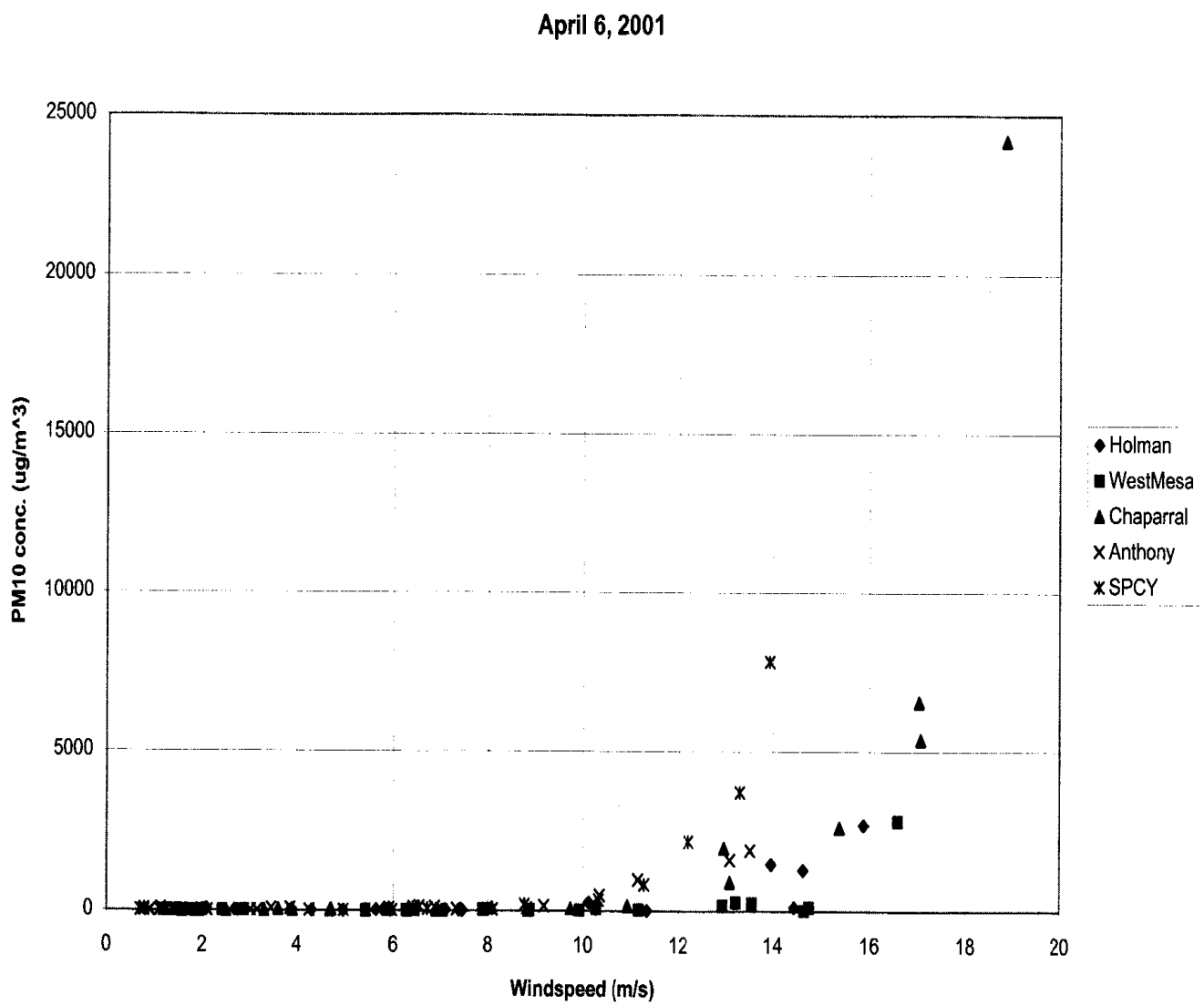
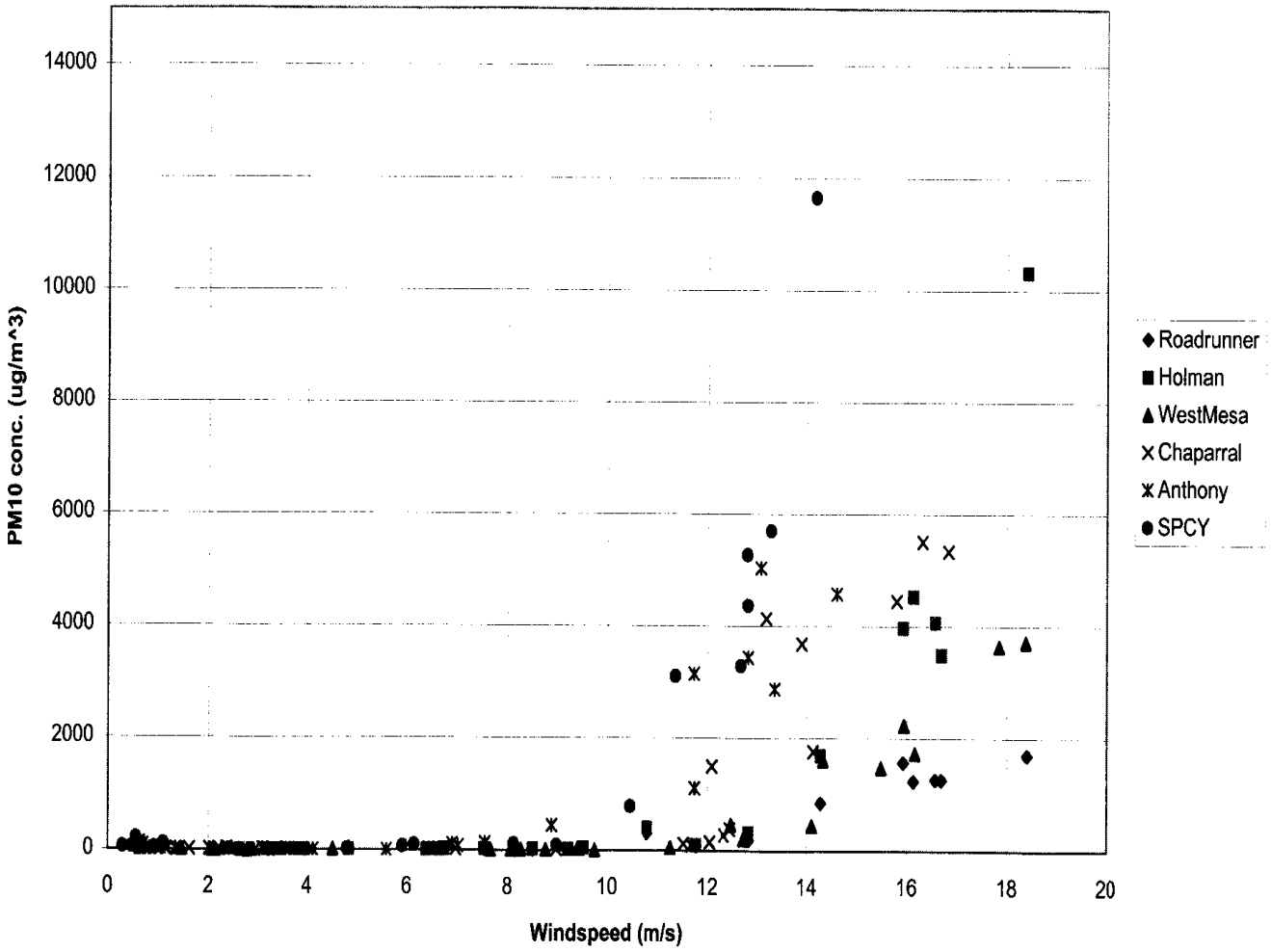
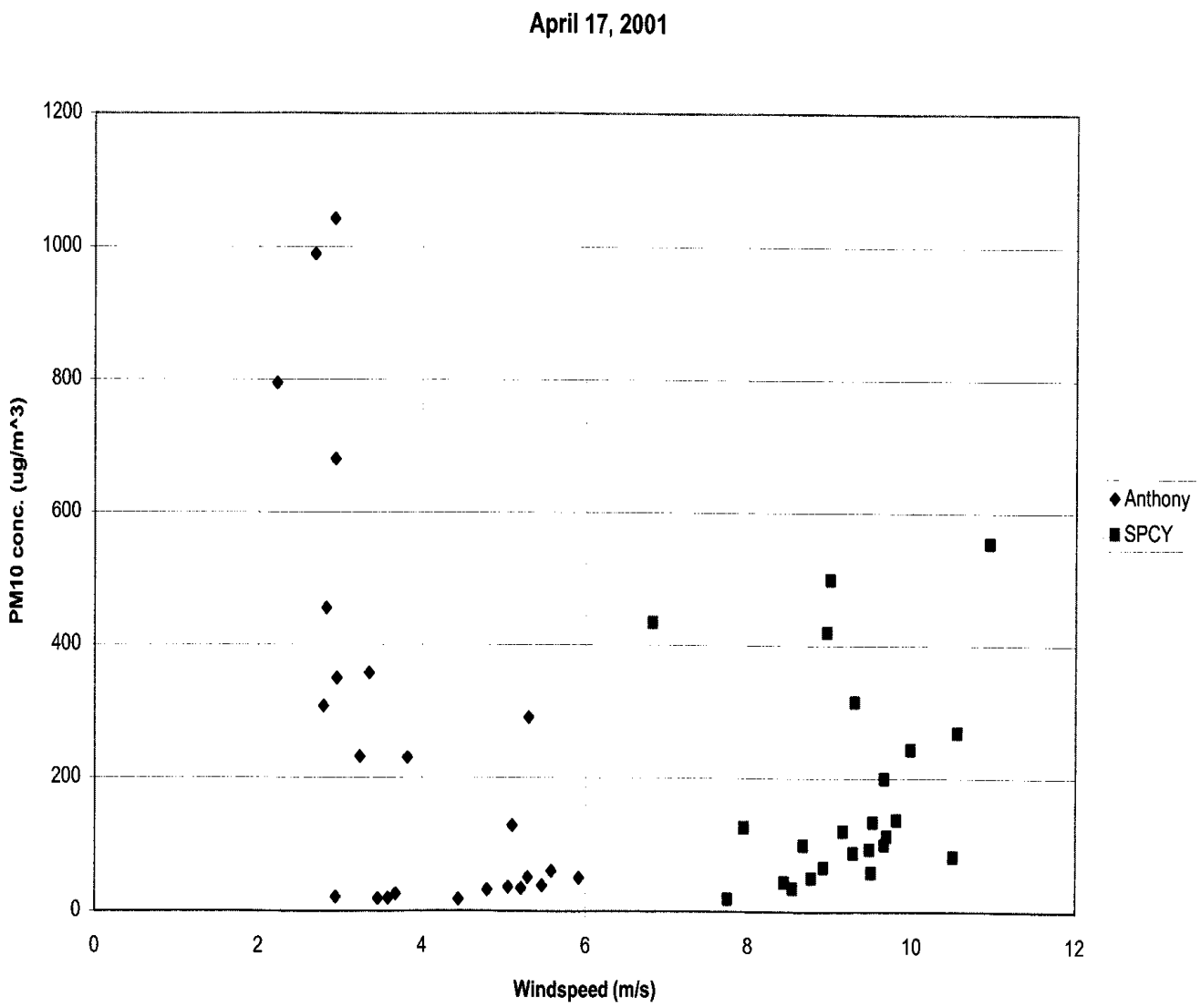
APPENDIX 3

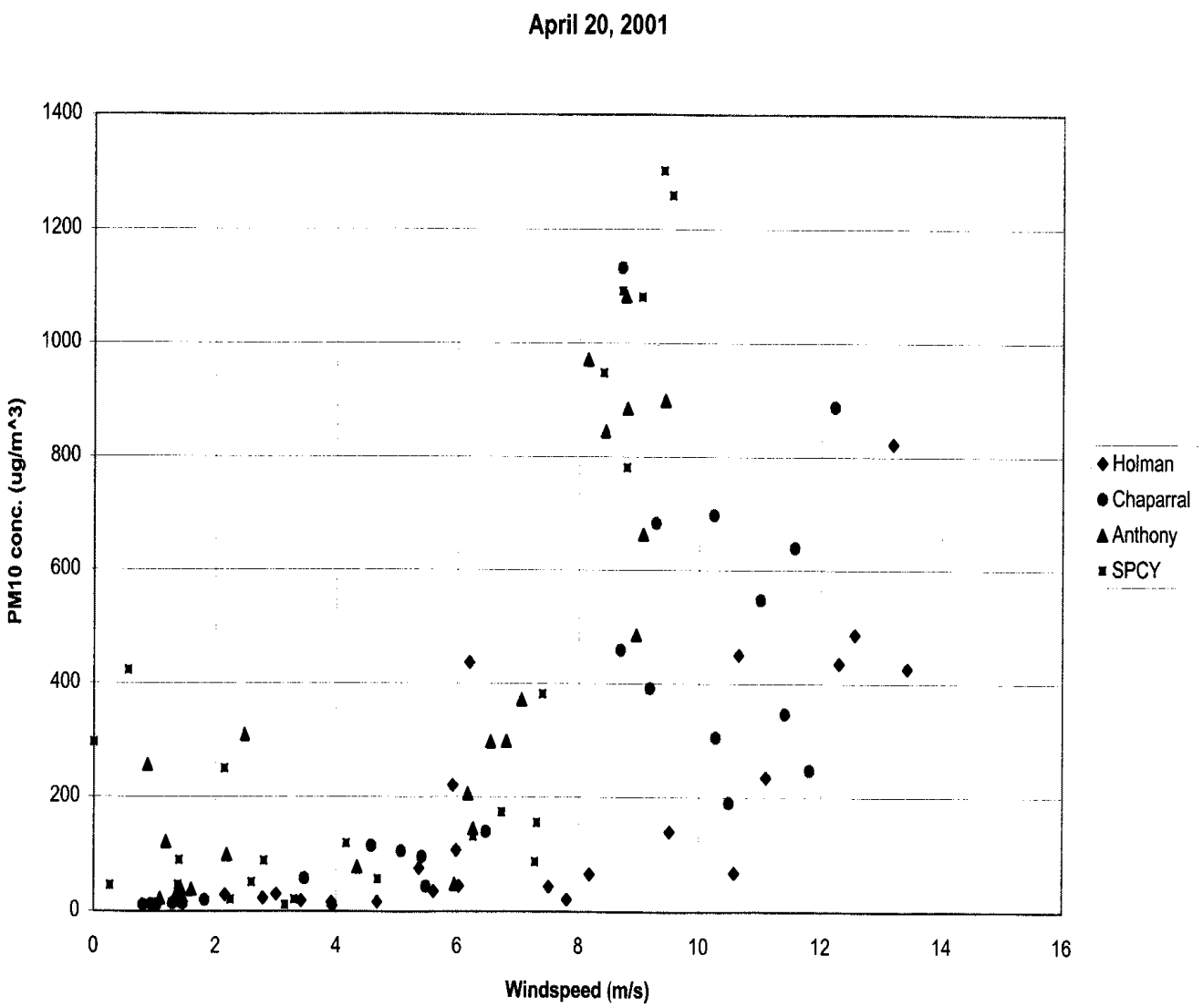
Plots of Hourly Average PM_{10} in Relation to Wind Speed

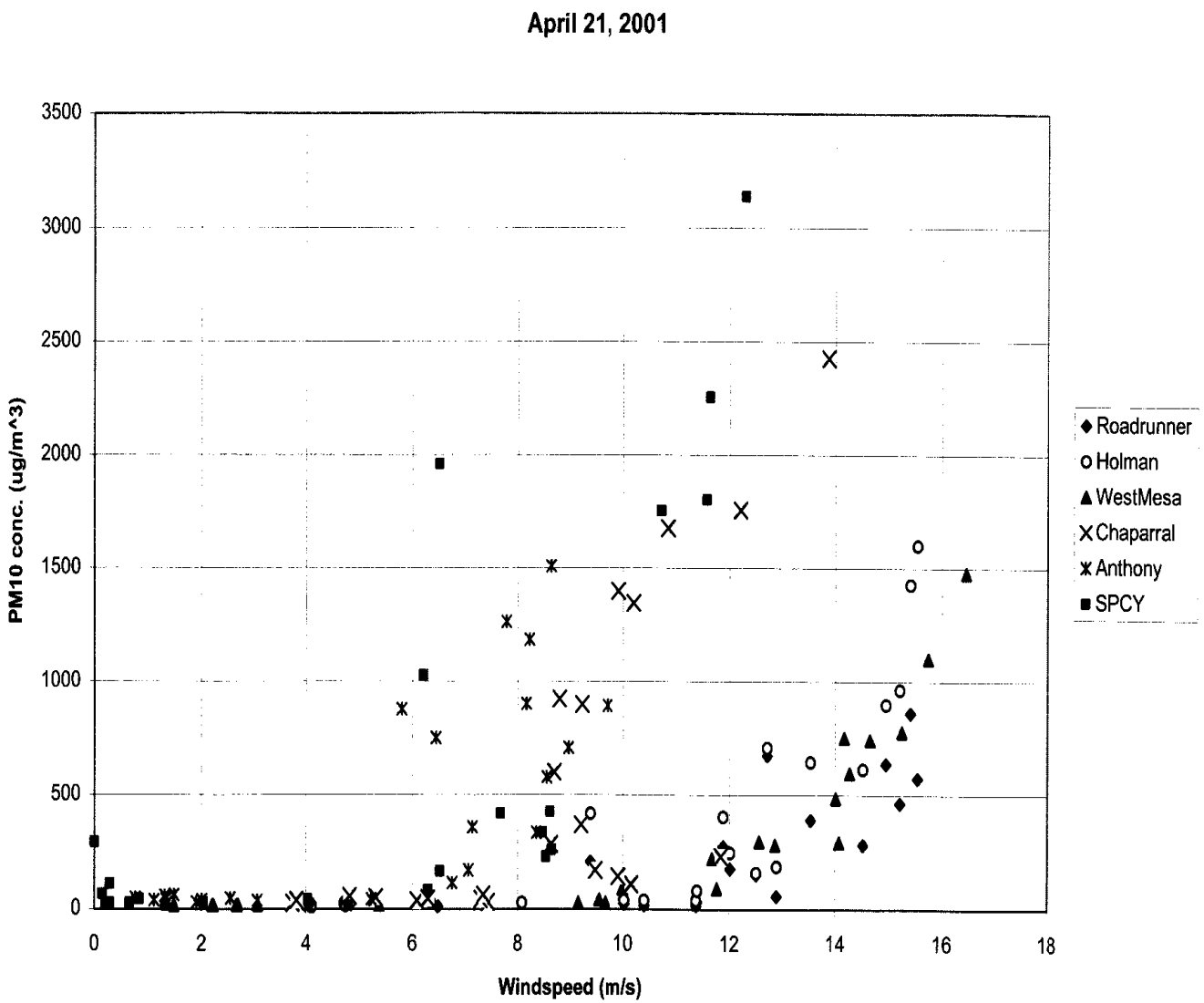

April 6, 2001
PM10 conc. (ug/m^3)
25000
20000
15000
10000
5000
0
0
2
4
6
8
10
12
14
16
18
20
Windspeed (m/s)
Holman
WestMesa
Chaparral
Anthony
SPCY

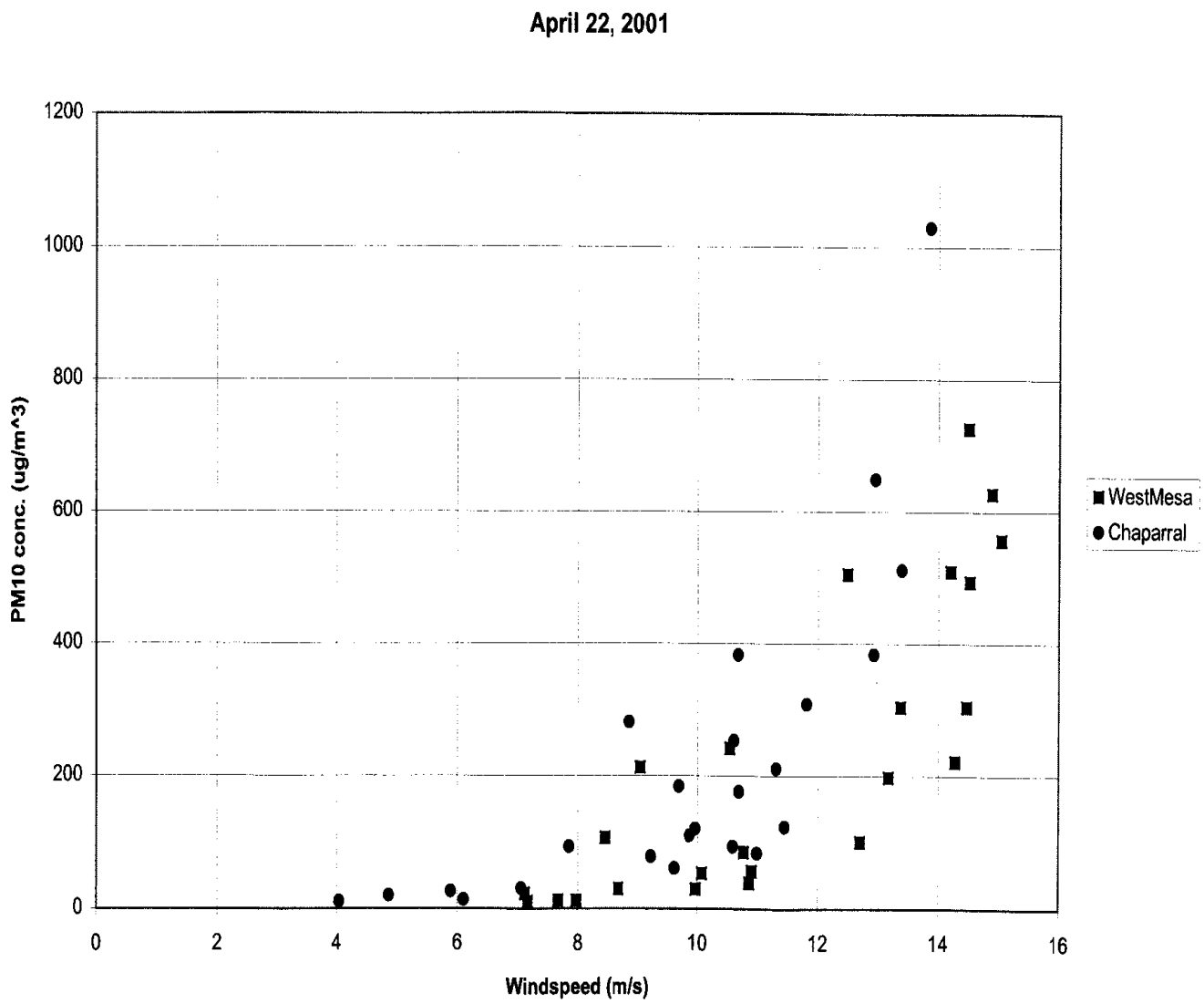
April 10, 2001

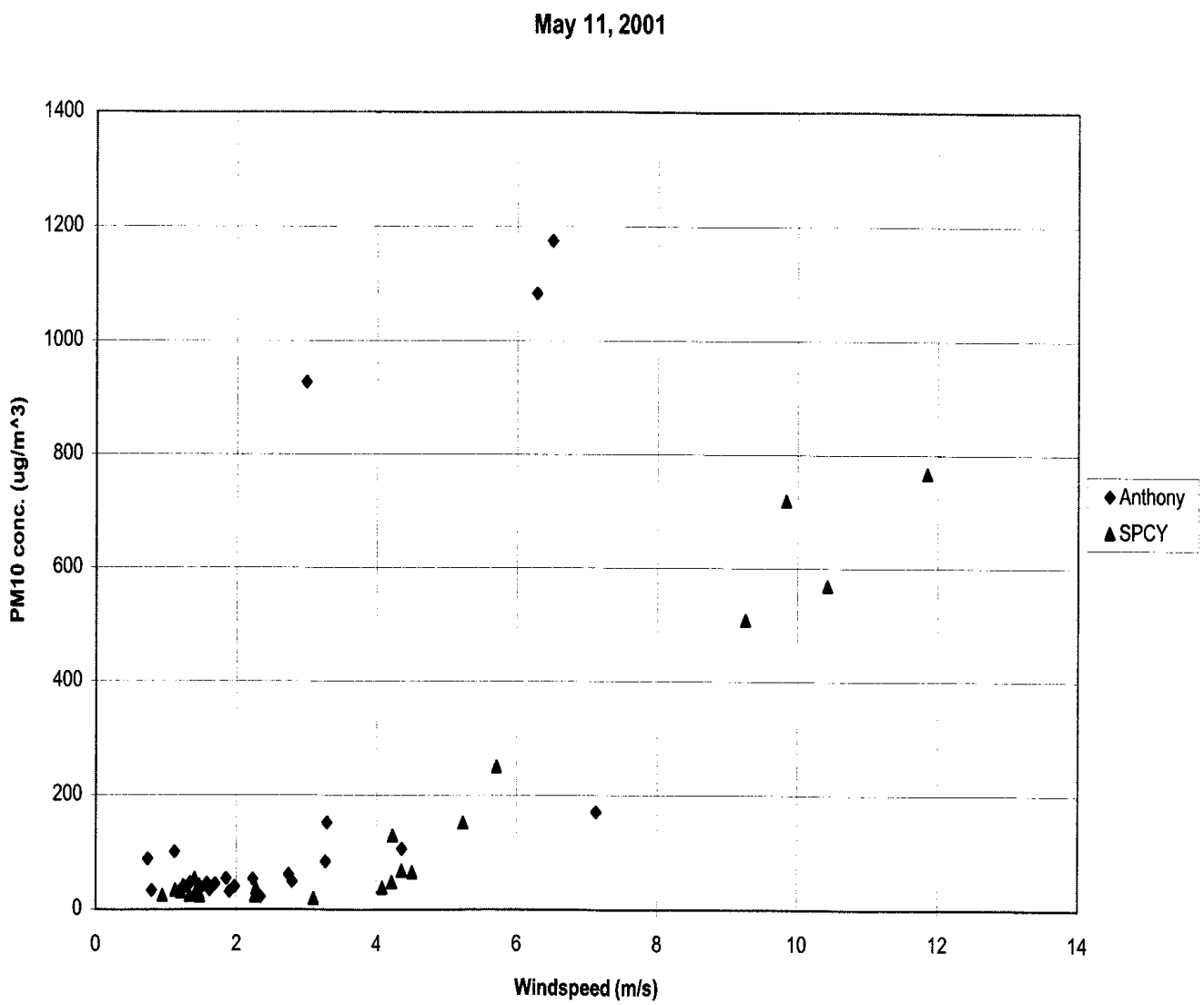


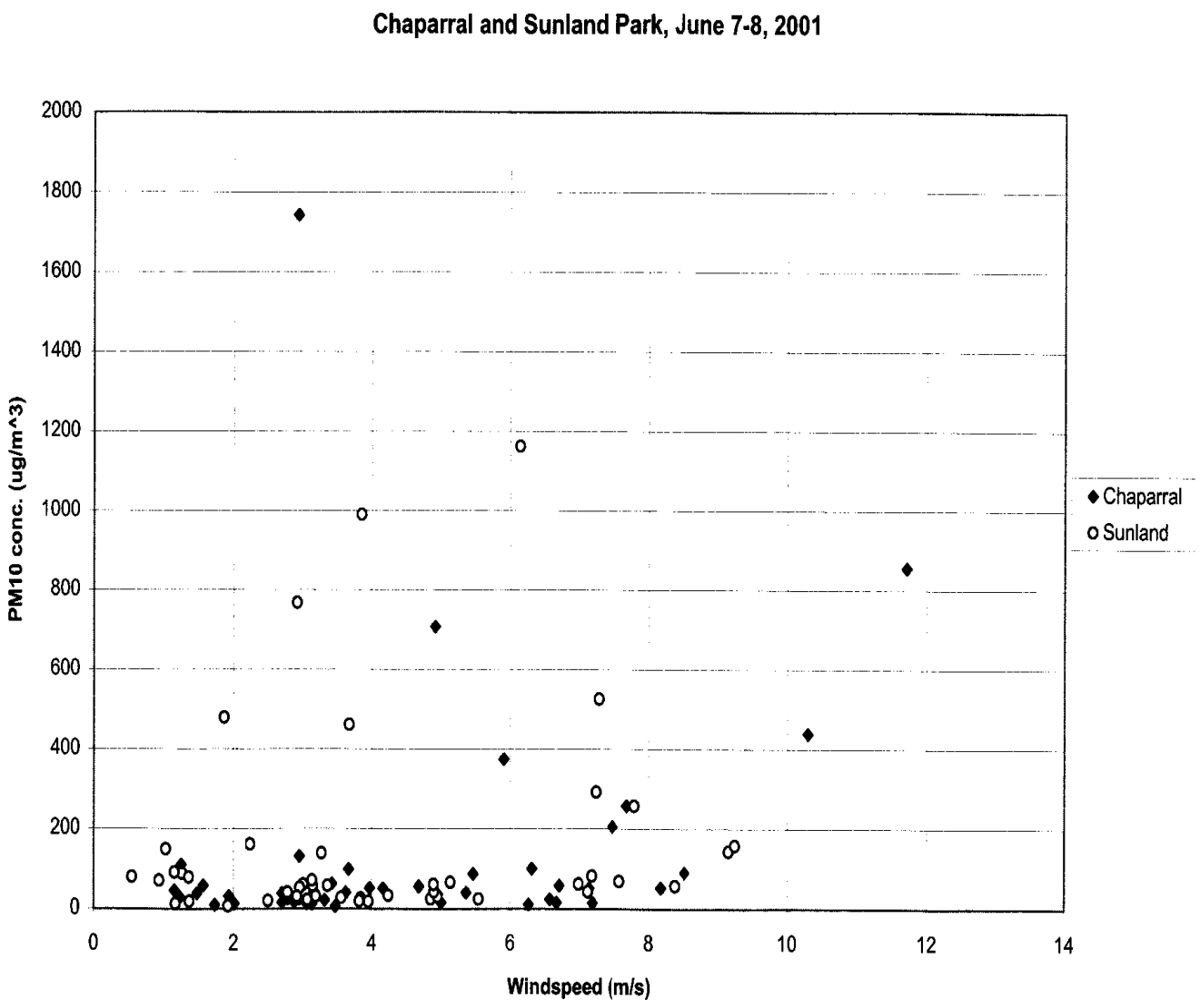

April 17, 2001
PM10 conc. (ug/m^3)
1200
1000
800
600
400
200
0
0
2
4
6
8
10
12
Windspeed (m/s)
Anthony
SPCY

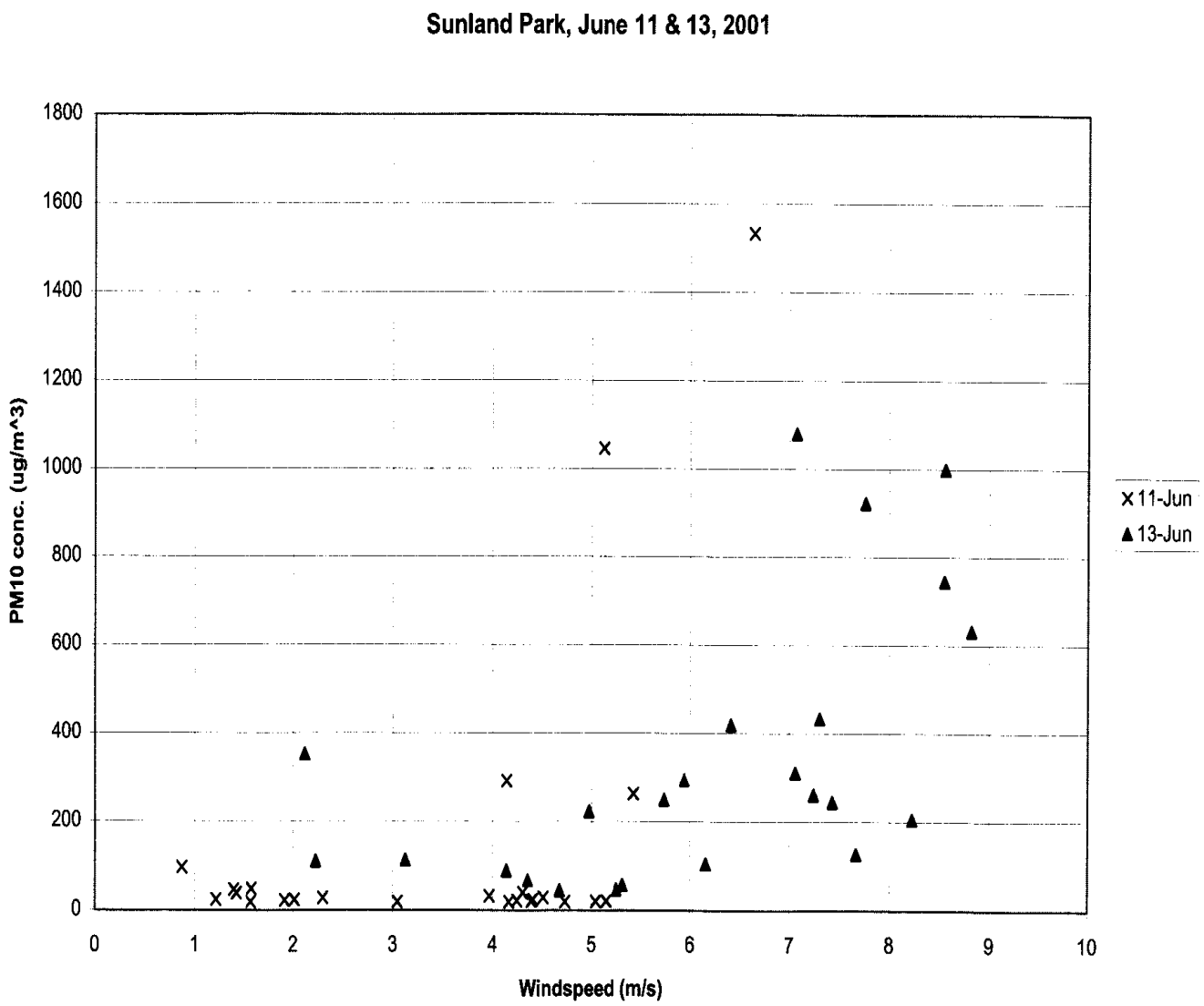

April 20, 2001
PM10 conc. (ug/m^3)
1400
1200
1000
800
600
400
200
0
0
2
4
6
8
10
12
14
16
Windspeed (m/s)
Holman
Chaparral
Anthony
SPCY

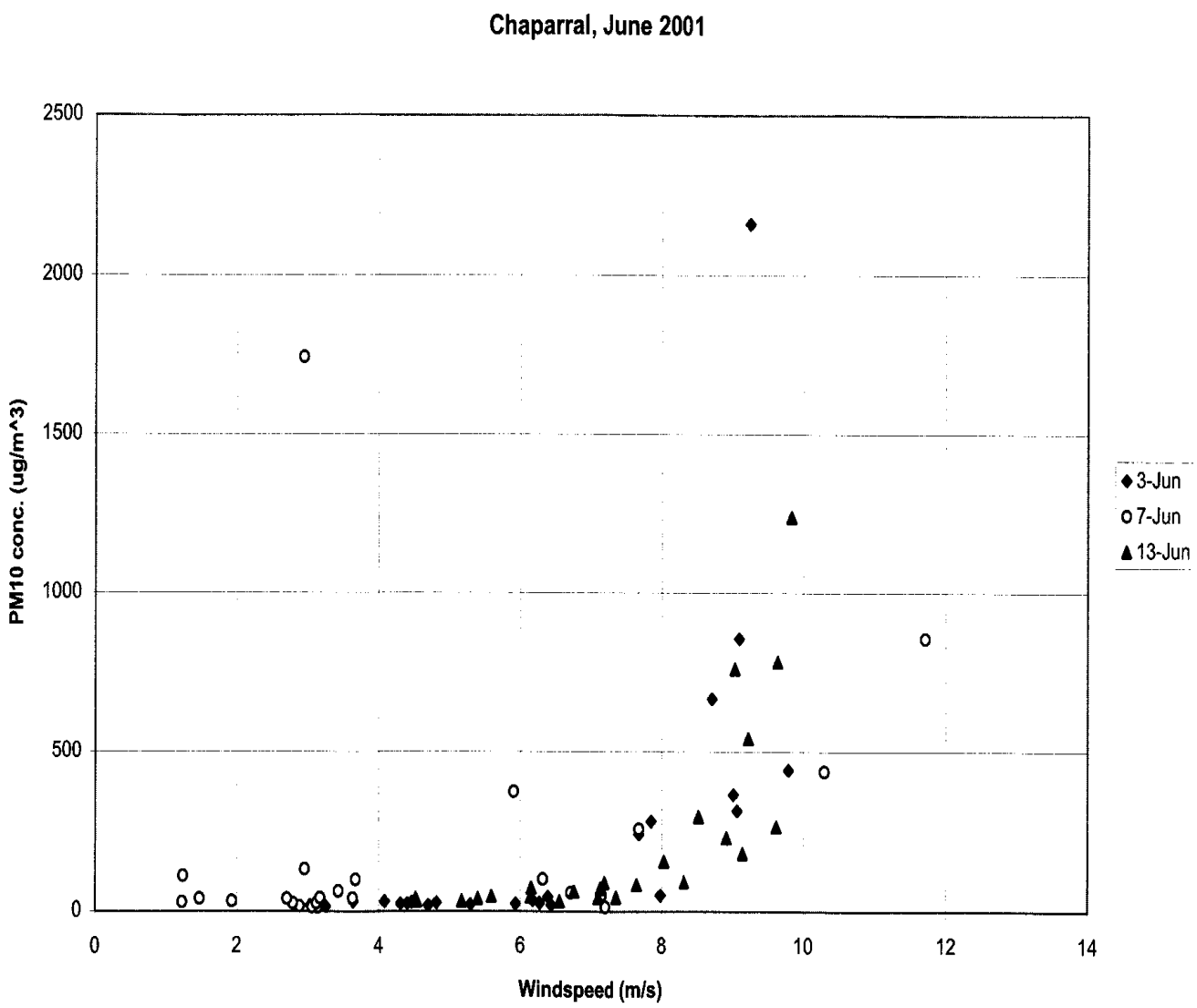

April 21, 2001
PM10 conc. (ug/m^3)
3500
3000
2500
2000
1500
1000
500
0
0
2
4
6
8
10
12
14
16
18
Windspeed (m/s)
Roadrunner
Holman
WestMesa
Chaparral
Anthony
SPCY


April 22, 2001
PM10 conc. (ug/m^3)
1200
1000
800
600
400
200
0
0
2
4
6
8
10
12
14
16
Windspeed (m/s)
WestMesa
Chaparral


May 11, 2001
PM10 conc. (ug/m^3)
1400
1200
1000
800
600
400
200
0
0
2
4
6
8
10
12
14
Windspeed (m/s)
Anthony
SPCY


Chaparral and Sunland Park, June 7-8, 2001
PM10 conc. (ug/m^3)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0
2
4
6
8
10
12
14
Windspeed (m/s)
Chaparral
Sunland


Sunland Park, June 11 & 13, 2001
PM10 conc. (ug/m^3)
1800
1600
1400
1200
1000
800
600
400
200
0
0
1
2
3
4
5
6
7
8
9
10
Windspeed (m/s)
11-Jun
13-Jun


Chaparral, June 2001
PM10 conc. (ug/m^3)
2500
2000
1500
1000
500
0
0
2
4
6
8
10
12
14
Windspeed (m/s)
3-Jun
7-Jun
13-Jun