

**Final Report**  
**Pollution Climate Modelling Contract (EPG 1/3/128)**  
**ON THE RECURRENCE OF AIR POLLUTION EPISODES**

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**AUTHOR NOTE**

The Met Office was asked by Department of the Environment, Transport and the Regions to investigate meteorological aspects of air pollution episodes. This study was a broad but preliminary exercise. It analyses the historic record of meteorological observations and pollution monitoring in the London UK area. At the Department's request, we focussed upon the meteorological records; the study does not use emissions inventory data and it does not include dispersion modelling. The research was funded to shed light on the policy question of how do 'typical' years differ, and how might they recur. A wide range of ideas were considered and the scope for new research projects to develop some of the ideas is discussed.

Any conclusions drawn and any views stated are those of the authors. This report should not be regarded as expressing the views of either the Department or the Met Office.

Pollution Climate Modelling Contract (EPG 1/3/128)

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**Includes Annex 1:**

Dixon J and Middleton D R (2001)

An analysis of the meteorology associated with air pollution episodes in the UK.

Presented at The Third International Conference on Urban Air Quality

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