

**March 2011 Pollution Incidents Summary from King's College London Environmental Research Group.**

**Released on 1<sup>st</sup> April 2011**

This month has seen a recurring pattern of pollution influx from the continent. This has mainly come from across the north of central Europe, including Poland, Germany and The Low Countries. At most sites local emissions have generally represented a small proportion of the total pollution seen although this has been more important in the last week.

The following table summarises data from sites across all the networks managed by King's.

Date	Sites with Daily Mean $\geq 50 \mu\text{g m}^{-3}$	'Moderate' Sites	'High' Sites
Tue 01/03/2011			
Wed 02/03/2011	41	3	
Thu 03/03/2011	5	10	
Fri 04/03/2011	9	2	
Sat 05/03/2011			
Sun 06/03/2011			
Mon 07/03/2011	3		
Tue 08/03/2011	77	27	
Wed 09/03/2011	3	27	
Thu 10/03/2011	3	2	
Fri 11/03/2011	2	2	
Sat 12/03/2011			
Sun 13/03/2011			
Mon 14/03/2011			
Tue 15/03/2011	81	26	
Wed 16/03/2011	106	71	
Thu 17/03/2011	24	44	
Fri 18/03/2011			
Sat 19/03/2011	3		
Sun 20/03/2011	7		
Mon 21/03/2011	26	6	
Tue 22/03/2011	50	17	
Wed 23/03/2011	21	14	
Thu 24/03/2011	7	4	
Fri 25/03/2011	100	47	
Sat 26/03/2011	103	88	6
Sun 27/03/2011	52	44	
Mon 28/03/2011	39	14	
Tue 29/03/2011	98	54	1
Wed 30/03/2011	6	74	1
Thu 31/03/2011	1		

For PM10 particulate (Reference Equivalent) the bandings are defined as a running 24 hour average:

'moderate' between 63 and 95  $\mu\text{g m}^{-3}$

'high' between 95 and 128  $\mu\text{g m}^{-3}$

The EU limit value for PM10 is a daily mean of 50  $\mu\text{g m}^{-3}$  not to be exceeded on more than 35 days per calendar year, as assessed by the methods in the EU Directive.

Further information is also available from the regional monitoring network web sites at:

London*:	<a href="http://www.londonair.org.uk">www.londonair.org.uk</a>
Essex	<a href="http://www.essexair.org.uk/">www.essexair.org.uk/</a>
Hampshire	<a href="http://www.hantsair.org.uk">www.hantsair.org.uk</a>
Herts & Beds	<a href="http://www.hertsbedsair.org.uk">www.hertsbedsair.org.uk</a>
Kent	<a href="http://www.kentair.org.uk">www.kentair.org.uk</a>
Sussex	<a href="http://www.sussex-air.net">www.sussex-air.net</a>

\* including sites Berkshire, Essex and Surrey.

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