

PUBLIC WEATHER MEDIA SERVICE – PRODUCT DESCRIPTIONS

UK air quality forecast data

PRODUCT CODE – PWMS048

Release: 2.0

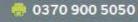
Date: 27 May 2016

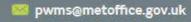
Author: Colin Seddon

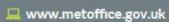
Owner: Corinne George

Client: PWMS

Document Number: 1







Product Description History

Document Location

This document is only valid on the day it was printed.

Revision History

Date of this revision: 27th May 2016 Date of Next revision: 1st June 2017

Revision date	Summary of Changes
27 May 2016	First issue

Distribution

This document has been distributed to

Name	Title	Date of Issue	Version

Product Description

UK Air Quality data, once a day, to T+120

Product Title

UK Air Quality forecast data for approx 5000 UK sites

Purpose of the Product

For use on:

- Broadcast
- Online Services

Data Parameters Supplied

Maximum Air Quality Forecast Index Value for each day.

Each line contains the following comma delimited fields:

	Field number and description	Example Contents	Null Values
1.	Site Name	Characters e.g. = Nashville	
2.	Site Latitude	Latitude (Decimal Degrees) e.g. = 48.51	
3.	Site Longitude	Longitude (Decimal Degrees) e.g. = -122.612	
4.	Start time; timesteps calculated from this	0000	
5.	Day (of forecast start point, day 1)	'Sun', 'Mon', Tue', Wed', Thu', 'Fri' or 'Sat'	
6.	Date of issue or first forecast day	DD e.g. = 05	
7.	Month	MM e.g. = 08	
8.	Year	YYYY e.g. = 2010	
9.	Maximum Air Quality Index	Numeric 1 - 10	
10.	Field 9 is repeated for each of the five days of		
	this forecast product		

Health advice to accompany the Daily Air Quality Index

Air

pollution Value Accompanying health messages for at-risk groups and the general population banding

At-risk individuals*

General population

Low





1-3 Enjoy your usual outdoor activities.

Enjoy your usual outdoor activities.



Moderate





Adults and children with lung problems, and adults with 4-6 heart problems, who experience symptoms, should consider reducing strenuous physical activity, particularly outdoors.

Enjoy your usual outdoor activities.

High









Adults and children with lung problems, and adults with heart problems, should **reduce** strenuous physical exertion, particularly outdoors, and particularly if they experience symptoms. People with asthma may find they need to use their reliever inhaler more often. Older people should also reduce physical exertion.

Anyone experiencing discomfort such as sore eyes, cough or sore throat should consider reducing activity, particularly outdoors.

Very High



Adults and children with lung problems, adults with heart problems, and older people, should avoid strenuous physical activity. People with asthma may find they need to use their reliever inhaler more often.

Reduce physical exertion, particularly outdoors, especially if you experience symptoms such as cough or sore throat.

Data Timesteps Supplied

Daily forecast values for days 1 to 5 inclusive

Frequency of Issue

Once per day

Format of Output File

CSV

Filename EX8018_Air_Quality_forecast_ddMMyy_HHmmss.DAT

Delivery Method

FTP pull from PWMS FTP (FTPWEB)

Roles and Responsibilities

Met Office - Corinne George