## Air Quality at UK Regional Airports in 2005/10

A report produced for Department of the Environment, Transport and the Regions, the National Assembly for Wales, the Scottish Executive and the Department of the Environment in Northern Ireland

B Y Underwood, S M Brightwell, M J Peirce and C T Walker

## Air Quality at UK Regional Airports in 2005/10

A report produced for Department of the Environment, Transport and the Regions, the National Assembly for Wales, the Scottish Executive and the Department of the Environment in Northern Ireland

B Y Underwood, S M Brightwell, M J Peirce and C T Walker

Title	Air Quality at UK Regional Airports in 2005/10		
Customer	Department of the Environment, Transport and the Regions, the National Assembly for Wales, the Scottish Executive and the Department of the Environment in Northern Ireland		
<b>Customer reference</b>			
Confidentiality, copyright and reproduction	Restricted – Commercial  This document has been prepared by AEA Technology plc in connection with a contract to supply goods and/or services and is submitted only on the basis of strict confidentiality. The contents must not be disclosed to third parties other than in accordance with the terms of the contract.		
File reference	EEQX/ED47014		
Report number	AEAT/ENV/R/0453		
Report status	AEA Technology plc Thomson House Warrington Rd Risley Warrington Cheshire WA3 6AT Telephone +44 (0)1925 254353 Facsimile +44 (0)1925 254570  AEA Technology is the trading name of AEA Technology plc AEA Technology is certificated to BS EN ISO9001:(1994)		
	Name	Signature	Date
Author	B Y Underwood		
Reviewed by	C T Walker		
Approved by	J R Stedman		



Fig 1(a) Birmingham International airport. 2005 Base case. Annual-mean  $NO_{\scriptscriptstyle 2}$  concentrations



Fig 1(b) Birmingham International airport. 2005 High Growth case. Annual-mean  $NO_2$  concentrations

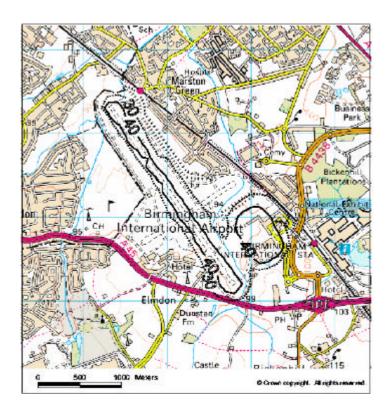


Fig 1(c) Birmingham International airport. 2005 Environmental case. Annual-mean  $NO_2$  concentrations



Fig 1(d) Birmingham International airport. 2010 Base case. Annual-mean  $NO_2$  concentrations



Fig 1(e) Birmingham International airport. 2010 High Growth case. Annual-mean  $NO_2$  concentrations



Fig 1(f) Birmingham International airport. 2010 Environmental case. Annual-mean  ${\rm NO_2}$  concentrations

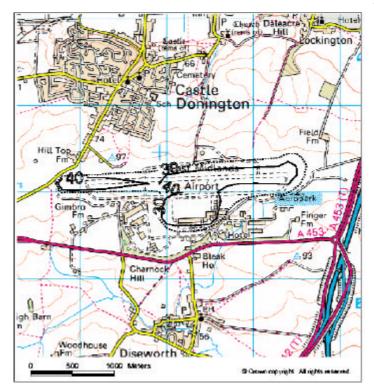


Fig 2(a) East Midlands airport. 2010 Base case. Annual-mean  $NO_2$  concentrations

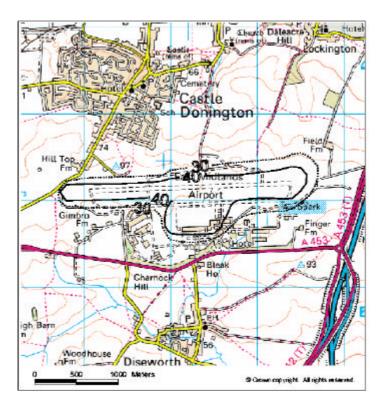


Fig 2(b) East Midlands airport. 2010 High Growth case. Annual-mean  $NO_2$  concentrations

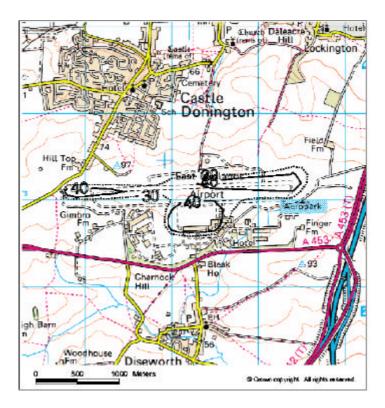


Fig 2(c) East Midlands airport. 2010 Environmental case. Annual-mean  $NO_2$  concentrations



Fig 3(a) Manchester International airport. 2005 Base case. Annual-mean  $NO_2$  concentrations



Fig 3(b) Manchester International airport. 2005 High Growth case. Annual-mean  $NO_2$  concentrations



Fig 3(c) Manchester International airport. 2005 Environmental case. Annual-mean  $NO_2$  concentrations



Fig 3(d) Manchester International airport. 2010 Base case. Annual-mean  $\mathrm{NO}_2$  concentrations

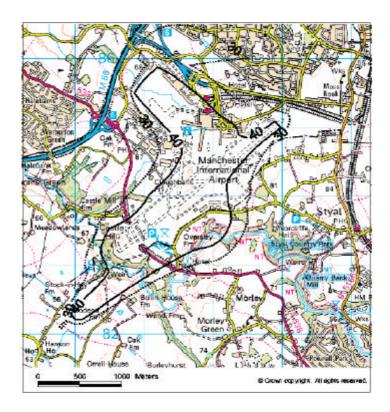


Fig 3(e) Manchester International airport. 2010 High Growth case. Annual-mean  $NO_{\rm 2}$  concentrations



Fig 3(f) Manchester International airport. 2010 Environmental case. Annual-mean  $NO_2$  concentrations