

Observations made over time 30 minutes or longer for a commercial stack.

Recorded by	
Date	
Point of observation	
Distance from source	
Direction of Wind	
Wind Speed	
Colour of background behind smoke column	Dark or Light: Colour:

Measurement Number	TIME	Ringelman Chart Number
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		
31		
Total		

Total Ringelman numbers		Average Ringelman No:	Average smoke density %
Total number of observations	Divide	=	*20=