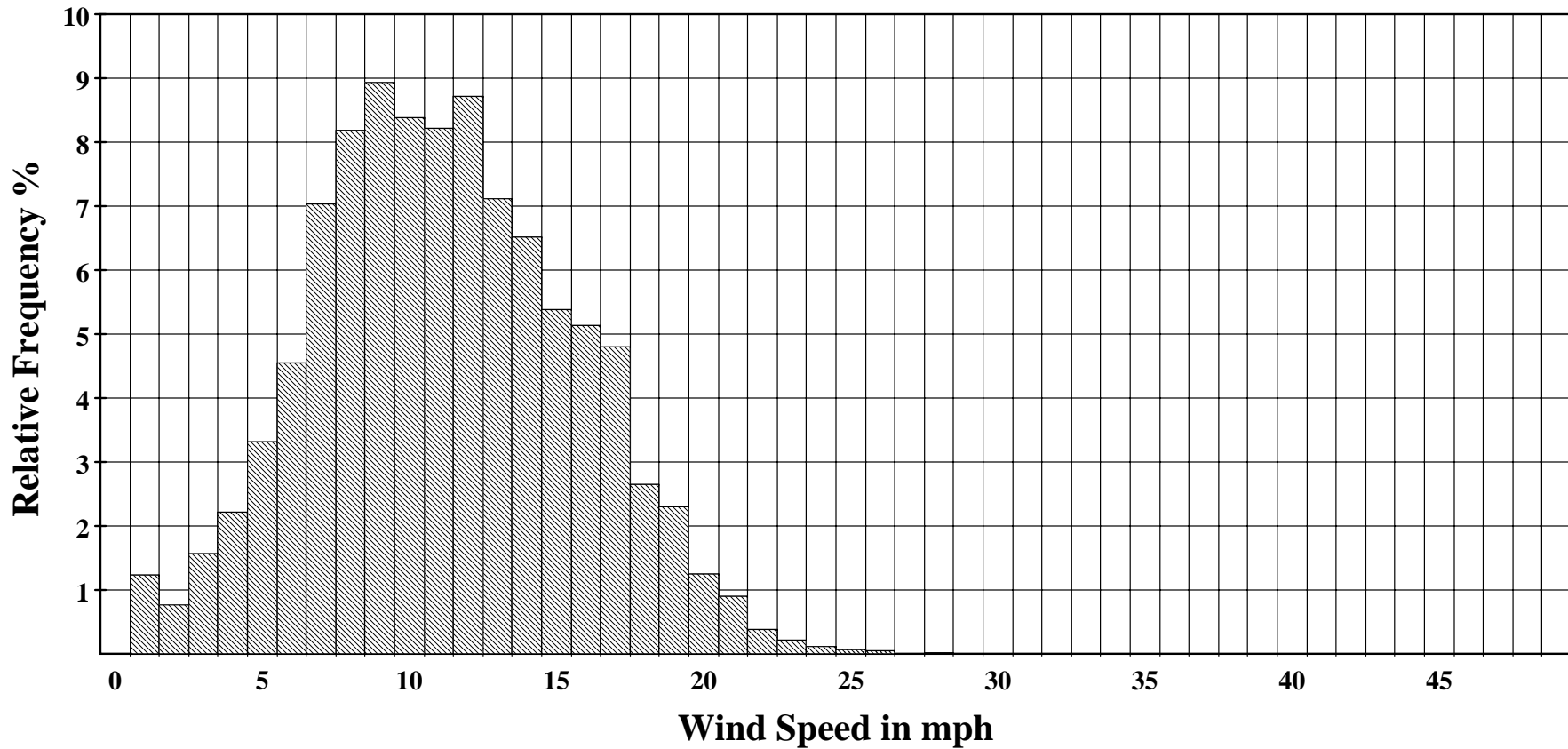
January 2010

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 #:

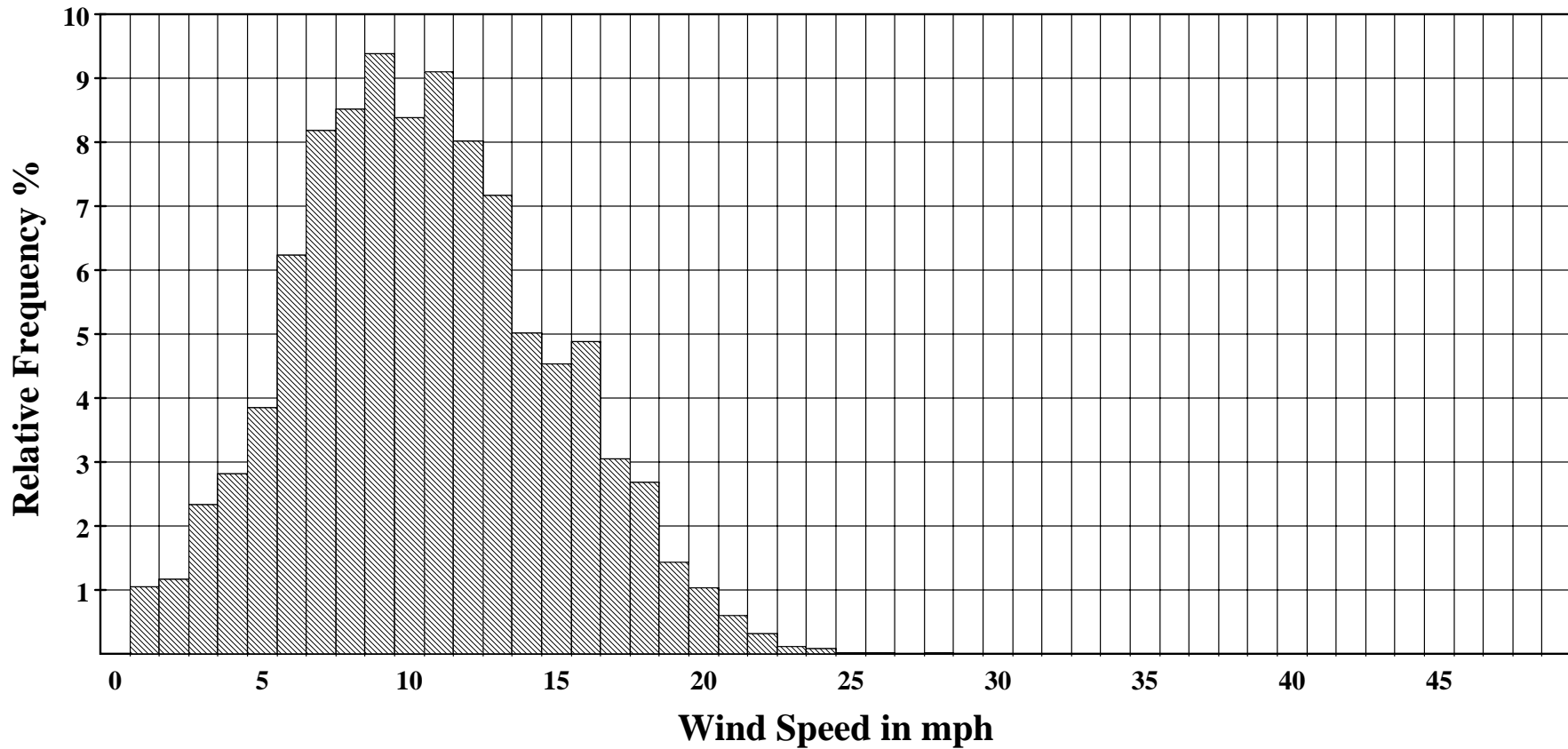
January 2010

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 #:

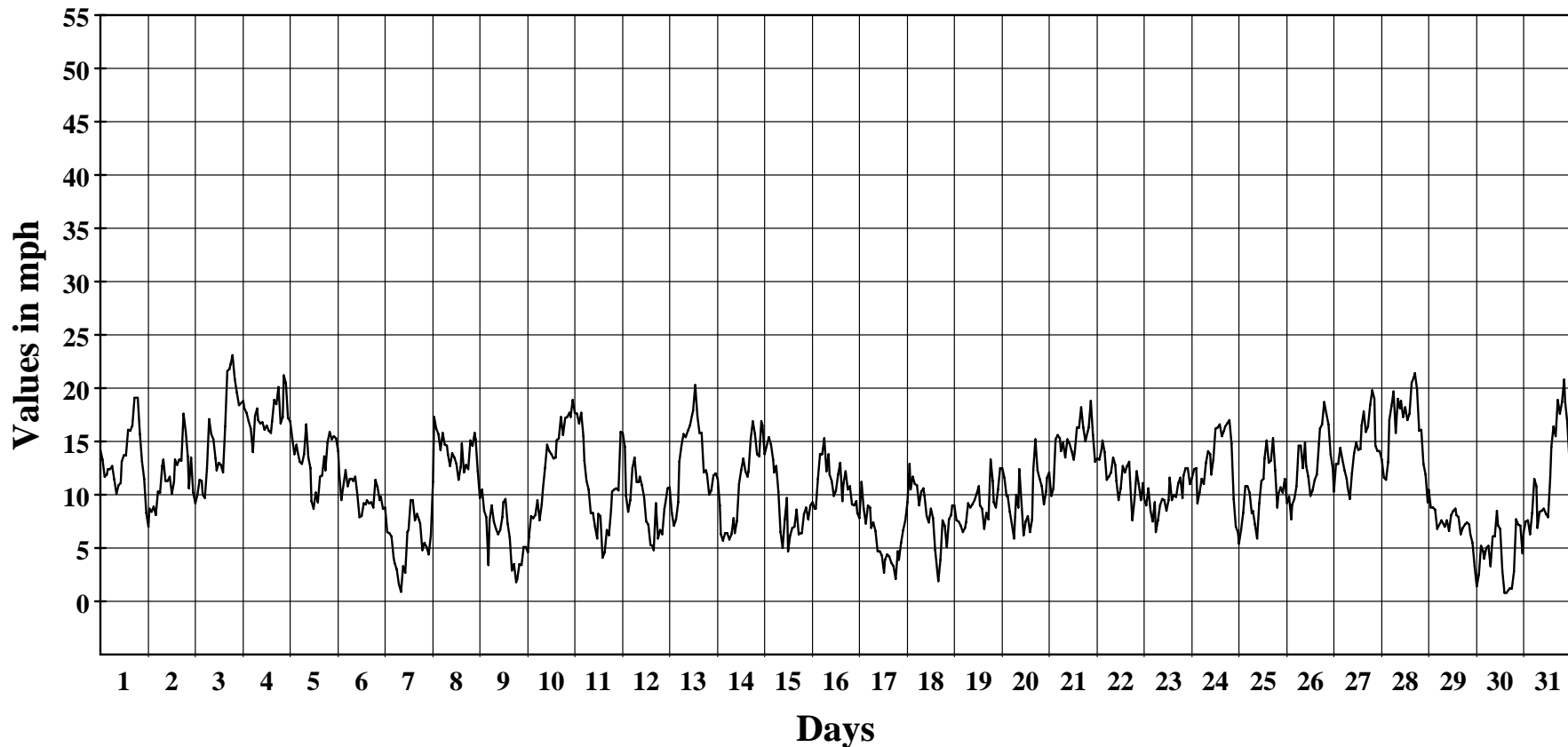
January 2010

Hourly Averages Graph Ch 1

SITE 1480

Beal City High School

Average Hourly Values



Average Value: 11.1

Site Information:

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

Sensor on channel 2:

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

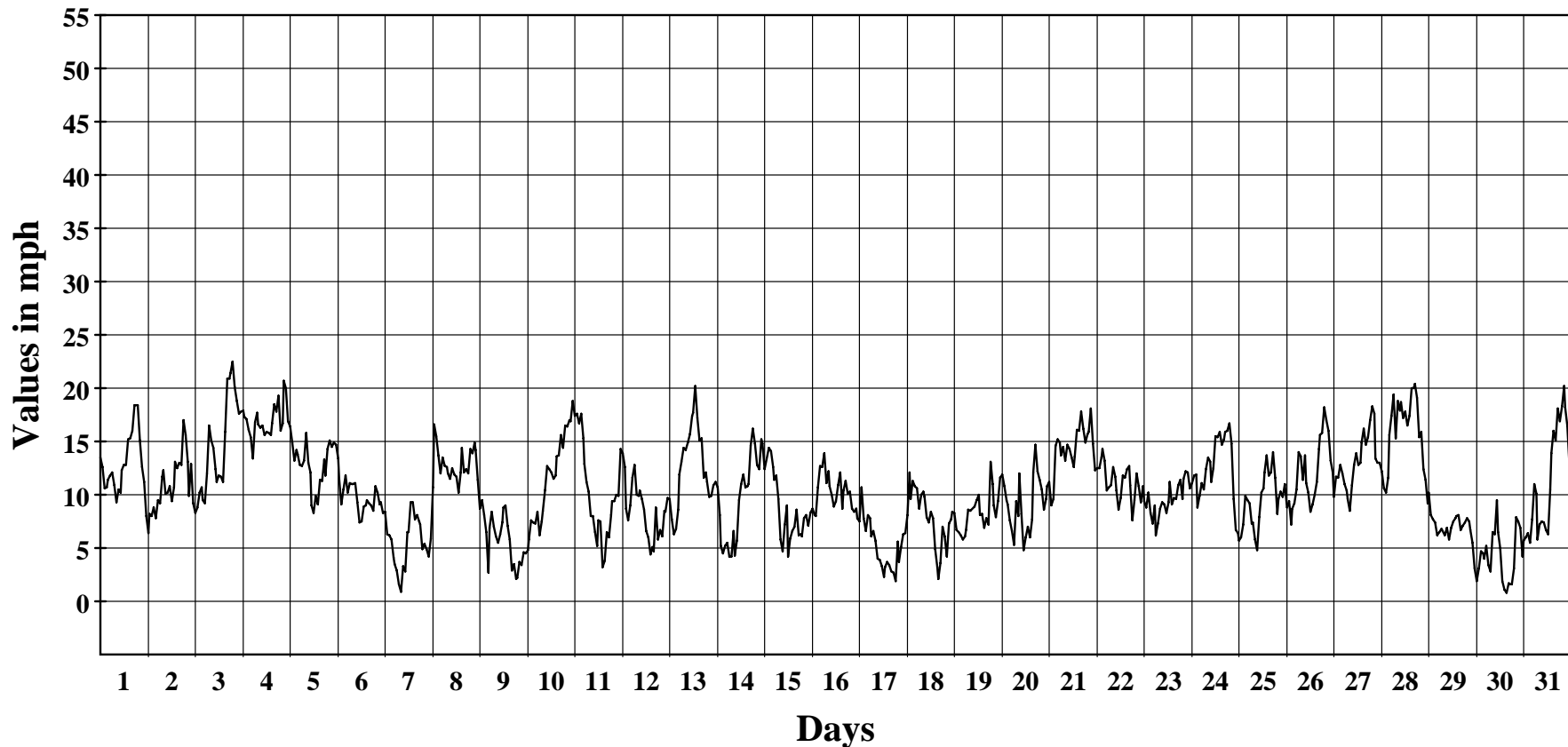
January 2010

Hourly Averages Graph Ch 2

SITE 1480

Beal City High School

Average Hourly Values



Average Value: 10.5

Site Information:

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

Sensor on channel 9:

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

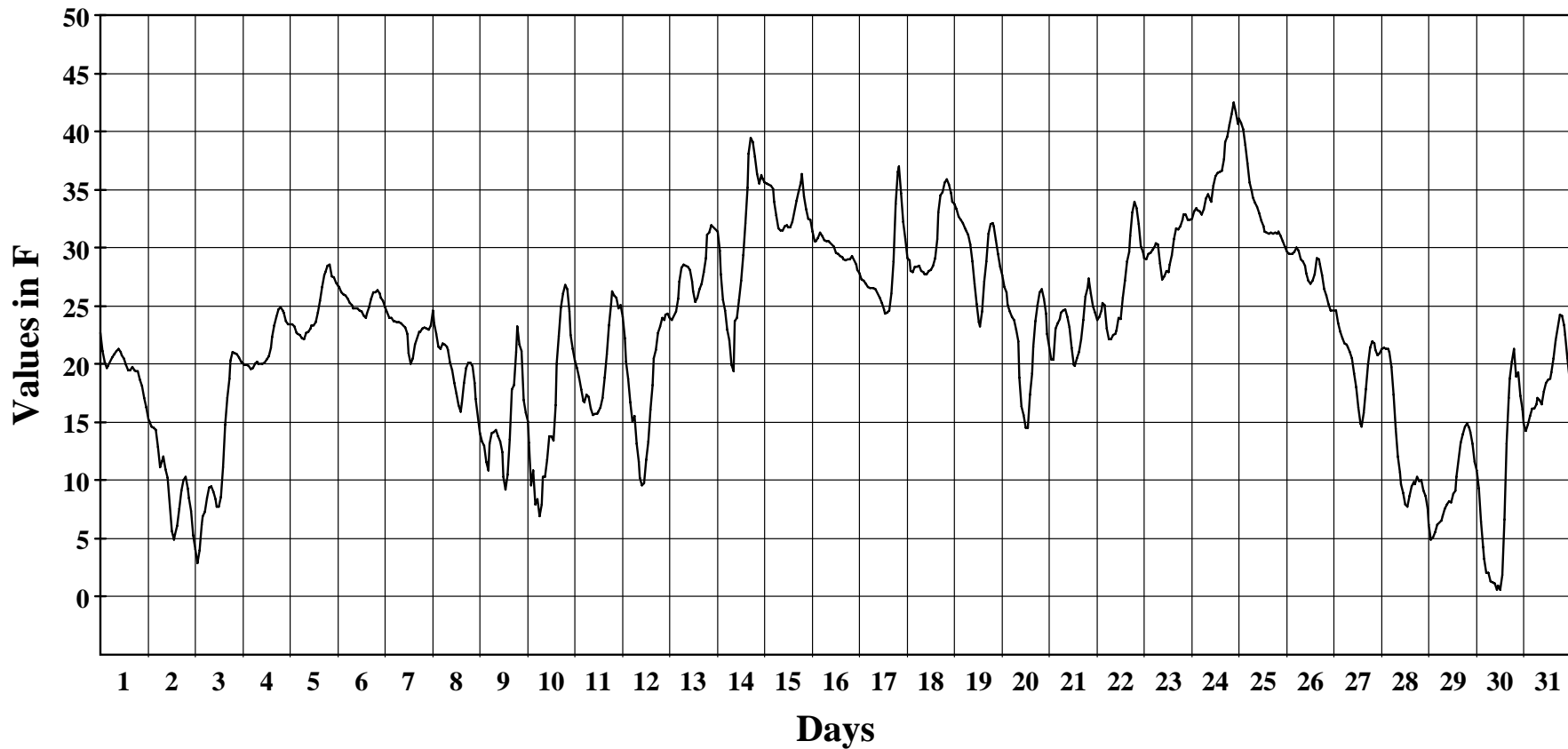
January 2010

Hourly Averages Graph Ch 9

SITE 1480

Beal City High School

Average Hourly Values



Average Value: 22.7

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 #:

January 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	14.2	13.3	11.7	11.9	12.4	12.4	12.7	11.4	10.1	10.9	11.1	13.1	13.7	13.7	16.1	16.0	16.5	19.1	19.1	19.1	15.7	13.1	11.5	8.3	13.6
2	7.0	8.7	8.4	8.9	8.1	10.3	10.2	12.7	13.3	11.3	11.3	11.7	10.1	11.2	13.3	12.8	13.3	13.2	17.6	16.0	13.6	10.6	13.5	10.2	11.6
3	9.2	10.0	11.4	11.3	10.0	9.7	12.5	17.1	15.7	15.2	13.4	12.3	13.0	12.8	12.1	16.4	21.6	21.8	22.2	23.1	20.9	19.6	18.4	18.6	15.4
4	18.8	18.1	17.7	16.9	16.2	14.0	17.4	18.1	17.0	16.7	16.8	16.1	16.5	16.0	15.8	16.9	18.9	18.5	20.1	16.7	17.3	21.3	20.5	17.3	17.5
5	16.9	15.3	13.8	14.7	14.0	13.1	12.9	13.8	16.6	13.5	12.5	9.4	8.7	10.2	9.3	11.7	11.8	13.6	12.3	14.9	15.9	15.2	15.5	15.3	13.4
6	14.1	12.1	9.5	10.9	12.3	10.8	11.5	11.5	11.3	11.7	10.0	7.9	8.0	9.2	9.1	9.5	9.2	9.3	8.8	11.4	10.7	9.5	9.8	8.7	10.3
7	8.8	6.5	6.4	6.1	4.1	3.6	3.0	1.6	0.9	3.3	2.7	6.5	6.7	9.5	9.5	7.6	8.2	7.6	7.3	4.8	5.5	5.1	4.4	6.2	5.7
8	11.2	17.3	16.2	15.7	14.2	15.8	14.7	14.6	13.8	12.7	13.9	13.5	12.9	11.4	12.6	14.8	12.1	12.8	12.4	15.1	14.6	15.8	15.2	12.3	14.0
9	9.7	10.5	8.5	7.9	3.4	7.6	9.0	7.5	6.8	6.3	6.7	7.9	9.3	9.6	7.3	6.0	2.9	3.5	1.8	2.1	3.5	3.4	5.1	5.1	6.3
10	4.6	6.0	8.0	7.8	8.1	9.5	7.6	9.1	10.5	12.5	14.7	14.1	13.8	13.4	13.5	15.1	15.3	17.3	15.6	17.2	17.3	17.7	17.3	18.9	12.7
11	17.7	17.6	16.7	17.7	15.5	13.2	11.3	10.5	8.3	8.3	7.0	5.9	8.2	8.0	4.1	4.6	6.7	6.3	8.6	10.3	10.5	10.6	10.4	15.9	10.6
12	15.8	14.5	9.9	8.4	9.5	12.5	13.5	11.2	11.3	11.7	10.9	9.8	7.5	7.2	5.3	5.2	4.8	9.2	5.9	6.7	6.3	8.7	9.2	10.6	9.4
13	10.7	8.3	7.1	7.7	9.3	13.1	14.6	15.7	15.4	16.0	16.5	17.5	17.9	20.3	17.4	15.8	15.8	12.1	12.3	11.9	10.0	10.4	11.8	12.0	13.3
14	11.5	9.0	6.3	5.7	6.4	6.4	5.8	6.3	7.8	6.4	7.5	11.0	12.3	13.4	12.2	11.7	12.2	15.2	16.9	15.7	13.8	13.6	16.9	16.5	10.9
15	13.8	14.6	15.4	14.7	13.3	12.1	12.7	10.3	6.5	5.0	7.7	9.7	4.7	6.2	6.9	7.0	8.6	6.3	6.4	6.4	8.2	8.8	7.7	9.0	9.3
16	9.3	8.7	8.7	11.5	13.8	13.8	15.3	12.3	13.8	11.9	11.3	9.9	10.4	11.9	13.0	9.4	11.1	12.2	10.5	10.8	9.1	9.0	9.4	8.3	11.1
17	7.8	11.2	8.7	7.3	9.0	8.8	6.9	7.4	6.6	4.7	4.7	4.3	2.7	3.9	4.4	4.2	3.6	3.3	2.1	4.7	3.9	5.5	6.7	7.6	5.8
18	9.3	12.9	10.5	11.7	11.0	10.9	9.0	10.3	10.6	9.9	8.0	7.4	8.7	7.8	4.8	2.8	1.9	3.9	7.6	7.1	5.1	7.7	8.1	9.0	8.2
19	9.0	7.6	7.5	7.1	6.5	6.9	7.4	9.2	8.8	9.1	9.5	10.1	10.8	9.0	8.7	6.8	8.3	7.7	13.3	11.3	9.3	8.8	10.5	12.5	9.0
20	12.5	11.6	9.9	9.9	8.4	7.2	5.9	10.0	8.8	12.4	9.3	6.2	7.5	8.0	6.5	7.7	12.3	15.2	12.3	11.5	10.8	9.1	10.3	11.6	9.8
21	12.1	9.9	10.6	15.2	15.6	15.3	14.1	14.9	13.5	15.2	14.8	14.1	13.3	14.0	16.3	16.3	18.2	16.3	15.0	15.9	16.3	18.8	15.6	13.1	14.8
22	13.4	13.3	14.2	15.1	14.0	11.4	11.7	12.1	13.5	12.8	11.3	9.5	10.6	12.7	12.1	12.7	13.1	11.1	7.6	9.5	12.2	11.0	9.5	11.1	11.9
23	9.6	9.0	10.6	8.5	7.5	9.3	6.5	7.6	9.0	9.6	9.5	8.5	9.5	11.6	9.5	10.0	9.8	11.1	11.6	9.7	11.8	12.5	12.5	11.0	9.8
24	11.6	12.4	12.5	9.2	10.2	11.5	11.0	13.0	14.1	13.8	11.9	13.3	16.2	16.3	16.6	15.5	16.0	16.4	16.7	17.0	14.8	9.6	7.0	6.5	13.0
25	5.4	6.7	8.3	10.8	10.8	10.2	8.3	8.5	7.2	5.9	9.2	11.3	11.5	13.4	15.1	13.0	13.2	15.3	12.3	8.8	10.1	10.7	10.2	11.5	10.3
26	9.2	9.8	7.7	9.1	9.6	10.8	14.6	14.6	12.5	14.9	12.7	11.7	9.9	10.4	11.4	11.9	14.8	16.2	16.6	18.7	17.6	16.6	13.8	12.5	12.8
27	10.3	12.9	12.9	14.4	13.3	12.3	11.5	10.7	9.6	12.0	13.9	14.9	14.2	14.3	16.5	17.8	15.9	16.4	18.4	19.8	19.0	14.6	14.1	14.1	14.3
28	13.3	11.6	11.4	13.1	17.0	18.3	19.7	15.8	19.0	18.1	18.8	17.3	18.2	17.0	17.6	20.5	21.0	21.4	19.9	16.0	16.1	12.9	11.9	9.3	16.5
29	10.5	8.8	8.8	8.6	6.8	7.2	7.6	7.4	7.0	7.6	6.6	8.1	8.5	8.7	8.1	7.9	6.3	6.9	7.2	7.4	7.2	6.3	5.5	3.3	7.4
30	1.4	2.5	5.2	4.7	4.0	5.0	5.2	3.3	6.1	6.1	8.5	7.1	6.8	2.9	0.8	0.8	1.1	1.2	1.2	2.8	7.7	7.2	7.1	4.5	4.3
31	6.5	7.5	7.6	6.3	8.3	11.5	10.8	6.9	8.4	8.5	8.7	8.2	7.9	11.6	14.5	16.4	15.5	18.9	17.6	18.7	20.8	18.7	16.8	13.2	12.1
AVG	10.8	10.9	10.4	10.6	10.4	10.8	10.8	10.8	10.8	10.8	10.7	10.6	10.7	11.1	11.0	11.1	11.6	12.2	12.2	12.3	12.1	11.7	11.5	11.1	11.1

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 #:

January 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	13.5	12.6	10.6	10.7	11.4	11.8	12.1	10.9	9.3	10.5	10.2	12.3	12.8	12.8	15.2	15.3	16.0	18.4	18.4	18.4	15.1	12.6	11.2	8.0	12.9
2	6.4	8.2	8.0	8.8	7.8	9.5	9.2	11.7	12.3	10.1	10.2	10.8	9.4	10.7	13.1	12.5	13.0	12.8	17.0	15.6	13.1	9.9	12.9	9.2	10.9
3	8.3	8.8	10.2	10.7	9.5	9.2	12.0	16.5	15.1	14.4	12.4	11.3	11.8	11.7	11.2	15.9	20.9	20.9	21.4	22.5	20.1	18.8	17.6	17.8	14.5
4	17.9	17.3	17.1	16.1	15.4	13.4	16.8	17.7	16.6	16.3	16.5	15.6	15.9	15.8	15.6	16.7	18.5	17.8	19.3	16.0	16.7	20.7	20.0	16.9	16.9
5	16.4	14.9	13.3	14.2	13.8	12.8	12.7	13.2	15.8	13.0	12.1	9.0	8.3	9.9	9.1	11.4	11.3	13.3	11.8	14.3	15.1	14.5	14.9	14.7	12.9
6	13.4	11.5	9.1	10.5	11.8	10.2	11.1	11.0	11.0	11.1	9.3	7.4	7.5	8.9	9.0	9.5	9.3	9.0	8.5	10.8	10.2	9.1	9.3	8.3	9.9
7	8.4	6.3	6.2	5.8	4.1	3.5	2.9	1.6	0.9	3.3	2.8	6.5	6.5	9.3	9.3	7.7	8.1	7.5	7.2	4.9	5.4	4.9	4.2	5.9	5.5
8	10.7	16.6	15.5	13.7	12.0	13.5	12.7	12.6	12.0	11.5	12.5	11.9	11.7	10.2	12.1	14.4	12.1	12.4	12.0	14.3	13.9	14.9	14.2	11.4	12.9
9	8.7	9.5	8.1	6.5	2.7	6.9	8.4	7.0	6.1	5.5	6.3	7.4	8.8	9.0	7.1	5.8	2.9	3.5	2.1	2.2	3.7	3.4	4.6	4.5	5.9
10	4.8	5.8	7.6	7.4	7.3	8.4	6.2	7.5	8.5	10.4	12.7	12.4	12.1	11.5	11.8	13.6	13.7	15.6	14.4	16.5	16.4	17.0	16.9	18.8	11.6
11	17.4	17.6	16.7	17.6	15.3	12.9	11.2	10.3	8.0	8.0	6.5	5.2	7.6	7.5	3.3	3.8	6.5	6.0	8.1	9.4	9.4	10.0	9.9	14.3	10.1
12	13.9	12.6	8.7	7.6	9.0	11.6	12.8	10.0	9.9	10.4	9.6	8.6	6.6	6.0	4.4	5.1	4.7	8.8	5.8	6.7	6.1	8.5	8.4	9.7	8.6
13	9.6	7.7	6.3	6.8	8.6	11.9	13.1	14.4	14.2	14.9	15.7	17.4	17.7	20.2	17.2	15.1	15.3	11.6	12.1	11.2	9.8	9.9	10.9	11.2	12.6
14	10.7	8.1	5.2	4.5	5.2	5.5	4.2	4.2	6.6	4.3	5.7	9.5	11.0	11.9	10.7	10.8	11.0	14.6	16.2	14.8	12.8	12.4	15.3	14.8	9.6
15	12.4	13.4	14.4	14.1	12.6	11.4	11.8	9.6	5.8	4.7	7.2	9.0	4.2	5.9	6.6	7.0	8.6	6.2	6.3	6.1	7.8	8.1	7.1	8.3	8.7
16	8.7	8.1	8.0	10.7	12.7	12.6	13.9	11.1	12.2	10.8	10.0	8.9	9.4	10.9	12.1	8.7	10.4	11.3	10.1	10.3	8.7	8.4	8.7	7.8	10.2
17	7.5	10.7	7.8	6.6	8.1	7.8	6.1	6.6	5.7	4.0	3.9	3.3	2.3	3.2	3.7	3.4	2.8	2.7	1.9	5.6	3.7	5.1	6.3	6.4	5.2
18	8.1	12.1	9.6	11.3	10.8	10.6	8.7	10.0	10.3	9.8	7.9	7.4	8.4	7.8	4.9	3.2	2.1	3.6	7.0	6.1	4.2	7.3	7.7	8.4	7.8
19	8.3	6.7	6.5	6.2	5.8	6.1	6.7	8.6	8.5	8.7	8.9	9.5	10.0	8.1	8.2	6.9	7.8	7.2	13.1	11.0	9.0	7.9	9.4	11.6	8.4
20	11.9	10.8	9.5	9.1	7.6	6.6	5.3	9.4	8.0	12.0	8.2	4.8	6.0	7.0	6.0	7.7	12.1	14.7	12.2	11.4	10.5	8.6	9.6	10.8	9.2
21	11.3	9.0	9.6	14.6	15.2	14.9	13.7	14.5	13.2	14.7	14.3	13.5	12.6	13.6	16.1	16.0	17.8	16.2	14.9	15.7	15.9	18.1	14.8	12.3	14.3
22	12.5	12.5	13.5	14.3	13.2	10.4	10.7	10.9	12.6	11.7	10.4	8.6	9.7	11.8	11.6	12.4	12.7	10.9	7.6	9.5	12.0	10.8	9.3	10.8	11.3
23	9.4	8.8	10.2	8.3	7.3	9.0	6.2	7.3	8.7	9.3	9.1	8.3	9.3	11.2	9.1	9.7	9.6	10.9	11.4	9.6	11.5	12.2	12.1	10.6	9.5
24	11.1	11.8	11.9	8.8	9.9	11.1	10.5	12.4	13.5	13.1	11.2	12.5	15.5	15.4	15.9	14.7	15.2	15.9	16.0	16.7	14.8	9.6	6.7	6.4	12.5
25	5.7	6.0	7.2	9.9	9.5	9.2	7.3	7.4	5.8	4.8	7.9	10.2	10.6	12.1	13.7	11.8	12.1	14.0	11.6	8.2	9.6	10.3	9.8	11.0	9.4
26	8.8	9.4	7.2	8.7	9.2	10.5	14.0	13.6	11.4	13.7	11.1	10.2	8.4	9.1	10.0	11.2	14.3	15.6	15.8	18.2	17.0	16.0	13.2	12.1	12.0
27	9.8	11.7	11.6	12.8	12.0	11.0	10.4	9.6	8.5	10.9	12.8	13.9	12.8	13.0	14.9	16.2	14.7	15.4	17.0	18.3	17.6	13.4	13.0	13.0	13.1
28	12.2	10.6	10.2	11.6	15.6	17.4	19.4	15.3	18.8	17.9	18.7	17.2	17.8	16.5	17.4	20.0	20.0	20.4	19.1	15.4	15.9	12.4	11.4	9.2	15.9
29	10.2	8.1	7.7	7.4	6.2	6.5	6.8	6.6	6.2	6.9	5.8	6.9	7.5	7.8	8.0	8.1	6.7	7.1	7.4	7.8	7.5	6.7	5.5	3.1	7.0
30	1.9	3.1	4.7	4.5	4.0	5.3	3.4	2.8	6.5	6.3	9.5	6.5	5.0	1.9	1.1	0.8	1.7	1.6	1.6	3.1	7.9	7.5	6.9	4.2	4.2
31	5.7	6.0	6.4	5.5	7.7	11.0	10.1	5.8	7.2	7.5	7.4	6.7	6.3	10.5	13.9	16.0	15.1	18.1	16.9	18.3	20.2	18.2	16.5	12.8	11.2
AVG	10.2	10.2	9.6	9.9	9.7	10.1	10.0	10.0	10.0	10.0	9.9	9.8	9.8	10.4	10.4	10.7	11.2	11.7	11.8	11.9	11.7	11.2	10.9	10.5	10.5

