

Lancaster City Council
Provision of air pollution monitoring data on request

Lancaster City Council will be pleased to provide you with its air pollution monitoring data. Before placing an order please refer to the air pollution monitoring pages on our website www.lancaster.gov.uk/airquality which outline our monitoring activities and summarise our results.

Data availability

Continuous monitoring

The Council monitored nitrogen dioxide NO₂ and particulate matter PM₁₀ (by the TEOM method) in Lancaster city centre since 1999 at the following locations:

- Water Street, 2000 - 2010 (NO₂ and PM₁₀) – grid ref. 347716 461997
- Cable Street, 2011 onwards (NO₂ and PM₁₀) – grid ref. 347683 461963
- Dalton Square, 2011 onwards (NO₂ only) – grid ref. 347852 461611

Ratified datasets are available for each calendar year from 2000 to the end of December last year. Each continuous monitoring dataset covers one calendar year and consists of ratified hourly average concentrations screened for errors etc. Annual average concentrations and exceedence statistics are also provided in a summary report. Ratified PM₁₀ measurements using the TEOM method have been converted to their gravimetric equivalent.

Passive monitoring of NO₂ by diffusion tube

The Council has monitored NO₂ monthly average concentrations by diffusion tube since 1993 starting with four sites as part of the national long-term NO₂ survey. Since 2002 the number of diffusion tube monitoring locations has been extended successively to over 40 sites at present within the Lancaster district.

Each dataset covers one calendar year and contains the screened monthly results for all passive NO₂ monitoring locations together with the annual mean concentration for each site over that year. For data prior to 2003 laboratory correction factors are provided where available. For data since 2003 annual mean concentrations have been corrected for systematic bias with reference to triple collocated tubes at one of our automatic monitoring stations in Lancaster.

Costs

If you wish to obtain and use the Council's monitoring data then modest charges are made. Residents and students based within the Lancaster district will be exempted from these charges subject to proof of address.

Continuous monitoring

The current charge for NO₂ and PM₁₀ continuous monitoring data (all available sites) per full calendar year is £60 exclusive of VAT.

Passive monitoring

The current charge for our passive monitoring of NO₂ carried out at numerous locations within the District is £60 for all calendar years, exclusive of VAT. Please note that the number of sites and their locations vary from year to year – if you require information about specific locations please confirm before placing an order.

Format of data

We will normally provide data electronically by email in the following formats:

- Detailed monitoring data - Microsoft Excel format
- Summary and statistical data – PDF (Adobe Acrobat) format

Ordering and payment

Orders for monitoring data must specify which of the above datasets are required. They should be addressed as per the contact details at the foot of this page.

Purchasers will be required to confirm in writing their acceptance of the Council's restrictions for use of supplied data using the order form provided.

Unless payment is made on-line using the Council's website or an invoice is requested, full payment must be made by a crossed cheque made payable to Lancaster City Council to be received before the data will be released.

Restrictions

The restrictions we find it necessary to impose are:

1. This data is released for use in relation to one nominated project only by the organisation placing the order.
2. Wherever monitoring data is quoted its quality and treatment must be made clear, i.e. whether it is raw or screened, uncorrected or corrected for systematic bias. Averaging periods must always be stated.
3. Wherever the Council's monitoring data is compared with statutory air quality objectives or EU limit values every care must be taken to ensure that the sites subject to such comparisons are relevant locations. The Council will endeavour to offer on request clarification of which sites are considered to be 'relevant locations'.
4. It must be made clear that any interpretation of the Council's monitoring data for the purchaser's purposes has not been provided by Lancaster City Council.
5. The precise locations of air pollution monitoring points must not be revealed without the Council's express written permission*.
6. All data remains the property of Lancaster City Council and is subject to copyright © Lancaster City Council. It must not be circulated, disseminated or published in any form without the Council's express written permission*. This does not prevent you from summarising it in your reports associated with the project.

* To minimise the risk of site vandalism the location should not be precisely detailed or pictured, although quoting a postal address is acceptable. Where the Council's express written permission is required this must be obtained from the Air Quality Officer or deputy.

Contact details

Please address your order or further enquiries to:

Officer: Ray Liver, Technical Assistant Tel.: 01524 582726

Email: airquality@lancaster.gov.uk Fax: 01524 582709

Post: Lancaster City Council, Environmental Health Service
Town Hall, Marine Road East, Morecambe LA4 5AF