

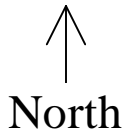


## ***Appendices to Chapter 1***

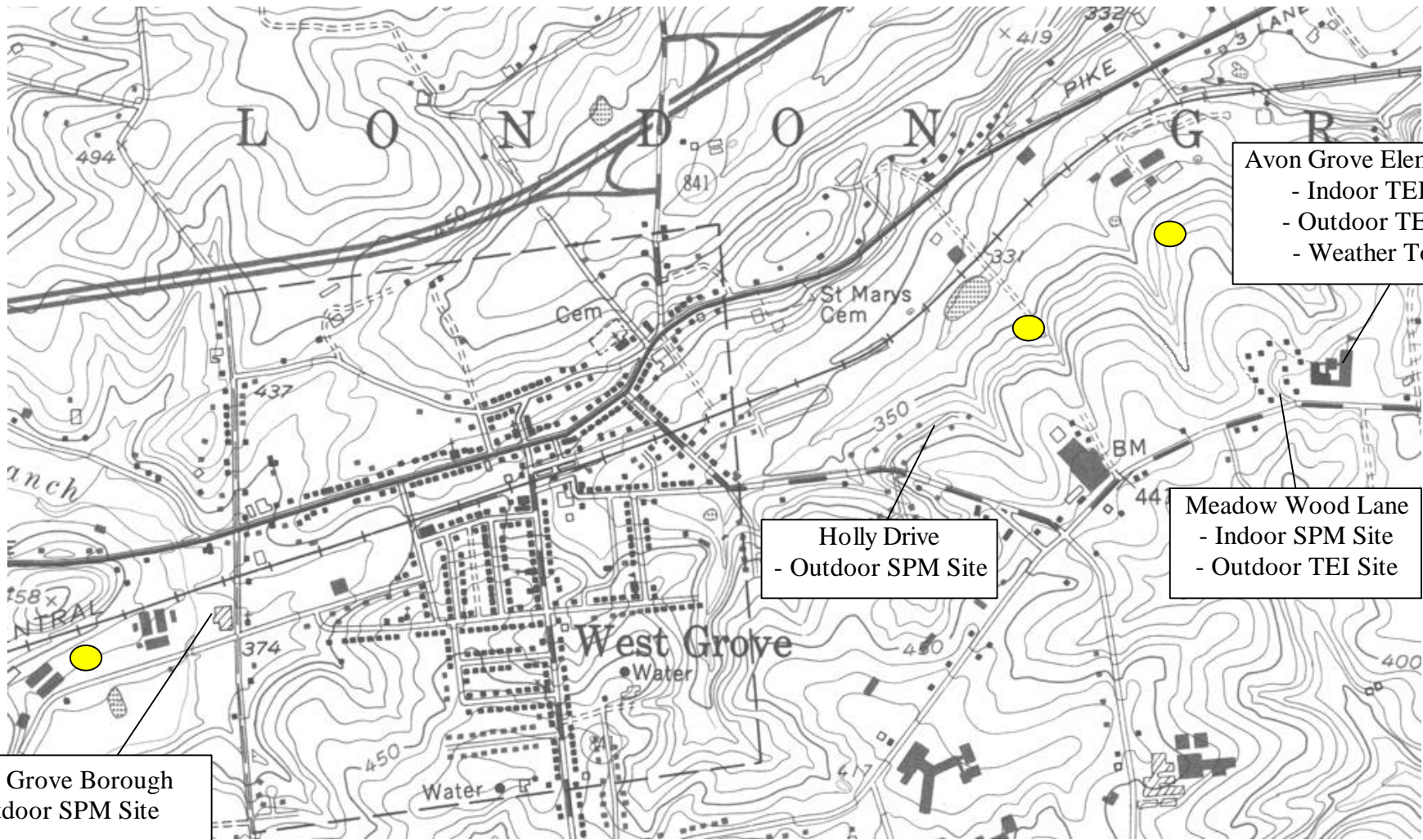
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## **Appendix A.**

Assessment of H<sub>2</sub>S Levels in London Grove Township - Site Map



# Assessment of H<sub>2</sub>S Levels in London Grove Township - Site Map



West Grove Borough  
- Outdoor SPM Site

Avon Grove Elem. School  
- Indoor TEI Site  
- Outdoor TEI Site  
- Weather Tower

Holly Drive  
- Outdoor SPM Site

Meadow Wood Lane  
- Indoor SPM Site  
- Outdoor TEI Site

Kemblesville Elem. School  
- Outdoor SPM Site

● Composting Operations

~5 miles  
↓

**Appendix B.1.**

Avon Grove Elementary School  
TEI Outdoor One-Hour Data Values for H<sub>2</sub>S

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

April 1998  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Hour Beginning (EST)		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Mean
1																										
2																										
3																										
4																										
5																										
6																										
7																										
8																										
9														Sampling starts ---->		1	1	1	1	1	1	1	1	1	1	
10	1	1	1	1	1	1	1						1	2	1	1	1	1	1	1	1	1	1	1	1	2
11	1	1	1	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1
12	1	4	8	20	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
13	1	6	3	3	6	36	18	5						10	1	1	1	1	1	1	1	1	1	1	1	5
14	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	8	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	1
16	2	1	1	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	3	3	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	3	4	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
21	1	2	2	5	7	1	29	21	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
22	1	1	1	3	2	1	2	20	2	2	1	1	1	1	1	1	1	1	1	1	1	4	3	1	1	2
23	1	1	1	1	5	3	2	1	1	1				2	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	2	1	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	2	15	56	13	64	37	1	1	1	1	1	1	1	1	1	1	1	1	1	2	9
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
28	1	1	1	1	1	1	1	1	7	1	3	3	1	1	1	1	1	1	1	1	1	1	1	2	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	2	8	1	2	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

May 1998  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean	
	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	1	1	1	1	1	2	4	5	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	3	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	4
7	3	1	1	1	1	1	1	1	1	1			1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	4	1
14	3	1	3	9	2	9	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
15	1	6	4	2	6	5	8	5	5	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2
16	4	5	1	1	1	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1	2
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	3	1	1	1	1	12	1	3	5	11	5	1	1	1	1	1	1	1	1	1	1	5	1	3
19	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	3	1	2	1
20	1	1	1	1	1	2	1	5	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	3	1	3			4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	2	7	7	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
23	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1
24	1	1	2	1	4	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	2	1	5	30	2	1	2	31	6	1	1	1	1	1	1	1	1	4
27	1	1	1	1	1	1	1	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	2	59	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	11	8	16	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2
31	2	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

June 1998  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Hour Beginning (EST)		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Mean
Day												<---- Datalogger failure ---->														
1																										
2												1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3		1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
4		1	1	1	1	3	1	5					4	2	51	1	1	1	1	1	1	3	2	3	3	4
5		1	1	1	1	5	7	13	1	1	1	1	1	1	3	7	5	3	2	1	1	1	1	1	1	3
6		1	1	1	1	1	1	3	3	3	1	4	1	1	1	1	1	1	1	1	2	3	1	1	1	2
7		1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8		1	1	1	1	1	1	1	1	1	1	1	1	3	9	43	25	1	1	1	1	4	2	1	1	4
9		1	1	1	1	1	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10		1	1	1	1	1	4	5	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
12		1	1	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	2	2	2	1	2	1	1
13		1	1	1	3	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14		1	1	1	3	3	1		1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1	1	1
15		1	2	5	3	10	5	6	3	1	1	4	4	2	2	1	1	1	1	1	1	1	1	1	1	2
16		1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17		1	1	1	1	1	4	9	4	2	3	2	3	3	3	3	2	1	1	1	2	2	1	1	1	2
18		1	1	1	1	1	1	1	32	97	24	2	1	1	1	1	1	1	1	1	1	3	1	5	6	8
19		1	1	1	5	5	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
20		1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	3	1	7	14	2	1	4	2
21		1	3	3	4	2	10	2	1	1	1	1	1	1	1	1	1	1	1	1	3	2	2	1	1	2
22		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23		1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	3	1	1
24		1	1	1	1	1	1	1	1		3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25		1		4	17	12	35	16	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5
26		1		1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27		1		1	3	6	5	4	1	2	1	1	1	1	1	1	1	1	1	1	1	1	3	4	1	2
28		1		1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29		1		1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30		1		1	1	1	1	1	1	2	1	1	1	1	1	1	1	1		2	1	1	1	1	1	1



Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

July 1998  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean	
	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	1		1	1	1	1	1	1	1	20	2	72	2	2	2	2		2	1	1	1	1	1	5	
2	3		2	3	1	8	4	22	1	1	1	1	1	1	1	1	1	1	1	2	1	7	16	11	4
3	14		7	8	4	4	28	12	2	1	1	1	1	1	1	2	1	1	1	1	3	14	18	9	6
4	10		5	3	8	13	22	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	
5	1		1	1	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4	5	1	2
6	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1		1	1	2	6	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1		1	1	1	3	3	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
9	1		1	1	1	1	6	5			3	2	2	1	1	1	1	1	1	1	1	1	1	1	2
10	1		1	1	1	2	2	2	1	1	1	6	2	1	1	1	1	1	1	1	1	1	1	1	1
11	1		2	1	2	6	4	3	2	3	2	8	77	4	1	1	1	3	4	1	4	3	5	1	6
12	4		6	5	1	2	8	2	1	1	1	1	1	1	1	1	1	1	1	5	5	11	4	6	3
13	7		4	5	3	4		3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
14	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
15	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1		6	4	4	4	5	8	4	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
17	2		2	2	5	6	7	35	5	8	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4
18	1		1	1	1	2	3	2	3	4	7	1	33	1	1	1	1	1	1	1	1	1	1	2	3
19	4		1	2	4	18	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
20	1		1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1
21	1		1	1	1	1	5	5	9	2	13	2	1	1	1	1	1								
22																									
23																									
24																									
25																									
26																									
27																									
28	1	1	1	1	2	8	7	2	1	1			1	1	1	1	1	1	1	1	1	1	1	1	2
29	1	1	1	1	1	1	1	4	3	16	11	1	3	1	1	1	1	1	1	1	1	1	1	1	2
30	1	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1					2	2	2	2	2	2	2	2	2	2	2	1

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

August 1998  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean			
	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	2	2	2								<---- Datalogger failure ---->																
2																											
3									6	4	3	2	2	2	3	3	2	2	2	4	2	2	3	2			
4	9	4	8																								
5											<---- Datalogger failure ---->																
6															2	2	2	3	3	4	3	4	4	3			
7	5	7	5	3	3	3	3	2			2	1	1	1	1	1	1	1	1	2	2	2	2	1	2		
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2	1		
9	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
10	2	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1		
11	1	1	1	2	2	1	1	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1		
12	1	1										1	1	1	1	1	1	1	1	1	2	4	5	2			
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1		
14	2	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
15	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
16	1	2	1	1	1	1	2	1	2	3	2	2	1	1	1	1	1	1	1	1	1	4	2	3	2		
17	1	1	1	2	1	3	1	1	1	1	1	1	1	1	1	1	3	1	1	1	2	2	3	2	1		
18	1	3	3	5	7	5	3	4	3	1	1	5	1	1	1	1	1	1	1	1	1	1	1	1	2		
19	1	1	1	1	2	1	16	27	1	1	1	1	1	1	1	1	1	1	2	4	3	5	3	4	3		
20	4	1	1	1	1	1	1	1				2	2	2	1	1	1	1	1	1	3	8	5	2	2		
21	4	2	3	12	4	1	1	1	2	1	3	2	3	2	1	1	1	1	1	1	1	1	1	2	2		
22	3	4	5	1	3	3	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	2		
23	1	1	1	2	1	1	2	14	3	3	9	1	3	1	1	1	1	1	1	1	1	1	1	1	2		
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
25	1	1	1	7	7	5	2	1	1	1	4	1	3	5	1	1	1	1	1	1	1	1	1	1	2		
26	1	1	2	2	2	2	2	2	2	1	1	1	1	4	22	1	2	1	1	2	2	4	5	4	3		
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	3	2	1		
29	5	3	3	2	6	6	16	2	1	1	1	1	1	1	3	3	5	5	2	1	5	5	3	4	3		
30	1	1	1	2	4	3	14	6	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2		
31	1	2	1	1	1	5	45	29	3	2	2	1	2	5	2	1	1	1	1	4	6	3	1	2	5		

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

September 1998  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean	
	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	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	3	2	1
2	3	3	4	4	3	2	1	1			3	3	2	1	1	1	1	1	1	2	1	1	2	1	2
3	2	3	3	5	5	7	8	6	2	1	2	2	1	1	1	1	1	1	1	1	2	2	4	2	3
4	2	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	2	1	2
5	1	1	2	1	1	1	10	54	43	56	31	9	2	2	1	1	1	6	4	1	1	9	3	1	10
6	1	1	1	1	1	4	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	1	1	1	1
8	2	1	1	1	4	2	5	8	4	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2
9	1	1	1	1	3	2	7	2	3	2	2	1	1	1	1	1	1	1	2	3	2	1	1	1	2
10	1	2	1	1	2	3	2	3	2	1	44	53	90	41	1	1	1	1	1	1	6	3	1	1	11
11	3	1	1	1	1	2	2	3	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	18	3	3	2	2	4	2	2	2	1	1	1	1	4	2	7	6	3
13	7	8	7	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
14	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	3	1	8	14	7	11	26	4	1	1	1	1	1	1	2	1	4
17	1	1	1	1	1	1	1	1				2	1	1	1	1	2	1	1	1	1	1	1	2	1
18	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	1	2	2	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	1	1	1	1
20	2	7	3	5	9	10	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	2	1	1	1	1	1	3	5	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	5	2	2	7	7	2
24	4	1	2	29	29	17	7	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5
25	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	5	17	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	2	1	8	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	4	4	1	6	5	3	1	1	3	4	2	3	1	1	1	1	1	1	1	1	1	1	2
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

October 1998  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean	
	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	1	1	1	1	1	1	1	1		2	2	1	1	1	1	1	1	1	1	1	4	3	1	3	1
2	3		1	1	5	2	28	13	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	3
3	2		1	1	3	8	49	18	3	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	4
4	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	6	4	2	9	2
6	8		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
10	1	1	1	1	1	1	2	2	6	8	8	1	1	1	1	1	1	1	1	2	1	2	3	3	2
11	2	2	3	2	2	4	7	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
12	4	1	1	1	6	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	2	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1			2	2	3	2	1	1	1	1	3	4	3	1	1	1	2
16	1		2	1	1	14	12	2	1			1	1	18	15	21	58	2	1	1	1	1	1	2	8
17	5		1	1	1	1	28	12	1	1	1	1	1	1	1	1	1	1	1	2	32	6	3	5	5
18	1		2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1		1	1	1	1	9	18	2	3	1	1	1	4	1	1	1	1	1	1	1	1	2	1	2
20	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	2	44	129	21	15	13	1	1	1	1	3	5	2	2	3	10
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	2	2	3	3	3	17	33	5	3	3	2	2	2	2	2	2	3	3	2	2	3	4	3	2	5
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	3	3	4	3	5	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
29	1	1	1	1	1	5	27	2	2							2	1	1	1	1	2	3	3	4	3
30	2		1	1	1	2	7	2	2				1	1	1	1	1	1	1	1	1	1	1	2	2
31	2		1	1	1	1	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

November 1998  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean		
	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	1		1	1	1	1	1	16	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	
2	1		1	1	1	1	1	4	2	1	1	1	1	1	2	1	1	1	1	3	3	3	1	1	1	
3	1	3	1	1	1	2	2	8	6	1	1	3	1	5	1	21	1	2	1	2	1	1	1	1	3	
4	1	1	1	1	1	1	1	1	1	1	1							3	1	1	1	1	1	1	1	
5	5	5	5	5	4	4	4	6	8				2	2	2	2	2	1	1	4	2	4	4	1	3	
6	1	1	1	1	1	1	1	2	5	3	1	1	1	3	1	1	1	2	1	1	2	1	1	1	2	
7	1	1	1	1	1	1	1	1	1	1	2	5	38	92	1	5	1	1	1	1	2	2	4	4	7	
8	3	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
9	1	1	2	1	1	10	11	3	2	1	1	1	1	1	1	1	1	5	2	2	5	2	8	7	3	
10	1	5	1	3	2	4	12	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
12	1	1	1	1	1	1	1	1	1			1	1	1	1	1	1	1	1	1	1	1	1	1	1	
13	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
14	3	6	5	2	2	7	5	14	22	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	4	
15	1	1	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	5	1	
16	2	1	1	1	1	1	1	5	7	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	
17	1	1	1	1	1	1	1	2	1	1	19	3	31	73	1	1	1	2	1	1	1	1	1	3	3	6
18	1	1	1	1	1	1	1	10	1	1	1	1	1	1	1	1	1	1	1	1	1	9	5	4	4	2
19	3	1	9	8	5	3	8	3	17	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3	
20	1	1	1	1	3	2	1	18	6	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	2	
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
22	1	1	1	2	2	1	1	3	3	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
23	3	1	1	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
24	1	1	1	1	1	1	1	4	34	1	1	7	3	1	1	1	1	1	1	1	1	1	3	2	3	3
25	3	3	2	1	1	6	7	2	16	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
27	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
29	1	1	1	1	1	1	1	1	14	11	1	1	1	1	1	1	1	1	1	1	1	3	1	1	2	
30	1	6	3	5	2	2	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

December 1998  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean		
	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	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	
2	1	1	1	1	1	1	1						1			1	1	1	1	1	1	1	1	1		
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
4	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	9	2	1	1	1	1	1	1	1	1	
5	1	1	1	1	2	2	1	2	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
6	1	1	1	1	4	6	5	14	19	12	2	1	1	1	1	1	1	1	1	1	1	2	1	1	3	
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	
9	1	1	1	1	1	1	1	1	1	1	1	2	6	2	1	1	2	1	1	1	1	1	1	1	1	
10	1	1	2	2	1	1	1	1	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1		1	
11	1	1	1	1	1	1	2	2	1	2	2	2	1	2	2	1	3	6	1	1	3	5	2	2	2	
12	3	2	2	2	2	4	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
13	1	1	1	1	1	1	1	1	6	8	5	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
15	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
16	2	2	3	1	3	3	20	6	2	13	2		5	8	3	3	1	2	1	2	3	3	5	6	4	
17	11	5	7	4	5	6	10	2	2	1	1	2	2	1	1	3	1	1	1	1	1	1	2	1	3	
18	1	1	1	1	1	1	1	2	2	5	2	6	2	3	2	2	2	1	1	1	1	3	2	2	2	
19	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
20	1	3	2	3	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
21	1	1	1	1	1	1	2	5	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
22	1	1	1	1	1																					
23											1	1	2	1	3	2	2	2	2	2	2	1	1	1	1	
24	1	1	1	1	1	1	2	1	3	2	2	4	4	3	3	2	2	2	2	2	2	1	1	3	2	2
25	2	1	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	
26	4	2	4	3	5	1	4	10	2	4	10	3	1	1	1	1	1	1	1	1	1	1	1	1	3	
27	2	2	2	2	2	2	3	5	9	13	5	1	1	2	1	1	1	1	2	1	1	1	1	1	3	
28	1	1	1	1	2	1	5		5	3	2	2	2	2	1	1	1	2	2	2	2	1	1	2	2	
29	1	1	1	1	2	1	1	1	2	1	2	1	1	2	1	1	2	1	1	1	1	1	1	2	2	
30	2	1	1	1	2	1	2	3	3	2	3	2	1	1	1	1	1	2	1	1	1	2	2	1	2	
31	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

January 1999  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean	
	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	1	1	1	2	1	1	1	2	2	1	2	1	2	2	2	2	1	1	1	2	1	1	1	1	1
2	1	1	1	1	1	1	1	1	2	1	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	2	2	3	3	3	2	1	2	2	3	2	2	2	2	1	1	2	2	2	2
6	1	1	1	3	1	3	1	2	2	2	2		2	2	1	1	2	2	2	1	1	2	2	2	
7	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
8	1	1	1	1	1	1	1	2	2	1	2	3	2	1	2	2	1	2	2	2	2	2	1	1	2
9	1	1	1	1	1	1	1	1																	
10																									
11																									
12																									
13																									
14																									
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29																									
30																									
31																									

<---- Monitor contaminated by H<sub>2</sub>O ---->

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

February 1999  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Hour Beginning (EST)		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Mean
1																										
2																										
3																										
4																										
5																										
6																										
7																										
8																	3	3	3	3	1	2	2	2	1	
9	1	1	1	1	2	1	1	1	1	3		8	11	10	8	8	8	8	7	6	6	4	3	4	5	5
10	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	2	2	2	2	1	1	17	6	5	4	3	2	2	1	1	1	2	3	3	3	2	4	3	2	3	3
12	1	1	1	2	1	4	7	12	23	40	50	55	52	54	54	52	48	23	6	2	1	1	1	1	1	20
13	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	2	1	1	7	11	5	5	7		2	1	1	1	1	1	1	1	1	1	1	1	1	3	2
17	4	3	3	2	1	5	2	1	1	1	1			4	3	5	5	4	4	4	4	3	4	5	5	3
18	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1
23		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	2	2	1	1	3	1
26	2	2	1	2	1	2	2	3	2	1	2	1	1	1	1	1	1	1	1	1	3	2	3	1	2	2
27	2	1	1	1	1	1	12	27	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3
28	1	1	1	1	1	1	1	1	3	4	6	7	10	13	15	18	16	13	10	8	6	5	5	5	5	6



Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

March 1999  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean		
	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	4	8	2
3	1	1	1	1	1	1	1	1	1	1	1	2	3	4	7	11	13	14	13	15	12	12	12	12	12	6
4	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	4	6	2	1	1	1	1	2
6	4	4	2	2	2	2	2	2	2	1	2	3	4	6	7	8	8	8	8	8	8	8	9	8	4	5
7	3	2	1	2	1	1	1	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1			2	1	1	1	1	2	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	2	3	4	4	1	3	1	1	1	1	1	1	1	1	1	1	1	1	2
12	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	2	2	1	1	1	1	12	5	42	38	1	50	2	2	3	3	1	1	1	1	7
14	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	3	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	3	2	5	3	4	3	1	1	1	1	1	2	2	1	5	1	1	2	1	1	1	1	1	1	2
21	1	1	1	1	1	1	2	4	2	2	2	2	2	2	3	3	4	5	6	8	11	14	11	9	4	
22	4	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	2	2	2	3	5	6	5	4	4	5	5	5	4	3	3	4	5	5	6	6	5	5	6	4	4
25	2	1	1	1	1	3	1	1	1	1	1		2	1	7	1	1	2	3	1	1	1	1	1	1	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1
27	11	16	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	5	1	1	1	1	1	2
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	5	1	2	6	7	1	2	
29	1	1	2	1	1	1	1	24	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	9	1	3	3	1	2	1	1	1	1	1	3	1	1	1	1	1	1	1	1	2
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

April 1999  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean											
	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	1	1	1	1	1	1	3	5																											
2										<---- Suspected moisture problem ---->																						3	2		
3	1	5	1	1	1	1	1	2	1	1	2	3																							
4										<---- Suspected moisture problem ---->																									
5			1	1	1	1	1			1	1			3	2	2	2	2	1	1	1	2	2	2	2	1									
6	1	1	3	4	6	16	9	7	3	1	1	1	1	1	1	1	1	2	2	3	3	4	4	3	3										
7	1	1	3	2	2	5	5	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
8	2	2	1	1	1	1	2	4	4	3	3	3	3	3	2	2	2	2	2	2	2	2	3	5	2										
9	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
10	2	1	1	1	2	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1										
11	1	1	1	1	1	2	1	1	2	2	4	5	6	7	7	6	6	7	7	5	5	5	5	4	4										
12	1	1	1	1	2	2	2	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	2	1	1										
14	1	1	1	1	2	3	2	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1										
15	1	1	1	5	3	3	2	6	5	2	1	1	1	1	1	1	1	2	3	3	3	4	4	4	2										
16	1	1	1	2	1	2	2	2	2	2	3	3	3	3	4	6	2	2	3	9	2	1	4	2	3										
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
19	1	1	1	1	1	1	9	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
20	2	3	4	2	3	3	3	3	2	2	2	1	1	1	1	1	1	1	2	3	1	1	2	1	2										
21	1	1	1	3	1	1	2	16	27	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	3										
22	1	1	1	1	4	2	4	6	4	4	6	10	13	16	19	19	17	13	14	16	17	13	7	4	9										
23	2	1	3	1	1	2	2	2	2	3	3	3	5	6	6	6		7	4	3	1	1	1	1	3										
24	2	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	3	2	1	1	2	1										
25	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
26	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
27	1	1	1	1	1	1	1	1	1	1		1	2	1	1	1	1	1	1	1	1	1	1	1	1										
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
29	1	3	1	4	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
30	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

May 1999  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean		
	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	2	5	9	10	10	12	14	15	15	13	13	11	10	8	6	3	3	2	7	7
4	1	1	1	1	1	1	1	4	3	3	6	8	9	8	8	8	8	8	7	7	7	8	8	10	5	5
5	5	3	1	3	7	11	14	18	10	9	10	13	16	19	22	20	15	15	14	10	7	7	6	5	11	11
6	5	4	1	2	4	4	7	6	5	5	5	5	5	6	6	6	7	5	4	4	4	3	3	3	5	5
7	10	10	7	10	11	12	14	16	18	20	22															
8																										
9																										
10								1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	2	2	2	2
12	1	3	1	2	1	1	6	7	11	10																
13																										
14		1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6	1
15	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	2	4	6	7	7	6	6	5	5	5	4	3	3	3	3	3	3	3
17	2	1	1	1	1	1	2	3	6	8	10	10	10	10	10	11	12	13	10	9	9	7	7	7	7	7
18	4	5	1	1	3	2																				
19													2	14	29	36	36	36	30	25	22	22	20	13		
20	5	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	3	1	2	1	1	2	12	2	1	1	1	1	1	2	2	3	3	3	4	3	2	2	3	3	2	2
22	3	7																								
23																										
24																										
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1						4	6	5	4	4	5	4	4	4	4	4	3
27	1	1	1	2	2	3	6	3	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
28	3	1	1	1	1	1	15	6	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	2	2
29	2	1	3	3	1	25	8	13	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
30	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
31	11	5	2	2	2	11	7	7	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

June 1999  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																								Daily Mean
	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1
3	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
4	1	2	2	1	2	27	2	1	1	1	1	1	1	1	1	1	1	2	4	10	6	2	3	4	3
5	6	3	3	4	4	32	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
6	1	1	1	1	2	3	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	2	2	2	2	1	1	2	2	1	2	1	1	1	1	2	1	2	2
9	3	2	2	4	3	3	52	4	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
11	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	<---- Sampling ended.																
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									

## **Appendix B.2.**

Avon Grove Elementary School  
TEI Indoor One-Hour Data Values for H<sub>2</sub>S

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

April 1998  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Indoor Monitor)  
 TEI Continuous Monitor

Hour Beginning (EST)		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Mean
1																										
2																										
3																										
4																										
5																										
6																										
7																										
8																										
9														Sampling starts ---->		1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1						1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	4	17	8						3	1	1	1	1	1	1	1	1	1	1	1	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	2	3	5	16	6	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
22	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1				2	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	11	11	13	15	15	9	6	4	3	2	1	1	1	1	1	1	1	1	4
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

May 1998  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Indoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean	
	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	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1			2	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	4	4	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	5	3	1	4	6	8	1	1	1	1	1	1	1	1	1	1	1	1	2
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	2	1	3	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	3			4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	2	1	1	1	1	1	1	2	1	4	27	2	1	1	29	10	1	1	1	1	1	1	1	1	4
27	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	47	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

June 1998  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Indoor Monitor)  
 TEI Continuous Monitor

Hour Beginning (EST)		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Mean		
Day																												
1												<---- Datalogger failure ---->																
2												1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
3		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
4		1	1	1	1	1	1	2					3	3	68	1	1	1	1	1	1	1	1	1	1	1	1	
5		1	1	1	1	1	5	11	2	1	1	1	1	1	2	4	5	3	2	2	1	1	1	1	1	1	2	
6		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
7		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
8		1	1	1	1	1	1	1	1	1	1	1	1	9	42	12	7	1	1	1	1	1	1	1	1	1	1	4
9		1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
10		1	1	1	1	1	3	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
11		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
12		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
13		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
14		1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
15		1	1	1	1	4	5	4	3	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
16		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
17		1	1	1	1	1	1	5		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
18		1	1	1	1	1	1	1	9	39	56	7	2	1	1	1	1	1	1	1	1	1	1	1	1	2	6	
19		2	2	2	1	1	8	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
20		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
21		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
22		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
23		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
24		1	1	1	1	1	1	1		3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
25		1		1	1	1	1	7	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
26		1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
27		1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
28		1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
29		1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
30		1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	



Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

July 1998  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Indoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean	
	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	1		1	1	1	1	1	2	2	16	4	54	12	4	3	3		3	2	3	3	3	3	3	6
2	1		1	1	1	1	3	14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
3	2		3	3	3	3	2	4	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2
4	2		2	2	2	2	3	3		2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
5	2		2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
6	2		2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1		1	1	1	1	4	4			2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1		1	1	1	1	1	1	1	1	1	1	1	7	7	4	3	2	2	2	2	1	2	1	2
12	1		1	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
13	2		2	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	3		2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
16	1		1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1		1	1	1	1	2	22	4	5	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
18	1		1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
19	1		1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	2		2	2	2	2	2	2	3	3	3	5	3	2	2	2	2								
22																									
23															2	2	2	2	2	2	1	2	2	3	3
24	1	1	1	1	1	1	1	1	1	1															
25																									
26																									
27														3	2	2	2	1	1	1	1	2	1	2	2
28	1	1	1	1	1	1	1	1	1	1			1	1	1	1	1	1	1	1	1	1	1	1	1
29	2	2	2	2	2	2	2	2	2	2	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2
30	3	3	3	2	2	2	1	2	1	1	1	1	1	1	1	3	2	2	2	2	2	2	1	2	2
31	2	1	1	1	1	1	1	1						2	1	1	1	1	1	1	1	1	1	1	1

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

August 1998  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Indoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean			
	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	1	1	1								<---- Datalogger failure ---->																
2																											
3									7	8	6	5	4	3	3	3	2	2	2	2	2	2	2	2	2		
4	2	3	3	3	3	4	5	5	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	
5	1	2	2	2	2	3	4	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
6															1	1	1	1	1	1	1	1	1	1			
7	1	1	1	1	1	1	1	1			3	2	2	1	1	1	1	1	1	1	1	1	1	1	1		
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
12	1	1										1	1	1	1	1	1	1	1	1	1	1	1	1			
13	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
19	1	1	1	1	1	1	1	5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	
20	1	1	1	1	1	1	1	1				3	1	1	1	1	1	1	1	1	1	1	1	2	2	1	
21	1	1	1	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
22	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2		
23	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	33	3	1	1	1	1	1	1	1	1	1	2	
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
31	1	1	1	1	1	1	10	17	3	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	2	

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

September 1998  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Indoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean	
	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1			3	2	2	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	2	2	2	5	5	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2
4	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
5	1	1	1	1	1	1	1	4	7	8	9	10	7	5	3	2	2	1	2	1	1	1	1	1	3
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	2	2
8	2	2	1	1	1	2	4	8	4	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2
9	1	1	1	1	1	1	3	2	3	3	3	2	2	2	1	2	1	1	1	1	2	2	2	2	2
10	2	2	2	1	1	1	2	3	3	1	30	60	74	41	5	1	1	1	2	2	3	3	3	3	10
11	3	3	3	2	2	2	2	3	6	4	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2
12	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	2	2	2	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	6	15	7	5	23	14	11	8	6	4	3	2	2	1	5
17	1	1	1	1	1	1	1	1	1			1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	1	1	1
19	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
24	2	2	2	3	8	11	11	5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
25	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	2	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	2	2		4	2	1	2	3	4	2	3	1	1	1	1	1	1	1	1	1	2
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

October 1998  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Indoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean		
	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	1	1	1	1	1	1	1	1		3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
2	1		1	1	1	1	1	11	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
3	1		1	1	1	1	4	8	7	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
4	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	1
6	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1							1	1	1	1	1	1	1	1	1	1	1	
16	1		1	1	1	1	1	1					3	3	6	9	9	11	9	7	6	5	4	4	4	4
17	1		2	1	1	1	2	4	4	3	2	2	1	1	1	1	1	1	1	1	1	2	4	3	3	2
18	2		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1		1	1	1	1	1	7	4	2	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	7	79	74	35	21	12	9	7	5	4	4	4	4	3	3	11
22	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	4	6	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	3	5	3							5	3	2	2	2	2	2	2	2	3	2
30	3		2	2	2	2	2	3	3				3	3	3	3	3	2	2	2	2	2	2	2	2	2
31	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

November 1998  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Indoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean	
	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	1		1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1		1	1	1	1	1	1	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1							1	1	1	1	1	1	1	1
5	3	2	2	2	2	1	1	1	3		2		1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	2	3	2	2	1	2	1	1	2	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	3	19	22	15	9	7	5	4	3	2	2	2	2
8	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	3	3	3	2	2	1	1	1	1	11	1	1	1	1	1	1	2	2	3
10	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1			1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	2	2	2	2	3	3	6	6	5	4	3	3	2	2	1	2	1	1	1	1	1	1	2
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	16	5	17	17	25	10	5	3	2	1	1	1	1	1	5
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	3	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	3	2	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	2	2	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

December 1998  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Indoor Monitor)  
 TEI Continuous Monitor

Hour Beginning		(EST)																															
Day	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
2	1	1	1	1	1	1	1	←---- Monitor converted to measure SO <sub>2</sub>																									
3																																	
4																																	
5																																	
6																																	
7																																	
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29																																	
30																																	
31																																	

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

January 1999  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Indoor Monitor)  
 TEI Continuous Monitor

Hour Beginning		(EST)																							
Day	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																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
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26																									
27																									
28																									
29																									
30																									
31																									

<---- Monitor converted to measure SO<sub>2</sub> ---->

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

February 1999  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Indoor Monitor)  
 TEI Continuous Monitor

Hour Beginning (EST)		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Mean	
1																											
2																											
3																											
4																											
5																											
6																											
7																											
8										Monitor converted back to measuring H <sub>2</sub> S ---->						7	4	3	5	5	5	5	4	4	4		
9	4	4	3	3	4	3	3	3	3	4		7	6	4	6	5	6	4	4	4	4	5	6	6	6	4	5
10	3	2	2	3	3	2	2	2	2	1	1	3	3	2	2	2	2	2	2	3	3	4	3	3	3	3	2
11	3	3	3	3	3	2	4	6	6	5	3	3	2	1	1	1	1	1	1	2	3	3	4	3	3	3	3
12	3	3	3	3	3	2	2	2	2	5	12	13	11	13	16	17	19	18	15	11	8	6	6	5	5	5	8
13	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	2	4	5	5	1	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
17	1	2	2	2	2	2	2	2	2	1	2	1		2	3	4	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	3	1	3	2	2	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	2
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				1
23	1	1	1	1	1	1	1	2	1	1	2	2	1	1	2	2	2	2	2	1	1	1	2	2	2	2	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	1
27	1	1	1	1	1	1	1	7	7	4	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1



Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

March 1999  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Indoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean	
	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	2	2	3	4	5	4	3	3	3	3	3	3	3	3
4	3	3	3	3	2	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1			1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	2	3	4	2	3	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	4	8	18	16	13	15	10	6	5	4	3	2	5
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	4	8	2	1	1	1	1	2	3	2	1	1	1	1	1	1	1	2
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	2	3	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3
25	3	3	2	2	1	1	3	2	2	2	1		2	2	2	2	2	2	2	2	2	2	1	1	2
26	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	3	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	3	5	2	1	1	1		1	1	1	1	1	1	1	1	1	1	
30	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

April 1999  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Indoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean	
	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	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1
3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	4				2
4																									
5														1	2	2	2	2	2	2	2	2	2	1	
6	1	1	1	1	1	1	5	7	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
7	2	1	2	2	1	1	2	3	2	5	5	3	4	1	1	1	1	1	2	2	3	3	3	2	2
8	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	2	2	3	3	2	3	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	2	4	5	4	3	3	3	3	1	1	1	1	1	1	1	1	1	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	1	1	1	1	1	1	1	2	2	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	2	2	2	5	5	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2
16	1	1	1	1	1	1	1	2	3	3	3	3	3	3	4	3	3	2	2	3	3	2	2	2	2
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	2	6	4	3	2	2	2	3	4	2	2	2	2	2	2	2	2	1	2
20	1	1	1	1	1	1	1	2	3	4	3	2	4	2	3	1	1	1	1	1	1	1	1	1	2
21	1	1	1	1	1	1	1	1	6	6	2	1	1	1	2	1	1	1	1	1	1	1	1	1	2
22	1	1	1	1	1	1	1	1	3	4	4	5	8	9	11	9	8	9	9	9	9	8	8	7	5
23	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	1		1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

May 1999  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Indoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean	
	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	2	4	5	5	5	7	7	7	5	4	4	3	3	3	2	2	2	3
4	1	1	1	1	1	1	1	1	2	2	3	4	3	5	6	5	4	4	4	3	3	3	3	3	3
5	1	1	1	1	1	1	1	3	5	5	5	5	8	10	9	5	5	5	6	5	5	5	5	4	3
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	2	5	6	6	6	9	9	10	9	9	10	9	7	7	6	6	5	5
8	2	2	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2
9	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	2	5	5					7	6	7	7	7	7	7	7	8	7	6
13	7	6	5	5	4	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	3	4	4	4	5	6	6	5	4	3	3	3	3	3	3	3	3
18	1	1	1	1	1	1	1	1	4	5	2	2	2	4	4	5	5	6	5	5	5	5	5	4	3
19	2	2	2	2	2	1	2		10	10	10		10	10	11	9	8	7	6	6	5	5	5	4	6
20	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1		1	1	1	3	6	5	4	3	3	3	3	3	3	2	2	2	1	2	2	2	2	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	3						11	11	9	8	5	3	3	2	2	1	1	3
25	4	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1					1	1	1	1	1	1	1	1	1	1	1
27	2	2	1	1	1	2	2	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2
28	1	1	1	1	1	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
29	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	3	3	4	3	2
31	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

June 1999  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Indoor Monitor)  
 TEI Continuous Monitor

Hour Beginning (EST)		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Mean					
1	3	2	2	1	1	1	2	6	6	5	6	5	6	6	7	7	6	6	6	6	6	7	6	6	5	5					
2	4	4	3	3	3	2	2	6	8	8	7	5	7	6	4	4	4	5	5	5	6	6	6	6	6	5					
3	5	4	4	3	3	4	3	9	8	4	4	4	3	3	3	3	4	3	3	4	4	4	3	3	3	4					
4	3	2	2	2	1	2	4	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	3	3	2					
5	4	4	3	3	3	4	6	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4					
6	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	2					
7	3	3	2	2	2	2	3	<---- Suspected measurement interference ---->																							
8															4	3	1	1	1	1	1	1	1	1	2	2					
9	1	1	1	1	1	1	3	4	2	2	1	1	1	1	1	1	1	1	1	1	1	3	3	3	2	2					
10	3	3	2	2	2	2	1	2	1	2	2	2	3	4	4	3	3	3	2	2	2	2	2	1	1	2					
11	3	2	2	2	2	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2					
12	2	2	2	2	1	1	1	1	1	1	1	2	<---- Suspected measurement interference ---->																		
13																															
14																															
15																															
16																															
17																															
18																															
19																															
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27																															
28																															
29																															
30																															

### **Appendix B.3.**

Avon Grove Elementary School  
TEI Outdoor One-Hour Data Values for SO<sub>2</sub>

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

December 1998  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Sulfur Dioxide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Hour Beginning (EST)		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Mean	
1																											
2														Sampling starts ---->			15	15	9	6	7	9	7	8	9		
3	10	10	8	23	59	44	42	11	6	7	8	11	8	8	10	9	9	10	8	8	8	9	7	5	14		
4	5	4	3	3	3	3	4	5	4	6	7	8	9	11	9	9	17	14	9	9	10	13	13	23	8		
5	31	18	13	11	8	9	8	8	8	9	8	7	7	5	5	6	7	12	12	12	17	17	16	17	11		
6	15	11	2	2	2	4	3	5	3	5	7	6	5	4	3	6	11	8	9	7	5	3	3	2	5		
7	2	3	3	5	5	8	9	6	5	4	3	3	3	3	3	6	6	6	4	3	3	2	4	3	4		
8	3	3	3	1	1	2	3	3	3	3	7	8	10	5	4	4	5	4	2	1	3	2	3	3	4		
9	3	3	3	4	6	3	3	5	8	3	3	3	5	7	8	3	3	5	6	6	7	6	6	5	5		
10	4	4	4	4	5	5	7	8	14	16	19	18	26	26	20	14	11	11	14	14	12	13	12		12		
11	12	15	12	9	9	11	9	7	7	4	3	3	3	3	2	2	2	2	2	2	3	3	2	3	3	5	
12	3	4	5	3	3	1	3	4	5	4	4	5	4	7	12	23	24	22	22	15	12	10	8	8	9		
13	10	11	8	11	10	6	5	7	4	5	5	5	7	16	14	14	13	11	11	12	14	9	8	8	9		
14	6	5	3	2	2	1	1	1	1	1	1	1	1	1	1	2	3	4	3	3	2	3	5	8	3		
15	13	22	19	19	12	10	8	6	6	5	4	7	13	15	14	15	21	19	17	15	16	18	20	18	14		
16	15	14	13	13	8	7	12	18	17	17	22			24	20	15	12	9	11	11	6	7	3	4	13		
17	2	6	5	6	5	8	5	10	8	10	12	11	18	14	9	5	3	3	13	11	5	3	2	3	7		
18	4	5	6	8	7	8	10	4	3	3	2	3	3	4	3	6	6	11	10	9	5	5	5	5	6		
19	5	5	5	5	5	4	3	4	5	5	10	11	10	10	9	8	9	9	11	12	7	5	6	8	7		
20	9	6	8	7	7	7	11	18	18	19	16	14	12	12	11	10	11	11	10	12	17	24	16	9	12		
21	8	8	9	8	13	11	13	11	14	10	8	8	10	10	7	7	5	4	3	2	3	3	4	5	8		
22	6	5	5	5	4			3	3	4	8	7	7	7	7	11	7	3	2	2	3	3	3	2	5		
23	2	3	3	3	2	2	3	4	5		5	4	4	4	5	6	5	5	5	4	4	5	4	4	4		
24	4	4	4	6	8	9	9	8	9	13	12	10	14	19	19	16	10	10	14	20	12	11	7	7	11		
25	5	6	6	8	4	3	4	5	4	4	6	5	5	4	5	8	10	12	10	8	6	3	5	3	6		
26	1	1	1	1	1	1	1	1	1	1	3	10	9	8	8	10	16	18	15	11	11	12	11	10	7		
27	11	10	9	10	9	8	8	6	8	5	6	7	6	6	7	8	8	8	7	7	8	8	7	6	8		
28	6	6	6	5	3	4	4	1	6	7	9	12	12	15	20	21	19	20	20	17	19	12	10	10	11		
29	10	10	8	7	6	6	6	6	7	8	7	5	5	6	5	4	3	3	2	2	1	1	1	1	5		
30	4	9	7	9	7	5	4	3	3	3	2	3	3	3	2	2	2	3	3	3	2	1	2	2	4		
31	5	4	6	8	9	18	13	6	6	6	7	10	23	31	26	19	11	12	8	8	6	6	7	7	11		

Commonwealth of Pennsylvania  
Department of Environmental Protection  
Bureau of Air Quality

January 1999  
Site: Avon Grove Elem. School

One-Hour Data Values  
Sulfur Dioxide (parts per billion)

(Outdoor Monitor)  
TEI Continuous Monitor

Hour Beginning (EST)		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Mean
1		5	5	5	6	6	8	8	10	9	8	9	10	9	8	4	3	3	3	3	2	2	4	5	10	6
2		9	3	3	3	3	4	4	5	4	3	3	2	3	4	5	4	3	4	7	15	20	10	7	6	6
3		5	6	6	4	2	2	1	1	1	1	2	2	5	3	3	4	4	6	6	8	8	8	10	19	5
4		19	15	9	10	16	11	11	10	10	11	10	7	10	10	10	10	9	9	16	17	26	30	29	8	13
5		19	20	16	22	27	19	10	8	10	12	11	9	8	7	6	6	14	22	19	8	6	6	8	8	12
6		10	11	12	1	15	11	12	16	21	21	16	15		10	14	14	12	12	13	10	7	6	6	11	12
7		12	15	12	10	8	15	9	7	5	3	3	3	3	5	7	8	9	8	10	16	16	11	10	10	9
8		11	15	14	12	15	11	8	9	13	11	7	15	10	16	18	17	16	12	10	9	7	22	20	15	13
9		12	15	8	4	4	5	8	6	7	8	23	16	12	12	5	7	10	9	5	6	6	5	4	4	8
10		2	1	1	2	1	1	2	1	3	5	6	6	5	5	8	12	13	7	8	11	11	9	7	7	6
11		6	11	12	11	13	17	14	18	15	10	12	13	11	7	3	3	2	2	3	2	5	8	6	6	9
12		7	9	7	6	5	5	7	8	10	12			9	7	8	8	13	17	9	8	9	8	6	5	8
13		6	5	6	6	7	8	10	9	7	7	6	6	6	9	9	10	9	7	7	7	8	7	4	5	7
14		6	7	7	5	5	5	5	5	5	5	5	5	6	6	6	5	5	5	6	6	6	7	7	7	6
15		6	5	4	2	1	1	1	1	1	2	4	4	13	19	22	20	15	13	12	9	6	5	6	7	7
16		14	16	14	11	5	4	6	5	6	6	8	10	10	8	7	7	8	10	8	6	5	8	10	8	8
17		6	6	5	6	5	5	2	10	6	17	24	17	12	10	10	8	9	13	30	8	8	8	9	8	10
18		7	6	6	4	5	9	4	5	5	5	10	7	8	3			1	3	2	2	3	2	1	1	4
19		3	3	3	3	3	3	3	3	3	3		3	3	3	4	4	4	4	4	4	5	5	5	5	4
20		6	6	6	6	6	6	6	6	6	5	3	3	3	3	4	3	2	2	2	2	1	1	1	1	4
21		1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	2	1	2
22		1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1	1	2	2	2	1	1	1	1
23		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	9	9	9	5	4	3	2
24		3	2	2	2	2	2	1	1	1	1	1	1	2	3	3	4	3	3	2	2	2	1	1	1	2
25		1	1	1	1	1	4	4	5	5	6	5	5	5	5	4	3	3	3	5	6	6	5	5	6	4
26		7	7	10	14	13	6	4	3	2	3	3	5	5	5	6	4	3	2	3	5	5	6	6	5	5
27		4	1	1	1	1	1	1	1	1	1	20	26	9	6	5	5	5	5	5	6	6	6	8	2	5
28		3	3	1	3	1	1	1	1	1	3	12	11	7	8	10	12	13	10	15	12	10	7	6	5	6
29		4	2	1	2	2	2	2	2	2	2	4	4	3	3	4	6	5	5	4	3	5	2	1	1	3
30		2	3	1	1	2	3	3	3	3	5	6	4	4	2	2	3	3	6	5	4	2	1	1	1	3
31		2	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	4	10	10	10	6	13	11	9	4

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

February 1999  
 Site: Avon Grove Elem. School

One-Hour Data Values  
 Sulfur Dioxide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Hour Beginning (EST)		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Mean
Day		7	6	5	3	2	2	1	1	2	3	4	7	11	17	18	13	10	8	10	9	9	8	5	4	7
1		5	3	3	2	2	2	2	3	3	2	2	2	2	1	2	1	1	1	1	3	2	2	1	1	2
2		1	1	3	3	1	1	1	1	1	2	2	3	3	3	3	3	3	2	1	1	1	1	1	1	2
3		1	2	2	2	3	4	8	5	3	3	3	3	3	3	3	3	5	5	4	4	3	3	2	2	3
4		2	2	1	1	1	1	1	1	3	6	6	7	5	4	4	3	2	1	1	1	1	2	2	2	3
5		2	1	1	1	1	2	3	3	4	4	4	4	5	5	6	6	5	4	4	4	4	5	5	3	4
6		3	2	2	2	1	1	2	5	5	5	5	5	3	8	5	3	1	1	1	1	1	2	2	2	3
7		1	1	1	1	1	1	1	2	2	<---- Sampling ends															
8																										
9																										
10																										
11																										
12																										
13																										
14																										
15																										
16																										
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24																										
25																										
26																										
27																										
28																										



## **Appendix C.1.**

Meadow Wood Lane  
TEI Outdoor One-Hour Data Values for H<sub>2</sub>S

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

April 1998  
 Site: Meadow Wood Lane

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Hour Beginning (EST)		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Mean	
1																											
2																											
3																											
4																											
5																											
6																											
7																											
8																											
9																											
10																											
11																											
12																											
13															Sampling starts ---->	1	1	1	1	1	1	1	1	3	1	1	
14	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
15	1		1	1	1	1	7	3	2	3	3	2	2	1	2	2	1	1	1	1	1	1	6	14	9	3	
16	3		2	2	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	
17	2		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
18																											
19																											
20																											
21																											
22																											
23																2	1	1	2	1	1	1	1	1	1	1	
24	1		1	1	1	1	3	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
25	1		1	1	1	5	64	126	56	122	161	2	3	1	1	1	1	1	1	1	1	2	4	3	24		
26	3		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
27	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	2	1	1	
28	1		1	1	1	1	1	1						2	1	1	1	1	1	1	1	1	1	1	1	1	
29	1	16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
30	1	1	1	1	1	54	2	1	1	1	2	4	1	1	1	1	1	1	1	1	1	1	1	1	1	3	

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

May 1998  
 Site: Meadow Wood Lane

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean	
	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	1	1	1	1	1	1	2	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	2	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5
7	2	1	1	1	1	1	1	1	1	1	1	1			1	1	1	1	1	1	1	1	1	1	1
8	1		1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1		1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1		1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1	2	4
14	7		14	16	4	11	4	1	1	1	1	1	4	1	4	1	1	1	1	1	1	1	1	1	3
15	1		4	8	16	7	5	7	5	1	1	2	1	1	1	1	1	1	1	1	1	1	2	7	3
16	10		1	1	2	13	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	4	2	1	2
17	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	3		2	1	1	1	26	3	12	15	54	31	4	4	4	2	2	2	3	1	1	11	11	3	9
19	1		1	1	1	2	1	2	4	2	4	2	2	1	1	1	1	1	1	1	2	4	1	14	2
20	2		1	2	2	2	1	2	2	1	1	2	1	5	1	1	1	1	2	2	1	1	1	1	2
21	1		1	1	5	4	4	2	1	1	4			4	4	2	4	2	2	1	1	1	1	1	2
22	2	5	17	8	2	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
23	1	1	1	1	1	1	4	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	5	1	1
24	1	8	2	2	51	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	2	1	2	4	20	13	162	5	1	41	121	16	1	1	1	1	1	1	1	1	17
27	1	1	1	1	2	4	1	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	4	4	5	7	4	1	74	52	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	2	2	1	1	10	14	14	79	1	71	1	1	1	1	1	1	1	1	2	1	1	1	9
31	4	4	4	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

June 1998  
 Site: Meadow Wood Lane

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Hour Beginning (EST)		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Mean
1																						2	8	7	5	
2	4	14	10	2	8	5	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
3	1	1	1	1	1	1	4	2	1	1	1	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	2	1	2	2	10	4	4	1	16				23	4	1	1	1	1	1	4	4	5	4	4
5	2		1	1	15	13	17	2	1	3	2	1	3	6	15	15	11	11	5	1	1	1	3	4	4	6
6	4		1	1	1	3	6	7	7	3	9	4	1	3	1	1	1	2	1	5	4	1	1	1	1	3
7	2		1	3	4	10	6	4	2	1	1															
8										3	3	11	60	242	17	1	1	1	1	2	6	2	2	2	3	
9	2	2	1	1	1	3	4	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	5	6	3	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	3	1	1	1
12	1	1	1	1	1	1	1	1	2	4	1	1	1	1	1	1	1	1	1	2	4	4	2	4	2	2
13	2	2	2	4	2	1	2	4	2	1	1	2	1	1	1	1	1	4	1	1	1	1	1	1	1	2
14	1	2	1	7	8	4			1	1	1	1	1	1	1	1	1	1	1	1	4	4	2	1	2	2
15	2	4	5	7	16	8	4	4	1	1	4	4	4	2	1	1	1	1	1	1	1	1	1	1	1	3
16	1	1	1	1	1	1	4	8	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
17	1	2	1	1	1	11	10	2	2	7	4	4	4	2	5	4	1	1	1	1	1	1	1	1	1	3
18	1	1	4	2	1	1	1	109	150	76	8	2				4	4	2	2	4	4	5	4	10	10	18
19	1	5	9	5	3	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
20	2	1	1	2	1	2	1	4	4	2	1	2	1	2	4	2	4	13	2	7	13	5	4	5	4	4
21	4	4	5	10	4	23	4	1	1	1	1	1	1	1	1	1	1	1	1	4	4	4	4	2	1	3
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	4	4	2	4	1	2
24	1	1	2	2	1	1	1	8	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2
25	2	1	5	26	52	62	19	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8
26	1	1	1	1	1	1	1	2	4	1	1	1	80	4	1	1	1	1	1	1	1	1	1	1	1	5
27	1	4	1	1	5	1	1	4	5	1	1	2	1	1	1	1	1	1	1	1	1	2	5	4	2	2
28	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							1

Commonwealth of Pennsylvania  
Department of Environmental Protection  
Bureau of Air Quality

July 1998  
Site: Meadow Wood Lane

One-Hour Data Values  
Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
TEI Continuous Monitor

Hour Beginning (EST)		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Mean	
1												5	168	4	4	5	5	4	4	4	4	4	5	11	7		
2		4	2	2	3	5	16	7	11	1	1	1	1	1	1	1	1	1	1	1	1	2	1	11	12	4	
3		13	6	9	9	6	3	54	9	1	1	2	1	1	1	1	1	1	1	1	1	3	14	16	7	7	
4		12	7	7	3	17	32	41	5	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	6	
5		1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	3	1	1
6		3	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7		1	1	1	2	4	17	4	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	2
8		1	1	1	1	1	2	3	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
9		1	1	1	1	1	2	11	6	4	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
10		1	2	1	2	2	4	4	2	2	1	1	13	4	4	2	2	1	1	1	1	1	1	1	1	1	2
11		1	4	4	2	7	11	10	5	5	4	38	20	133	4	2	2	2	7	11	1	14	16	8	4	13	
12		4	24	8	9	2	4	10	1	1	1	1	1	1	1	1	1	1	1	1	1	9	8	5	14	5	
13		10	3	4	12	6	5	17	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	
14		1	1	1	1	1	1	1	1	1	1	1		2	2	1	2	2	1	2	1	2	2	2	2	2	1
15		1	1	1	1	1	1	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
16		1	1	3	1	1	1	3	9	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
17		2	2	2	2	3	5	9	12	4	9	1	1	2	1	1	1	1	2	2	1	1	2	2	2	3	
18		1	1	1	1	1	1	2	1	3	8	10	1	64	2	1	1	1	1	2	1	1	1	1	1	1	5
19		6	1	6	6	7	29	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
20		1	1	2	4	2	2	1	1	1	1	2	2	4	4	4	2	1	1	1	1	1	2	2	2	4	2
21		4	2	1	4	1	1	26	5	30	8	26	5	1	1	1	1	1									
22											5	5	4	4	5	5	5	4	4	2	1	4	4	4	1		
23		1	2	4	4	4	4	11	4	4	4	5	4	2	2	4	1	2	4	2	1	1	1	1	1	1	3
24		2	2	2	2	4	5	4	4	5	1	1	2	1	1	2	4	4	5	5	17	1	1	4	7	4	
25		2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	5	7	7	2	
26		7	4	2	1	1	2	65	2	1	1	1	1	1	1	1	1	1	1	1	1	5	5	7	4	5	
27		5	2	4	7	5	20	76	4	1	1	1	1	1		4	4	2	2	2	2	2	4	2	4	7	
28		1	1	1	1	2	22	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
29		1	1	1	1	1	1	1	22	9	20	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
30		2	4	2	1	2	4	2	8	24	1	1	2	1	1	1	1	1	1	1	2	1	2	1	2	3	
31		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Commonwealth of Pennsylvania  
Department of Environmental Protection  
Bureau of Air Quality

August 1998  
Site: Meadow Wood Lane

One-Hour Data Values  
Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean		
	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	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	10	11	1	4	4	2	
2	4	30	7	2	2	4	24	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	4	4	
3	4	4	4	2	1	27	26	43	7	2	2	1	1	1	4	2	1	4	1	4	1	1	2	2	6	
4	7	4	8	20	7	30	21	2	1	1	1	1	1	1	1	1	1	1	1	2	1	2	7	13	6	
5	9	6	3	2	6	84	24	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	5	5	7	
6	4	7	4	4	4	4	4	2	2	1	1	1	1	1	1	1	1	4	4	4	4	2	4	4	3	
7	4	7	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	2	2	4	1	
9	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	1	1	2	1	
10	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1		2									
11										7	4	4	4	4	4	4	4	4	4	4	4	2	4	4	2	
12	2	2	2	2	2	2	6	3	1	2	4	3	4	2	2	1	1	1	1	2	2	6	6	2	3	
13	1	1	1	1	1	1	1	2	2	1	50	1	1	1	1	1	1	1	1	1	1	1	1	2	3	
14	4	4	4	4	4	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
15	1	2	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	2	1	1	1	4	1	
16	2	4	4	1	2	1	4	4	2	4	4	4	2	1	1	1	1	1	1	1	5	7	4	4	3	
17	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	5	1	4	2	3	4	6	4	2	
18	4	4	4	12	8	9	3	5	4	2	2	8	1	1	1	2	1	1	2	2	2	1	1	1	3	
19	2	1	1	1	3	2	607	120	2	1	1	1	1	1	1	1	1	1	1	2	4	9	4	5	32	
20	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	8	9	6	2	
21	10	10	5	23	10	4	1	2	5	1	2	1	2	2	2	1	1	1	1	1	1	2	5	4	4	
22	4	4	5	4	4	4	5	1	1	2	2	1	2	8	4	1	1	1	1	1	2	4	4	4	3	
23	4	4	4	4	4	4	4	11	4	7	8	2	4	1	1	1	1	1	1	1	1	1	1	1	3	
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
25	1	1	1	10	8	8	2	1	1	5	10	1	4	5	2	1	1	1	1	1	1	1	1	1	3	
26	1	1	1	1	1	1	1	1	1	1	1	1	1	20	120	2	4	2	1	4	2	4	4	4	8	
27	2	1	1	1	1	1	1	1			4	2	1	1	2	4	2	1	1	1	2	2	2	2	2	
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	1	
29	7	4	4	5	11	11	48	17	1	1	1	2	2	2	5	5	8	16	10	4	19	10	5	7	9	
30	1	1	1	6	9	6	18	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3	
31	1	2	1	1	2	15	42	53												<---- Datalogger failure ---->						

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

September 1998  
 Site: Meadow Wood Lane

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Hour Beginning (EST)		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Mean						
1																																
2																																
3																																
4												<---- Datalogger failure ---->																				
5																																
6																																
7																																
8																																
9														4	4	4	4	4	4	4	5	4	2	2	2							
10	4	4	4	4	5	7	5	14				215	216	364	224	5	4	4	4	4	4	10	7	5	4	51						
11	4	1	1	1	1	1	3	4	8	4	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	2						
12	1	1	1	1	1	1	1	7	2	6	1	3	4	2	4	3	1	1	1	1	40	9	3	13	9	5						
13	25	13	10	12	9	2	2	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4						
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
16	1	1	1	2	2	2	1	1	4	2	71	140	16	51	19	4	4	2	2	2	2	2	2	4	2	14						
17	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1						
19	1	1	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	5	4	4	4	7	2							
20	5	10	5	4	20	10	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	3						
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	5	7	4	2	10	11	3							
24	16	5	4	52	45	27	13	2			1	1	1	1	1	1	1	1	1	1	1	3	2	1	8							
25	1	1	1	1	1	1	1	4	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
26	2	2	2	5	2	4	14	5	4	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2						
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	1	1	1	1	1	1						
28	1	1	1	1	4	4	13	1	1	1	5	5	2	2	1	1	1	1	2	1	1	1	1	1	5	2						
29	2	2	4	4	4	14	8	5	2	1	46	7	51	10	1	1	1	1	1	1	1	4	1	1	1	7						
30	1	4	4	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

October 1998  
 Site: Meadow Wood Lane

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean	
	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	1	1	1	1	1	1	1	1	1	2	4	4	2	2	1	1	1	1	1	1	7	4	1	2	2
2	7	1	1	2	7	5	28	7	2	2	4	4	3	1	1	2	1	2	2	2	4	5	3	3	4
3	4	2	2	5	5	11	87	39	3	1	1	5	2	1	1	1	1	1	1	1	1	1	1	1	7
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	4	7	4	1	10	2
6	13	11	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	1	1	1
8	1	1	1	1	1	1	1	1			6	5	5	5	5	5	5	5	5	4	5	5	4	5	3
9	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
10	3	5	5	4	4	2	7	6	11	16	16	5	5	5	5	5	5	5	5	5	4	5	7	6	6
11	1	1	1	1	1	4	7	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	9	1	1	5	11	4	2	4	3	1	3	1	3	1	4	5	5	3	2	3	2	3	1	2	3
13	1	1	1	1	1	1	2	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	8	2	2	1	1	2	2	1	1	1	1	2	1	1	1	1	1	1	2
15	1	2	4	2	1	1	2	1	1	2	2	2	7	4	2	1	2	1	5	5	7	2	4	4	3
16	1	3	1	1	3	11	6	1	1	1	1	1	13	115	41	38	25	1	1	1	1	1	1	6	11
17	5	2	3	8	8	5	7	12	1	1	1	1	1	1	1	1	1	1	1	3	94	12	4	4	7
18	4	3	6	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
19	1	1	1	1	1	1	6	19	2	3	1	1	2	6	1	1	1	1	1	1	1	2	1	1	2
20	4	1	2	4	4	2	4	4			4	4	4	4	4	4	4	4	4	4	4	2	2	2	3
21	1	1	1	1	1	1	1	1	1	38	221	224	147	32	61	1	1	1	1	6	6	1	2	4	31
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	2	2	2	2	4	2	2	2	2	2	4	2	2	2	2	2	2	2	1	1	1	2	2	2	2
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	2	4	2	2	2	17	46	4	2	2	2	2	2	2	2	2	4	2	2	2	4	8	4	2	5
26	5	2	2	1	1	2	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	3	4	4	4	4	4	5	4	4	3	3	1	1	1	1	1	1	1	1	1	2	2	4	4	3
29	1	4	4	2	2	10	45	2	4	2	1	1	1	2	1	1	1	1	1	1	1	5	5	4	4
30	3	1	2	2	2	4	12	5	5	7	6	4	3	3	1	1	1	4	2	2	10	3	1	4	4
31	6	5	3	2	2	3	5	6	3	3	5	4	4	4	2	2	3	1	1	6	7	3	4	6	4



Commonwealth of Pennsylvania  
Department of Environmental Protection  
Bureau of Air Quality

November 1998  
Site: Meadow Wood Lane

One-Hour Data Values  
Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean	
	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	1	1	1	1	1	1	2	26	10	7	1	1	1	1	1	1	1	1	1	1	1	1	1	3	
2	3	2	3	2	1	1	3	7	6	5	4	3	2	4	5	4	3	2	3	9	9	7	3	4	4
3	2	2	1	1	1	4	2	11	8	1	1	14	2	32	1	60	1	2	4	4	4	2	2	1	7
4	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	4	2	2	2	2	2	2
5	2	2	4	2	2	2	2	5	8				4	4	4	4	4	7	5	5	5	5	5	4	4
6	1	1	1	1	1	1	1	3	6	7	2	1	2	4	4	2	2	4	1	1	1	1	1	1	2
7	2	2	2	2	2	3	5	9	9	8	17	43	154	239	7	8	8	8	4	6	5	4	5	4	23
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	4	4	4	4	4	5	5	23	4	4	4	5	8	10	7	8	5	7	5	4	8	8	13	10	7
10	7	17	10	10	4	5	14	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	6
11	2	4	2	2	1	19	2	2	20	1	1	4	4	4	4	4	4	4	4	4	4	4	8	5	5
12	5	2	4	3	2	3	2	5	6	8	7	4	5	4	4	9	7	7	4	2	2	1	1	1	4
13	4	4	4	4	5	6	11	11	13	8	11	13	8	4	6	6	10	14	12	9	6	8	4	4	8
14	3	12	2	2	5	6	2	9	38	3	1	6	10	11	10	7	7	7	7	2	2	4	6	5	7
15	4	4	4	4	4	4	4	17	4	5	4	4	4	4	5	5	5	4	4	4	4	4	4	9	5
16	5	4	3	3	3	3	4	8	16	8	10	10	10	10	10	13	16	20	8	4	4	4	4	4	8
17	4	4	7	8	4	6	7	6	4	5	58	23	46	102	7	10	10	10	9	10	10	8	7	7	15
18	2	2	2	2	2	2	2	8	2	2	2	2	2	4	4	2	2	2	2	7	13	7	13	19	5
19	14	2	9	7	4	3	9	5	14			2	2	1	1	1	1	1	1	2	2	2	2	1	4
20	3		3	4	6	9	6			5	4	3	2	3	3	5	7	4	3	5	7				4
21																									
22																									
23																									
24										1	1	5	1	1	1	1	1	1	1	1	1	1	1	1	2
25	6	4	3	1	1	25	8	3	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	3	2	4	1	1	2	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	106	1	1	1	1	1	1	1	1	1	1	1	5
29	1	1	1	1	1	1	1	3	39	20	1	1	1	1	1	1	1	1	1	3	11	6	1	15	5
30	5	19	7	5	8	4	4	2	1	1	1	1	1	1	1	1	1	1	7	2	1	1	1	1	3

Commonwealth of Pennsylvania  
Department of Environmental Protection  
Bureau of Air Quality

December 1998  
Site: Meadow Wood Lane

One-Hour Data Values  
Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean	
	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	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	13	11		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	355	146	1	1	1	1	1	1	1	1
5	1	1	1	3	2	2	2	5	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2
6	1	1	1	1	10	7	12	18	16	22	3	1	1	1	1	1	1	1	1	9	1	17	6	1	6
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	3	4	2	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	2	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	2	3	11	4	2	2	4	2	1	1	1	1	3	6	2
10	1	1	1	1	1	1	1	1	35	11	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3
11	1	1	1	1	1	1	1	1	1	2	2	2	1	2	1	1	2	5	1	1	4	10	2	1	2
12	8	7	2	4	7	7	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
13	1	1	1	1	1	1	1	1	5	4	4	1	1	1	1	1	1	1	1	2	1	1	1	1	1
14	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
15	1	1	4	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	5	1	2	1	1	2	68	8	7		1	2	4	13	4	4	1	1	1	5	5	5	7	5	7
17	11	17	7	5	4	13	7	1	1	1	1	2	2	1	2	4	1	1	1	1	1	1	1	1	4
18	1	1	1	1	1	1	1	2	2	7	1	4	1	2	1	2	2	1	1	2	7	7	2	1	2
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	2	1	2	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1																				
23										1	1	1	5	2	43	2	2	4	2	2	1	1	1	1	
24	1	1	1	1	1	1	5	1	5	4	4	5	5	4	4	4	4	1	1	1	1	1	2	4	3
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4	1	13	2
26	4	7	8	21	12	3	5	9	2	6	15	2	2	1	1	1	1	1	1	4	1	1	1	1	5
27	1	1	1	1	4	4	5	7	13	48	14	2	1	1	1	1	1	2	2	2	1	1	1	1	5
28	1	1	1	2	4	4	4	7	8	4	2	2	1	1	1	1	2	2	1	1	1	1	1	1	2
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	2	3	3	3	4	3	1	1	1	1	1	1	1	2	1	1	1	1	2
31	1	1	1	2	1	2	1	1	1	1	1	1	2	2	2	1	1	1	3	3	1	1	1	2	1

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

January 1999  
 Site: Meadow Wood Lane

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Hour Beginning (EST)	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Mean
1	2	1	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	1	2	3	1	1	1	1	2
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	2	2	1	2	4	3	4	7	6	4	4	3	4	4	3	3	3	2	2	3
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	3	3	6	5	4	3	1	1	3	3	1	3	1	1	1	2	1	1	1	2
6	1	1	1	4	1	4	1	1	2			3	2	2	1	2	2	2	2	2	2	2	1	1	2
7	1	1	1	1	1	1	1	3	2	6	4	2	2	1	2	3	2	1	2	1	1	2	2	1	2
8	1	1	1	1	1	1	1	1	2	1	3	2	1	1	1	1	1	1	1	1	2	2	1	1	1
9	2	2	2	2	2	1	2	3	3	3	3	3	3	3	5	5	5	5	5	5	5	5	4	4	3
10	3	3	2	2	3	2	2	11	23	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	3
11	1	1	1	1	1	1	1	1	7	6	7	1	1	1	1	13	40	12	2	4	1	1	1	1	4
12	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	4	13	1	1	1	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	5	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	4	4	6	4	6	8	5	3	1	1	1	1	1	1	3	3	4	4	4	1	3
18	1	1	1	2	4	3	3	3	3	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2
19	4	4	2	2	1	2	7	4	1	2	4	4	4	2	2	4	4	4	2	1	4	2	2	2	3
20	1	3	3	1	1	1	1	14	5	4	4	5	3	24	1	2	1	1	1	1	4	13	9	17	5
21	18	15	9	5	9	10	12	4	3	4	3	3	2	2	2	2	3	3	2	1	1	2	1	2	5
22	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	6	4	4	4	4	4	4	3	3	2	2	2	3	2	2	2
25	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	6	1	1	1	1	1	1	1	1	1	1	1	1	1	7	3	8	2
27	2	15	8	7	29	17	7	4	3	3	6	3	2	1	1	1	1	1	1	2	3	2	2	5	5
28	8	12	9	5	14	8	7	39	38	22		3	1	2	2	2	2	2	2	2	2	2	2	2	8
29	3	4	4	3	4	4	1	2	4	3	1	1	1	3	2	1	1	1	6	7	4	13	6	4	3
30	4	3	5	3	1	3	4	4	10	4	2	4	4	3	4	3	2	2	9	1	1	1	1	1	3
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	5	3	2	1	1

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

February 1999  
 Site: Meadow Wood Lane

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean		
	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	4	1	1	1	1	1	2	3	8	1	1	1	1	1	1	1	1	1	1	1	1	2	4	4	2	
2	3	2	1	2	2	4	4	3	2	3	3	2	3	2	1	1	1	1	1	1	2	2	1	1	2	
3	1	1	1	2	3	3	5	22	7	9	4	4	2	6	8	7	3	2	1	5	3	34	31	26	8	
4	24	7	3	5	2	2	2	2	2	2	1	1	1	1	3	2	3	2	1	2	2	2	2	1	3	
5	4	2	2	1	1	1	7	11	5	2	3	4	2	3	2	1	3	5	4	1	1	3	1	5	3	
6	4	10	13	13	5	2	1	1	1	2	1	1	1	1	1	3	2	4	2	1	1	1	4	4	3	
7	3	1	3	5	8	10	12	4	14	6	2	2	1	1	2	4	4	4	1	1	1	1	1	1	4	
8	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	4	3	3	3	1	3	4	3	2	2	
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8	1	1	1	1	1	
10	1	1	1	3	1	4	6	2	2	3	5	3	3	4	3	2	3	5	9	8	4	4	12	10	4	
11	11	8	7	10	15	11	60	14	15	4	2	2	1	1	1	1	2	3	4	3	3	4	4	2	8	
12	1	1	1	9	9	4	3	1	1	1	1	1	1	1	1	1	1	5	4	3	3	3	4	3	3	
13	3	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	3	2	3	2	2	2	2	2	2	
14	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1	3	1	1	4	1	
15	3	4	4	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	2	
16	18	12	4	4	4	11	9	20	11	13	7	2	1	1	2	1	1	1	1	1	1	1	4	8	6	
17	12	4	10	3	1	8	5	1	1			5	5	7	5	5	5	4	4	2	4	4	4	4	5	
18	2	2	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	
20	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	2	2	2	1	4	4	4	3	1	2	
21	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
23	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
25							2	2	1	1	1	2	2	2	2	2	4	5	5	5	5	4	4	4	5	3
26	4	3	3	4	4	5	4	5	4	3	4	2	2	3	3	3	4	4	1	6	4	5	1	5	4	
27	4	1	1	1	1	1	25	28	1	6	6	5	2	1	6	4	1	1	1	1	1	1	1	2	4	
28	2	1	1	1	1	2	1	2	2																	

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

March 1999  
 Site: Meadow Wood Lane

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Hour Beginning (EST)		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Mean
1									2	2	4	4	4	4	4	2	2	2	2	4	4	2	2	2	2	
2	2	2	2	1	2	1	2	4	2	2	4	5	4	4	4	4	2	2	4	4	2	10	13	21	14	5
3	12	5	5	3	3	4	4	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
4	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	2	3	2	3	3	3	3	2	3	2
5	1	1	1	1	1	2	2	1	1	1	2	1	1	1	1	1	2	5	12	8	8	4	2	2	2	3
6	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
7	4	6	4	5	3	2	2	4	5	6	4	3	3	3	3	3	2	2	3	3	3	3	1	1	1	3
8	1	1	1	1	1	1	1	2	1	2	7	3	1	1	1	1	1	1	1	1	2	2	1	1	1	2
9	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1		3	1	2	2	1	1	2	2	3	3	2	1	1	1	1	1
11	1	1	1	1	3	2	3	3	6	7	6	4	6	2	3	3	2	2	1	1	1	1	1	1	1	3
12	1	1	1	1	1	1	1	3	2	2	3	2	3	2	1	1	2	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	4	1	1	1	1	31	14	281	258	1	64	2	2	3	4	1	1	1	1	28
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1
15												2	3	2	2	2	2	3	3	5	5	4	3	2		
16	1	1	1	1	1	1	3	4	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	5	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	2	3	4	3	4	4	4	4	4	5	5	4	3	3	3	3	3
19	2	2	2	3	4	4	4	3	6	5	4	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3
20	3	7	4	5	5	4	4	3	1	2	3	1	2	3	2	4	2	3	5	1	11	15	24	17	5	
21	54	9	7	3	1	1	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	4
22	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	3	4	5	4	3	2	1	1	1	1	1	2	1	1	1	1	3	2	2	2	4	2
25	2	1	1	1	1	6	2	1	1		4	4	4	4	4	2	3	3	3	5	2	1	1	1	1	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	15	2
27	12	15	6	2	3	2	3	2	1	1	1	1	1	1	1	1	1	1	1	6	14	1	1	1	1	3
28	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	9	1	4	10	15	1	2
29	1	5	5	3	4	3	4	39	3	5	6	4	4	3	3	3	4	4	4	5	4	4	3	4	3	5
30	2	2	1	2	1	16	1	5	5	4	5	4	3	3	3	3	3	5	4	3	1	1	3	25	4	4
31	2	2	4	1	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

April 1999  
 Site: Meadow Wood Lane

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean	
	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	1	1	1	3	2	1	4	7	3	1	1	1	1	1	1	1	1	1	1	2	4	2	1	1	2
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1
3	1	2	2	2	1	1	2	4	2	1	1	1	1	1	1	1	2	4	4	4	3	4	4	4	2
4	2	1	1	1	1	4	1	2	2	2	2	3	2	3	1	1	1	1	1	1	1	1	1	1	2
5	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1	1
6	2	2	4	10	14	28	20	21	2	1	1	1	1		1	1	2	1	2	4	4	3	3	3	6
7	1	1	1	1	1	7	6		1	6	2	1	1	2	1	1	1	1	1	1	1	2	15	1	2
8	11	5	2	1	1	1	2	1		4	4	3	4	4	5	2	2	2	2	1	4	6	7	8	4
9	2	1	2	1	1	1	5	2	3	2	2	2	2	1	1	1	1	1							2
10																									
11																									
12												7	5	4	5	2	2	4	2	1	1	1	1	4	
13	3	4	3	5	3	4	4	4	3	4	3	2	6	4	3	3	3	4	4	4	5	7	5	3	4
14	4	2	3	3	2	4	7	4	4	4	4	3	3	3	4	4	4	5	5	4	5	6	1	3	4
15	1	3	3	10	8	6	4	11	9	5	2	2	1	1	1	1	2	2	1	1	1	1	2	4	3
16	2	2	4	4	2	3	4	4	4	3	2	2	3	1	2	8	3	6	7	16	7	4	10	9	5
17	3	2	1	2	2	1	3	1	1	1	2	2	2	2	4	3	4	5	7	4	2	2	1	1	3
18	2	3	2	1	1	2	3	4	4	3	4	6	4	2	3	3	3	4	5	4	2	1	3	3	3
19	1	1	1	1	2	29	142	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	8
20	5	7	6	4	4	4	4	5	4	3	4	1	1	1	2	3	3	4	7	5	3	4	3	2	4
21	1	2	3	7	4	11	5	28	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4
22	2	2	2	1	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2
23	1	1	2	2	1	1	1	1	2	4	1	1	3	5	4	3	2	1	1	1	1	1	1	1	2
24	1	1	1	1	1	3	5	1	2	2	3	3	3	3	4	4	4	4	4	5	5	3	1	9	3
25	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	6	1	3	6	3	2	2	1	1	1	1	1	4	1	1	2	1	1	2
27	1	1	1	3	2	4	2	1		2	1	1	2	3	1	1	1	1	1	1	2	2	3	4	2
28	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	5	3	2	6	3	4	6	3	1	1	1	1	1	1	1	1	1	1	1	3	3	3	5	5	3
30	2	1	1	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

May 1999  
 Site: Meadow Wood Lane

One-Hour Data Values  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 TEI Continuous Monitor

Day	Hour Beginning (EST)																							Daily Mean					
	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1				
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	2	5	1				
3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
4	1	2	3	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	3	3	3	5	5	2				
5	3	2	4	4	9	17	8	14	1	1	1	2	1	1	1	1	1	1	1	1	2	3	3	4	4				
6	5	5	5	5	5	5	5	3	3	4	3	3	4	4	4	3	3	3	2	1	1	2	2	2	3				
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
8	1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	2	2	1	2	5	2	3	7	2				
9	6	2	1	1	2	3	4	3	2	3	3	2	2	2	3	3	3	3	4	4	4	3	3	4	3				
10	3	2	2	4	7	20	5	6	3	3	4	3	3	4	3	3	3	3	4	4	4	2	4	4	4				
11	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
12	2	4	4	4	4	4	4	4			3	2	3	4	2	1	2	1	1	1	3	6	3	4	3				
13	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1				
14	1	1	2	1	3	2	1	2	1	2	2	1	1	1	1	2	2	2	2	3	2	3	5	8	2				
15	7	4	7	4	3	3	3	3	3	3	2	2	2	1	2	2	2	2	2	3	3	3	6	8	3				
16	6	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1				
17	4	4	4	3	3	4	3	2	3	3	2	1	3	2	1	1	2	2	2	2	3	3	3	5	3				
18	5	4	7	4	3	4	2	3	3	3	2	1	1	1	1	1	3	2	2	2	1	1	2	2	2				
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	6	2	1	1				
21	4	5	6	2	4	4	29	1	1	1	1	1	1	1	1	3	3	2	1	1	1	2	3	2	3				
22	7	17	6	5	2	28	20	16	4	2	1	1	1	2	1	1	1	1	2	2	1	2	2	2	5				
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1				
24	4	2	3	6	3	3	2	3	2			2	2	1	<---- Sensor malfunction after power failure ---->														
25																													
26																													
27																													
28																													
29																													
30																													
31																													

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## **Appendix C.2.**

Meadow Wood Lane  
SPM Indoor One-Hour Data Values for H<sub>2</sub>S

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

June 1998  
 Site: Meadow Wood Lane

One-Hour Averages  
 Hydrogen Sulfide (parts per billion)

(Indoor Monitor)  
 SPM Tape Sampler - 53-1500 range

Hour Beginning (EST)		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Day 1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12														Sampling starts. ---->	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	0	0	0	0	0	0	0	0	0	2	94	10	0	0	0	0	0	0	0	0	0	0	0	0	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

July 1998  
 Site: Meadow Wood Lane

One-Hour Averages  
 Hydrogen Sulfide (parts per billion)

(Indoor Monitor)  
 SPM Tape Sampler - 53-1500 range

Day	Hour Beginning (EST)																							
	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	0	0	0	0	0	0	0	0			0	122	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	25	90	14	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

August 1998  
 Site: Meadow Wood Lane

One-Hour Averages  
 Hydrogen Sulfide (parts per billion)

(Indoor Monitor)  
 SPM Tape Sampler - 53-1500 range

Hour Beginning (EST)	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	22	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	91	417	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

September 1998  
 Site: Meadow Wood Lane

One-Hour Averages  
 Hydrogen Sulfide (parts per billion)

(Indoor Monitor)  
 SPM Tape Sampler - 53-1500 range

Hour Beginning (EST)																								
Day	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	21	6	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	85	148	226	153	14	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	22	0	0	4	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	6	0	24	5	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

October 1998  
 Site: Meadow Wood Lane

One-Hour Averages  
 Hydrogen Sulfide (parts per billion)

(Indoor Monitor)  
 SPM Tape Sampler - 53-1500 range

Hour Beginning (EST)		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Day 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	82	47	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	39	2	12	2	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	14	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	10	77	152	110	23	25	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	<---- Sampling Ends.															
30																									
31																									

**Appendix D.**

Holly Drive  
SPM Outdoor One-Hour Data Values for H<sub>2</sub>S

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

April 1998  
 Site: Holly Drive

One-Hour Averages  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 SPM Tape Sampler - 53 to 1500 range

Hour Beginning (EST)		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Day 1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9													Sampling starts ---->	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

May 1998  
 Site: Holly Drive

One-Hour Averages  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 SPM Tape Sampler - 53 to 1500 range

Hour Beginning (EST)	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	7	36	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	10	4	3	3	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	9	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

June 1998  
 Site: Holly Drive

One-Hour Averages  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 SPM Tape Sampler - 53 to 1500 range

Hour Beginning (EST)	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	0	0	0	2	0	0											0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	5	0	0	0	0	0	0	0	0	0	0	9	7	0	11	0	0	5	0	0	0
4	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	7	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	5	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

July 1998  
 Site: Holly Drive

One-Hour Averages  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 SPM Tape Sampler - 53 to 1500 range

Hour Beginning (EST)	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	12	19	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	408	368	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	6	2
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

August 1998  
 Site: Holly Drive

One-Hour Averages  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 SPM Tape Sampler - 53 to 1500 range

Hour Beginning (EST)	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	3	0	0	16	22	0	0	3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	11	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	10	30	0	37	12	4	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	5	4	0	8	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
17	0	0	5	0	0	0	4	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	10	0	9	0	1	4	0	0	0	0	0	0	0	0
20	0	0	0	0	0	17	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	2	8	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	31	33	7	0	7	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	2	4	3	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	2	2	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	2	175	0	0	0	0	0	9	31	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	15	46	0	0	0	0	2	13	14	0	0	0	0	0	0	0	0

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

September 1998  
 Site: Holly Drive

One-Hour Averages  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 SPM Tape Sampler - 53 to 1500 range

Hour Beginning (EST)	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	0	0	0	0	0	0	0	0	0	2	2	0	6	3	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	5	0	1	1	6	8	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	1	2	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	15	5	0	0	0	0	0	9		0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	8	5	0	0	2	19	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

October 1998  
 Site: Holly Drive

One-Hour Averages  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 SPM Tape Sampler - 53 to 1500 range

Hour Beginning (EST)	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	0	0	0	0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	26	3	21	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	4	<---- Sampling ends													
30																								
31																								

## **Appendix E.1.**

Kemblesville Elementary School  
SPM Outdoor One-Hour Data Values for H<sub>2</sub>S

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

April 1998  
 Site: Kemblesville Elementary

One-Hour Averages  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 SPM Tape Sampler - 2 to 90 range

Hour Beginning (EST)		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Day 1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									



Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

May 1998  
 Site: Kemblesville Elementary

One-Hour Averages  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 SPM Tape Sampler - 2 to 90 range

Hour Beginning (EST)		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Day 1																									
2																									
3																									
4																									
5																									
6												3.3	2.7	1.8	0										
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18														1.8	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	1.1	0	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0.9	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0.8	1	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	1.2	3.2	3.5	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	1.3	1.6	1.4	0	0	0	0	0	0	0	1.2	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	1.2	0	0	0.9	4.6	0	0	1.5	0	0	3.2	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.4	3.3	
31	4.7	4.7	4.2	4.7	4.2	3.2	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

June 1998  
 Site: Kemblesville Elementary

One-Hour Averages  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 SPM Tape Sampler - 2 to 90 range

Hour Beginning (EST)		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23						
Day 1	0	0	0	0	0	0	0	0	0	0	1.1	1.2	1.2	0	1.1	1.6	1.1	1.7	1.6	1.6	2.2	2.3	1.7	1.1	1.2						
2	0	3.5	3.5	3.7	4	4.1	4.2	3.2	2.8	1.8	0.9	0	1.2	0	0	0	0	0	0	0	0	0	0	0	0						
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
4	0	0	0	0	0	0	0	0	0	0	2.5	1.2	0	0	0	0	0	0	0	0	0	0	1.1	0	1.1						
5	1.6	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	1.3	0	0	0	0	0	0	0	0	0						
6	0	0	0	0	0	0	0	0	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.1						
7	0	0	0	0	0	0	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
8	0	0	0	0	0	0	0	0	1.2	1.7	1.1	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0						
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
10	0	0	0	0	0	0.8	1.2	0	0	1.3	3.3	3.8	0	0	0	0	0	0	0	0	0	0	0	0	0						
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.8	1.1	0	0						
12	0	0	0	0	0	1.2	4.4	4.4	5.7	4.9	4.3	<--- Sampling ends. Monitor moved to Meadow Wood Lane.																			
13																															
14																															
15																															
16																															
17																															
18																															
19																															
20																															
21																															
22																															
23																															
24																															
25																															
26																															
27																															
28																															
29																															
30																															



Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

September 1998  
 Site: Kemblesville Elementary

One-Hour Averages  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 SPM Tape Sampler - 2 to 90 range

Hour Beginning (EST)	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	1.7	2	1.8	0	1.2	0	1.3	4.2	3.1	0	0	0	0	0	0	0	0	0	1.8	0	1.2	0	0	0
2	1.2	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	1.2	1.2	1.8	1.7	1.1	3	0.9	0	0	0	0	0	0	0	0	1.3	0	1.8	0	1.2
4	0	3.2	3.9	3.9	5	4.3	5.3	5.3	3.6	3.7	3.1	0	0	0	0	0	0	0	0	0	0	0	1.2	0
5	0	0	0	0	0	0	1.8	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	1.4	0	0	0	0	0	0	1.6	0.9	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	1.4	1	4.1	1.8	0	0	0	0	0	1.3	0	1.2	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	1.4	1.2	0	1.3	1.3	0	0	1.2	0	0	0	0	0	0	0	0	1.2
16	0	0	0	0	0	0	0	1.6	0	0	2.1	0	0	0	0	0	0	0	0.8	1.1	0	0	2.5	0
17	0	1.2	0	1.2	2.1	3.8	2.6	2	1.7	1.7	2		2.6	1.9	2.6	2.5	3.2	3.4	2.5	1.7	1.3	2	1.8	1.6
18	0.9	2.4	2.1	1.8	3.4	1.8	3.9	2.6	4.2	4	4.1	3.7	3.4	1.3	1.7	1.2	1.8	1.8	2.2	3.6	1.2	0	0	0
19	0	0	0	0	2.6	3.9	3.7	4.1	3.7	0	0	0	0	0	0	0	0	2.9	1.6	1.4	0	2.4	1.8	2
20	1.9	1.7	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0.9	1.8	1.7	0.9	1.1	1.3	1.4	0	0	0	0	1.2	1.8	1.8	1.2	0	0	0	0	0
22	0	0	0	0	0	0	1.2	1.3	0	0	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	2.1	0	0	1.6	1.6	1.2	0	0	1.3	0	0	0	0	0	0	1.2	0	0
24	0	1.4	2.2	1.8	3.3	2.3	2.3	6.2	3.8	0		0	0	0	0	0	0	0	0	1.3	0	1.2	0	0
25	0	0	0	0	0	0	1.6	3.3	1.2	2.1	3.4	3.3	1.8	0	0	0	0	0	1.4	0	0	0	0	0
26	0	0	1.8	0	1.3	1.3	0	3	4.1	3.4	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	1.2	0	1.2	0	0	0	1.9	0	0	0	0	0	0	0
29	0	0	1.2	1.2	0	1.7	2.7	3	4	3.6	2	1.9	0	0	0	0	0	0	0	0	0	0	0	0
30	0	1.1	1	0	0	0	0	1.3	2.8	2.6	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0

Commonwealth of Pennsylvania  
Department of Environmental Protection  
Bureau of Air Quality

October 1998  
Site: Kemblesville Elementary

One-Hour Averages  
Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
SPM Tape Sampler - 2 to 90 range

Hour Beginning (EST)																								
Day	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	0	0	0	0	0	0	0	2.5	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	1.6	1.5	0
3	0	0	0	0	0	0	0	0	2.9	1.4	1.3	1.4	0	0	0	0	0	0	0	1.7	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	1.3	0	1.3	3.7	1.8	1.8	0.8	1.3	0	0	0	0	0	0	1.1	0.9	0
6	0	1.6	1.4	1.7	2.5	3.5	2.8	3.1	1.5	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	1.4	3.2	3.5	3.5	3.9	2	0	0	0	0	0	0	1.3	2.5	1.2	1.2	3.2
8	0.7	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	1.3	0	1.8	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	2.6	2.7	1.3	1.3	0	0	0	0	0	0	1.3	1.9	3.4	1.9	0	0	0	0
13	0	1.2	0	0	0	0	3.1	2	2.5	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	1.5	1.8	2.5	2.8	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	1.3	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	1.2	0	0	0	0	0	0	0	0	0	0	0	1.6	1.4	2	2.2	1.8
17	1.5	1.3	0	0	0	0	1	1.8	1.3	3.3	2.1	0	0	0	0	0	0	0	0	1.2	0	0	1.9	1.3
18	0	0	1.3	1.9	2.8	3.5	4	4.3	4	2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	2.7	0.8	0	1.2	0	0	1.4	0	0	0	0	0	0	0	0	0	1.4
20	0	0	0	0	0	0	1.1	2.2	0	0	2	1.3	0	0	1.4	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	1.9	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	1.3	1.5	1	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.7	3.9	1.8	2.8	1.8	2.3
26	2.1	1.9	0	0	0	1.6	1.8	4.1	5.2	2.5	0	1.3	0	1.2	1.3	1.8	2.2	1.8	1.1	1.4	0	0	0	0
27	0	0	0	0	0	0	0	2.2	1.3	0	0	0	1.3	0	0	0	0	1.2	0	0	0	0	0	0
28	0	0	0	0	0	2	0	1.8	3.5	3.6	2.1	1.4	0	0	0	1.3	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	1	1.7	0	0		0.8	0	0	1.3	0	0	0	0	0	0	0	1.4
30	1.1	0.9	0	0	0	0	0	0	1.2	0	1.5	3.5	0	0	0	0	0	0	0	0	0	2.6	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.5	0.9	1.7	0	0	0	2.7

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

November 1998  
 Site: Kemblesville Elementary

One-Hour Averages  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 SPM Tape Sampler - 2 to 90 range

Hour Beginning (EST)		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Day	0	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	1.3	0	0	1.4	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	1.6	0.9	1.6	1.4	0	0	0	0	0	0	0	0	1.3	1.3	0	0
3	0	0	0	0	0	0	0	0	0	1.2	1.3	<---- Sampling ends.													
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									

**Appendix E.2.**

Kemblesville Elementary School  
Jerome 621 Outdoor Maximum H<sub>2</sub>S Reading by Hour

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

April 1998  
 Site: Kemblesville Elementary

Maximum Single Reading During the Hour  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 Jerome Monitor - 0 to 500 range

Hour Beginning (EST)		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																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29	0	0	0	0	0	0	0	0	11	0	0	16	0	0	0	3	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0



Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

May 1998  
 Site: Kemblesville Elementary

Maximum Single Reading During the Hour  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 Jerome Monitor - 0 to 500 range

Day	Hour Beginning (EST)																												
	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
4	0	0	0	0	0	0	1	0	1	1	0	0	0	0	6	0	0	0	0	0	0	0	0	0					
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
11	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
14	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1				
16	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
18	0	0	0	0	0	0	0	1	0	0	0	0	<----Sampling resumes with SPM sampler.																
19																													
20																													
21																													
22																													
23																													
24																													
25																													
26																													
27																													
28																													
29																													
30																													
31																													

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**Appendix F.**

West Grove  
SPM Outdoor One-Hour Data Values for H<sub>2</sub>S

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

June 1998  
 Site: West Grove

One-Hour Averages  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 SPM Tape Sampler - 53 to 1500 range

Hour Beginning (EST)		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Day 1																									
2																									
3																									
4																									
5									Sampling starts. ---->				0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	3	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	13	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72	41	36	28	13
15	12	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	34	0	0	6	40	12	10
16	8	0	10	0	8	0	38	0	23	9	7	0	0	2	0	0	0	0	0	2	0	0	16	6	0
17	0	0	0	5	5	120	122	0	3	0	0	0	2	7	2	0	0	0	0	3	4	99	18	0	49
18	0	0	0	0	0	22	26	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	3	17	0	0	0	0	0	0	0	0	0	22	0	10	0	23
20	12	18	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	8	0	0
21	0	6	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	378	136	74	63	0
25	150	34	98	0	0	0	42	9	39		0	0	0	0	0	0	0	0	0	0	0	64	5	23	189
26	208	14	11	93	0	22	19	26	73	13	0	0	10	0	0	22	6	0	15	16	27	36	29	39	
27	66	71	58	56	59	150	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
29																									
30																									

<---- Equipment failure 6/28/98 through 7/1/98. ---->

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

July 1998  
 Site: West Grove

One-Hour Averages  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 SPM Tape Sampler - 53 to 1500 range

Hour Beginning (EST)																								
Day	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											0	0	0	0	0	0	0	0	0	0	0	32	0	0
2	14	0	39	10	53	5	53	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	14	0
3	0	0	31	0	0	0	38	3	0	0	0	0	0	0	0	0	0	0	5	7	42	0	0	0
4	3	0	5	46	30	21	24	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	3	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	6
8	6	6	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0		0	0	3	0	0	0	0	0	0	136	75	8	60	66
10	83	25	0	20	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	0	38	0	14
12	0	0	0	0	22	66	0	0	0	0	0	0	0	0	0	0	0	0	0	20	24	38	64	7
13	0	17	7	0	0	0	9	3	0	5	0	0	0	0	0	0	0	0	0	39	35	0	0	0
14	6	17	23	21	120	3	16	0	0		0	0	0	0	0	0	0	0	0	0	25	92	84	57
15	53	56	4	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	39	123	36	28	68
16	19	0	0	0	21	15	0	0	0	0	0	0	0	0	0	0	0	7	28	36	45	56	0	12
17	29	21	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	49	0	2	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	5	26
20	1	2	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	7	9	0	0	0
21	0	0	0	0	15	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0
22	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	6	10	43	7	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Commonwealth of Pennsylvania  
 Department of Environmental Protection  
 Bureau of Air Quality

August 1998  
 Site: West Grove

One-Hour Averages  
 Hydrogen Sulfide (parts per billion)

(Outdoor Monitor)  
 SPM Tape Sampler - 53 to 1500 range

Hour Beginning (EST)	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23							
Day 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
5	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
6	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0							
7	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0							
13	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0							
14	6	9	9	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2							
15	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	15	43	0	0							
16	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0							
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
19	0	0	0	0	0	0	7	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0							
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0							
21	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	18	11	14	0	0	0							
22	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	13							
23	14	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11	2	51	35	31	0							
25	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	38	5	0	0	0							
26	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	16	11	0	0	0	0							
27	0	0	0	0	0	0	0	0	0	<--- Sampling ended. Moved monitor to Kemblesville.																					
28																															
29																															
30																															
31																															

## **Appendix G.**

Meteorological Measurements of Wind Speed and Wind Direction

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

APRIL 1998

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND DIRECTION (VECTOR)  
Units: degrees, compass  
Collection Method: INSTRUMENTAL  
Analysis Method: VECTOR SUMMATION

DAY	HOUR BEGINNING -----																							DAILY MEAN
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	39.	83.	108.	60.	53.	46.	58.	64.	68.	90.	72.	77.	89.	68.	60.	53.	324.	353.	338.	353.	354.	352.	334.	339.
10	342.	340.	326.	331.	347.	357.	...	...	...	...	...	310.	306.	309.	304.	307.	318.	315.	313.	308.	325.	334.	354.	349.
11	350.	342.	348.	335.	326.	331.	333.	328.	342.	316.	316.	335.	308.	318.	299.	299.	307.	313.	288.	292.	277.	152.	159.	148.
12	102.	6.	326.	334.	351.	3.	345.	20.	29.	43.	39.	7.	345.	315.	300.	294.	300.	294.	155.	159.	165.	173.	193.	242.
13	269.	276.	142.	111.	133.	304.	305.	261.	299.	321.	331.	318.	298.	25.	227.	261.	268.	228.	209.	192.	202.	200.	180.	202.
14	193.	174.	174.	171.	159.	155.	160.	167.	177.	189.	196.	163.	169.	216.	206.	217.	200.	185.	198.	195.	175.	187.	175.	183.
15	233.	250.	271.	264.	261.	267.	270.	277.	280.	292.	296.	299.	299.	300.	304.	306.	313.	343.	42.	69.	92.	106.	105.	93.
16	49.	60.	37.	53.	96.	89.	89.	85.	125.	142.	133.	146.	151.	168.	170.	169.	175.	183.	173.	159.	139.	148.	145.	154.
17	164.	175.	191.	205.	212.	206.	189.	180.	175.	178.	186.	212.	226.	196.	201.	210.	275.	320.	262.	268.	299.	304.	311.	318.
18	317.	325.	326.	324.	306.	270.	266.	292.	297.	323.	328.	323.	302.	303.	306.	286.	263.	234.	240.	233.	231.	225.	230.	213.
19	131.	137.	129.	117.	122.	145.	331.	42.	52.	64.	89.	100.	100.	99.	102.	102.	99.	77.	47.	331.	11.	16.	351.	20.
20	270.	272.	275.	269.	252.	239.	267.	290.	304.	305.	317.	324.	324.	319.	325.	326.	327.	324.	318.	302.	327.	324.	328.	323.
21	286.	59.	296.	304.	290.	286.	317.	312.	259.	307.	306.	296.	334.	326.	306.	307.	312.	294.	257.	220.	226.	238.	260.	261.
22	166.	228.	319.	1.	358.	159.	343.	161.	120.	120.	134.	142.	128.	135.	117.	160.	164.	166.	163.	140.	299.	336.	5.	9.
23	346.	28.	10.	311.	357.	102.	136.	87.	284.	305.	9.	331.	287.	291.	294.	344.	7.	332.	39.	251.	233.	220.	241.	300.
24	40.	57.	284.	267.	157.	153.	189.	291.	308.	301.	303.	290.	288.	292.	269.	272.	269.	249.	223.	205.	222.	244.	255.	267.
25	276.	282.	285.	289.	301.	313.	317.	310.	308.	312.	311.	311.	303.	296.	298.	308.	308.	320.	278.	245.	246.	229.	172.	2.
26	346.	39.	37.	44.	38.	48.	37.	46.	41.	25.	56.	61.	77.	50.	23.	27.	36.	35.	5.	42.	46.	40.	21.	0.
27	357.	349.	334.	330.	330.	333.	353.	359.	351.	353.	336.	343.	339.	334.	353.	340.	328.	342.	351.	356.	343.	8.	3.	347.
28	332.	330.	326.	320.	326.	328.	324.	326.	336.	333.	344.	326.	323.	329.	326.	315.	325.	304.	282.	285.	250.	263.	257.	259.
29	256.	264.	266.	272.	262.	244.	235.	238.	231.	212.	215.	210.	218.	219.	218.	212.	195.	213.	211.	192.	180.	191.	189.	189.
30	181.	180.	196.	234.	259.	238.	249.	284.	272.	267.	297.	338.	324.	54.	141.	168.	191.	189.	186.	204.	190.	169.	120.	148.

Number of valid hours: 533

Monthly mean: n/a

Missing data = "..."



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

APRIL 1998

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND SPEED (SCALAR)  
Units: miles/hour  
Collection Method: INSTRUMENTAL  
Analysis Method: ELECTRONIC OR MACHINE AVG.

DAY	HOUR BEGINNING -----																							DAILY MEAN		
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.1
9	7.3	6.7	6.6	6.5	7.1	6.6	7.7	10.5	7.7	8.1	8.7	10.5	10.0	10.2	10.7	10.9	6.6	8.4	8.5	9.0	8.9	8.4	8.8	8.0	8.4	
10	7.4	6.7	7.5	7.6	5.8	4.1	...	...	...	...	...	6.2	7.2	8.2	9.1	9.8	8.0	7.5	5.6	4.2	5.2	5.0	4.9	4.6	6.6	
11	3.7	4.1	4.1	4.3	5.2	3.8	4.3	5.7	5.1	6.4	7.1	6.1	5.9	6.0	7.1	6.1	5.9	5.1	2.7	2.9	0.7	2.6	2.9	1.6	4.6	
12	1.5	1.3	1.5	2.5	2.7	3.0	3.1	4.3	6.2	7.9	5.1	4.3	4.9	6.1	7.8	5.8	5.3	4.3	6.3	7.8	5.1	2.5	2.0	2.2	4.3	
13	1.9	1.7	2.3	1.5	2.6	1.2	1.3	2.3	3.0	2.5	3.0	3.8	3.8	3.4	3.4	3.5	2.9	2.5	3.7	2.3	2.6	2.1	2.5	3.3	2.6	
14	2.4	3.6	3.6	2.5	4.0	3.8	4.7	4.2	4.8	5.0	5.5	5.8	6.3	7.1	7.3	5.9	3.6	3.5	4.2	3.5	2.9	2.7	2.4	2.1	4.2	
15	3.1	3.9	2.9	3.1	2.5	3.8	5.6	6.1	7.3	10.3	8.3	8.1	8.2	8.1	6.9	7.4	4.4	2.5	1.6	1.4	1.8	1.2	2.1	2.7	4.7	
16	2.3	3.0	2.9	3.2	3.3	3.7	2.2	5.0	7.6	7.3	8.0	8.7	8.2	6.1	5.7	6.9	6.8	6.4	6.5	7.0	5.2	5.9	5.6	5.9	5.6	
17	6.3	5.1	5.8	6.6	9.4	8.7	7.0	8.3	10.4	7.6	3.7	6.8	8.0	6.7	7.4	6.5	4.6	4.8	1.2	2.2	7.6	7.0	9.9	9.4	6.7	
18	8.7	7.5	5.8	3.0	2.0	2.4	2.4	2.5	4.4	7.5	6.7	6.3	5.5	4.5	4.7	4.4	4.0	3.4	3.7	3.2	3.2	4.9	3.0	1.3	4.4	
19	0.9	1.3	2.0	3.2	4.1	3.6	2.5	2.9	3.9	4.1	4.9	8.4	8.2	10.2	10.5	9.2	8.1	5.4	4.9	4.7	6.6	3.3	1.7	1.3	4.8	
20	1.2	2.2	2.8	1.5	3.7	3.0	3.9	4.6	9.8	10.8	12.0	12.4	12.4	12.5	9.6	7.8	6.4	3.8	3.2	0.6	0.5	1.6	1.5	1.4	5.4	
21	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.8	2.6	3.6	4.0	3.5	3.9	4.2	3.7	3.2	1.7	1.0	0.5	1.7	0.7	1.5	0.7	1.7	
22	1.2	0.8	0.3	0.3	0.3	0.5	0.3	1.0	2.0	2.7	4.7	5.0	6.3	5.6	4.9	9.5	7.8	5.4	1.0	0.2	0.3	0.3	0.3	0.3	2.5	
23	0.3	0.8	1.2	0.3	0.3	2.4	2.0	0.8	0.7	0.7	1.1	1.2	3.7	5.6	6.3	6.5	0.4	0.9	1.8	0.8	3.9	1.0	3.1	2.4	2.0	
24	1.0	1.1	0.3	0.5	0.3	0.3	1.1	1.7	4.6	5.1	5.4	5.7	7.1	6.5	6.8	7.0	6.8	6.5	3.2	3.4	3.9	5.8	6.0	4.9	3.9	
25	4.0	3.7	4.8	3.8	5.5	6.9	8.4	9.2	11.0	11.9	10.6	9.0	8.6	8.6	9.6	8.4	6.4	3.2	0.5	1.2	0.8	0.5	0.2	0.6	5.7	
26	1.3	4.4	4.3	4.9	5.5	4.9	3.5	3.9	3.7	3.2	5.6	5.0	6.3	4.6	6.4	8.3	8.9	8.1	7.5	5.7	6.5	6.0	5.2	4.9	5.3	
27	4.0	3.6	3.5	4.3	5.7	5.4	5.2	6.2	5.7	7.8	9.2	7.9	8.0	8.4	8.6	8.0	7.1	6.5	3.3	1.7	0.4	1.0	2.3	1.7	5.2	
28	3.9	5.1	4.3	3.6	4.8	4.3	4.9	6.3	7.0	7.0	7.3	6.2	5.9	5.8	6.8	6.1	4.1	2.9	2.0	1.3	1.3	0.9	1.9	2.5	4.4	
29	3.6	2.3	1.5	0.5	2.7	4.9	6.1	5.8	6.2	5.4	5.8	6.5	6.5	7.2	5.7	6.2	5.8	6.3	4.4	1.7	2.2	2.3	2.0	1.7	4.3	
30	1.9	0.7	0.4	0.3	0.3	0.4	2.4	0.6	0.5	0.5	0.9	1.7	2.2	2.9	1.7	2.7	2.5	2.4	2.4	2.9	0.7	0.4	0.3	0.6	1.3	

Number of valid hours: 533

Monthly mean: 4.4

Missing data = "..."

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

MAY 1998

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND DIRECTION (VECTOR)  
Units: degrees, compass  
Collection Method: INSTRUMENTAL  
Analysis Method: VECTOR SUMMATION

DAY	HOUR BEGINNING -----																							DAILY MEAN
00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
1	173.	173.	150.	121.	136.	139.	126.	126.	151.	146.	149.	142.	157.	128.	90.	104.	74.	66.	65.	83.	66.	47.	46.	347.
2	30.	43.	3.	170.	86.	8.	223.	143.	142.	154.	165.	145.	141.	141.	155.	196.	205.	222.	303.	180.	225.	240.	260.	274.
3	272.	263.	229.	214.	221.	221.	216.	228.	212.	216.	226.	246.	257.	257.	216.	224.	217.	180.	148.	136.	155.	175.	165.	349.
4	247.	227.	122.	81.	83.	129.	124.	142.	145.	139.	140.	186.	172.	147.	148.	141.	145.	149.	150.	141.	138.	119.	95.	79.
5	79.	106.	136.	135.	122.	127.	120.	113.	87.	107.	105.	115.	122.	105.	111.	130.	136.	143.	148.	115.	94.	116.	95.	95.
6	72.	80.	93.	51.	31.	28.	46.	42.	55.	70.	106.	104.	103.	92.	86.	104.	165.	129.	64.	25.	13.	274.	276.	337.
7	350.	24.	27.	73.	66.	159.	28.	85.	129.	103.	103.	145.	131.	133.	138.	142.	156.	165.	157.	150.	125.	137.	134.	112.
8	105.	111.	124.	111.	114.	105.	102.	105.	102.	100.	73.	80.	79.	61.	52.	52.	57.	55.	66.	58.	53.	50.	39.	40.
9	30.	30.	29.	27.	16.	23.	25.	29.	22.	7.	12.	0.	358.	2.	2.	9.	9.	7.	2.	1.	4.	13.	8.	8.
10	353.	355.	7.	356.	351.	346.	5.	27.	36.	51.	37.	48.	60.	68.	71.	59.	60.	64.	61.	53.	50.	48.	43.	46.
11	51.	42.	39.	40.	35.	29.	47.	50.	55.	55.	58.	60.	73.	77.	67.	78.	71.	53.	54.	44.	46.	47.	32.	28.
12	16.	32.	45.	53.	50.	51.	47.	44.	45.	43.	49.	54.	51.	55.	52.	54.	56.	57.	67.	62.	58.	53.	56.	52.
13	47.	40.	35.	23.	40.	46.	42.	37.	26.	354.	50.	46.	30.	39.	30.	20.	51.	80.	117.	119.	139.	114.	92.	129.
14	58.	348.	356.	339.	337.	331.	17.	44.	36.	7.	8.	18.	350.	1.	55.	85.	72.	76.	118.	169.	158.	166.	161.	164.
15	214.	238.	226.	223.	254.	272.	264.	319.	334.	348.	4.	349.	7.	1.	25.	28.	342.	219.	227.	238.	262.	183.	153.	154.
16	357.	321.	307.	305.	317.	320.	335.	328.	15.	28.	324.	304.	321.	354.	32.	304.	235.	155.	145.	146.	117.	109.	113.	123.
17	128.	69.	50.	32.	56.	35.	28.	27.	35.	25.	27.	26.	49.	8.	56.	74.	130.	134.	133.	164.	146.	158.	127.	312.
18	351.	300.	277.	290.	307.	300.	318.	323.	324.	333.	320.	312.	319.	307.	295.	307.	309.	285.	262.	227.	237.	267.	287.	284.
19	298.	302.	297.	308.	287.	280.	291.	294.	300.	305.	309.	305.	298.	302.	293.	299.	295.	276.	267.	254.	258.	262.	9.	338.
20	295.	301.	305.	309.	311.	325.	98.	320.	306.	301.	322.	310.	305.	293.	292.	286.	280.	271.	261.	258.	281.	282.	278.	282.
21	295.	318.	276.	275.	299.	286.	264.	267.	324.	347.	308.	296.	282.	267.	292.	306.	310.	316.	310.	320.	334.	332.	329.	331.
22	324.	325.	323.	316.	325.	323.	330.	334.	325.	331.	324.	323.	321.	317.	324.	323.	322.	322.	325.	336.	13.	18.	2.	334.
23	323.	333.	337.	320.	275.	297.	303.	337.	339.	16.	334.	329.	297.	312.	317.	307.	294.	289.	265.	255.	264.	285.	310.	325.
24	328.	329.	289.	320.	317.	358.	307.	339.	27.	354.	153.	240.	222.	247.	268.	281.	193.	214.	218.	219.	207.	206.	204.	173.
25	181.	171.	148.	158.	161.	163.	167.	194.	199.	222.	263.	286.	307.	315.	315.	282.	262.	223.	199.	242.	264.	256.	324.	325.
26	324.	273.	203.	240.	300.	294.	305.	309.	315.	318.	317.	319.	323.	318.	317.	326.	324.	302.	260.	249.	250.	256.	264.	260.
27	289.	273.	314.	319.	340.	1.	47.	144.	130.	153.	162.	182.	187.	182.	193.	182.	201.	178.	192.	204.	211.	210.	239.	267.
28	293.	296.	301.	279.	326.	336.	349.	334.	186.	180.	180.	205.	176.	211.	208.	229.	216.	204.	202.	204.	204.	196.	214.	186.
29	218.	223.	187.	207.	221.	221.	229.	237.	239.	224.	211.	184.	207.	206.	203.	203.	207.	216.	205.	265.	73.	171.	225.	241.
30	266.	324.	265.	307.	281.	302.	313.	316.	324.	339.	9.	42.	250.	245.	286.	310.	333.	120.	195.	198.	176.	144.	159.	159.
31	146.	151.	157.	159.	166.	166.	171.	185.	185.	209.	199.	195.	215.	186.	207.	201.	204.	201.	203.	210.	211.	211.	214.	...

Number of valid hours: 743

Monthly mean: n/a

Missing data = "..."

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

MAY 1998

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND SPEED (SCALAR)  
Units: miles/hour  
Collection Method: INSTRUMENTAL  
Analysis Method: ELECTRONIC OR MACHINE AVG.

DAY	HOUR BEGINNING -----																							DAILY	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MEAN
1	1.3	0.8	0.5	1.2	1.3	0.5	0.9	2.0	1.7	3.9	4.9	6.0	5.1	5.1	5.8	5.4	5.8	4.9	4.3	4.4	3.1	1.5	5.3	1.0	3.2
2	2.9	2.1	0.3	0.2	0.2	0.2	0.3	2.3	3.6	4.0	2.9	4.3	5.5	4.8	3.5	4.0	3.3	3.5	1.5	0.5	2.0	3.8	4.6	2.0	2.6
3	2.7	1.1	1.7	2.5	2.9	1.6	1.9	3.3	3.2	4.5	4.7	3.9	4.4	4.1	3.6	2.9	2.3	2.3	1.5	2.3	4.4	2.4	2.3	1.0	2.8
4	2.4	0.5	0.3	0.4	0.3	1.3	1.2	3.7	4.6	4.4	5.0	3.0	3.6	5.2	6.1	6.4	5.8	5.3	6.4	8.3	7.3	5.5	5.0	4.1	4.0
5	3.6	4.4	5.7	4.4	5.0	4.6	3.8	3.9	3.2	5.4	7.5	6.3	10.0	7.5	9.6	10.2	9.5	7.7	4.8	5.1	5.1	5.1	3.7	3.1	5.8
6	2.9	2.5	2.3	2.1	2.5	1.7	2.3	2.1	2.9	3.5	2.9	2.5	4.3	5.8	6.1	4.6	0.4	1.8	1.3	1.1	1.1	0.9	1.3	0.6	2.5
7	1.5	2.4	2.1	1.3	2.7	1.1	1.0	3.2	3.1	3.5	3.7	3.9	4.3	5.1	5.7	6.9	6.3	7.3	5.4	5.4	5.5	6.3	4.8	4.4	4.0
8	5.0	5.5	6.0	6.5	6.3	6.1	6.0	6.9	7.7	8.5	6.7	7.4	7.1	7.5	8.7	7.2	6.7	7.0	8.4	8.8	8.9	9.0	7.1	7.5	7.2
9	6.7	6.8	7.5	7.6	6.8	8.6	8.2	7.8	8.2	8.3	9.3	9.5	9.2	8.6	9.4	10.6	9.7	9.4	9.1	8.5	7.6	7.3	6.5	5.4	8.2
10	4.9	5.1	5.9	4.7	4.1	2.8	2.0	2.5	3.6	5.3	2.6	5.7	5.0	5.4	5.1	4.8	4.9	5.5	5.5	3.0	3.9	5.1	5.1	6.2	4.5
11	6.5	5.8	5.6	5.4	4.4	3.5	5.8	5.8	7.9	7.5	7.0	6.5	5.5	4.9	4.8	3.7	3.7	3.4	6.1	5.3	6.8	6.8	5.3	4.3	5.5
12	3.4	4.5	5.1	8.9	9.5	8.9	9.3	9.2	9.1	8.6	10.6	8.6	9.4	9.0	6.9	6.8	7.2	5.8	4.1	4.6	3.3	3.8	5.4	5.1	7.0
13	3.6	3.4	2.9	2.0	4.3	5.1	8.0	6.6	5.7	4.2	4.5	3.7	3.8	4.6	5.0	4.5	4.5	5.0	5.2	2.8	0.8	0.3	1.2	2.5	3.9
14	0.9	1.2	0.9	1.3	2.7	2.1	1.5	2.6	4.6	4.4	4.9	3.9	3.6	3.4	3.1	3.0	2.6	2.3	2.1	3.2	5.0	3.2	1.5	1.3	2.7
15	0.5	0.4	0.4	0.5	0.5	1.4	2.2	2.7	3.5	4.0	5.1	5.3	4.7	4.5	3.9	3.1	1.3	0.3	1.3	2.6	0.2	0.2	0.2	0.3	2.0
16	0.3	1.3	0.5	0.3	0.7	0.8	1.8	2.2	2.3	1.2	2.2	2.9	3.4	3.4	2.8	1.4	1.5	2.7	6.3	5.0	3.7	1.2	3.0	3.2	2.3
17	1.6	2.2	2.3	1.6	3.1	4.1	5.3	4.4	3.9	2.6	3.4	2.9	4.1	3.1	3.2	3.4	4.2	4.6	2.9	1.4	2.9	4.5	2.3	0.8	3.1
18	1.1	0.3	0.3	0.8	1.0	1.5	2.4	5.5	5.8	4.4	4.3	4.2	4.9	5.5	4.7	4.8	4.0	1.9	2.2	2.0	1.2	0.3	0.3	0.6	2.7
19	1.5	2.5	1.6	0.8	0.2	0.4	2.8	4.5	6.6	7.7	9.1	9.4	7.7	7.7	6.5	5.2	5.1	3.6	1.8	2.2	1.3	2.1	0.5	0.2	3.8
20	0.2	0.7	2.8	1.6	2.6	2.5	0.8	1.2	4.3	5.4	4.4	5.3	4.9	4.0	4.4	5.0	5.0	4.7	3.5	3.1	2.5	3.1	2.2	2.0	3.2
21	2.3	1.4	0.2	0.2	0.2	0.2	1.0	2.0	2.7	4.1	5.0	4.5	3.8	5.5	6.1	8.2	9.5	7.7	6.1	8.2	8.4	6.6	6.7	4.2	4.2
22	3.7	3.6	3.7	3.1	3.7	4.9	5.1	6.7	7.8	8.3	7.9	7.8	6.9	6.6	6.8	6.6	6.3	7.2	4.2	1.9	3.2	4.0	2.7	1.2	5.2
23	1.3	3.4	3.9	2.0	0.7	0.5	1.1	2.4	2.6	2.8	3.0	4.0	4.2	4.1	4.1	4.2	3.6	2.6	2.7	4.4	3.5	1.6	1.3	1.4	2.7
24	1.1	0.3	0.6	0.5	0.3	0.8	0.9	1.7	3.2	1.2	2.1	3.7	4.2	3.0	1.9	1.0	2.5	5.1	4.8	2.9	2.2	2.0	2.3	1.5	2.1
25	1.7	2.3	1.0	1.1	3.4	3.5	3.4	3.3	2.1	2.5	3.9	2.9	3.3	4.9	4.6	2.8	2.1	2.8	1.5	0.9	2.2	2.0	0.3	1.6	2.5
26	1.8	0.8	0.9	0.5	0.3	1.0	2.2	6.4	5.8	5.9	5.8	6.1	7.0	6.6	5.3	4.7	3.8	1.8	1.1	3.0	4.1	3.9	2.4	1.7	3.5
27	0.5	0.3	0.3	0.2	0.4	0.4	0.9	1.4	2.4	4.4	3.5	5.0	4.4	3.4	3.0	3.4	2.8	2.2	1.7	1.1	1.4	1.7	1.4	0.9	2.0
28	0.2	0.2	0.2	0.2	0.5	0.3	0.2	0.2	1.1	3.4	3.7	3.1	4.6	4.5	4.9	5.3	4.6	3.3	2.8	3.4	2.6	1.4	1.9	1.3	2.2
29	1.9	3.3	1.1	2.0	3.4	3.0	3.7	4.4	5.1	3.7	4.2	4.0	5.3	4.9	5.4	5.9	5.0	5.2	2.5	5.5	3.3	2.4	1.4	1.4	3.7
30	0.4	0.3	0.5	1.0	0.8	1.2	1.7	2.0	2.7	2.5	2.8	2.5	1.9	1.8	2.3	2.4	1.0	0.5	1.3	0.4	0.8	2.4	1.7	1.2	1.5
31	2.4	2.2	2.0	2.8	2.1	1.3	1.8	4.0	5.1	6.6	7.2	8.2	9.2	7.4	9.5	8.5	9.0	7.4	6.9	7.1	7.1	6.1	6.4	...	5.7

Number of valid hours: 743

Monthly mean: 3.7

Missing data = "..."

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

JUNE 1998

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND DIRECTION (VECTOR)  
Units: degrees, compass  
Collection Method: INSTRUMENTAL  
Analysis Method: VECTOR SUMMATION

DAY	HOUR BEGINNING -----																							DAILY MEAN	
00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	163.	171.	184.	192.	172.	186.	174.	175.	169.	169.	170.	176.	171.	196.	221.	...
3	287.	304.	302.	304.	308.	313.	307.	314.	315.	309.	305.	304.	303.	305.	313.	311.	311.	310.	306.	259.	245.	271.	286.	292.	...
4	297.	301.	317.	326.	298.	296.	319.	...	...	308.	291.	283.	287.	291.	278.	286.	281.	292.	283.	312.	284.	327.	325.	...	
5	329.	336.	331.	328.	325.	299.	323.	328.	327.	312.	313.	306.	306.	305.	301.	299.	292.	289.	274.	282.	298.	301.	310.	...	
6	313.	319.	307.	306.	304.	304.	309.	317.	311.	309.	301.	315.	317.	313.	301.	304.	312.	313.	322.	321.	310.	285.	291.	299.	
7	319.	318.	319.	312.	308.	301.	298.	296.	300.	307.	289.	292.	299.	280.	274.	271.	279.	282.	286.	292.	301.	293.	307.	291.	
8	284.	280.	287.	292.	295.	298.	290.	304.	315.	306.	305.	309.	317.	318.	317.	319.	319.	320.	324.	326.	322.	287.	243.	260.	
9	267.	290.	292.	308.	320.	300.	309.	310.	333.	313.	358.	268.	249.	233.	248.	241.	206.	206.	206.	184.	246.	242.	237.	240.	
10	227.	124.	95.	95.	114.	52.	121.	144.	155.	145.	124.	138.	146.	124.	144.	151.	154.	159.	154.	152.	144.	143.	127.	121.	
11	121.	133.	105.	101.	97.	79.	116.	117.	119.	131.	133.	149.	152.	159.	154.	148.	136.	118.	129.	154.	150.	136.	136.	141.	
12	144.	142.	150.	155.	133.	139.	144.	131.	75.	126.	143.	145.	152.	159.	156.	137.	146.	135.	127.	120.	26.	134.	137.	157.	
13	139.	143.	39.	56.	61.	123.	132.	115.	126.	161.	214.	288.	283.	1.	349.	65.	293.	319.	24.	285.	292.	295.	288.	274.	
14	293.	305.	305.	305.	303.	299.	...	301.	305.	308.	303.	305.	300.	304.	299.	309.	297.	298.	289.	265.	273.	209.	229.	167.	
15	191.	13.	352.	356.	26.	97.	106.	153.	150.	121.	142.	127.	141.	142.	142.	142.	143.	156.	59.	85.	137.	216.	207.	203.	
16	178.	214.	244.	231.	237.	247.	253.	268.	273.	277.	277.	272.	277.	272.	266.	237.	206.	179.	209.	243.	215.	154.	254.	224.	
17	235.	251.	223.	243.	255.	247.	283.	...	292.	297.	299.	297.	297.	293.	298.	286.	261.	232.	272.	277.	277.	289.	287.	289.	
18	291.	294.	300.	299.	297.	295.	293.	307.	302.	304.	306.	308.	309.	309.	307.	312.	319.	313.	311.	301.	320.	215.	317.	307.	
19	295.	296.	312.	339.	319.	330.	354.	150.	150.	255.	271.	282.	303.	305.	254.	259.	264.	274.	278.	252.	212.	222.	246.	238.	
20	251.	235.	266.	288.	276.	313.	324.	318.	319.	328.	328.	325.	337.	296.	306.	312.	315.	283.	286.	304.	301.	290.	295.	319.	
21	337.	319.	325.	321.	327.	27.	26.	35.	21.	35.	54.	93.	123.	86.	158.	94.	127.	143.	158.	159.	130.	104.	114.	123.	
22	117.	122.	115.	124.	134.	124.	103.	98.	102.	99.	118.	145.	108.	115.	87.	89.	105.	108.	124.	133.	134.	136.	148.	146.	
23	142.	135.	121.	114.	114.	61.	48.	117.	175.	145.	193.	326.	46.	126.	154.	147.	151.	152.	155.	158.	150.	130.	122.	158.	
24	163.	156.	117.	111.	103.	96.	32.	294.	12.	23.	339.	5.	15.	344.	216.	279.	46.	109.	144.	194.	182.	226.	263.	238.	
25	194.	179.	279.	304.	308.	328.	282.	275.	270.	270.	273.	255.	265.	226.	246.	211.	197.	204.	202.	205.	214.	214.	213.	220.	
26	225.	240.	248.	212.	221.	220.	238.	265.	264.	261.	279.	278.	250.	323.	314.	109.	167.	188.	208.	210.	234.	222.	232.	233.	
27	243.	263.	263.	281.	278.	283.	294.	301.	301.	300.	305.	302.	312.	324.	322.	320.	333.	327.	322.	330.	323.	331.	33.	41.	
28	104.	100.	101.	107.	115.	124.	96.	101.	104.	130.	127.	143.	141.	149.	163.	176.	165.	167.	165.	153.	152.	156.	160.	166.	
29	174.	171.	157.	155.	162.	168.	175.	176.	171.	191.	178.	169.	205.	226.	221.	221.	195.	196.	206.	196.	204.	204.	209.	198.	
30	219.	207.	174.	165.	175.	176.	217.	258.	272.	194.	245.	269.	276.	271.	258.	250.	...	309.	319.	292.	286.	282.	285.	...	

Number of valid hours: 681

Monthly mean: n/a

Missing data = "..."

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

JUNE 1998

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND SPEED (SCALAR)  
Units: miles/hour  
Collection Method: INSTRUMENTAL  
Analysis Method: ELECTRONIC OR MACHINE AVG.

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	DAILY MEAN
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	7.1	6.8	7.2	6.5	6.6	7.0	6.5	6.1	6.6	5.1	5.2	4.2	1.2	1.4	4.8	5.5
3	4.4	8.3	8.3	8.3	5.8	5.3	9.1	10.2	10.4	8.9	9.2	10.8	10.8	11.7	11.8	10.7	8.9	5.8	5.3	3.8	4.8	4.8	5.3	5.6	7.8
4	3.9	2.8	3.0	3.4	1.1	2.3	4.3	...	...	...	6.6	7.8	8.8	8.7	8.5	7.0	5.6	4.6	3.2	1.3	0.6	0.6	1.9	1.7	4.2
5	4.2	3.4	3.3	2.9	2.1	0.8	3.6	5.2	5.0	6.1	7.5	8.9	8.0	6.6	4.6	5.1	4.2	4.9	5.0	3.5	3.6	3.8	3.9	4.0	4.6
6	1.4	2.8	2.3	4.0	4.5	5.6	6.9	8.8	8.6	8.6	9.0	8.6	9.4	8.5	9.0	8.5	8.4	7.5	5.2	3.0	2.3	2.2	4.9	6.9	6.1
7	6.7	5.2	4.8	3.5	3.3	2.7	4.4	4.8	6.1	7.7	8.5	8.6	8.3	10.4	7.3	8.3	8.8	8.5	7.3	7.7	8.4	5.2	3.3	3.4	6.4
8	3.5	4.2	5.4	4.8	4.4	4.6	5.5	9.6	10.8	10.6	10.7	10.7	9.2	8.6	10.4	9.7	8.3	7.5	5.2	2.4	0.5	0.3	0.5	1.7	6.2
9	0.9	0.5	2.8	3.0	1.7	1.9	2.8	3.3	4.1	3.7	2.8	3.2	3.3	3.5	3.6	3.6	2.9	2.3	1.4	0.9	4.2	3.0	1.4	2.7	2.7
10	0.6	0.3	0.3	0.3	0.4	0.3	1.4	2.9	3.8	4.5	5.9	6.9	7.6	8.9	7.4	7.4	6.6	7.2	7.3	7.2	4.1	4.4	4.4	4.1	4.3
11	4.6	3.7	3.3	2.6	3.2	2.3	3.6	4.4	5.1	4.6	5.9	4.8	4.8	4.4	4.6	5.0	3.9	4.3	4.1	3.1	4.6	5.8	6.0	5.6	4.3
12	5.3	3.3	5.4	4.8	4.7	7.5	7.2	7.3	4.6	5.0	7.1	7.3	7.3	6.1	4.9	4.4	5.1	4.4	4.0	2.9	0.6	1.1	2.4	2.3	4.8
13	1.5	2.4	0.8	3.9	3.4	5.1	4.4	3.9	2.6	4.5	3.1	3.4	2.9	3.9	2.9	3.0	5.1	2.5	1.2	2.6	2.7	0.8	0.3	0.3	2.8
14	0.5	2.6	5.0	5.1	5.4	6.3	...	9.0	8.0	8.6	8.9	7.2	7.1	7.8	7.9	6.8	6.5	5.2	3.1	2.4	0.6	1.0	0.2	0.2	5.0
15	0.2	0.2	0.2	0.2	0.3	0.5	1.6	3.5	3.3	0.9	4.9	5.1	6.9	4.5	4.3	3.9	2.3	0.9	0.3	0.8	1.1	0.7	2.3	2.0	2.1
16	3.5	3.7	3.7	3.6	4.6	3.5	5.0	4.9	7.1	7.1	6.7	6.5	6.0	6.7	6.5	5.2	3.9	2.7	3.6	6.0	1.8	1.3	0.4	0.8	4.4
17	1.3	0.4	0.2	1.9	2.7	2.7	3.3	...	6.7	6.6	7.8	6.7	7.1	7.1	7.1	6.5	6.0	4.0	4.8	3.9	3.6	4.1	3.1	3.3	4.4
18	4.8	3.9	3.9	3.2	3.2	4.7	4.9	7.0	7.8	7.7	8.2	8.1	8.4	7.3	7.8	6.8	5.8	6.1	4.5	2.7	0.8	0.2	0.2	0.2	4.9
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	2.4	4.6	7.1	7.7	7.1	3.0	7.9	8.1	7.2	4.9	3.1	1.8	1.1	2.2	0.6	0.7	3.0
20	1.4	2.0	1.8	1.9	1.9	2.1	3.4	3.6	4.9	4.5	3.9	3.4	3.5	4.3	5.6	3.7	4.1	1.9	0.4	0.2	0.2	0.7	1.3	2.2	2.6
21	1.8	2.0	1.2	0.4	1.0	1.2	2.3	3.0	2.4	2.9	3.8	3.9	2.9	3.6	2.2	2.9	6.2	6.8	3.9	3.2	2.4	3.3	5.1	5.5	3.1
22	5.7	5.6	4.2	3.7	3.1	3.2	5.1	6.3	5.6	5.6	4.6	2.2	2.8	3.9	4.5	3.5	3.6	5.8	4.5	5.1	4.6	4.6	4.9	5.6	4.5
23	3.9	2.7	2.5	2.5	3.1	0.9	1.2	2.5	1.5	2.1	2.2	1.8	1.7	3.5	3.9	5.8	6.6	5.4	4.7	3.7	3.3	3.3	2.9	2.3	3.1
24	1.9	1.7	1.8	1.6	2.1	0.8	0.4	0.3	0.7	0.7	0.9	3.4	2.4	2.0	1.7	0.9	0.3	0.2	0.5	0.8	1.4	0.8	0.2	0.2	1.1
25	0.2	0.2	0.2	0.2	0.2	0.5	0.8	2.5	4.0	4.2	3.7	4.0	4.2	4.6	4.9	4.5	3.9	2.8	3.2	3.1	3.6	3.2	1.7	3.0	2.6
26	4.6	5.2	4.1	1.7	2.9	2.2	3.1	5.7	4.9	5.5	6.6	5.9	6.8	8.9	3.0	0.5	2.2	1.7	1.1	0.7	4.6	7.2	6.6	5.3	4.2
27	6.1	5.8	5.7	4.6	4.8	4.9	5.5	7.5	9.0	9.7	11.6	13.1	11.1	8.4	8.8	6.7	7.4	6.7	5.2	3.7	1.1	0.4	0.7	1.3	6.2
28	8.5	9.3	6.9	7.4	5.5	5.1	7.3	6.6	5.9	6.8	7.0	5.8	5.2	5.0	5.9	4.9	4.9	5.5	3.6	3.5	5.2	4.2	3.2	3.3	5.7
29	3.2	2.4	3.0	4.5	4.3	3.8	4.0	2.6	3.1	3.0	2.9	4.1	5.0	5.2	4.5	4.7	4.0	4.0	4.0	2.8	2.8	3.2	3.5	1.6	3.6
30	2.7	3.3	1.8	3.2	2.1	2.5	3.4	4.0	1.6	1.5	5.5	9.5	8.7	9.7	10.4	9.7	9.2	...	3.5	3.3	5.3	5.2	5.5	5.6	5.1

Number of valid hours: 681

Monthly mean: 4.3

Missing data = "..."

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

JULY 1998

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND DIRECTION (VECTOR)  
Units: degrees, compass  
Collection Method: INSTRUMENTAL  
Analysis Method: VECTOR SUMMATION

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	DAILY MEAN
1	280.	274.	278.	282.	279.	287.	293.	300.	297.	291.	290.	294.	291.	289.	304.	310.		314.	327.	326.	1.	52.	17.	350.	
2	286.	316.	338.	317.	265.	274.	311.	317.	328.	330.	316.	308.	303.	292.	298.	292.	305.	307.	295.	279.	253.	292.	220.	229.	
3	298.	179.	320.	305.	321.	310.	303.	311.	347.	350.	306.	306.	267.	309.	303.	307.	315.	345.	11.	193.	263.	267.	312.	239.	
4	302.	281.	206.	190.	310.	261.	240.	191.	227.	210.	221.	196.	199.	207.	204.	223.	288.	283.	163.	34.	357.	33.	320.	333.	
5	332.	341.	323.	336.	338.	339.	341.	341.	342.	350.	345.	337.	343.	339.	355.	10.	14.	349.	345.	330.	306.	316.	324.	357.	
6	331.	350.	353.	1.	2.	344.	28.	58.	75.	84.	137.	136.	157.	163.	150.	160.	145.	153.	151.	156.	158.	150.	157.	151.	
7	145.	160.	185.	158.	121.	150.	155.	157.	155.	168.	153.	156.	172.	170.	142.	153.	154.	148.	154.	152.	150.	162.	163.	161.	
8	156.	151.	157.	54.	30.	290.	134.	174.	146.	149.	143.	138.	114.	129.	141.	70.	52.	61.	50.	52.	46.	65.	40.	18.	
9	12.	349.	310.	329.	326.	332.	326.	301.	309.	291.	330.	334.	304.	209.	268.	341.	308.	292.	172.	170.	177.	176.	195.	214.	
10	236.	298.	278.	239.	251.	289.	312.	319.	323.	322.	341.	321.	321.	315.	311.	318.	320.	333.	328.	326.	332.	337.	351.	343.	
11	339.	328.	321.	324.	324.	302.	299.	301.	304.	316.	306.	303.	307.	301.	311.	306.	310.	304.	299.	291.	299.	287.	276.	270.	
12	271.	303.	322.	328.	310.	297.	311.	324.	322.	329.	342.	340.	340.	325.	287.	307.	301.	292.	292.	252.	279.	255.	250.	267.	
13	266.	277.	274.	262.	257.	270.		261.	243.	245.	210.	211.	209.	218.	229.	202.	204.	206.	163.	157.	173.	188.	184.	186.	
14	176.	196.	176.	169.	167.	157.	164.	186.	200.	192.	186.	200.	187.	188.	197.	208.	216.	213.	208.	183.	145.	150.	166.	175.	
15	175.	175.	174.	180.	203.	142.	170.	229.	170.	164.	166.	171.	189.	166.	207.	148.	160.	150.	159.	191.	152.	192.	212.	183.	
16	56.	336.	359.	94.	261.	350.	202.	289.	299.	290.	13.	53.	237.	166.	153.	212.	218.	239.	167.	160.	157.	158.	255.	309.	
17	266.	230.	179.	329.	279.	281.	306.	296.	305.	323.	308.	287.	288.	289.	292.	293.	291.	292.	273.	255.	276.	301.	297.	321.	
18	306.	306.	308.	315.	320.	318.	321.	325.	311.	315.	310.	289.	300.	291.	292.	282.	298.	291.	289.	283.	287.	294.	292.	311.	
19	316.	326.	315.	327.	334.	324.	357.	13.	31.	247.	213.	220.	219.	203.	225.	209.	202.	208.	199.	175.	155.	156.	159.	155.	
20	162.	171.	174.	170.	167.	192.	210.	250.	271.	281.	292.	297.	296.	284.	273.	261.	240.	243.	230.	238.	285.	289.	293.	290.	
21	286.	291.	292.	310.	276.	199.	277.	303.	307.	276.	281.	253.	246.	245.	251.	253.	257.	...	...	...	...	...	...	...	
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
24																									
25																									
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28											...	...													
29																									
30																									
31																									

Number of valid hours: 495  
Missing data = "..."

Monthly mean: n/a

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

JULY 1998

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND SPEED (SCALAR)  
Units: miles/hour  
Collection Method: INSTRUMENTAL  
Analysis Method: ELECTRONIC OR MACHINE AVG.

DAY	HOUR BEGINNING -----																							DAILY MEAN	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22		23
1	5.8	4.6	3.4	4.2	3.5	3.6	6.4	9.9	9.7	8.2	9.4	10.4	11.6	11.4	10.9	8.7	5.8	4.3	2.1	2.1	0.5	0.2	0.2	5.9	
2	0.2	0.2	0.3	0.7	0.2	0.5	0.7	1.7	3.3	3.4	4.2	5.3	4.4	4.6	3.9	4.2	4.2	3.4	1.9	0.2	0.6	0.2	0.3	0.2	2.0
3	0.2	0.5	0.2	0.2	0.2	0.2	0.2	1.7	2.0	2.3	3.6	2.8	3.4	3.6	3.5	4.8	2.7	0.7	0.2	0.2	0.2	0.2	0.2	0.2	1.4
4	0.2	0.2	0.2	0.2	0.2	0.3	0.4	1.4	1.5	2.9	3.6	3.8	4.6	4.4	3.4	3.2	4.8	3.1	1.1	0.2	0.3	0.9	0.7	0.3	1.7
5	2.0	1.5	3.7	3.7	4.1	4.6	6.2	7.2	8.8	7.5	7.1	6.3	6.3	6.9	5.6	5.4	5.2	3.8	1.9	0.7	0.2	0.4	0.5	0.4	4.2
6	0.7	0.5	1.3	1.5	1.5	0.3	2.9	4.5	4.5	5.5	5.4	5.7	5.3	4.5	4.2	3.6	2.6	6.2	7.0	6.7	5.1	4.7	3.2	0.7	3.7
7	0.2	0.2	0.2	0.2	0.2	0.2	2.3	4.2	4.2	3.9	5.1	5.0	4.7	3.8	6.3	5.5	5.4	6.0	6.6	6.0	4.1	2.6	3.4	3.2	3.5
8	2.4	0.4	0.6	0.2	1.0	0.3	0.6	2.7	5.3	6.1	8.7	6.6	5.7	5.0	6.0	1.0	0.7	1.0	0.9	1.4	1.1	0.6	0.4	0.9	2.5
9	0.6	0.4	0.6	1.6	3.2	2.8	1.7	1.0	3.2	1.9	2.4	1.7	2.9	3.0	3.6	2.0	1.5	2.0	1.8	0.4	0.6	0.6	0.7	1.2	1.7
10	1.2	1.0	0.2	0.9	1.5	1.0	1.2	3.2	5.3	5.3	6.1	7.4	6.7	7.1	7.8	6.3	6.1	6.8	5.8	4.7	2.2	3.4	3.5	3.7	4.1
11	3.6	1.9	2.5	3.4	3.3	1.7	4.3	5.5	5.9	6.3	6.7	7.7	7.8	8.6	7.9	8.3	5.6	5.6	3.8	3.1	0.2	0.2	0.2	0.2	4.4
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	3.4	3.9	4.1	2.9	2.5	3.6	2.1	3.0	3.0	3.6	2.2	0.2	0.2	0.9	0.5	0.3	1.6
13	0.2	0.2	0.3	0.5	1.5	0.9	2.6	5.0	3.6	3.6	5.6	6.1	6.8	6.4	5.2	4.2	3.2	2.4	1.3	1.1	1.6	2.6	2.2	2.9	
14	1.4	1.6	0.8	0.5	0.3	0.2	1.0	2.7	3.8	3.7	5.1	5.2	5.6	5.0	4.9	3.9	4.3	3.3	1.8	1.0	0.8	1.3	1.5	1.2	2.5
15	0.6	0.7	0.4	0.3	0.2	0.4	0.6	0.8	1.8	2.2	1.8	1.5	2.1	0.9	1.1	2.6	3.7	3.2	1.2	0.5	1.2	0.2	0.2	0.2	1.2
16	0.2	0.2	0.2	0.7	0.2	0.2	0.3	0.2	1.1	2.1	1.2	1.3	2.1	1.7	4.0	2.6	2.1	1.8	0.3	1.0	1.5	0.2	0.2	0.2	1.1
17	0.2	0.2	0.2	0.2	0.2	0.2	0.3	1.0	1.8	2.8	1.2	0.8	2.4	3.9	3.5	4.3	4.9	2.6	3.1	3.3	0.2	0.5	0.2	2.3	1.7
18	3.5	4.6	3.5	3.8	1.8	3.7	3.4	4.3	3.2	3.3	2.4	3.5	4.3	5.2	5.3	4.8	4.4	4.3	3.4	1.8	1.8	1.0	1.3	1.5	3.3
19	0.6	0.4	0.2	0.2	0.2	0.2	0.5	0.2	0.2	1.2	3.0	3.0	3.1	4.2	6.2	5.9	4.5	4.5	2.2	1.6	1.0	1.4	2.2	1.8	2.0
20	1.6	1.2	0.4	0.2	0.2	1.3	2.9	4.7	6.0	5.0	8.1	9.5	8.4	6.5	6.5	7.2	6.9	6.2	3.3	4.0	2.7	1.5	2.3	1.5	4.1
21	0.9	2.5	4.2	2.4	0.8	0.8	0.5	2.0	3.5	3.0	3.7	5.9	6.7	7.5	8.0	7.5	5.8	...	...	...	...	...	...	...	3.9
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24																									
25																									
26																									
27																									
28											...	...													
29																									
30																									
31																									

Number of valid hours: 495  
Missing data = "..."

Monthly mean: 2.8

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

AUGUST 1998

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND DIRECTION (VECTOR)  
Units: degrees, compass  
Collection Method: INSTRUMENTAL  
Analysis Method: VECTOR SUMMATION

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	DAILY MEAN	
1																										
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
4																										
5																										
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	132.	132.	139.	151.	154.	155.	144.	110.	84.	81.		
7	289.	312.	346.	358.	6.	339.	21.	46.	82.	87.	102.	114.	118.	124.	112.	97.	97.	106.	107.	126.	126.	130.	114.	99.		
8	86.	65.	37.	28.	32.	34.	47.	60.	84.	59.	80.	75.	97.	117.	135.	107.	143.	149.	149.	145.	136.	117.	120.	124.		
9	120.	109.	113.	89.	74.	70.	74.	124.	130.	139.	115.	142.	155.	179.	173.	156.	154.	151.	147.	146.	150.	153.	155.	152.		
10	161.	165.	162.	168.	158.	143.	153.	159.	156.	209.	170.	150.	153.	144.		151.	139.	161.	121.	144.	204.	161.	176.	221.		
11	269.	274.	279.	308.	292.	274.	282.	294.	296.	308.	304.	302.	302.	297.	293.	312.	291.	279.	278.	283.	281.	266.	279.	295.		
12	321.	326.	...	...	...	...	...	...	...	...	...	321.	325.	318.	319.	323.	326.	332.	320.	299.	304.	302.	309.	317.		
13	323.	7.	3.	21.	24.	16.	32.	54.	67.	74.	95.	69.	144.	128.	97.	139.	142.	147.	131.	139.	142.	137.	126.	126.		
14	151.	131.	159.	142.	151.	153.	145.	152.	150.	151.	147.	154.	148.	148.	148.	146.	146.	142.	145.	149.	150.	154.	156.	167.		
15	179.	158.	159.	159.	148.	149.	153.	152.	151.	149.	149.	154.	165.	147.	196.	199.	155.	148.	148.	156.	154.	158.	139.	239.		
16	149.	169.	184.	186.	254.	40.	34.	64.	55.	315.	94.	160.	169.	159.	136.	123.	156.	160.	151.	138.	265.	36.	14.	153.		
17	134.	79.	47.	41.	31.	84.	68.	78.	109.	149.	159.	179.	205.	221.	249.	305.										
18																										
19																										
20																										
21																										
22																										
23																										
24																										
25																										
26																										
27													30.	33.	33.	35.	34.	33.	40.	33.	30.	41.	29.	33.		
28	30.	26.	30.	30.	28.	29.	29.	32.	32.	30.	29.	32.	42.	36.	46.	34.	44.	49.	98.	50.	37.	47.	96.	117.		
29	116.	107.	104.	99.	100.	92.	86.	74.	75.	79.	89.	95.	91.	95.	107.	106.	107.	104.	103.	105.	108.	105.	109.	107.		
30	105.	102.	89.	95.	93.	90.	100.	101.	101.	105.	102.	100.	96.	99.	95.	95.	80.	76.	71.	70.	80.	73.	87.	97.		
31	77.	84.	80.	84.	87.	100.	102.	111.	112.	108.	107.	104.	103.	103.	105.	100.	98.	73.	98.	112.	117.	81.	31.	114.		

Number of valid hours: 364

Monthly mean: n/a

Missing data = "..."



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

AUGUST 1998

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND SPEED (SCALAR)  
Units: miles/hour  
Collection Method: INSTRUMENTAL  
Analysis Method: ELECTRONIC OR MACHINE AVG.

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	DAILY MEAN
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6.6	7.3	6.6	5.2	4.4	2.1	1.8	2.1	1.2	1.4	3.9
7	0.5	0.8	1.0	1.2	1.3	0.9	2.2	3.4	4.9	5.2	4.9	4.7	4.0	3.9	5.8	6.9	5.7	6.3	4.9	4.2	3.7	4.6	3.9	2.2	3.6
8	1.7	1.6	1.9	2.8	2.7	3.2	3.7	4.9	4.9	3.6	4.4	4.5	5.4	4.6	4.4	3.7	3.5	3.9	3.9	3.6	3.2	4.9	3.5	3.8	3.7
9	3.3	3.2	2.1	0.8	1.5	1.1	1.2	3.1	3.4	3.9	3.9	4.4	2.8	2.9	3.4	4.1	3.7	4.9	5.2	5.1	5.1	4.2	4.8	4.2	3.4
10	2.2	2.7	2.6	1.9	3.1	3.5	3.2	3.3	3.3	3.3	2.8	3.3	4.4	6.1		4.0	5.1	3.1	2.1	2.9	2.0	2.8	2.9	2.2	3.2
11	1.3	1.5	2.4	1.7	2.3	1.9	2.6	3.5	4.0	4.2	3.7	4.6	4.7	5.1	5.0	4.4	4.0	4.1	3.3	3.2	3.2	2.3	2.5	3.1	3.3
12	2.7	2.4	...	...	...	...	...	...	...	...	...	4.4	4.4	4.9	4.5	3.9	3.5	3.0	1.0	0.6	0.8	1.0	1.0	2.0	2.7
13	1.8	1.7	1.7	2.0	2.7	1.5	2.7	3.9	5.0	4.3	4.0	2.4	3.9	3.4	5.0	7.7	6.9	6.9	5.6	4.3	5.6	4.9	3.1	1.8	3.9
14	2.3	1.9	1.2	1.8	2.6	2.4	2.3	4.3	4.4	5.7	6.4	5.5	7.1	8.8	8.6	9.4	8.7	7.3	7.2	5.1	5.1	4.7	4.0	2.5	5.0
15	1.5	2.0	1.9	1.5	1.5	2.1	2.9	2.6	4.0	4.1	4.9	4.0	3.9	4.0	3.4	3.4	2.8	4.4	3.7	2.5	2.8	1.6	0.6	0.5	2.8
16	1.2	0.9	1.3	1.1	0.7	0.5	1.2	1.7	1.3	1.3	1.6	1.7	1.7	2.2	2.8	3.7	2.8	2.2	1.0	0.9	0.3	0.3	0.3	0.6	1.4
17	0.8	1.0	0.7	0.8	1.7	2.7	2.5	3.4	4.9	3.9	3.5	3.0	4.6	5.1	5.1	4.0									3.0
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	...	...	...	...	...	...	7.1	6.6	6.8	6.2	5.7	5.9	4.1	5.0	4.4	3.3	3.0	4.3	5.2
28	3.7	4.2	3.9	3.9	5.1	5.0	5.6	7.2	7.6	7.1	8.2	6.9	6.5	6.5	4.6	6.6	4.9	3.8	2.6	2.0	2.2	1.3	1.5	1.5	4.7
29	0.6	0.9	1.0	0.5	1.1	1.0	0.4	1.5	2.5	3.5	5.2	4.5	4.5	5.0	5.1	4.8	4.4	3.6	2.0	2.5	1.3	1.9	1.7	1.3	2.5
30	1.4	0.2	1.1	0.9	0.8	1.1	2.2	2.8	3.7	4.4	4.6	3.0	2.6	3.5	1.6	1.8	0.7	0.2	0.3	0.4	1.7	0.8	1.8	2.1	1.8
31	1.0	0.9	1.9	2.0	0.4	0.4	0.4	2.4	3.7	4.0	4.4	4.8	5.1	5.2	4.8	3.8	3.4	2.4	1.3	0.5	0.9	1.1	1.5	1.4	2.4

Number of valid hours: 364

Monthly mean: 3.3

Missing data = "..."

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

SEPTEMBER 1998

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND DIRECTION (VECTOR)  
Units: degrees, compass  
Collection Method: INSTRUMENTAL  
Analysis Method: VECTOR SUMMATION

DAY	HOUR BEGINNING -----																							DAILY MEAN
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	
1	97.	64.	83.	114.	96.	91.	77.	37.	29.	31.	35.	33.	43.	46.	84.	68.	76.	93.	59.	78.	67.	66.	69.	64.
2	70.	53.	70.	67.	66.	89.	86.	77.	70.		156.	149.	150.	164.	165.	165.	171.	166.	166.	329.	6.	34.	1.	2.
3	325.	300.	307.	327.	93.	308.	313.	328.	36.	12.	120.	116.	214.	252.	223.	208.	212.	163.	160.	149.	121.	134.	336.	347.
4	344.	309.	5.	22.	6.	358.	5.	7.	34.	36.	39.	31.	36.	31.	354.	328.	329.	318.	317.	316.	318.	309.	296.	296.
5	318.	321.	324.	322.	326.	309.	314.	323.	335.	331.	319.	302.	321.	301.	313.	303.	313.	303.	238.	254.	238.	253.	257.	240.
6	254.	266.	253.	250.	257.	266.	215.	202.	211.	235.	232.	245.	238.	244.	243.	232.	198.	190.	176.	208.	212.	230.	231.	220.
7	230.	259.	264.	206.	220.	202.	181.	220.	246.	248.	247.	250.	296.	320.	341.	352.	74.	125.	126.	135.	327.	270.	212.	309.
8	317.	326.	324.	318.	307.	321.	314.	316.	311.	303.	314.	302.	309.	314.	296.	291.	296.	296.	314.	312.	314.	307.	308.	306.
9	305.	301.	297.	301.	306.	304.	296.	297.	305.	306.	310.	309.	309.	306.	307.	310.	312.	300.	310.	320.	326.	327.	317.	321.
10	314.	296.	296.	301.	304.	304.	302.	305.	318.	322.	316.	315.	319.	314.	317.	314.	317.	307.	292.	218.	189.	319.	288.	296.
11	320.	285.	292.	292.	293.	291.	295.	306.	315.	311.	315.	297.	297.	291.	288.	271.	261.	227.	179.	195.	225.	228.	249.	262.
12	288.	294.	293.	288.	290.	289.	293.	297.	293.	292.	290.	295.	286.	295.	293.	295.	281.	258.	242.	260.	293.	296.	310.	314.
13	316.	338.	311.	337.	334.	337.	352.	19.	37.	38.	37.	50.	30.	23.	300.	358.	355.	43.	73.	140.	159.	159.	159.	156.
14	163.	170.	162.	159.	157.	157.	160.	169.	180.	170.	184.	208.	215.	222.	230.	225.	158.	147.	142.	138.	148.	154.	166.	167.
15	161.	159.	164.	166.	171.	168.	166.	181.	186.	198.	185.	200.	197.	203.	216.	211.	226.	198.	193.	190.	183.	192.	204.	215.
16	216.	242.	246.	230.	230.	252.	242.	246.	273.	288.	296.	287.	308.	301.	319.	314.	314.	342.	35.	45.	27.	38.	5.	33.
17	57.	48.	48.	37.	36.	39.	47.	48.	55.	71.	74.	65.	47.	37.	39.	44.	48.	31.	27.	13.	36.	10.	341.	46.
18	117.	60.	28.	44.	28.	23.	11.	34.	33.	32.	51.	59.	83.	43.	103.	86.	112.	116.	135.	128.	117.	118.	132.	103.
19	55.	350.	353.	345.	348.	342.	348.	24.	61.	60.	118.	150.	138.	142.	148.	159.	177.	240.	296.	105.	156.	191.	178.	164.
20	40.	196.	156.	290.	301.	274.	75.	215.	198.	155.	142.	275.	250.	210.	209.	219.	186.	205.	192.	228.	154.	170.	174.	170.
21	166.	153.	163.	168.	160.	155.	152.	161.	174.	188.	197.	168.	207.	171.	192.	182.	177.	219.	220.	232.	237.	246.	257.	240.
22	297.	334.	191.	127.	230.	294.	329.	170.	183.	230.	257.	285.	298.	311.	342.	343.	330.	326.	325.	323.	324.	326.	348.	10.
23	333.	336.	332.	336.	332.	330.	347.	347.	350.	8.	359.	334.	341.	329.	316.	319.	314.	316.	310.	330.	248.	279.	321.	332.
24	336.	344.	6.	314.	316.	342.	345.	30.	130.	153.	184.	195.	208.	181.	211.	206.	222.	166.	158.	158.	150.	137.	156.	159.
25	168.	163.	157.	153.	150.	165.	178.	73.	160.	176.	160.	161.	199.	209.	181.	181.	162.	161.	158.	251.	295.	212.	13.	352.
26	325.	338.	350.	18.	49.	256.	302.	40.	67.	75.	148.	220.	182.	191.	185.	176.	181.	183.	197.	167.	177.	186.	212.	210.
27	207.	198.	200.	190.	209.	205.	216.	217.	246.	254.	261.	252.	231.	261.	258.	261.	254.	253.	245.	252.	268.	280.	285.	281.
28	282.	290.	291.	295.	309.	323.	324.	336.	334.	336.	317.	309.	311.	310.	297.	312.	309.	324.	325.	324.	326.	328.	41.	346.
29	7.	274.	290.	330.	326.	322.	...	17.	36.	45.	287.	297.	224.	300.	270.	268.	234.	216.	181.	143.	149.	168.	169.	170.
30	147.	181.	194.	174.	158.	159.	156.	157.	127.	164.	162.	203.	185.	212.	194.	157.	155.	149.	148.	161.	176.	177.	194.	233.

Number of valid hours: 718

Monthly mean: n/a

Missing data = "..."

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

SEPTEMBER 1998

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND SPEED (SCALAR)  
Units: miles/hour  
Collection Method: INSTRUMENTAL  
Analysis Method: ELECTRONIC OR MACHINE AVG.

DAY	HOUR BEGINNING -----																							DAILY MEAN	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22		23
1	1.6	1.7	1.9	2.5	2.8	2.5	2.0	3.2	4.9	4.8	4.9	4.6	2.8	3.2	2.6	0.8	0.4	0.3	0.2	0.3	1.8	2.6	0.2	0.5	2.2
2	0.6	0.4	0.7	1.6	1.2	2.7	2.4	2.7	4.9		5.7	5.3	4.4	3.9	3.8	4.5	3.6	4.4	2.8	4.6	1.5	1.5	1.3	1.1	2.9
3	0.6	0.4	0.5	0.4	0.7	0.3	0.3	1.1	1.6	1.7	2.5	2.3	2.7	2.6	2.5	2.5	1.5	1.1	1.2	1.2	0.8	0.5	0.3	0.2	1.2
4	0.3	0.4	0.5	1.3	1.7	1.3	2.0	3.2	4.5	4.6	5.9	5.2	5.2	3.9	4.3	4.0	4.2	3.9	3.5	3.0	2.5	2.6	2.9	3.7	3.1
5	3.3	2.7	2.8	3.3	2.9	1.8	1.4	3.7	4.0	4.2	4.5	6.6	6.2	5.3	5.3	4.0	3.6	0.9	0.3	0.2	0.2	0.6	0.5	1.5	2.9
6	3.6	4.7	4.3	3.9	2.9	2.3	1.6	1.5	3.3	3.6	4.4	3.5	4.7	5.6	5.5	5.2	3.2	2.3	1.7	2.7	3.1	3.3	3.4	2.6	3.5
7	3.7	4.6	5.4	2.8	2.7	2.0	1.6	2.3	3.9	3.8	5.1	5.8	9.2	6.5	3.7	2.5	1.8	1.3	2.6	2.7	5.6	2.7	1.0	1.4	3.5
8	3.2	5.3	5.0	4.3	3.6	4.0	4.8	6.7	7.8	8.3	7.2	8.2	8.0	7.2	6.3	6.4	5.8	5.8	5.1	5.4	4.4	4.0	5.6	4.7	5.7
9	4.7	4.1	3.7	4.9	5.5	4.3	5.5	8.0	9.0	9.5	10.1	8.1	8.3	8.5	9.5	8.3	7.0	4.4	2.9	1.8	2.1	1.8	2.0	4.3	5.8
10	3.1	4.4	5.0	4.1	5.0	5.1	5.2	4.6	6.2	7.3	6.1	8.0	7.3	8.6	7.7	6.4	5.2	3.3	1.5	0.3	1.3	0.8	2.1	1.7	4.6
11	2.0	1.6	2.7	2.5	3.5	3.4	4.0	4.0	5.8	5.1	4.2	4.9	4.9	5.0	4.9	3.5	4.4	1.6	1.0	0.5	1.3	1.2	0.8	1.6	3.1
12	2.2	3.4	3.4	3.1	3.5	4.2	4.2	3.7	4.6	5.4	5.8	5.5	5.8	6.9	5.8	5.0	2.4	2.3	1.2	1.2	2.8	3.4	3.2	2.0	3.8
13	0.4	0.3	0.2	0.5	0.7	0.4	1.2	2.9	4.9	4.6	4.9	4.6	3.5	2.9	3.1	2.2	1.7	1.9	1.5	4.3	3.0	3.4	2.7	1.4	2.4
14	2.3	1.3	2.4	2.5	2.1	2.2	2.6	2.8	3.1	3.9	3.9	4.1	4.6	5.4	6.4	4.1	5.6	6.3	5.3	3.9	2.1	3.2	2.9	3.0	3.6
15	3.3	3.5	3.2	3.0	2.3	2.5	2.2	2.6	3.2	3.8	3.8	4.2	3.9	4.7	5.1	4.0	4.1	2.1	1.6	2.0	1.6	1.8	3.0	3.9	3.1
16	4.3	2.7	2.1	1.0	1.3	1.4	1.4	3.2	3.5	5.1	5.0	5.1	5.1	4.6	3.2	3.1	1.9	2.1	2.2	1.9	1.7	2.7	3.4	3.2	3.0
17	2.7	2.5	2.4	3.0	3.1	3.4	2.7	2.8	3.0	3.3	4.1	3.3	4.1	4.2	4.0	3.7	3.7	2.0	2.1	1.7	0.9	0.7	1.3	1.9	2.8
18	1.2	1.0	0.9	1.5	2.8	3.7	2.7	3.8	4.0	3.5	3.8	3.9	4.2	3.1	4.2	4.7	5.0	4.0	3.7	3.9	5.1	4.5	2.5	1.0	3.3
19	0.7	0.7	0.8	0.5	0.4	1.1	1.3	1.7	3.1	3.5	3.9	3.5	3.9	3.8	2.3	1.5	0.4	1.1	0.4	0.9	2.1	0.7	0.5	0.4	1.6
20	0.4	0.3	0.7	0.6	0.8	1.2	0.5	1.4	2.0	3.2	3.1	2.8	2.6	2.8	2.9	2.7	2.3	1.6	1.2	0.6	0.8	1.7	1.1	1.4	1.6
21	1.7	2.5	1.4	1.6	2.2	2.3	2.1	2.3	2.1	3.2	3.2	3.5	3.1	3.4	2.7	2.0	1.2	0.9	1.0	2.0	4.0	4.0	2.8	1.0	2.4
22	1.3	1.3	1.1	2.5	5.2	0.8	0.9	1.4	2.0	3.4	3.7	4.7	3.9	5.2	5.5	4.4	4.0	4.4	3.9	2.4	2.4	2.8	3.4	1.2	3.0
23	2.5	2.0	4.1	3.2	3.5	5.2	4.4	6.0	7.3	8.2	6.8	6.1	6.6	5.6	5.8	5.6	5.0	2.9	1.3	1.0	0.8	0.4	0.2	0.2	3.9
24	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.2	3.1	4.4	4.2	4.9	4.3	4.8	3.8	3.5	3.6	2.1	3.8	2.7	2.1	1.3	0.6	2.9	2.3
25	3.0	3.0	3.8	3.4	2.5	2.7	2.0	1.1	1.6	1.8	2.5	3.8	2.0	2.4	1.7	1.8	2.3	1.8	1.9	0.3	0.2	0.2	0.2	0.3	1.9
26	0.5	0.2	0.3	0.2	0.2	0.8	0.3	0.7	1.0	2.2	3.1	2.8	3.4	3.7	3.5	3.9	2.7	1.6	0.9	1.4	1.0	1.5	3.4	3.8	1.8
27	3.2	2.3	2.3	1.7	2.3	0.8	1.5	3.0	3.3	5.0	5.3	5.1	5.3	7.9	7.8	7.6	5.9	3.4	2.7	4.0	5.5	7.5	4.6	3.4	4.2
28	6.1	4.8	5.0	4.7	3.0	3.9	3.3	4.4	6.1	5.6	7.1	8.2	8.0	7.9	7.9	7.1	4.8	3.2	2.0	1.2	3.4	2.0	0.3	0.3	4.6
29	0.5	0.2	0.2	0.2	0.2	0.2	...	1.1	2.4	2.5	2.1	2.5	3.3	3.2	1.8	1.4	1.1	1.1	0.5	0.2	0.5	0.2	1.1	1.4	1.2
30	0.6	0.7	1.2	2.3	3.1	3.0	2.0	2.1	2.7	2.9	2.9	3.7	4.1	3.4	3.5	5.4	6.4	4.0	2.7	3.2	2.9	1.8	2.3	2.0	2.9

Number of valid hours: 718

Monthly mean: 3.1

Missing data = "..."

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

OCTOBER 1998

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND DIRECTION (VECTOR)  
Units: degrees, compass  
Collection Method: INSTRUMENTAL  
Analysis Method: VECTOR SUMMATION

DAY	HOUR BEGINNING -----																							DAILY MEAN
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	
1	223.	232.	231.	225.	226.	237.	245.	240.	271.	292.	305.	308.	311.	313.	321.	321.	319.	325.	327.	328.	322.	321.	321.	316.
2	293.	292.	294.	298.	304.	293.	264.	288.	279.	284.	284.	292.	292.	300.	302.	300.	308.	313.	311.	307.	282.	281.	273.	19.
3	284.	282.	280.	280.	297.	325.	328.	338.	7.	46.	60.	49.	65.	310.	25.	50.	44.	39.	45.	52.	47.	28.	39.	39.
4	49.	60.	60.	53.	59.	57.	49.	49.	51.	60.	53.	49.	44.	49.	42.	34.	39.	33.	24.	28.	29.	30.	13.	31.
5	20.	351.	14.	353.	356.	7.	24.	5.	21.	44.	37.	46.	26.	332.	323.	348.	341.	319.	293.	309.	314.	318.	305.	317.
6	323.	347.	5.	25.	26.	33.	38.	49.	84.	93.	101.	108.	115.	126.	139.	131.	126.	159.	163.	135.	129.	119.	121.	122.
7	118.	119.	121.	128.	132.	136.	132.	133.	136.	135.	140.	145.	136.	140.	148.	141.	146.	151.	144.	140.	141.	159.	158.	162.
8	159.	163.	160.	167.	169.	164.	165.	164.	163.	162.	151.	167.	223.	228.	241.	257.	230.	155.	55.	51.	27.	354.	347.	327.
9	325.	347.	328.	341.	12.	355.	343.	344.	2.	7.	34.	30.	27.	16.	13.	8.	8.	6.	350.	322.	318.	346.	359.	348.
10	356.	342.	327.	323.	321.	323.	325.	319.	319.	320.	317.	321.	317.	311.	314.	317.	312.	317.	319.	316.	321.	315.	304.	309.
11	311.	310.	309.	317.	315.	310.	308.	312.	316.	330.	340.	345.	334.	320.	332.	338.	7.	6.	2.	345.	350.	347.	347.	340.
12	323.	325.	326.	334.	322.	357.	5.	5.	49.	63.	80.	87.	95.	117.	85.	30.	23.	35.	65.	101.	112.	146.	151.	127.
13	141.	137.	173.	76.	84.	96.	108.	318.	159.	172.	177.	154.	141.	141.	140.	150.	152.	150.	151.	154.	155.	159.	158.	161.
14	163.	162.	180.	231.	243.	286.	304.	298.	300.	295.	295.	301.	304.	295.	299.	298.	304.	299.	297.	293.	286.	284.	296.	273.
15	248.	250.	290.	285.	292.	287.	276.	286.	287.	302.	310.	321.	308.	313.	309.	327.	319.	339.	327.	322.	323.	324.	327.	341.
16	326.	319.	318.	312.	296.	304.	298.	320.	334.	330.	30.	310.	284.	303.	302.	308.	303.	288.	288.	298.	307.	305.	293.	320.
17	296.	307.	330.	328.	328.	324.	323.	320.	26.	19.	343.	162.	212.	170.	186.	175.	228.	224.	155.	193.	279.	241.	205.	263.
18	187.	141.	193.	177.	202.	177.	177.	180.	191.	203.	197.	182.	202.	199.	192.	205.	201.	187.	188.	181.	178.	190.	213.	220.
19	224.	248.	279.	230.	266.	270.	264.	304.	302.	304.	297.	306.	293.	301.	298.	309.	295.	296.	291.	239.	262.	282.	304.	316.
20	316.	308.	313.	301.	298.	296.	279.	272.	298.	301.	308.	302.	303.	297.	301.	298.	297.	299.	300.	302.	307.	306.	301.	293.
21	293.	290.	265.	279.	279.	286.	267.	281.	286.	289.	289.	296.	296.	298.	297.	302.	296.	289.	305.	322.	324.	325.	310.	309.
22	332.	327.	329.	325.	333.	330.	324.	323.	325.	333.	337.	326.	331.	330.	327.	318.	322.	326.	322.	319.	321.	323.	321.	316.
23	307.	308.	299.	301.	299.	294.	296.	296.	305.	313.	315.	308.	301.	295.	296.	290.	293.	260.	244.	244.	269.	277.	286.	293.
24	297.	304.	305.	300.	301.	304.	303.	301.	300.	302.	307.	304.	296.	289.	295.	279.	271.	269.	260.	261.	266.	269.	291.	293.
25	295.	300.	301.	300.	319.	314.	318.	314.	311.	314.	319.	307.	301.	300.	299.	307.	310.	303.	275.	280.	302.	314.	271.	313.
26	348.	333.	325.	337.	11.	1.	359.	12.	43.	80.	96.	59.	91.	96.	134.	115.	119.	115.	125.	114.	117.	111.	103.	90.
27	77.	62.	44.	14.	42.	50.	78.	62.	69.	102.	109.	125.	117.	108.	111.	135.	150.	126.	111.	142.	156.	140.	130.	144.
28	77.	40.	289.	323.	213.	153.	156.	161.	169.	185.	201.	213.	203.	214.	221.	211.	207.	203.	197.	217.	232.	275.	321.	332.
29	335.	317.	319.	317.	320.	319.	314.	309.	310.	321.	326.	326.	331.	323.	331.	323.	321.	325.	319.	317.	321.	326.	320.	314.
30	289.	272.	290.	292.	296.	307.	306.	294.	293.	309.	310.	302.	305.	310.	305.	300.	304.	309.	231.	242.	27.	353.	344.	327.
31	325.	313.	307.	307.	301.	311.	313.	314.	325.	328.	319.	322.	318.	319.	319.	315.	317.	327.	328.	46.	28.	16.	319.	326.

Number of valid hours: 744

Monthly mean: n/a

Missing data = "..."

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

OCTOBER 1998

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND SPEED (SCALAR)  
Units: miles/hour  
Collection Method: INSTRUMENTAL  
Analysis Method: ELECTRONIC OR MACHINE AVG.

DAY	HOUR BEGINNING -----																							DAILY	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MEAN
1	4.5	4.4	3.4	3.1	3.3	3.2	3.6	4.0	6.3	8.3	11.4	13.0	12.7	12.7	11.1	10.7	7.8	5.5	3.2	1.5	0.6	3.6	2.5	1.1	5.9
2	0.2	0.5	2.0	1.3	2.6	2.8	1.7	3.2	4.7	5.5	6.9	8.7	8.9	8.5	7.8	7.1	5.8	3.6	1.5	0.9	0.3	0.3	0.3	0.4	3.6
3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	2.8	2.4	2.0	1.9	1.7	2.3	3.5	3.9	3.3	2.9	3.4	3.5	3.3	3.8	4.3	2.0
4	4.4	5.4	5.4	5.6	6.3	5.4	4.4	4.3	4.9	6.1	6.3	5.8	5.5	5.8	5.8	5.3	5.2	4.2	3.7	4.2	4.1	4.2	3.1	4.2	5.0
5	3.7	2.5	2.7	2.2	2.6	2.5	2.6	1.9	2.6	3.1	3.5	2.9	1.9	2.5	2.6	2.2	1.2	1.1	0.3	1.6	1.3	1.7	1.1	1.2	2.1
6	0.3	0.4	1.3	1.8	2.4	3.8	4.4	4.3	5.4	6.6	6.5	6.2	4.7	4.6	4.2	2.2	1.5	3.9	4.1	6.1	5.0	4.9	5.7	4.7	4.0
7	4.6	3.9	4.1	4.6	3.6	4.2	4.3	3.5	4.4	4.6	5.0	5.9	6.6	6.3	8.0	6.5	5.9	6.7	6.1	5.9	5.5	4.7	6.0	4.6	5.2
8	5.1	3.4	4.1	3.8	4.0	4.3	4.7	4.3	5.1	5.1	6.1	5.3	5.2	5.0	4.1	2.8	0.7	1.9	2.7	4.4	3.4	2.9	2.0	2.3	3.9
9	3.8	4.0	3.2	3.5	4.3	2.7	2.8	3.2	3.5	4.0	4.7	4.5	4.3	4.2	3.9	4.1	3.9	4.1	3.9	2.5	3.5	3.4	3.5	2.7	3.7
10	2.8	2.5	2.5	2.5	2.9	3.6	3.4	3.9	4.7	5.8	6.8	6.6	6.8	7.5	6.8	7.1	7.4	8.5	6.2	6.5	6.9	5.0	4.7	5.4	5.3
11	5.7	5.9	4.8	5.7	5.0	4.5	4.5	5.7	6.7	6.6	6.7	6.4	6.8	5.8	5.1	4.2	3.8	5.4	5.7	4.2	4.2	3.4	2.9	2.7	5.1
12	2.0	2.9	2.0	1.6	0.5	1.9	1.4	1.5	4.7	4.5	3.3	2.8	1.3	1.7	0.4	0.2	0.2	0.2	0.2	0.3	1.7	3.7	2.7	2.3	1.8
13	1.3	1.0	0.2	0.2	0.2	0.2	0.2	0.2	1.5	2.7	2.9	5.0	7.5	7.6	7.4	7.5	8.8	6.5	6.4	8.1	7.8	5.7	4.5	5.4	4.1
14	5.9	5.2	2.8	2.6	2.9	2.7	3.4	4.4	5.9	6.6	6.8	6.0	6.7	7.7	7.2	6.8	6.0	4.7	5.0	5.4	4.2	3.5	3.0	2.8	4.9
15	2.5	1.9	2.2	2.5	4.4	3.8	3.5	4.0	5.0	6.3	6.8	6.1	6.1	5.8	5.2	4.0	1.9	0.3	0.3	0.5	1.4	2.2	0.6	0.3	3.2
16	1.8	1.9	1.0	0.2	0.8	0.6	0.6	1.6	2.6	2.8	2.1	1.8	0.7	3.2	3.6	3.0	1.6	0.9	0.2	0.2	0.2	0.2	0.2	0.2	1.3
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.5	0.5	1.3	0.8	2.5	1.9	1.6	1.5	0.7	0.5	0.2	0.2	0.2	0.2	0.2	0.6
18	0.2	0.2	0.2	0.2	0.6	0.8	0.9	1.9	2.5	3.7	3.7	4.5	5.2	5.0	4.7	4.3	2.0	1.9	2.3	2.1	2.2	2.5	4.3	5.1	2.5
19	5.1	3.5	2.1	1.3	0.6	0.2	0.3	0.3	4.3	6.3	4.4	6.5	6.4	5.0	5.5	5.0	3.2	2.5	2.7	0.5	0.7	0.2	2.7	4.6	3.1
20	6.2	4.2	5.1	4.6	3.1	1.0	0.3	1.8	6.7	7.7	9.4	8.9	9.0	9.3	8.1	7.1	5.9	3.4	2.0	3.1	1.4	4.9	3.6	3.2	5.0
21	4.3	2.5	3.0	2.3	1.0	2.7	4.4	4.5	5.0	4.5	6.9	9.0	8.5	10.2	10.1	7.2	4.6	0.8	0.2	0.5	0.9	0.3	0.2	0.2	3.9
22	0.2	1.3	3.8	4.4	3.6	5.8	4.6	4.9	7.1	6.3	6.2	7.5	5.7	8.2	7.6	9.2	7.3	5.0	3.9	3.9	3.9	4.4	1.7	4.0	5.0
23	3.5	2.7	2.9	4.0	4.5	4.2	4.3	4.5	5.8	8.2	8.2	7.6	6.1	5.5	6.0	5.1	3.7	0.7	1.4	1.6	2.5	1.2	1.5	1.1	4.0
24	3.6	4.0	4.0	3.6	3.7	4.0	4.1	4.4	5.8	6.4	5.2	5.1	5.0	6.7	3.7	3.1	2.0	1.1	2.1	3.4	4.2	2.4	2.5	2.7	3.9
25	1.6	0.3	1.8	0.8	1.1	1.9	1.9	1.6	2.5	4.8	5.3	5.1	4.5	5.7	5.0	3.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2.0
26	0.2	0.2	0.2	0.3	1.2	1.6	1.4	1.8	3.2	4.1	3.4	3.5	3.1	2.8	1.1	5.3	1.8	1.3	3.9	5.5	4.4	3.2	2.8	1.3	2.4
27	1.5	1.5	1.3	1.0	2.7	1.8	2.4	1.1	2.9	4.8	4.8	3.9	2.0	2.8	3.1	3.6	1.6	2.1	2.4	3.1	2.6	3.9	2.0	0.8	2.5
28	1.0	0.4	0.2	0.2	0.2	0.2	1.2	3.6	4.0	3.2	3.2	4.2	4.5	6.1	7.1	5.9	4.1	3.0	2.8	4.3	4.1	5.7	7.8	5.6	3.4
29	5.8	5.4	5.1	4.8	6.8	6.4	5.9	6.6	7.1	9.6	10.3	10.2	10.4	10.9	9.4	8.6	7.0	6.2	3.5	2.5	3.2	1.6	2.6	2.3	6.3
30	1.7	2.6	2.8	3.2	3.9	4.5	3.9	3.8	5.8	7.8	7.7	8.2	8.9	8.9	9.5	8.9	5.2	2.8	0.5	0.2	1.5	1.2	3.0	4.4	4.4
31	1.9	2.9	5.6	3.0	4.1	4.8	5.2	5.8	6.7	7.6	7.1	8.2	8.4	9.4	8.0	7.4	5.9	4.5	0.5	1.7	0.9	2.5	1.7	3.2	4.9

Number of valid hours: 744

Monthly mean: 3.7

Missing data = "..."

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

NOVEMBER 1998

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND DIRECTION (VECTOR)  
Units: degrees, compass  
Collection Method: INSTRUMENTAL  
Analysis Method: VECTOR SUMMATION

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	DAILY MEAN
1	329.	330.	329.	324.	335.	325.	322.	316.	313.	318.	309.	309.	319.	303.	315.	317.	320.	331.	332.	352.	346.	334.	317.	315.	
2	313.	298.	308.	300.	304.	299.	300.	318.	319.	321.	316.	320.	315.	308.	312.	320.	321.	326.	319.	319.	322.	348.	351.	323.	
3	316.	317.	311.	321.	321.	318.	311.	318.	333.	350.	348.	343.	3.	336.	347.	337.	354.	313.	354.	313.	353.	339.	355.	7.	
4	25.	11.	14.	7.	344.	314.	340.	344.	335.	349.	340.	327.	316.	308.	315.	312.	314.	315.	317.	322.	321.	323.	317.	320.	
5	321.	312.	322.	320.	313.	308.	296.	301.	323.	318.	322.	320.	326.	317.	314.	307.	305.	291.	296.	325.	323.	321.	320.	325.	
6	321.	328.	344.	341.	327.	347.	332.	326.	319.	323.	325.	311.	320.	319.	307.	319.	320.	316.	323.	311.	313.	313.	290.	233.	
7	272.	283.	283.	287.	288.	283.	280.	276.	277.	275.	287.	296.	294.	300.	298.	300.	301.	291.	296.	307.	315.	320.	313.	323.	
8	312.	309.	277.	262.	298.	264.	260.	273.	247.	264.	263.	276.	274.	253.	251.	221.	243.	235.	225.	233.	255.	273.	284.	283.	
9	283.	286.	313.	305.	318.	317.	292.	285.	304.	344.	350.	312.	262.	277.	282.	291.	278.	306.	277.	287.	1.	188.	317.	355.	
10	16.	2.	61.	46.	98.	142.	19.	109.	121.	124.	133.	137.	140.	143.	142.	141.	136.	137.	145.	149.	153.	161.	159.	161.	
11	163.	164.	172.	174.	236.	295.	298.	252.	234.	211.	255.	277.	279.	286.	286.	289.	285.	294.	287.	280.	276.	288.	269.	233.	
12	260.	244.	267.	297.	300.	293.	294.	266.	281.	289.	307.	308.	306.	303.	301.	294.	277.	279.	276.	265.	262.	258.	257.	260.	
13	257.	243.	239.	250.	261.	267.	276.	251.	195.	232.	275.	272.	279.	281.	223.	223.	236.	227.	235.	233.	229.	265.	102.	42.	
14	24.	298.	351.	347.	332.	320.	221.	207.	171.	158.	171.	170.	181.	166.	169.	179.	171.	153.	163.	177.	192.	195.	200.	211.	
15	228.	227.	233.	264.	256.	237.	243.	273.	285.	289.	310.	304.	308.	302.	311.	313.	311.	309.	311.	310.	312.	316.	313.	325.	
16	337.	331.	182.	207.	251.	249.	259.	105.	193.	178.	183.	191.	178.	179.	168.	141.	139.	147.	132.	130.	131.	136.	128.	111.	
17	114.	108.	101.	38.	54.	360.	330.	335.	3.	322.	312.	306.	309.	308.	306.	321.	322.	320.	323.	330.	325.	318.	317.	320.	
18	326.	334.	323.	324.	326.	334.	326.	328.	343.	348.	1.	329.	332.	341.	310.	318.	320.	278.	258.	147.	4.	74.	64.	62.	
19	20.	73.	92.	314.	342.	5.	322.	97.	107.	148.	158.	176.	170.	166.	166.	158.	155.	155.	161.	166.	170.	165.	166.	168.	
20	166.	160.	169.	192.	7.	139.	114.	325.	165.	172.	186.	198.	220.	257.	251.	307.	316.	323.	326.	318.	313.	317.	320.	310.	
21	308.	316.	306.	301.	295.	281.	277.	284.	289.	293.	296.	299.	302.	299.	297.	297.	300.	302.	304.	304.	298.	295.	293.	294.	
22	301.	307.	305.	312.	311.	294.	294.	293.	283.	292.	302.	285.	235.	227.	246.	217.	190.	184.	199.	192.	177.	187.	176.	186.	
23	210.	185.	183.	177.	188.	125.	139.	194.	223.	202.	205.	173.	187.	187.	195.	179.	207.	202.	199.	178.	212.	233.	248.	240.	
24	253.	301.	296.	304.	308.	307.	300.	300.	293.	290.	296.	297.	300.	302.	299.	293.	297.	299.	298.	303.	322.	323.	326.	304.	
25	321.	321.	319.	8.	83.	47.	285.	293.	8.	52.	87.	146.	165.	181.	174.	170.	144.	139.	146.	138.	139.	146.	144.	160.	
26	163.	152.	152.	143.	138.	161.	148.	231.	269.	295.	306.	298.	293.	296.	295.	296.	290.	240.	261.	288.	272.	250.	269.	280.	
27	299.	311.	307.	295.	302.	301.	302.	310.	305.	312.	317.	316.	310.	311.	307.	303.	318.	258.	283.	249.	265.	282.	288.	271.	
28	271.	265.	273.	271.	270.	271.	242.	240.	229.	245.	254.	258.	272.	277.	270.	259.	244.	216.	189.	194.	199.	233.	254.	264.	
29	262.	266.	280.	288.	272.	257.	267.	249.	271.	264.	272.	289.	287.	285.	304.	72.	122.	170.	159.	174.	178.	181.	187.	174.	
30	320.	214.	121.	42.	50.	87.	92.	72.	41.	99.	68.	32.	133.	175.	174.	174.	174.	193.	247.	177.	180.	184.	190.	209.	

Number of valid hours: 720

Monthly mean: n/a

Missing data = "..."

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

NOVEMBER 1998

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND SPEED (SCALAR)  
Units: miles/hour  
Collection Method: INSTRUMENTAL  
Analysis Method: ELECTRONIC OR MACHINE AVG.

DAY	HOUR BEGINNING -----																							DAILY MEAN	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22		23
1	3.6	3.6	3.6	2.5	2.6	2.4	2.2	2.2	3.3	6.5	5.6	5.8	6.2	6.7	7.1	7.5	5.9	5.7	5.6	3.6	2.5	2.2	2.3	2.5	4.2
2	2.6	4.3	4.1	3.6	4.2	4.0	5.0	6.5	9.0	9.5	9.9	8.6	7.4	7.7	8.0	7.4	5.5	1.5	1.8	0.9	1.2	2.7	2.7	1.7	5.0
3	1.2	2.1	2.2	2.5	2.8	2.5	3.2	3.3	3.2	4.6	4.1	2.5	3.9	3.0	2.7	3.1	0.8	0.2	0.2	0.2	0.2	0.2	0.6	2.3	2.1
4	2.8	2.7	2.6	0.5	0.2	0.2	1.1	2.9	2.2	5.0	4.9	6.1	6.1	9.3	7.5	6.4	4.5	4.5	5.4	5.0	4.6	1.9	1.5	1.4	3.7
5	2.4	2.4	2.6	3.8	3.0	3.0	2.7	3.0	3.8	4.5	5.0	5.4	5.2	6.0	6.6	5.9	4.0	3.5	3.3	2.9	2.0	2.4	2.5	2.3	3.7
6	2.9	3.2	3.2	3.3	2.0	2.1	1.7	2.6	3.9	6.1	6.1	8.0	7.9	8.2	9.0	7.8	5.8	4.9	4.7	2.3	3.1	1.8	0.4	0.5	4.2
7	0.5	1.8	2.4	4.2	5.7	4.9	5.8	5.6	6.1	6.8	8.1	10.3	10.6	9.0	8.8	8.5	6.2	7.0	4.5	6.6	6.8	4.2	2.7	2.9	5.8
8	3.5	2.2	2.1	1.4	0.7	0.8	1.3	1.5	0.9	1.5	2.3	3.4	3.9	4.0	3.5	3.2	3.8	3.7	1.8	3.3	4.3	4.0	3.5	2.0	2.6
9	2.0	2.4	2.2	2.0	1.4	1.2	1.4	1.7	2.4	1.7	2.4	1.4	0.7	1.2	1.1	0.7	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	1.1
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.8	4.1	4.9	5.9	7.0	8.0	10.3	11.1	9.9	8.4	10.4	9.8	11.5	10.5	9.5	10.1	9.1	6.0
11	8.1	6.1	8.0	7.8	9.2	11.0	6.1	2.4	3.5	3.2	5.1	10.5	13.3	13.2	10.5	8.9	6.9	7.8	4.7	4.6	3.5	2.5	3.1	1.0	6.7
12	0.8	1.0	1.8	1.8	3.7	3.8	5.3	4.0	5.0	6.1	9.8	8.9	8.1	7.3	7.1	6.0	3.1	3.7	3.0	3.6	3.7	3.1	2.3	3.2	4.4
13	3.3	2.7	2.5	2.6	1.6	1.7	2.0	2.2	2.9	3.6	3.5	5.2	9.5	8.7	5.3	4.6	2.7	2.4	2.5	1.7	0.8	0.3	0.2	0.2	3.0
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	1.6	2.7	3.6	3.2	3.7	4.3	3.2	2.2	2.0	0.2	0.5	1.7	2.4	2.5	3.2	1.6
15	3.4	3.4	3.1	3.5	5.4	5.3	3.6	2.6	6.3	8.7	13.9	12.4	13.1	12.9	10.1	10.4	8.0	4.4	5.8	5.7	7.3	6.3	2.0	1.9	6.6
16	2.2	2.7	2.1	1.0	0.9	2.3	2.0	0.6	0.6	2.1	2.7	3.0	3.2	3.4	3.3	4.6	4.2	4.2	4.0	4.1	3.7	3.2	2.7	3.7	2.8
17	3.6	1.4	1.3	0.6	0.4	0.2	0.9	1.5	1.3	4.2	4.9	6.9	9.1	10.6	11.2	8.0	6.7	7.9	6.6	7.9	7.3	5.8	5.7	5.6	5.0
18	3.8	4.3	6.0	5.3	6.0	4.4	3.8	3.1	4.2	5.4	4.9	4.7	4.0	3.3	3.1	1.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2.9
19	0.2	1.1	1.6	0.2	0.2	1.0	0.5	0.7	0.6	4.7	4.9	5.0	5.6	5.4	6.6	6.2	6.8	5.4	5.2	3.0	3.7	3.2	3.2	1.6	3.2
20	1.3	0.9	1.3	1.3	0.7	0.5	1.1	0.5	1.3	2.9	2.3	2.9	2.6	2.0	3.0	7.1	9.6	8.0	5.6	5.8	7.2	5.8	7.4	4.6	3.6
21	5.8	7.9	5.2	5.8	3.9	5.1	4.7	6.4	9.2	12.1	13.3	14.1	13.6	11.9	9.7	9.2	10.3	9.3	9.2	10.5	8.2	6.8	6.0	5.9	8.5
22	5.9	6.4	4.2	4.2	2.7	2.1	1.7	0.9	0.4	2.4	3.3	3.6	3.2	3.3	3.2	3.5	1.5	0.7	0.2	1.0	1.4	0.8	1.6	0.3	2.4
23	0.2	0.2	0.3	1.2	0.7	0.2	0.2	0.9	2.1	2.8	3.7	4.7	4.9	4.6	4.6	3.4	3.4	2.8	3.7	3.2	5.1	5.8	6.4	5.2	2.9
24	5.1	7.4	7.9	9.1	9.2	7.5	7.1	5.6	5.6	8.5	10.1	11.2	13.0	13.8	13.5	11.5	6.9	6.6	5.9	4.3	1.9	3.7	2.3	0.4	7.4
25	1.4	1.2	2.6	2.2	0.2	0.2	0.2	0.2	0.2	2.8	0.3	2.2	2.4	3.6	2.9	3.1	4.0	5.1	4.8	4.8	6.3	6.2	5.3	4.3	2.8
26	6.0	7.2	9.3	8.2	11.5	5.5	2.2	2.9	7.8	12.1	13.9	14.3	16.8	14.0	12.5	11.9	6.1	3.1	5.3	5.3	3.9	5.2	6.0	6.4	8.2
27	6.8	8.4	10.8	7.9	9.6	11.2	10.6	11.0	11.7	13.6	12.7	12.2	10.7	11.2	11.6	9.0	5.4	2.8	3.6	3.2	3.2	3.5	4.4	2.8	8.3
28	1.0	0.8	3.4	2.6	3.9	3.9	4.3	4.1	4.4	5.8	7.5	7.8	9.1	8.7	7.7	5.9	2.8	3.1	2.2	2.2	2.5	2.8	1.5	1.3	4.1
29	3.1	4.0	4.0	2.1	2.0	0.8	0.4	0.9	0.3	3.1	4.3	4.5	5.0	2.2	1.5	0.2	0.3	0.4	0.2	0.6	0.4	0.2	0.3	0.2	1.7
30	0.2	0.2	0.3	0.2	0.3	1.3	1.9	0.5	0.2	1.0	0.2	0.4	0.3	2.3	2.8	1.4	1.1	0.4	0.2	1.1	1.1	1.6	2.7	4.6	1.1

Number of valid hours: 720

Monthly mean: 4.2

Missing data = "..."

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

DECEMBER 1998

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND DIRECTION (VECTOR)  
Units: degrees, compass  
Collection Method: INSTRUMENTAL  
Analysis Method: VECTOR SUMMATION

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	DAILY MEAN
1	212.	223.	223.	231.	229.	273.	289.	288.	305.	306.	303.	307.	312.	310.	316.	307.	301.	285.	285.	287.	284.	277.	254.	249.	
2	239.	255.	262.	262.	264.	270.	258.	...	...	...	...	...	207.	196.	206.	193.	181.	191.	214.	224.	222.	218.	225.		
3	228.	268.	270.	283.	235.	226.	219.	198.	215.	243.	228.	235.	256.	251.	199.	218.	181.	196.	207.	223.	219.	227.	235.	230.	
4	234.	222.	249.	255.	263.	271.	285.	266.	243.	255.	269.	273.	288.	291.	290.	290.	291.	275.	265.	275.	273.	273.	282.	281.	
5	291.	292.	288.	346.	27.	177.	162.	211.	121.	183.	141.	168.	215.	155.	135.	119.	114.	111.	91.	104.	90.	79.	78.	57.	
6	38.	5.	6.	3.	349.	359.	3.	273.	329.	184.	181.	220.	195.	199.	194.	197.	167.	169.	145.	177.	183.	183.	176.	175.	
7	204.	202.	190.	205.	200.	214.	204.	224.	227.	227.	232.	249.	266.	279.	291.	307.	324.	318.	316.	321.	39.	41.	27.	52.	
8	61.	51.	45.	61.	74.	104.	112.	121.	108.	107.	101.	84.	50.	138.	134.	250.	180.	275.	321.	332.	311.	321.	329.	357.	
9	350.	9.	5.	347.	344.	3.	356.	351.	335.	330.	325.	324.	321.	309.	315.	314.	305.	280.	256.	260.	276.	267.	280.	283.	
10	298.	301.	300.	316.	288.	293.	293.	288.	289.	276.	289.	281.	284.	271.	252.	273.	270.	238.	226.	237.	236.	263.	275.	...	
11	301.	306.	305.	304.	302.	306.	301.	291.	283.	300.	311.	312.	320.	320.	318.	315.	314.	309.	284.	293.	300.	3.	316.	268.	
12	285.	262.	275.	273.	278.	213.	202.	212.	202.	199.	222.	209.	236.	234.	213.	207.	199.	208.	217.	210.	205.	251.	209.	181.	
13	222.	218.	174.	223.	255.	89.	68.	37.	283.	108.	6.	8.	18.	15.	25.	337.	329.	348.	335.	341.	341.	354.	359.		
14	351.	358.	1.	360.	6.	353.	357.	1.	359.	358.	6.	7.	353.	6.	356.	350.	331.	347.	287.	297.	296.	308.	293.	295.	
15	299.	258.	282.	265.	273.	281.	262.	264.	266.	257.	266.	250.	250.	241.	238.	199.	186.	200.	205.	206.	233.	236.	261.	228.	
16	316.	205.	228.	205.	263.	340.	327.	327.	160.	328.	349.	320.	322.	319.	316.	318.	321.	304.	255.	276.	339.	277.	217.	203.	
17	269.	193.	226.	152.	357.	2.	316.	329.	212.	241.	288.	303.	304.	298.	304.	301.	305.	298.	300.	300.	300.	310.	312.	300.	
18	292.	282.	282.	286.	286.	295.	300.	317.	309.	312.	310.	300.	303.	301.	302.	298.	302.	267.	173.	189.	174.	167.	170.	170.	
19	169.	170.	172.	166.	169.	171.	169.	163.	169.	175.	216.	209.	198.	207.	209.	182.	188.	178.	196.	196.	195.	207.	196.	222.	
20	219.	328.	212.	291.	309.	335.	9.	352.	1.	20.	42.	28.	51.	61.	83.	56.	31.	44.	92.	117.	122.	123.	118.	116.	
21	114.	113.	106.	15.	72.	62.	123.	152.	126.	155.	155.	164.	205.	173.	184.	174.	173.	173.	163.	171.	174.	175.	185.		
22	200.	204.	201.	203.	204.			281.	303.	309.	303.	305.	302.	299.	296.	300.	306.	305.	306.	308.	307.	318.	318.	323.	
23	318.	319.	324.	324.	332.	10.	318.	343.	333.		54.	90.	282.	12.	8.	171.	48.	42.	134.	314.	49.	18.	332.	346.	
24	2.	2.	354.	352.	351.	339.	336.	325.	319.	321.	320.	317.	314.	303.	310.	301.	287.	275.	254.	261.	270.	295.	310.	318.	
25	313.	313.	309.	301.	310.	313.	308.	295.	302.	319.	317.	312.	307.	293.	277.	281.	254.	215.	206.	177.	208.	177.	222.	195.	
26	282.	153.	346.	355.	357.	18.	14.	334.	14.	312.	125.	161.	261.	208.	211.	239.	252.	262.	247.	268.	255.	264.	292.	299.	
27	298.	289.	281.	225.	226.	249.	248.	261.	229.	212.	164.	176.	165.	149.	163.	170.	160.	161.	151.	135.	161.	174.	168.	166.	
28	190.	180.	161.	200.	36.	169.	195.		15.	343.	351.	6.	32.	41.	19.	68.	346.	8.	6.	3.	40.	27.	26.	35.	
29	21.	29.	57.	62.	53.	26.	43.	56.	31.	38.	330.	31.	25.	7.	345.	330.	334.	326.	331.	336.	304.	286.	283.	279.	
30	282.	291.	287.	268.	281.	289.	308.	309.	307.	310.	317.	320.	317.	316.	318.	308.	307.	304.	300.	305.	312.	311.	279.	267.	
31	245.	268.	275.	272.	280.	254.	245.	246.	240.	236.	218.	216.	212.	208.	207.	220.	263.	254.	272.	249.	233.	246.	263.	224.	

Number of valid hours: 733

Monthly mean: n/a

Missing data = "..."



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

DECEMBER 1998

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND SPEED (SCALAR)  
Units: miles/hour  
Collection Method: INSTRUMENTAL  
Analysis Method: ELECTRONIC OR MACHINE AVG.

DAY	HOUR BEGINNING -----																							DAILY	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MEAN
1	5.1	6.3	4.6	6.1	5.9	6.6	8.6	8.6	12.8	16.5	15.1	17.4	18.0	15.6	13.3	10.1	8.0	6.1	6.1	5.9	5.4	3.8	3.8	1.5	8.8
2	2.8	4.5	5.3	5.1	3.6	2.4	2.7	...	...	...	...	...	...	5.0	4.9	5.0	3.2	2.3	2.7	2.0	3.9	3.2	2.1	3.5	3.6
3	3.4	3.2	2.7	1.0	1.2	1.4	2.4	1.6	1.8	2.6	4.3	5.6	6.4	5.5	3.7	3.9	3.1	3.1	3.2	3.0	2.8	4.2	4.4	2.7	3.2
4	2.4	3.4	4.1	4.7	4.8	2.1	0.7	1.9	3.7	5.2	6.1	7.8	8.3	9.4	8.5	6.9	6.2	3.9	3.8	3.9	4.3	2.4	2.3	0.2	4.4
5	1.8	1.7	0.6	0.3	0.2	0.2	1.2	0.2	0.6	0.2	0.7	2.0	0.5	2.5	3.3	1.4	0.8	1.0	1.4	3.8	3.3	3.3	2.4	1.7	1.5
6	1.0	1.4	2.2	1.8	0.5	0.2	0.2	0.7	0.5	0.6	2.0	1.0	2.8	3.7	3.3	2.7	2.1	0.2	0.2	0.3	0.6	1.0	1.2	2.4	1.3
7	2.6	3.1	2.9	4.5	4.4	5.0	3.1	3.6	5.1	7.4	6.6	7.1	9.3	7.5	5.5	5.8	5.2	4.2	5.0	3.3	5.1	5.8	5.2	4.9	5.1
8	5.8	4.6	5.0	5.0	4.0	4.2	6.3	6.5	5.2	6.7	5.0	1.3	0.6	2.8	2.5	0.7	0.5	2.1	6.2	2.2	3.9	6.0	5.4	2.7	4.0
9	2.7	4.8	6.8	5.5	6.2	6.6	6.1	5.1	5.9	6.4	8.9	8.7	9.1	8.6	7.8	7.0	3.4	2.3	1.9	2.7	2.2	2.9	0.6	1.7	5.2
10	3.2	3.7	4.1	1.4	1.4	1.9	0.2	0.2	0.2	0.9	4.2	5.1	5.0	5.5	4.8	6.0	4.4	2.7	2.4	2.9	3.0	3.8	4.1	...	3.1
11	5.0	4.4	5.8	6.9	5.4	7.2	9.0	6.0	5.6	8.4	12.3	12.4	11.5	11.3	12.2	9.2	4.7	3.2	2.2	1.2	0.2	0.2	0.2	0.2	6.0
12	0.2	0.2	1.7	0.3	0.2	0.2	0.2	0.3	2.3	2.9	2.5	4.2	4.7	4.9	4.6	3.8	2.1	1.9	1.9	1.7	2.0	1.0	0.6	0.7	1.9
13	2.0	0.4	0.2	0.7	0.2	0.2	0.2	0.2	0.2	0.4	1.0	3.7	3.9	2.1	0.3	1.4	3.3	1.1	0.9	4.1	4.1	5.6	5.8	1.8	1.8
14	6.6	7.4	6.6	6.4	3.7	4.6	6.1	5.6	6.9	7.3	8.0	6.7	6.9	7.3	6.0	4.7	4.2	0.8	0.4	0.2	0.4	0.5	0.2	0.2	4.5
15	0.2	0.3	0.2	0.2	0.2	0.2	0.5	4.2	3.7	4.1	5.1	5.5	5.5	5.2	4.2	3.7	2.5	1.7	1.1	2.0	2.0	3.4	1.2	0.4	2.4
16	0.2	0.9	0.3	0.6	0.4	0.5	2.7	3.4	1.5	3.1	2.0	3.2	3.2	6.5	6.0	6.4	4.7	1.9	2.3	1.2	1.2	1.2	1.4	0.5	2.3
17	1.1	1.8	0.9	1.1	1.7	1.0	2.2	0.7	1.3	3.2	6.3	7.5	8.1	9.4	10.0	9.1	7.5	6.8	8.5	11.5	11.3	11.0	8.9	8.7	5.8
18	7.1	6.7	6.0	6.3	7.2	10.1	10.6	7.5	4.0	9.6	10.3	11.0	9.3	8.1	8.4	6.1	1.2	0.2	0.7	0.2	0.2	0.7	1.1	2.6	5.6
19	3.2	3.2	4.1	4.6	4.2	4.0	4.0	4.7	4.3	3.1	6.3	6.5	5.0	6.7	5.0	3.0	3.0	2.6	3.9	2.9	2.4	2.5	2.2	1.3	3.9
20	0.4	0.2	0.8	0.5	0.2	0.8	2.6	2.5	2.8	2.6	4.4	4.2	2.5	2.0	1.0	0.6	0.3	0.2	0.3	0.8	4.9	6.0	4.2	3.7	2.0
21	2.7	3.4	3.2	0.2	0.2	0.2	0.2	0.2	2.0	3.8	6.5	4.9	3.4	3.5	4.0	4.2	3.3	4.2	5.8	6.3	5.5	5.3	5.3	6.7	3.5
22	8.7	8.1	7.5	9.0	10.0	...	...	11.1	15.9	18.4	18.8	15.7	18.3	18.2	15.0	16.1	13.6	13.6	14.1	12.9	11.7	11.3	9.7	8.0	13.0
23	6.5	5.3	4.1	3.6	1.8	1.2	0.2	0.2	0.2	...	2.5	1.7	1.7	0.7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	1.7	2.4	1.6
24	2.9	2.9	2.7	3.4	3.6	3.2	3.7	4.2	5.4	5.6	6.1	7.2	6.8	6.1	6.2	5.3	3.2	3.6	3.2	4.2	4.9	4.2	6.2	7.5	4.7
25	6.8	6.3	4.1	4.2	4.5	4.6	3.0	3.2	2.3	3.9	5.5	5.3	3.8	3.3	3.4	2.4	0.5	0.2	0.8	2.1	1.8	1.5	1.5	1.0	3.2
26	1.3	1.1	0.9	0.4	0.8	0.5	1.4	0.9	1.0	0.5	0.7	2.1	2.7	2.3	2.5	3.2	3.2	3.1	2.6	2.0	3.5	3.9	4.2	2.8	2.0
27	3.4	2.2	1.7	2.1	1.4	1.3	1.2	1.3	0.8	0.8	1.5	3.2	3.3	4.5	4.1	3.7	4.9	5.3	3.1	2.5	3.6	1.1	1.6	2.4	2.5
28	0.8	0.7	0.7	0.2	0.2	0.2	0.2	...	0.2	0.3	1.9	3.9	1.7	1.8	2.5	1.4	1.7	2.0	2.8	3.5	3.8	3.4	2.7	2.8	1.7
29	2.5	3.0	3.4	2.9	2.3	1.3	2.0	2.2	1.0	2.0	0.8	2.3	2.7	2.0	2.4	2.8	1.3	1.8	1.3	0.2	0.2	0.7	1.5	3.3	1.9
30	4.6	5.9	3.9	3.4	4.8	8.5	14.5	15.3	17.5	17.9	18.0	15.9	17.7	17.1	15.7	16.1	14.5	13.4	13.2	10.9	8.2	3.7	3.2	4.7	11.2
31	3.6	4.1	3.9	3.5	3.2	3.5	3.5	2.7	2.4	2.5	3.4	3.7	3.6	3.6	2.7	2.2	2.3	2.1	2.8	2.3	3.0	3.4	4.2	1.6	3.1

Number of valid hours: 733

Monthly mean: 4.0

Missing data = "..."

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

JANUARY 1999

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND DIRECTION (VECTOR)  
Units: degrees, compass  
Collection Method: INSTRUMENTAL  
Analysis Method: VECTOR SUMMATION

DAY	HOUR BEGINNING -----																							DAILY MEAN		
00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23			
1	244.	237.	258.	270.	270.	284.	278.	276.	286.	298.	299.	300.	299.	297.	301.	309.	307.	301.	293.	308.	338.	345.	354.	355.		
2	356.	20.	26.	43.	43.	25.	38.	33.	49.	35.	341.	20.	48.	55.	79.	91.	85.	73.	88.	90.	90.	87.	83.	88.		
3	95.	91.	94.	106.	111.	134.	148.	165.	125.	127.	248.	305.	308.	307.	300.	301.	304.	309.	309.	302.	308.	306.	299.	296.		
4	299.	294.	290.	286.	294.	289.	284.	285.	287.	287.	289.	283.	279.	289.	283.	292.	289.	288.	297.	300.	297.	298.	302.	297.		
5	301.	290.	290.	300.	297.	301.	306.	307.	306.	313.	304.	307.	297.	304.	302.	296.	293.	292.	287.	280.	283.	283.	281.	281.		
6	284.	282.	298.	311.	262.	240.	174.	163.	161.	158.	161.	174.	184.	198.	204.	190.	192.	182.	182.	169.	175.	175.	185.	203.		
7	226.	226.	241.	251.	248.	250.	287.	303.	304.	312.	305.	303.	299.	296.	293.	290.	286.	291.	296.	291.	296.	301.	325.	341.		
8	355.	8.	34.	32.	63.	89.	70.	94.	102.	111.	127.	94.	70.	44.	30.	43.	28.	38.	40.	359.	164.	181.	190.	173.		
9	186.	174.	185.	177.	171.	175.	169.	172.	178.	191.	180.	211.	246.	264.	306.	311.	310.	312.	317.	312.	309.	314.	307.	311.		
10	315.	313.	311.	312.	312.	312.	312.	312.	312.	312.	312.	312.	304.	299.	304.	290.	261.	215.	187.	167.	179.	183.	172.	174.	195.	
11	192.	260.	278.	305.	307.	292.	288.	296.	305.	311.	310.	298.	298.	296.	301.	297.	284.	187.	133.	137.	149.	145.	143.	136.		
12	153.	159.	173.	192.	199.	206.	206.	219.	220.	224.	233.	229.	219.	221.	211.	189.	177.	176.	181.	181.	177.	173.	173.	177.		
13	182.	184.	201.	199.	206.	195.	202.	197.	226.	196.	214.	211.	213.	236.	209.	127.	29.	38.	29.	33.	42.	48.	56.	61.		
14	52.	51.	58.	60.	56.	54.	56.	58.	57.	55.	53.	54.	51.	53.	56.	54.	54.	50.	50.	58.	50.	55.	53.	42.		
15	50.	49.	48.	57.	77.	109.	294.	313.	295.	301.	307.	298.	296.	292.	291.	289.	287.	287.	289.	299.	299.	299.	299.	299.		
16	299.	299.	299.	299.	299.	299.	299.	299.	299.	265.	173.	184.	202.	199.	208.	197.	201.	185.	186.	181.	199.	212.	233.	262.	278.	
17	273.	246.	209.	250.	262.	269.	317.	264.	341.	265.	299.	280.	9.	33.	112.	142.	145.	138.	141.	141.	143.	131.	136.	137.		
18	138.	139.	135.	123.	137.	145.	137.	142.	153.	145.	151.	152.	152.	161.			299.	296.	289.	242.	183.	179.	179.	255.		
19	274.	266.	280.	290.	278.	274.	269.	258.	253.	255.		270.	275.	279.	275.	268.	260.	254.	249.	257.	278.	272.	265.	280.		
20	270.	265.	273.	275.	263.	236.	243.	260.	272.	276.	228.	120.	25.	240.	216.	252.	210.	182.	172.	144.	135.	320.	28.	359.		
21	76.	2.	9.	15.	4.	15.	29.	51.	36.	71.	76.	99.	99.	78.	72.	20.	33.	40.	60.	69.	71.	355.	11.	18.		
22	22.	32.	11.	35.	48.	59.	82.	95.	67.	73.	88.	88.	93.	80.	81.	92.	89.	90.	91.	78.	80.	86.	78.	76.		
23	81.	76.	74.	76.	66.	69.	68.	76.	74.	78.	87.	118.	133.	141.	142.	142.	141.	141.	142.	140.	148.	151.	155.	153.		
24	162.	183.	187.	173.	180.	177.	172.	173.	260.	316.	307.	299.	299.	310.	304.	311.	312.	305.	310.	306.	305.	300.	293.	296.		
25	301.	298.	296.	303.	295.	286.	291.	300.	290.	292.	293.	276.	277.	274.	296.	295.	303.	289.	294.	299.	302.	311.	318.	325.		
26	328.	335.	317.	323.	290.	284.	150.	200.	227.	267.	282.	286.	282.	284.	279.	281.	280.	227.	208.	236.	237.	254.	262.	282.		
27	168.	230.	260.	270.	284.	227.	17.	16.	10.	136.	142.	149.	154.	162.	176.	166.	198.	187.	212.	3.	181.	39.	27.	32.		
28	3.	343.	11.	85.	210.	280.	353.	3.	190.	190.	184.	266.	274.	120.	121.	109.	96.	79.	74.	46.	40.	37.	16.	16.		
29	348.	320.	314.	307.	309.	297.	282.	287.	297.	315.	351.	337.	323.	307.	315.	324.	318.	326.	331.	355.	39.	314.	358.	12.		
30	249.	241.	323.	22.	35.	18.	337.	301.	314.	329.	314.	307.	319.	318.	300.	320.	343.	322.	307.	348.	13.	5.	359.	2.		
31	25.	19.	18.	23.	19.	28.	47.	44.	48.	43.	47.	70.	67.	82.	85.	108.	137.	154.	164.	114.	287.	263.	269.	273.		

Number of valid hours: 741

Monthly mean: n/a

Missing data = "..."

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

JANUARY 1999

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND SPEED (SCALAR)  
Units: miles/hour  
Collection Method: INSTRUMENTAL  
Analysis Method: ELECTRONIC OR MACHINE AVG.

DAY	HOUR BEGINNING -----																							DAILY	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MEAN
1	2.8	3.7	5.4	5.4	4.9	6.2	5.8	5.1	6.1	11.3	14.2	13.4	13.1	14.6	14.5	13.6	10.9	7.2	3.4	4.2	4.3	5.4	4.9	5.2	7.7
2	4.4	2.9	2.9	2.7	1.5	1.3	0.7	0.2	2.6	3.0	2.2	2.1	5.2	5.1	5.0	4.7	3.9	5.2	5.4	7.0	7.3	8.0	9.0	10.1	4.3
3	10.6	10.3	9.8	10.9	10.6	18.1	22.5	10.5	2.7	8.2	8.5	7.4	9.6	12.3	12.8	13.0	10.6	10.6	12.3	10.3	10.0	10.9	8.9	9.2	10.8
4	10.8	9.1	8.2	8.3	7.0	7.0	7.5	8.4	8.4	9.8	9.5	10.8	10.6	10.4	10.5	10.0	10.2	7.9	8.0	10.3	7.4	9.8	8.3	7.6	9.0
5	6.9	5.6	2.8	3.2	5.9	6.5	7.8	8.2	8.1	9.2	8.0	8.1	6.9	7.1	6.3	5.4	4.7	3.4	1.7	3.9	2.3	2.9	3.4	1.8	5.4
6	3.1	1.9	1.2	0.2	0.3	0.2	1.0	0.6	2.1	5.4	5.8	5.4	5.5	5.9	6.2	5.2	5.0	3.3	3.3	2.8	3.0	2.6	3.7	3.9	3.2
7	5.7	5.9	6.6	6.6	6.3	6.5	9.2	9.3	12.0	12.3	12.3	12.0	11.3	11.3	9.0	8.0	8.2	6.5	5.2	3.0	0.7	0.5	2.0	3.4	7.2
8	4.4	3.3	1.7	1.2	0.8	0.8	2.4	3.8	4.8	5.1	4.4	3.5	3.4	3.8	2.9	3.0	2.6	2.2	2.2	0.3	1.7	2.5	3.5	3.9	2.8
9	3.4	3.7	2.8	2.8	2.9	2.7	2.2	1.8	2.0	2.0	2.8	3.5	5.5	7.4	13.1	13.4	12.6	13.6	11.2	9.4	11.2	10.4	10.8	11.7	6.8
10	10.1	9.2	8.4	8.9	8.8	7.5	7.3	7.3	7.1	8.3	7.4	6.2	5.5	3.9	4.2	1.7	1.1	1.0	2.1	2.2	1.4	2.2	1.3	0.8	5.2
11	1.0	3.0	5.8	8.9	9.4	7.5	7.7	11.4	12.4	11.3	10.4	9.3	7.6	7.8	6.7	4.9	2.6	0.4	1.2	2.0	2.2	4.8	4.0	5.2	6.1
12	4.2	2.6	0.8	2.3	3.4	5.0	4.9	4.4	4.0	5.3	6.7	6.1	4.8	5.0	4.6	2.2	1.6	1.4	0.9	0.9	0.5	1.4	0.5	1.5	3.1
13	0.2	0.7	2.3	2.3	2.1	1.8	2.5	2.5	2.0	1.9	2.7	2.6	2.1	0.5	0.2	0.2	5.3	8.4	8.1	9.7	8.7	7.9	10.3	3.6	
14	9.5	8.1	8.6	8.6	7.8	7.6	7.4	8.7	9.0	8.3	8.3	9.0	8.5	8.0	8.2	7.7	8.5	8.0	8.1	8.3	8.0	8.5	5.9	0.5	7.9
15	0.1	0.1	0.1	0.1	0.1	1.8	6.7	5.2	4.8	1.9	7.4	10.3	9.0	13.3	11.9	10.4	11.0	13.0	9.8	8.5	6.1	6.6	5.4	4.9	6.2
16	2.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.2	3.9	5.3	5.4	6.5	4.7	4.7	2.6	2.2	2.4	3.1	3.9	4.2	5.6	4.1	2.7
17	4.0	1.3	0.5	1.4	1.2	1.0	0.2	0.4	0.2	0.5	1.3	2.4	2.2	2.2	3.7	5.7	4.9	4.1	5.8	4.3	3.9	3.9	4.8	5.0	2.7
18	5.5	4.7	3.3	3.1	6.8	5.4	5.0	6.1	7.3	8.7	9.5	10.9	12.3	11.1			16.8	9.4	5.9	3.2	2.6	2.4	2.1	2.8	6.6
19	4.1	5.1	4.7	5.8	4.8	5.7	6.1	6.6	8.1	9.2		11.4	11.5	10.6	11.6	8.5	6.1	4.9	4.4	4.5	3.7	4.4	4.1	4.0	6.5
20	4.1	5.8	6.3	6.1	2.5	1.8	2.9	3.1	2.9	0.4	0.5	0.8	0.9	3.6	3.0	1.2	0.7	0.4	0.8	1.1	0.2	0.2	0.2	0.2	2.1
21	0.3	0.4	0.2	0.2	0.3	0.2	0.3	1.0	4.4	3.5	3.3	3.1	4.4	3.4	2.8	3.7	4.4	4.7	3.2	3.4	2.6	2.5	2.6	3.6	2.4
22	3.5	3.0	0.2	4.1	5.5	6.3	5.3	4.8	4.0	5.7	5.2	5.6	5.5	4.9	5.3	5.8	5.6	6.1	5.9	6.6	5.7	6.1	5.2	6.1	5.1
23	6.6	6.4	6.1	7.0	5.8	4.9	4.4	4.8	4.0	3.4	3.2	4.3	5.3	7.5	7.2	7.4	7.8	9.3	8.3	7.0	7.4	8.6	7.7	8.0	6.3
24	6.9	5.0	3.6	4.4	4.3	4.2	4.0	3.9	6.3	4.6	2.0	1.3	6.6	7.5	9.5	7.4	10.2	12.8	14.7	13.1	14.5	11.2	8.6	9.3	7.3
25	8.9	8.3	8.9	9.7	7.8	5.7	6.4	5.7	6.1	6.6	5.2	4.8	7.0	6.3	5.8	2.3	0.8	3.1	8.3	7.5	6.1	3.9	5.3	4.4	6.0
26	4.9	3.2	2.8	2.1	0.7	0.8	0.9	0.7	1.9	3.2	3.8	6.3	5.9	6.5	6.4	6.9	4.7	1.7	1.9	3.4	2.2	1.0	1.2	1.0	3.1
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.7	4.4	5.9	4.9	4.1	3.7	2.8	2.2	2.5	0.6	2.1	1.9	2.8	0.3	0.3	1.8
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	1.5	1.6	2.4	5.1	4.5	3.5	4.9	3.4	2.0	2.9	3.6	3.2	3.8	2.4	2.8	2.1
29	2.5	3.9	4.2	6.8	6.2	4.6	5.2	7.5	8.3	7.4	7.3	9.0	10.0	8.2	8.5	7.5	4.7	1.7	0.7	0.3	0.2	0.2	0.5	0.3	4.8
30	0.4	0.8	0.2	0.7	2.3	1.0	0.2	0.2	0.6	4.2	6.1	7.9	7.4	6.8	9.8	9.0	6.9	5.2	3.4	3.9	7.0	6.8	5.3	3.9	4.2
31	7.0	6.2	5.1	5.9	4.6	4.2	4.4	5.8	8.3	8.2	7.0	5.5	4.1	4.6	4.3	2.5	3.2	2.7	0.2	0.2	0.2	2.0	2.4	0.6	4.1

Number of valid hours: 741

Monthly mean: 5.1

Missing data = "..."

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

FEBRUARY 1999

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND DIRECTION (VECTOR)  
Units: degrees, compass  
Collection Method: INSTRUMENTAL  
Analysis Method: VECTOR SUMMATION

DAY	HOUR BEGINNING -----																							DAILY MEAN	
00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
1	249.	227.	229.	232.	242.	215.	212.	165.	252.	245.	225.	195.	215.	239.	226.	185.	190.	169.	166.	159.	152.	142.	96.	95.	
2	99.	96.	95.	111.	118.	132.	134.	150.	160.	160.	148.	145.	155.	143.	148.	162.	155.	230.	202.	248.	279.	287.	280.	278.	
3	277.	289.	287.	297.	305.	310.	301.	308.	305.	310.	307.	307.	313.	306.	300.	304.	296.	296.	291.	160.	170.	195.	1.	68.	
4	343.	149.	141.	139.	145.	144.	157.	156.	152.	157.	195.	255.	268.	147.	317.	304.	308.	298.	303.	298.	298.	298.	296.	302.	
5	297.	301.	309.	310.	309.	310.	314.	311.	310.	314.	309.	306.	302.	303.	306.	298.	302.	310.	319.	334.	359.	310.	281.	298.	
6	273.	288.	108.	103.	164.	183.	153.	159.	164.	167.	163.	165.	197.	253.	243.	280.	284.	296.	260.	263.	243.	289.	317.	301.	
7	304.	313.	314.	295.	318.	330.	359.	300.	330.	76.	60.	114.	105.	161.	125.	131.	114.	109.	99.	80.	82.	71.	69.	49.	
8	31.	35.	31.	25.	39.	41.	21.	353.	343.	...	...	349.	343.	327.	315.	304.	303.	299.	310.	286.	305.	305.	268.	264.	
9	248.	264.	231.	242.	242.	177.	155.	152.	180.	...	176.	190.	202.	219.	213.	211.	210.	220.	338.	329.	247.	254.	279.	278.	
10	278.	267.	269.	298.	291.	300.	311.	292.	295.	296.	304.	309.	301.	297.	300.	303.	305.	309.	314.	348.	267.	295.	278.	269.	
11	318.	290.	321.	3.	7.	105.	97.	155.	138.	155.	158.	158.	170.	173.	171.	150.	145.	145.	144.	157.	120.	136.	147.	159.	
12	164.	166.	159.	328.	161.	169.	167.	168.	186.	203.	205.	198.	190.	185.	181.	173.	277.	307.	306.	308.	305.	306.	298.	298.	
13	294.	284.	271.	242.	204.	184.	197.	203.	231.	264.	286.	283.	288.	290.	301.	296.	299.	301.	301.	295.	286.	291.	301.	302.	
14	304.	314.	310.	310.	318.	17.	342.	325.	318.	320.	310.	313.	310.	316.	309.	314.	308.	305.	307.	277.	297.	299.	297.	305.	
15	311.	312.	300.	275.	245.	256.	267.	270.	284.	288.	280.	278.	269.	275.	241.	204.	184.	189.	187.	192.	187.	193.	186.	211.	
16	231.	220.	357.	118.	191.	196.	348.	0.	271.	309.	...	141.	148.	137.	139.	155.	147.	142.	144.	154.	154.	145.	114.	115.	
17	36.	62.	11.	22.	32.	52.	31.	25.	21.	335.	8.	64.	104.	27.	359.	28.	43.	30.	15.	33.	34.	24.	9.	12.	
18	14.	14.	22.	11.	26.	13.	353.	354.	2.	359.	342.	341.	324.	330.	338.	357.	357.	353.	335.	321.	343.	8.	344.	333.	
19	351.	355.	342.	341.	339.	343.	322.	340.	4.	7.	11.	17.	349.	324.	350.	38.	33.	22.	5.	359.	349.	7.	1.	341.	
20	356.	6.	359.	2.	353.	327.	329.	343.	335.	329.	316.	319.	307.	304.	306.	316.	312.	312.	311.	309.	299.	301.	308.	336.	
21	329.	315.	310.	310.	312.	307.	306.	306.	308.	312.	328.	309.	313.	310.	303.	303.	310.	306.	318.	342.	338.	328.	329.	344.	
22	325.	327.	330.	336.	331.	330.	320.	327.	329.	332.	326.	335.	332.	343.	340.	351.	348.	345.	359.	4.	360.	...	...	...	
23	5.	1.	2.	357.	357.	351.	338.	15.	37.	64.	112.	114.	116.	143.	134.	135.	130.	129.	137.	77.	65.	66.	66.	45.	
24	69.	126.	120.	94.	37.	31.	2.	356.	27.	36.	80.	90.	72.	75.	79.	64.	68.	59.	75.	79.	72.	30.	49.	31.	
25	30.	19.	8.	352.	1.	11.	1.	19.	46.	42.	37.	312.	302.	318.	300.	297.	300.	313.	318.	316.	301.	301.	302.	310.	
26	309.	305.	300.	306.	309.	304.	309.	309.	312.	314.	309.	313.	310.	308.	303.	303.	303.	300.	292.	298.	309.	302.	292.	303.	
27	303.	300.	299.	291.	290.	296.	293.	303.	291.	286.	285.	294.	274.	284.	289.	277.	264.	142.	166.	83.	144.	168.	126.	124.	
28	117.	119.	131.	120.	112.	119.	114.	125.	116.	135.	145.	148.	155.	172.	235.	285.	296.	305.	311.	309.	311.	313.	298.	292.	

Number of valid hours: 665

Monthly mean: n/a

Missing data = "..."

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

FEBRUARY 1999

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND SPEED (SCALAR)  
Units: miles/hour  
Collection Method: INSTRUMENTAL  
Analysis Method: ELECTRONIC OR MACHINE AVG.

DAY	HOUR BEGINNING -----																							DAILY	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MEAN
1	0.2	0.9	3.0	2.7	2.0	0.2	0.2	0.2	0.2	2.9	2.5	2.9	3.8	4.4	3.9	1.8	1.2	0.2	1.7	2.4	1.0	0.2	1.1	1.8	
2	3.7	2.8	1.1	2.7	4.3	6.5	7.4	8.3	7.2	4.2	3.4	3.2	2.4	1.4	3.0	2.9	3.7	3.8	3.0	4.9	4.5	3.2	5.1	4.6	4.0
3	4.5	3.3	3.2	4.2	4.3	3.9	6.5	5.0	7.0	10.1	10.4	8.5	7.0	5.5	4.6	4.3	3.8	2.2	1.1	0.3	1.3	0.3	0.2	0.3	4.2
4	0.5	2.2	2.7	2.9	3.4	5.1	5.1	2.5	3.4	4.6	3.7	3.2	2.7	0.7	2.7	4.6	5.2	7.0	12.3	13.8	12.2	14.3	14.6	13.6	6.0
5	14.6	15.1	15.3	12.5	15.1	15.4	11.1	11.1	12.6	11.7	12.0	13.3	11.9	12.1	13.0	10.8	9.6	6.2	5.2	4.0	3.2	1.7	1.2	1.6	10.0
6	2.7	0.2	0.3	0.6	0.5	0.9	1.8	1.5	2.3	2.3	3.2	1.4	1.7	3.3	2.1	2.0	2.3	1.2	1.8	2.0	2.5	3.0	3.3	1.9	1.9
7	4.0	1.8	0.2	0.4	0.6	0.2	0.2	0.2	0.2	0.2	0.2	2.8	4.8	2.2	1.3	0.6	1.5	5.2	5.7	2.9	4.4	4.8	4.8	4.8	2.2
8	4.0	4.7	4.3	4.6	5.1	4.4	3.7	3.2	3.6	...		3.9	4.6	4.8	5.2	5.6	6.6	7.0	3.5	3.1	2.9	2.0	1.0	0.2	4.0
9	0.2	0.2	0.4	0.5	2.2	1.4	1.3	0.2	0.5		4.1	4.4	5.8	5.5	4.8	4.1	2.3	0.8	0.4	0.2	0.3	0.6	2.5	6.8	2.2
10	5.8	6.7	7.1	4.6	6.9	8.6	7.5	6.7	7.9	9.7	11.8	13.3	13.9	12.6	11.1	9.5	6.6	3.1	1.4	1.0	1.3	0.2	0.2	0.3	6.6
11	0.2	0.2	0.2	0.2	0.2	0.9	0.8	1.5	3.3	4.8	6.9	6.6	5.4	5.9	6.2	7.7	6.8	5.7	4.2	2.5	0.3	0.2	1.1	3.4	3.1
12	3.6	2.5	0.7	0.2	1.0	1.9	2.2	2.8	5.2	7.6	7.9	7.5	6.8	6.3	8.0	8.3	11.4	18.1	16.6	13.5	11.9	9.3	9.6	10.6	7.2
13	6.3	4.7	4.3	2.9	1.1	0.8	1.8	2.2	3.4	7.2	12.0	12.3	14.7	15.3	14.7	15.0	14.1	13.1	9.8	7.1	8.4	11.2	10.7	8.2	8.4
14	7.6	9.0	6.9	6.9	8.1	5.1	4.6	8.3	11.4	12.3	12.1	12.8	11.4	12.3	13.0	11.5	10.2	6.4	4.7	2.3	2.0	0.2	2.6	1.2	7.6
15	2.0	2.0	1.2	1.2	0.7	0.2	0.3	1.7	4.3	7.8	5.4	4.0	4.4	5.1	4.7	4.7	3.3	2.5	2.0	1.4	1.4	1.0	0.5	0.2	2.6
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2		3.4	4.3	6.8	7.7	6.8	5.8	4.9	4.8	3.0	2.1	0.4	0.2	0.2	2.3
17	0.2	0.2	0.2	0.2	0.3	0.6	2.3	2.2	2.6	4.4	4.4	3.4	3.3	2.1	1.8	1.0	0.2	0.2	0.2	0.2	1.8	2.5	1.7	2.7	1.6
18	2.7	2.3	3.5	2.7	4.2	4.1	5.0	6.1	7.3	7.0	5.0	4.9	5.6	7.8	7.6	7.0	5.9	4.7	5.2	4.7	2.5	3.1	3.2	3.5	4.8
19	2.9	3.1	3.5	4.6	4.1	2.5	2.0	2.4	5.4	5.5	4.5	3.1	3.1	4.0	3.7	4.7	4.0	3.4	2.9	0.6	0.3	2.8	3.2	2.9	3.3
20	3.2	4.5	4.1	4.4	4.1	4.2	3.9	5.0	6.1	7.3	8.1	8.4	9.0	10.4	9.5	9.3	9.2	7.8	5.3	3.9	4.8	4.3	6.6	4.2	6.1
21	7.3	6.3	7.3	7.4	7.7	9.1	9.0	8.7	10.2	9.4	9.0	11.1	10.2	10.9	10.7	11.3	10.9	10.6	8.4	8.0	9.9	8.8	8.0	8.5	9.1
22	8.0	6.7	8.0	7.8	10.6	9.5	8.7	8.1	9.7	10.7	10.6	10.0	10.4	9.9	10.0	9.0	8.3	7.3	5.1	3.8	3.6	...	...	...	8.4
23	4.9	4.2	4.4	3.2	1.9	1.6	0.7	2.2	4.9	3.5	2.3	2.6	2.1	3.1	2.8	3.6	3.7	2.6	0.9	0.2	1.9	1.5	0.2	0.2	2.5
24	0.2	0.2	4.6	3.7	2.5	2.2	0.2	1.9	4.0	4.7	6.6	6.4	6.2	5.9	5.7	4.9	3.2	3.9	2.4	4.4	2.5	1.1	2.6	2.6	3.4
25	2.4	2.5	0.4	1.3	2.3	2.7	2.1	2.4	4.1	3.8	2.5	2.7	2.3	1.1	1.5	0.8	0.8	3.2	4.3	4.3	5.2	6.9	6.0	7.0	3.0
26	6.7	7.8	7.9	7.5	9.0	8.2	8.6	11.0	12.4	11.5	13.8	13.2	14.8	14.1	13.6	14.0	12.1	9.6	7.6	6.2	4.6	4.8	4.4	4.8	9.5
27	5.6	4.7	3.8	3.7	0.4	2.0	1.0	0.5	1.5	2.2	4.6	3.4	2.9	4.2	1.2	0.8	0.2	0.2	0.3	0.2	0.5	0.2	0.7	2.7	2.0
28	2.3	3.0	4.5	5.2	5.6	7.7	7.8	8.3	8.3	7.7	9.8	7.1	4.6	1.4	2.5	6.6	8.3	10.0	9.1	7.1	7.6	5.4	9.0	9.4	6.6

Number of valid hours: 665

Monthly mean: 4.8

Missing data = "..."

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

MARCH 1999

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND DIRECTION (VECTOR)  
Units: degrees, compass  
Collection Method: INSTRUMENTAL  
Analysis Method: VECTOR SUMMATION

DAY	HOUR BEGINNING -----																							DAILY MEAN	
00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
1	294.	295.	298.	288.	279.	280.	269.	253.	252.	270.	285.	290.	297.	291.	282.	288.	287.	290.	291.	291.	290.	288.	286.	289.	
2	292.	293.	292.	290.	286.	264.	266.	284.	289.	293.	297.	299.	289.	290.	289.	283.	273.	269.	262.	242.	46.	146.	136.	138.	
3	142.	152.	142.	140.	137.	144.	147.	142.	147.	148.	147.	140.	138.	141.	139.	139.	140.	136.	139.	140.	142.	146.	147.	176.	
4	152.	165.	194.	203.	228.	247.	259.	273.	278.	282.	274.	275.	279.	284.	279.	282.	288.	291.	295.	295.	296.	295.	293.	298.	
5	299.	295.	297.	293.	311.	312.	311.	315.	314.	314.	305.	309.	295.	294.	296.	301.	310.	307.	301.	306.	201.	121.	95.	130.	
6	121.	127.	127.	131.	138.	132.	118.	128.	133.	142.	136.	145.	160.	161.	192.	221.	217.	214.	186.	205.	242.	282.	303.	301.	
7	304.	314.	308.	309.	306.	310.	310.	312.	307.	311.	306.	309.	307.	305.	303.	311.	308.	303.	304.	310.	311.	317.	316.	327.	
8	313.	320.	314.	312.	313.	326.	328.	320.	338.	319.	314.	303.	315.	327.	346.	317.	310.	316.	308.	297.	304.	310.	307.	336.	
9	15.	5.	7.	14.	346.	23.	27.	23.	42.	25.	268.	122.	222.	262.	229.	260.	118.	137.	169.	192.	176.	236.	295.	23.	
10	32.	27.	20.	28.	27.	335.	318.	318.	357.	19.	354.	313.	295.	312.	312.	311.	308.	303.	305.	308.	313.	325.	335.	338.	
11	329.	325.	313.	310.	308.	307.	308.	311.	313.	311.	304.	304.	303.	298.	302.	304.	310.	314.	313.	317.	318.	322.	321.	312.	
12	305.	307.	309.	303.	303.	304.	302.	303.	308.	307.	306.	314.	303.	303.	310.	307.	314.	316.	316.	320.	322.	330.	322.	316.	
13	321.	317.	321.	313.	307.	316.	321.	323.	320.	324.	341.	332.	332.	330.	317.	299.	294.	295.	298.	309.	310.	338.	357.	2.	
14	15.	29.	31.	29.	39.	37.	35.	41.	50.	84.	121.	115.	96.	65.	45.	48.	63.	47.	57.	54.	37.	43.	38.	32.	
15	30.	29.	35.	30.	34.	32.	22.	21.	22.	5.	353.	329.	322.	321.	326.	318.	324.	302.	311.	308.	308.	310.	312.	295.	
16	296.	294.	290.	285.	287.	274.	266.	273.	273.	267.	271.	275.	274.	264.	262.	264.	267.	245.	239.	239.	222.	230.	233.	252.	
17	252.	250.	247.	249.	288.	52.	97.	176.	208.	205.	246.	254.	251.	238.	253.	224.	200.	201.	189.	199.	201.	214.	218.	223.	
18	222.	229.	227.	231.	228.	228.	230.	249.	248.	264.	274.	285.	281.	284.	301.	310.	316.	316.	305.	309.	298.	302.	304.	303.	
19	309.	307.	304.	302.	305.	306.	307.	311.	308.	305.	302.	305.	304.	304.	303.	295.	298.	294.	293.	301.	301.	301.	301.	301.	
20	299.	301.	284.	288.	292.	287.	289.	300.	308.	313.	302.	307.	309.	310.	296.	293.	298.	304.	298.	206.	186.	185.	176.	172.	
21	181.	165.	148.	152.	158.	157.	119.	133.	145.	131.	135.	131.	117.	112.	108.	110.	111.	112.	110.	107.	153.	299.	315.	319.	
22	306.	311.	305.	303.	302.	292.	288.	283.	286.	283.	279.	276.	276.	275.	273.	273.	272.	272.	275.	275.	263.	258.	258.	258.	
23	243.	209.	230.	196.	184.	203.	198.	211.	259.	276.	271.	272.	251.	217.	201.	206.	208.	199.	200.	181.	191.	195.	200.	186.	
24	170.	164.	144.	72.	126.	113.	126.	143.	164.	206.	206.	183.	209.	242.	268.	237.	221.	250.	286.	296.	252.	277.	291.	305.	
25	304.	332.	9.	358.	354.	337.	353.	354.	353.	350.	332.	309.	313.	306.	313.	312.	308.	309.	310.	329.	6.	4.	10.	11.	
26	10.	9.	357.	347.	4.	10.	21.	32.	45.	42.	25.	24.	33.	4.	51.	49.	51.	43.	42.	346.	154.	158.	226.	303.	
27	326.	329.	6.	10.	355.	351.	354.	26.	39.	34.	41.	40.	41.	53.	31.	28.	37.	54.	17.	356.	14.	27.	24.	35.	
28	23.	359.	7.	6.	1.	0.	10.	17.	13.	2.	9.	9.	1.	356.	339.	338.	340.	331.	309.	285.	295.	314.	295.	293.	
29	297.	298.	311.	301.	310.	300.	304.	307.	298.	302.	307.	301.	303.	301.	310.	305.	300.	301.	302.	294.	299.	301.	310.	316.	
30	288.	268.	258.	277.	291.	312.	286.	292.	316.	316.	314.	310.	308.	306.	297.	298.	302.	304.	299.	260.	260.	261.	258.	262.	
31	260.	240.	254.	238.	239.	251.	262.	262.	215.	219.	227.	225.	224.	206.	208.	204.	201.	200.	198.	201.	203.	204.	215.	209.	

Number of valid hours: 744

Monthly mean: n/a

Missing data = "..."

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

MARCH 1999

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND SPEED (SCALAR)  
Units: miles/hour  
Collection Method: INSTRUMENTAL  
Analysis Method: ELECTRONIC OR MACHINE AVG.

DAY	HOUR BEGINNING -----																							DAILY	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MEAN
1	12.2	10.5	9.7	8.1	7.3	6.5	4.8	4.3	4.6	7.3	11.4	12.0	11.4	12.5	12.4	13.1	13.3	12.4	13.6	13.9	12.6	13.6	12.9	12.8	10.5
2	11.8	10.4	14.1	10.8	8.5	5.4	5.1	7.1	9.6	13.2	12.5	12.8	12.0	11.3	10.6	10.0	7.9	4.6	3.7	1.5	0.6	0.6	0.8	0.7	7.7
3	0.7	0.6	1.0	3.2	4.1	6.7	6.7	8.2	10.3	14.5	15.9	12.8	14.5	13.6	14.5	15.4	14.0	14.3	14.5	16.7	18.3	16.8	15.0	7.8	10.8
4	9.2	10.3	8.0	6.5	9.5	9.9	11.0	14.6	13.0	15.2	12.5	12.4	14.9	18.9	19.1	19.0	18.0	17.0	15.5	16.5	15.1	14.7	12.9	14.4	13.7
5	14.5	13.6	10.1	9.9	8.3	5.0	6.3	7.6	9.0	8.3	6.9	6.4	5.2	5.9	5.4	5.0	4.0	3.0	1.1	0.4	0.2	0.4	0.5	3.1	5.8
6	2.5	1.8	2.9	3.8	5.4	5.4	6.2	7.5	7.3	6.0	7.2	8.3	5.5	4.2	4.1	7.3	5.3	3.3	2.4	2.3	5.6	7.8	12.3	13.5	5.7
7	18.5	18.8	17.8	20.0	17.5	13.9	13.6	16.1	17.6	16.0	15.6	13.9	15.5	17.9	17.3	14.8	15.9	14.6	14.1	14.2	13.6	11.1	10.9	9.6	15.4
8	10.6	8.7	8.2	7.1	6.8	6.1	6.4	8.4	8.8	9.5	9.8	10.8	10.2	10.5	8.5	9.0	8.3	7.4	6.0	6.4	7.5	8.4	8.1	4.9	8.2
9	5.3	4.6	4.6	4.4	3.7	3.9	3.5	3.4	3.9	2.9	1.8	2.6	2.5	2.4	2.6	1.9	2.1	1.9	1.8	1.7	1.4	0.4	0.2	2.8	2.8
10	1.8	2.9	2.6	3.1	1.8	0.6	1.6	0.7	3.1	4.6	3.2	4.9	7.2	7.5	9.2	9.7	10.0	10.6	10.0	9.8	9.2	9.8	9.2	8.7	5.9
11	9.5	9.8	10.3	9.3	9.0	10.2	10.3	9.7	12.5	14.6	13.5	14.5	15.2	15.5	15.8	14.7	14.1	12.6	9.5	10.5	12.6	14.3	10.6	11.7	12.1
12	11.6	12.2	10.5	11.4	13.0	12.3	12.2	13.4	13.3	15.6	16.9	16.0	18.1	17.8	15.9	15.8	15.5	13.1	10.3	10.6	10.2	10.8	9.5	8.6	13.1
13	11.9	9.6	10.0	9.5	9.3	8.1	6.2	7.7	8.4	8.0	7.5	7.4	6.6	6.8	6.7	7.8	8.8	7.3	5.8	4.3	3.2	2.9	2.7	3.0	7.1
14	3.4	3.9	4.3	4.2	4.2	4.1	3.9	4.4	4.9	6.2	5.0	3.1	2.5	1.1	0.4	4.7	4.5	4.6	4.5	3.3	2.8	3.4	3.7	4.2	3.8
15	5.4	6.0	6.4	6.8	7.6	8.2	7.2	8.5	9.0	8.5	8.0	9.8	12.8	13.7	12.6	13.7	9.2	9.5	11.5	10.1	10.9	12.4	8.5	6.4	9.3
16	8.7	8.1	6.8	5.5	5.3	5.2	5.0	6.6	7.4	8.1	8.9	9.7	9.2	9.2	8.7	8.3	7.8	5.1	4.7	4.1	3.1	3.3	3.3	4.4	6.5
17	5.7	4.4	4.4	2.4	0.3	0.2	0.2	0.2	1.6	2.1	3.2	6.5	7.3	7.6	7.8	6.9	4.6	3.8	2.4	2.7	3.4	3.8	4.5	4.4	3.8
18	3.9	4.9	4.7	5.3	5.8	6.3	6.8	7.7	8.9	13.7	17.5	19.4	16.5	17.0	17.5	18.1	16.2	17.5	14.0	13.1	13.1	15.2	15.5	14.3	12.2
19	13.6	12.7	11.4	7.4	8.0	7.5	6.6	9.8	11.4	13.7	15.6	12.9	13.0	12.7	12.4	12.7	14.1	11.4	10.8	11.2	12.7	12.7	11.2	8.1	11.4
20	5.7	1.9	4.6	3.7	6.3	5.1	5.7	8.3	9.2	8.7	9.1	7.5	6.4	6.7	7.3	7.5	5.9	4.9	2.7	1.6	1.0	1.1	1.3	0.8	5.1
21	1.0	0.8	0.6	0.8	0.3	1.8	2.3	3.9	2.8	4.1	9.1	8.3	7.3	6.7	8.5	9.2	8.4	10.6	7.8	5.2	4.5	7.9	7.1	7.4	5.3
22	13.4	13.9	13.6	13.8	12.9	13.7	14.8	12.1	14.0	14.9	13.2	13.3	14.1	15.1	14.7	14.5	13.5	11.0	8.8	8.5	6.2	5.8	4.6	5.5	11.9
23	4.2	1.8	0.8	1.7	2.2	1.5	2.2	2.7	5.5	8.2	8.3	8.3	6.4	4.9	4.9	5.5	4.7	3.4	3.8	3.2	3.7	3.7	3.9	2.5	4.1
24	3.2	2.4	0.9	0.3	0.2	0.2	0.5	2.1	1.9	3.1	3.1	2.6	4.4	5.5	4.6	2.4	2.7	2.8	0.3	0.2	1.3	2.4	3.6	2.9	2.2
25	5.2	4.6	5.1	3.4	2.4	1.5	2.5	4.8	6.4	6.9	6.7	8.7	9.5	11.2	10.1	9.8	10.4	9.5	6.3	4.6	4.4	6.4	7.1	5.1	6.4
26	5.0	5.8	4.5	4.1	4.1	4.2	3.2	5.9	6.8	7.0	6.1	6.0	6.6	5.8	5.0	4.6	4.4	4.1	1.4	0.2	2.3	1.6	0.2	0.2	4.1
27	0.2	0.2	0.2	1.9	0.2	1.3	1.9	4.5	6.8	6.9	7.9	9.7	8.8	6.8	7.4	7.9	6.3	2.8	0.5	1.0	5.1	6.9	7.9	11.7	4.8
28	6.9	6.7	9.1	9.4	9.0	8.5	8.3	7.5	8.6	9.0	9.3	9.3	9.1	8.7	8.5	7.2	4.4	2.8	0.2	0.8	1.5	1.1	2.6	5.3	6.4
29	5.6	6.6	4.4	5.1	7.3	7.4	9.3	8.0	9.7	11.9	11.8	14.4	14.3	15.2	14.0	14.2	13.7	12.0	8.7	8.1	7.7	8.2	9.5	5.7	9.7
30	4.0	3.7	4.7	4.3	3.4	4.9	2.2	5.7	9.4	10.2	12.2	13.3	12.6	13.1	13.1	13.5	11.3	9.5	4.1	1.6	2.0	0.6	0.8	3.6	6.8
31	3.5	2.5	1.9	3.1	3.9	3.7	4.4	3.4	4.4	5.2	7.2	8.5	8.9	7.5	8.9	7.5	7.4	5.3	4.0	4.0	4.0	4.2	4.5	2.9	5.0

Number of valid hours: 744

Monthly mean: 7.7

Missing data = "..."

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

APRIL 1999

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND DIRECTION (VECTOR)  
Units: degrees, compass  
Collection Method: INSTRUMENTAL  
Analysis Method: VECTOR SUMMATION

DAY	HOUR BEGINNING -----																							DAILY MEAN
00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
1	218.	195.	225.	233.	246.	255.	292.	257.	194.	171.	186.	209.	211.	200.	186.	185.	170.	144.	124.	112.	55.	354.	2.	353.
2	354.	328.	330.	321.	312.	317.	327.	333.	349.	10.	60.	83.	103.	109.	138.	143.	148.	142.	141.	137.	140.	124.	130.	126.
3	115.	122.	113.	123.	112.	115.	114.	127.	150.	149.	158.	173.	168.	173.	171.	170.	146.	146.	147.	153.	152.	149.	154.	169.
4	180.	189.	205.	258.	256.	296.	242.	278.	279.	301.	295.	304.	312.	310.	330.	28.	34.	35.	27.	30.	72.	82.	28.	26.
5	47.	38.	40.	38.	41.	48.	62.	...	...	41.	53.	48.	30.	44.	33.	14.	66.	148.	160.	166.	157.	163.	167.	185.
6	156.	170.	104.	259.	311.	254.	259.	201.	212.	164.	159.	176.	166.	160.	153.	153.	139.	146.	133.	141.	146.	146.	161.	166.
7	263.	228.	290.	302.	302.	313.	298.	286.	292.	308.	297.	295.	287.	300.	301.	295.	290.	288.	293.	271.	286.	239.	191.	193.
8	233.	214.	203.	197.	201.	218.	225.	230.	240.	262.	281.	283.	292.	286.	291.	282.	278.	276.	256.	248.	266.	190.	198.	24.
9	31.	39.	39.	48.	57.	26.	49.	82.	101.	97.	114.	73.	62.	34.	59.	67.	57.	59.	1.	45.	63.	344.	334.	340.
10	2.	10.	18.	336.	307.	309.	318.	330.	339.	357.	356.	1.	343.	325.	320.	327.	301.	298.	301.	304.	320.	19.	2.	32.
11	38.	37.	23.	34.	37.	47.	51.	68.	105.	55.	111.	130.	138.	155.	144.	128.	126.	123.	53.	61.	41.	27.	54.	3.
12	347.	1.	271.	214.	265.	283.	290.	308.	318.	326.	324.	317.	316.	314.	311.	317.	318.	317.	322.	325.	328.	338.	336.	314.
13	312.	312.	311.	309.	301.	304.	305.	307.	305.	312.	311.	314.	309.	311.	315.	314.	313.	314.	315.	317.	314.	318.	310.	307.
14	304.	301.	299.	292.	289.	286.	270.	283.	300.	307.	310.	306.	302.	312.	310.	307.	306.	310.	298.	298.	309.	298.	293.	285.
15	291.	297.	298.	307.	304.	299.	306.	318.	312.	304.	275.	250.	239.	216.	195.	208.	352.	172.	187.	172.	149.	103.	39.	130.
16	147.	31.	324.	327.	49.	100.	84.	156.	129.	150.	163.	163.	179.	160.	165.	296.	339.	306.	319.	324.	118.	143.	131.	155.
17	151.	153.	177.	173.	185.	250.	251.	274.	261.	267.	279.	282.	289.	285.	307.	306.	313.	303.	304.	291.	290.	289.	275.	280.
18	266.	282.	283.	269.	275.	256.	288.	300.	298.	305.	305.	301.	295.	283.	286.	279.	279.	306.	302.	294.	278.	280.	265.	267.
19	276.	281.	286.	266.	267.	198.	168.	187.	239.	266.	274.	285.	267.	184.	275.	277.	276.	271.	279.	281.	288.	270.	260.	243.
20	33.	185.	58.	171.	86.	127.	56.	35.	34.	10.	10.	1.	341.	328.	326.	321.	310.	299.	302.	309.	302.	303.	302.	296.
21	290.	310.	323.	324.	325.	336.	290.	310.	55.	168.	197.	217.	218.	201.	199.	193.	205.	201.	191.	178.	190.	172.	130.	52.
22	158.	101.	209.	174.	156.	145.	52.	47.	190.	219.	172.	189.	183.	170.	174.	171.	171.	179.	141.	100.	80.	81.	82.	82.
23	82.	83.	68.	50.	17.	24.	38.	69.	83.	15.	47.	108.	135.	128.	70.	33.	61.	20.	44.	30.	25.	356.	352.	358.
24	360.	327.	329.	339.	358.	342.	316.	322.	324.	317.	319.	313.	313.	304.	308.	309.	306.	304.	307.	311.	320.	1.	2.	335.
25	332.	332.	325.	316.	318.	320.	320.	335.	9.	358.	18.	295.	294.	306.	294.	283.	296.	297.	275.	204.	215.	223.	227.	235.
26	235.	228.	241.	254.	259.	251.	283.	276.	291.	294.	291.	287.	281.	278.	284.	273.	273.	286.	295.	291.	289.	328.	10.	21.
27	28.	15.	16.	359.	347.	335.	357.	11.	4.	354.	347.	315.	27.	347.	5.	45.	15.	91.	143.	151.	161.	155.	101.	105.
28	93.	37.	26.	5.	24.	35.	35.	68.	88.	135.	159.	154.	118.	110.	133.	81.	102.	156.	154.	149.	157.	164.	169.	158.
29	214.	33.	6.	324.	284.	3.	351.	339.	36.	55.	52.	57.	21.	23.	26.	31.	51.	57.	69.	155.	137.	138.	123.	113.
30	102.	82.	48.	355.	4.	17.	359.	13.	23.	49.	29.	31.	42.	70.	65.	56.	74.	124.	134.	144.	128.	124.	108.	73.

Number of valid hours: 718

Monthly mean: n/a

Missing data = "..."



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

APRIL 1999

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND SPEED (SCALAR)  
Units: miles/hour  
Collection Method: INSTRUMENTAL  
Analysis Method: ELECTRONIC OR MACHINE AVG.

DAY	HOUR BEGINNING -----																							DAILY	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MEAN
1	3.2	1.3	1.4	2.3	3.8	3.7	2.7	0.6	0.6	1.7	0.6	1.2	0.9	2.1	2.0	1.3	0.4	0.2	0.2	1.1	0.2	0.3	0.2	1.4	1.4
2	1.0	1.4	1.4	3.4	4.4	6.2	4.8	3.6	5.8	5.4	6.2	5.1	4.9	5.5	5.9	4.9	5.0	3.7	5.8	8.1	7.3	7.2	6.7	5.3	5.0
3	4.6	4.1	2.8	3.9	3.4	2.4	2.0	1.9	2.2	3.8	4.0	4.2	5.8	5.8	5.3	5.5	7.2	6.2	4.8	4.3	3.1	2.8	1.4	1.3	3.9
4	1.3	2.3	3.1	3.8	3.7	3.4	1.5	2.6	3.6	4.9	9.8	12.5	10.8	9.3	8.9	8.3	5.9	6.2	6.2	5.8	5.0	4.1	0.5	2.2	5.2
5	4.5	4.9	5.1	3.9	4.8	3.8	5.3	...	...	6.2	4.6	5.1	4.9	4.8	3.0	3.2	1.2	1.4	2.1	2.7	4.1	1.9	0.9	3.7	
6	0.3	0.2	1.5	0.2	0.2	0.4	0.8	1.8	4.3	6.5	7.5	6.4	8.0	8.4	9.6	8.8	8.3	7.3	4.7	4.0	5.2	3.8	4.4	1.5	4.3
7	0.9	1.6	4.2	5.7	4.8	2.8	3.6	7.5	10.2	12.3	11.2	10.7	10.3	10.2	10.4	9.3	7.3	6.4	4.2	2.8	0.6	0.2	0.6	0.8	5.8
8	0.5	0.4	2.1	3.0	1.3	2.8	3.9	5.0	5.3	7.3	7.6	8.6	10.4	10.6	11.7	10.5	8.9	4.8	2.8	2.7	2.2	2.3	2.1	2.1	5.0
9	4.4	4.6	5.2	6.5	6.9	2.0	2.7	6.2	8.3	9.7	9.8	5.8	7.2	7.2	8.9	8.7	9.9	10.3	9.8	8.2	8.8	4.5	6.2	6.8	7.0
10	8.2	7.4	6.8	5.0	5.7	7.5	8.9	8.2	8.8	8.8	9.4	7.5	7.5	7.3	6.6	5.8	8.1	7.5	5.7	4.5	3.1	1.9	1.7	3.2	6.5
11	3.4	3.7	2.4	2.2	4.2	3.9	2.6	4.5	4.4	2.9	5.4	4.7	5.3	9.2	7.7	8.6	5.1	4.5	2.9	4.0	4.2	4.4	3.4	2.1	4.4
12	1.6	0.2	1.7	0.8	3.8	3.5	4.9	9.5	11.2	9.9	10.9	10.7	13.6	12.6	14.8	14.8	12.7	11.8	8.1	9.2	9.8	7.3	6.5	5.2	8.1
13	9.0	11.2	9.8	7.9	7.6	7.7	9.1	12.5	13.8	15.5	16.2	16.3	16.6	16.2	14.6	16.4	15.5	12.8	9.0	6.1	5.4	4.9	6.2	9.2	11.2
14	11.4	8.0	7.2	6.8	8.0	7.3	6.7	8.9	13.6	13.8	14.9	16.8	16.5	17.3	15.4	15.0	15.4	10.7	7.6	6.3	4.3	4.4	4.8	5.2	10.3
15	5.9	7.1	6.3	6.3	4.9	4.2	4.4	5.3	5.3	5.1	4.6	4.7	5.3	3.8	3.9	3.4	1.5	0.9	2.1	1.3	0.3	0.2	0.2	1.0	3.7
16	0.5	0.2	0.2	0.4	1.9	1.7	1.2	0.5	0.6	5.4	4.7	5.1	3.5	4.3	3.7	7.2	2.0	3.1	2.1	2.7	3.8	3.9	1.3	2.4	2.6
17	3.3	3.8	2.3	2.5	2.2	2.0	2.7	6.6	8.5	10.4	11.0	11.3	9.3	7.8	8.1	11.4	10.6	12.1	8.3	8.8	8.4	8.5	5.8	6.6	7.2
18	4.6	5.5	5.4	4.2	4.4	4.4	6.6	9.2	12.5	12.2	10.1	10.1	9.5	8.7	10.0	10.9	10.3	9.3	8.4	4.9	3.4	3.8	4.8	1.1	7.3
19	3.0	1.7	2.9	0.3	0.3	0.4	0.5	1.5	3.6	5.9	6.1	7.5	5.4	2.2	6.3	6.3	7.1	4.1	6.4	3.9	4.0	1.5	2.3	1.0	3.5
20	0.3	0.6	2.3	2.2	1.0	1.6	2.8	3.0	4.4	5.1	5.5	6.4	6.8	6.6	7.9	6.8	7.5	6.2	3.1	3.1	3.4	4.0	4.8	5.1	4.2
21	3.9	1.0	1.1	1.4	1.5	0.8	0.9	0.2	0.2	2.7	3.9	4.9	4.2	3.2	3.2	4.2	3.9	2.9	2.6	2.3	1.6	0.3	0.2	0.2	2.1
22	1.8	0.2	1.8	4.1	1.4	2.2	1.2	0.4	2.1	2.4	3.0	2.8	3.0	3.6	3.0	2.9	2.8	1.0	1.5	4.0	6.3	8.8	8.5	6.2	3.1
23	6.6	6.6	5.6	3.9	3.1	4.1	4.4	5.4	1.6	1.8	3.0	3.2	3.5	4.1	3.9	3.0	4.4	6.3	7.7	7.2	6.1	4.1	3.8	6.4	4.6
24	7.6	5.8	3.9	4.4	5.1	3.8	5.0	5.9	8.0	8.6	7.8	8.5	9.1	10.2	9.6	9.7	9.5	8.7	6.5	4.5	1.5	1.6	0.5	1.8	6.2
25	3.4	2.2	3.1	2.2	1.5	0.5	4.1	4.5	5.0	3.9	4.1	4.8	6.0	6.5	6.9	6.8	7.8	6.7	3.5	1.7	2.2	1.8	3.2	3.3	4.0
26	3.0	2.3	4.0	5.8	4.5	3.7	2.9	4.1	7.5	9.9	9.0	8.9	10.5	9.8	10.7	10.3	8.7	9.0	7.6	6.8	7.1	4.6	4.2	5.5	6.7
27	6.3	5.6	3.8	3.4	3.0	2.9	5.1	7.0	6.2	5.2	4.3	4.2	4.4	4.1	4.1	2.9	3.4	2.3	2.1	1.4	4.7	3.4	4.7	3.1	4.1
28	0.5	1.2	1.2	0.9	2.3	3.3	2.8	4.4	4.7	4.9	4.6	4.5	4.6	4.1	2.6	2.8	3.6	4.6	6.5	5.7	4.4	3.3	1.4	0.5	3.3
29	0.2	0.2	0.5	0.6	1.8	0.4	2.2	3.2	6.1	7.1	7.6	6.5	6.4	6.7	6.2	5.8	5.1	5.9	2.4	5.9	6.0	3.8	4.2	4.1	4.1
30	3.9	2.3	0.8	0.3	0.9	2.3	2.5	3.5	3.4	4.8	6.4	6.4	7.2	8.8	7.0	6.5	5.9	6.3	5.4	5.7	4.9	3.7	1.1	0.2	4.2

Number of valid hours: 718

Monthly mean: 5.1

Missing data = "..."

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

MAY 1999

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND DIRECTION (VECTOR)  
Units: degrees, compass  
Collection Method: INSTRUMENTAL  
Analysis Method: VECTOR SUMMATION

DAY	HOUR BEGINNING -----																							DAILY MEAN
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	
1	21.	359.	359.	359.	359.	353.	21.	42.	37.	57.	63.	80.	82.	85.	65.	70.	77.	87.	109.	117.	106.	88.	71.	43.
2	8.	27.	3.	359.	19.	23.	34.	42.	48.	58.	59.	57.	72.	92.	73.	58.	60.	73.	71.	78.	61.	26.	21.	329.
3	333.	7.	2.	21.	30.	35.	28.	27.	31.	37.	36.	37.	38.	29.	15.	13.	9.	24.	36.	36.	32.	127.	152.	157.
4	133.	144.	138.	152.	344.	21.	50.	317.	1.	9.	14.	26.	32.	35.	53.	45.	39.	47.	50.	71.	68.	129.	264.	145.
5	219.	242.	307.	191.	310.	141.	123.	187.	213.	194.	163.	109.	139.	138.	142.	150.	163.	146.	143.	144.	146.	146.	133.	128.
6	117.	121.	106.	124.	88.	100.	127.	141.	140.	133.	110.	119.	117.	116.	127.	133.	118.	119.	114.	112.	112.	107.	108.	104.
7	108.	112.	97.	84.	83.	80.	71.	63.	69.	84.	78.		54.	68.	95.	91.	78.	71.	66.	67.	81.	74.	87.	101.
8	108.	108.	71.	102.	108.	103.	108.	133.	114.	135.	145.	172.	211.	274.	272.	294.	314.	322.	325.	295.	329.	20.	307.	296.
9	275.	279.	272.	198.	197.	194.	231.	276.	287.	296.	297.	302.	300.	303.	300.	297.	304.	304.	308.	311.	314.	297.	301.	309.
10	310.	302.	310.	314.	316.	324.	319.		321.	306.	305.	312.	315.	311.	307.	309.	315.	316.	312.	300.	326.	25.	30.	360.
11	11.	8.	20.	31.	37.	36.	40.	41.	63.	85.	138.	72.	288.	252.	274.	262.	161.	159.	152.	162.	160.	152.	153.	178.
12	231.	261.	75.	24.	111.	32.	27.	120.	210.	242.	235.	244.	273.	263.	284.	169.	202.	199.	178.	73.	288.	310.	123.	115.
13	344.	46.	34.	49.	53.	53.	49.	71.	49.	66.	63.	42.	28.	25.	50.	42.	36.	58.	38.	22.	41.	49.	64.	93.
14	77.	72.	62.	42.	51.	56.	59.	77.	91.	81.	84.	81.	70.	102.	101.	105.	95.	114.	123.	151.	169.	137.	354.	301.
15	326.	344.	341.	356.	355.	37.	34.	31.	30.	63.	82.	91.	67.	86.	96.	98.	107.	103.	108.	113.	113.	110.	27.	26.
16	25.	8.	13.	0.	350.	11.	36.	42.	88.	92.	97.	93.	95.	102.	86.	100.	111.	108.	111.	112.	119.	115.	111.	54.
17	341.	4.	25.	0.	5.	10.	26.	44.	86.	102.	111.	116.	146.	148.	172.	148.	126.	148.	145.	138.	133.	131.	126.	106.
18	328.	347.	358.	41.	357.	3.	41.	96.	97.	108.	80.	72.	84.	96.	89.	98.	98.	104.	94.	106.	104.	106.	105.	91.
19	92.	71.	58.	56.	44.	56.	31.	47.	36.	23.	17.	12.	55.	7.	27.	25.	22.	5.	2.	335.	326.	316.	339.	340.
20	329.	332.	329.	319.	320.	324.	329.	327.	336.	326.	330.	334.	324.	326.	320.	324.	328.	329.	326.	321.	319.	342.	330.	359.
21	337.	327.	331.	340.	329.	316.	319.	346.	356.	15.	335.	323.	309.	304.	293.	305.	299.	293.	248.	214.	239.	219.	158.	228.
22	211.	...	345.	319.	348.	342.	322.	93.	147.	132.	135.	143.	138.	160.	149.	155.	158.	156.	150.	134.	145.	62.	94.	113.
23	131.	144.	123.	96.	133.	142.	133.	146.	164.	181.	206.	238.	261.	264.	294.	286.	297.	291.	290.	217.	173.	149.	320.	79.
24	239.	207.	130.	123.	124.	130.	124.	136.	187.	182.	217.	229.	238.	261.	258.	276.	291.	292.	290.	288.	269.	267.	263.	260.
25	266.	256.	258.	248.	265.	257.	233.	250.	247.	259.	267.	267.	264.	264.	268.	282.	284.	286.	283.	274.	266.	226.	229.	213.
26	232.	233.	227.	224.	239.	241.	250.	251.	255.	262.	272.	272.	271.	270.	269.	291.	319.	320.	319.	317.	303.	302.	301.	297.
27	302.	301.	300.	301.	307.	302.	306.	317.	321.	324.	316.	316.	315.	316.	308.	312.	307.	303.	298.	283.	285.	289.	291.	304.
28	303.	296.	297.	298.	295.	302.	304.	307.	296.	288.	281.	299.	303.	302.	304.	304.	298.	299.	296.	291.	276.	277.	289.	296.
29	289.	303.	315.	326.	326.	311.	314.	306.	305.	310.	302.	283.	276.	291.	288.	282.	251.	220.	227.	228.	238.	249.	255.	
30	261.	340.	272.	305.	317.	329.	356.	356.	31.	9.	2.	354.	323.	296.	293.	297.	294.	259.	239.	267.	327.	157.	267.	
31	320.	326.	122.	83.	167.	356.	273.	353.	99.	201.	199.	190.	226.	211.	202.	220.	215.	214.	168.	163.	169.	171.	189.	203.

Number of valid hours: 741

Monthly mean: n/a

Missing data = "..."

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

MAY 1999

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND SPEED (SCALAR)  
Units: miles/hour  
Collection Method: INSTRUMENTAL  
Analysis Method: ELECTRONIC OR MACHINE AVG.

DAY	HOUR BEGINNING -----																							DAILY MEAN	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22		23
1	0.7	1.8	0.3	1.1	1.4	1.6	3.7	6.1	5.8	6.5	7.0	8.0	9.0	8.4	6.6	8.0	8.3	8.3	4.6	4.9	3.6	3.7	3.3	2.5	4.8
2	2.3	3.1	2.7	3.2	3.7	3.2	4.9	7.8	8.8	10.2	10.9	10.5	10.5	10.2	11.0	8.2	7.1	8.3	5.3	2.9	3.0	1.8	1.3	1.7	5.9
3	2.0	2.6	4.0	5.0	7.5	6.9	7.4	6.4	6.1	6.7	6.7	5.2	6.0	6.3	6.0	5.5	4.7	4.6	6.1	4.3	3.9	5.8	8.0	6.8	5.6
4	3.4	6.5	5.5	3.7	0.8	5.0	3.2	1.7	4.5	5.7	5.7	4.4	3.7	2.0	1.3	1.6	3.2	3.0	1.5	0.5	0.2	0.3	0.2	0.2	2.8
5	0.2	0.2	0.2	0.5	0.2	0.2	0.2	1.0	2.1	1.3	2.1	2.9	3.9	5.1	4.8	3.9	1.0	1.2	5.3	4.6	4.0	4.6	2.9	3.2	2.3
6	2.9	2.7	3.4	2.0	2.5	3.9	5.0	5.6	7.9	6.8	7.7	7.5	7.6	7.0	6.8	6.9	7.2	8.3	6.1	6.6	7.0	6.3	6.4	6.0	5.8
7	6.6	6.6	5.6	5.3	4.7	4.2	4.4	4.6	4.9	5.6	3.8		2.6	4.1	4.0	4.9	5.5	4.4	4.5	4.9	5.9	4.9	4.7	4.9	4.9
8	6.4	5.5	2.4	3.6	5.0	4.6	6.2	5.7	4.4	4.9	5.1	5.2	6.9	6.2	6.7	7.6	5.6	1.3	0.3	0.2	0.5	2.3	0.9	0.5	4.1
9	1.3	3.5	0.8	0.4	0.5	0.2	0.5	2.8	6.1	8.6	7.7	7.6	8.0	9.0	8.9	10.1	7.9	8.1	4.9	2.9	2.3	2.8	3.9	4.8	4.7
10	5.2	4.1	3.2	4.6	3.2	4.3	5.8		6.0	6.0	7.6	8.1	8.2	7.9	8.1	7.1	7.4	7.0	3.5	0.4	0.3	0.9	0.8	0.5	4.8
11	0.5	0.9	1.3	3.2	4.3	3.4	3.6	4.9	6.0	4.9	2.8	3.6	2.9	2.9	2.8	2.2	4.3	6.3	5.3	4.2	3.2	2.1	1.3	0.3	3.2
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.5	2.6	3.8	4.7	4.2	4.8	4.2	3.5	4.2	2.6	1.2	0.4	0.2	2.0	7.0	3.2	1.0	2.2
13	2.6	3.2	4.0	4.6	3.9	2.9	3.9	4.0	4.0	6.3	5.3	4.3	4.0	4.0	4.6	3.3	1.7	1.5	1.4	0.3	2.2	2.4	2.9	5.0	3.4
14	5.0	5.1	3.9	3.3	3.9	4.3	6.0	6.7	10.0	9.4	8.9	8.0	7.2	7.2	7.5	6.7	5.5	6.5	5.2	2.7	0.2	0.2	0.2	0.2	5.2
15	0.2	0.2	0.2	0.2	0.2	0.9	3.1	2.9	2.6	5.7	6.4	6.8	6.9	7.9	8.1	7.8	9.3	7.8	7.2	5.4	3.1	1.1	0.2	0.2	3.9
16	0.3	0.2	0.2	0.2	0.3	1.1	4.0	3.2	4.3	5.9	6.3	6.2	5.6	4.6	5.0	5.6	5.6	5.3	4.3	5.1	4.9	4.0	2.0	0.4	3.5
17	0.2	0.3	1.0	0.3	1.5	1.3	2.7	3.1	4.0	4.3	3.7	2.7	3.3	2.7	2.6	2.6	3.7	4.8	4.7	3.6	1.5	2.0	1.6	0.4	2.4
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	3.7	4.9	7.0	4.8	4.2	5.8	6.0	6.3	8.2	6.7	5.6	4.3	2.5	3.1	3.8	3.9	2.9	3.5
19	2.4	2.1	1.1	1.8	1.0	0.5	0.2	0.8	2.3	2.0	3.8	2.7	3.5	3.7	3.6	4.1	3.8	2.4	2.1	1.1	0.5	1.0	3.3	4.8	2.3
20	5.2	6.4	4.1	3.0	4.6	4.1	6.9	7.6	6.9	9.5	7.8	7.9	8.2	8.3	6.3	5.2	5.6	5.6	3.0	1.0	0.5	0.4	2.0	0.4	5.0
21	1.1	1.9	2.7	2.3	2.2	2.5	0.9	1.5	2.0	2.6	2.9	4.6	5.4	5.3	5.2	4.2	3.7	3.9	1.4	0.8	0.3	0.3	0.2	0.3	2.4
22	0.2	...	0.2	0.2	0.2	0.3	0.2	0.3	1.8	4.8	5.9	5.9	5.3	5.0	6.6	6.2	6.3	5.2	3.9	2.5	1.5	0.4	2.7	2.0	2.9
23	0.8	0.2	0.2	0.2	1.2	1.7	2.4	3.4	2.7	2.1	2.5	3.5	4.1	4.7	3.7	3.6	6.3	4.3	2.3	0.4	1.0	0.8	0.2	0.2	2.2
24	0.2	0.2	0.9	1.9	2.2	3.6	5.4	5.8	2.9	1.6	3.0	4.7	6.1	4.8	5.8	5.0	10.7	11.4	10.5	7.9	3.8	4.6	4.4	5.2	4.7
25	4.3	5.8	5.1	2.4	3.0	4.5	3.8	6.6	7.6	11.4	8.7	9.6	10.5	10.2	9.6	9.7	10.3	7.8	6.1	3.0	0.9	0.3	2.9	2.6	6.1
26	2.6	4.6	3.9	3.3	5.7	5.9	6.5	7.7	9.2	10.1	10.7	10.9	11.1	8.4	7.1	5.2	6.7	6.2	5.2	4.6	5.1	5.8	3.3	2.5	6.3
27	3.5	4.5	4.2	3.9	3.2	3.1	5.4	6.2	7.4	7.5	8.3	7.5	8.1	8.5	9.7	7.1	6.9	6.4	4.9	3.2	3.8	4.1	4.6	2.7	5.6
28	2.2	2.7	3.7	4.0	4.5	3.0	3.9	5.8	6.1	5.1	5.2	5.9	7.7	7.2	7.0	7.7	6.4	5.4	3.4	3.1	0.6	1.5	2.2	2.4	4.4
29	2.3	0.6	1.3	2.5	2.4	1.3	1.9	3.2	2.8	3.4	2.8	3.6	3.3	4.4	5.1	5.6	5.2	3.7	2.1	2.7	3.1	3.7	3.1	2.2	3.0
30	3.6	1.1	0.7	0.4	0.6	1.8	0.6	2.0	2.2	2.7	3.7	3.8	3.5	4.6	4.2	4.3	3.3	2.0	1.4	1.4	0.4	0.3	0.6	0.2	2.1
31	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.0	2.0	3.2	3.3	4.1	3.8	3.8	3.4	2.6	0.7	1.0	0.5	0.5	0.9	0.8	1.4

Number of valid hours: 741

Monthly mean: 3.9

Missing data = "..."

COMMONWEALTH OF PENNSYLVANIA  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 BUREAU OF AIR QUALITY

JUNE 1999

Site Name: AVON GROVE ELEM. SCHOOL  
 AIRS Code: 429990002  
 PA Code: P30

Parameter: WIND DIRECTION (VECTOR)  
 Units: degrees, compass  
 Collection Method: INSTRUMENTAL  
 Analysis Method: VECTOR SUMMATION

DAY	HOUR BEGINNING -----																							DAILY MEAN
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	
1	207.	218.	216.	220.	191.	207.	197.	211.	215.	194.	200.	219.	210.	211.	200.	198.	215.	208.	213.	238.	169.	173.	167.	172.
2	167.	192.	198.	207.	176.	172.	173.	208.	194.	179.	170.	187.	189.	193.	226.	200.	197.	199.	198.	301.	302.	50.	83.	300.
3	212.	236.	277.	246.	273.	273.	262.	279.	294.	297.	297.	300.	294.	303.	299.	304.	308.	303.	303.	298.	301.	306.	313.	317.
4	320.	317.	317.	321.	315.	318.	330.	339.	12.	13.	34.	15.	316.	352.	325.	342.	312.	320.	318.	275.	269.	273.	114.	247.
5	307.	82.	164.	292.	115.	309.	217.	228.	213.	204.	175.	155.	149.	139.	148.	144.	145.	157.	155.	158.	160.	164.	164.	166.
6	165.	164.	178.	351.	62.	136.	163.	164.	221.	189.	180.	213.	225.	193.	215.	219.	217.	221.	204.	189.	180.	233.	234.	233.
7	236.	246.	248.	237.	241.	249.	256.	279.	288.	283.	279.	296.	299.	291.	286.	274.	252.	215.	211.	230.	236.	257.	276.	274.
8	280.	295.	289.	290.	289.	289.	293.	291.	300.	297.	299.	295.	292.	292.	289.	290.	295.	287.	287.	287.	279.	278.	292.	298.
9	301.	295.	301.	294.	296.	295.	308.	318.	321.	327.	309.	302.	326.	332.	352.	7.	24.	42.	47.	96.	102.	105.	108.	107.
10	103.	101.	108.	95.	90.	111.	108.	100.	71.	101.	102.	97.	156.	136.	117.	158.	133.	148.	159.	145.	129.	112.	54.	61.
11	78.	65.	60.	43.	9.	360.	30.	64.	39.	44.	73.	96.	89.	71.	109.	94.	85.	85.	99.	109.	112.	115.	126.	123.
12	353.	359.	25.	25.	15.	344.	35.	37.	25.	42.	69.	59.	56.	62.	65.	68.	72.	83.	74.	94.	74.	76.	74.	73.
13	74.	60.	58.	55.	60.	54.	61.	64.	70.	55.	59.	66.	67.	89.	55.	48.	89.	106.	117.	98.	95.	83.	89.	108.
14	129.	144.	140.	165.	193.	208.	239.	256.	198.	207.	203.	191.	217.	218.	202.	175.	182.	254.	258.	238.	287.	174.	190.	242.
15	292.	298.	322.	325.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Number of valid hours: 340

Monthly mean: n/a

Missing data = "..."

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

JUNE 1999

Site Name: AVON GROVE ELEM. SCHOOL  
AIRS Code: 429990002  
PA Code: P30

Parameter: WIND SPEED (SCALAR)  
Units: miles/hour  
Collection Method: INSTRUMENTAL  
Analysis Method: ELECTRONIC OR MACHINE AVG.

DAY	HOUR BEGINNING -----																							DAILY MEAN	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22		23
1	1.3	2.4	2.0	2.6	0.7	0.7	1.3	2.8	4.0	4.6	4.7	3.9	3.6	3.7	4.1	3.7	3.8	2.0	2.6	1.0	0.2	0.8	0.2	0.5	2.4
2	0.2	0.3	0.3	1.1	0.5	1.2	0.8	2.5	2.9	2.9	3.7	4.5	4.4	4.8	5.4	4.3	3.1	3.2	2.5	6.6	6.0	0.7	0.2	0.6	2.6
3	0.2	0.2	0.2	0.8	2.2	3.2	4.2	5.0	7.2	8.6	9.0	9.7	10.0	9.1	10.2	9.3	8.5	8.9	7.6	5.5	6.3	5.8	5.2	5.3	5.9
4	5.4	3.0	2.5	4.7	2.8	3.1	3.9	5.0	6.1	6.4	5.9	4.9	4.4	3.5	3.6	3.2	3.1	3.4	0.4	0.2	0.2	0.2	0.6	0.2	3.2
5	0.2	1.2	0.4	0.2	0.2	0.2	1.0	3.3	3.1	3.5	4.1	4.9	6.8	7.6	6.6	7.2	7.6	7.1	5.6	5.3	3.5	3.2	1.4	1.5	3.6
6	1.5	0.5	0.3	0.2	0.2	0.3	1.1	2.1	2.8	3.1	3.9	4.9	4.5	3.7	4.7	5.8	5.3	4.2	1.4	1.1	0.6	1.2	2.7	2.9	2.5
7	3.3	1.5	1.0	0.2	0.3	1.0	3.3	3.7	4.4	3.7	4.5	6.1	6.3	6.5	5.0	5.0	4.2	3.5	2.1	2.1	2.3	2.4	2.6	3.0	3.2
8	3.2	4.4	3.6	3.3	4.5	4.8	4.6	5.4	7.7	7.3	7.6	8.3	9.2	8.9	9.6	9.6	9.2	6.6	5.4	4.5	2.2	2.6	4.9	3.0	5.8
9	3.4	2.5	0.9	1.0	0.5	0.6	2.4	4.9	5.0	4.6	5.7	6.4	5.0	4.9	4.1	4.5	3.9	3.7	1.3	4.1	9.1	7.9	7.0	7.0	4.2
10	6.6	4.9	6.2	5.5	4.7	1.6	1.3	4.3	4.8	3.8	1.0	2.9	1.3	1.7	1.0	0.8	3.7	3.0	3.4	1.0	1.8	1.7	0.2	0.2	2.8
11	0.7	0.2	0.3	0.2	0.2	0.2	0.7	1.5	3.2	3.5	4.2	4.1	4.0	5.2	4.6	4.9	3.1	3.8	2.9	2.6	3.1	3.0	0.5	0.5	2.4
12	0.2	0.2	0.5	0.4	0.5	2.5	4.4	4.4	4.9	5.5	6.5	6.9	6.4	5.7	6.4	5.8	6.8	5.9	5.2	4.9	3.9	3.8	3.7	3.2	4.1
13	3.4	2.2	3.5	2.6	2.9	2.7	4.9	5.5	5.6	5.1	5.8	6.8	6.6	5.2	4.3	4.5	5.6	7.2	7.0	5.8	6.1	5.4	5.7	4.2	4.9
14	4.2	4.5	3.8	3.6	2.2	2.7	3.6	3.6	2.6	2.4	3.7	4.0	4.6	4.7	2.7	2.9	1.3	3.2	1.9	1.2	2.1	2.0	1.5	1.3	2.9
15	0.2	3.0	4.4	4.1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Number of valid hours: 340

Monthly mean: n/a

Missing data = "..."