

**PUBLIC WEATHER MEDIA SERVICE – PRODUCT DESCRIPTIONS**

# **UK air quality forecast data**

**PRODUCT CODE – PWMS048**

Release: 2.0

Date: 27 May 2016

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Client: PWMS

Document Number: 1

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# Product Description History

## *Document Location*

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

## *Revision History*

**Date of this revision:** 27<sup>th</sup> May 2016

**Date of Next revision:** 1<sup>st</sup> 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

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## Product Description

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

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## Product Title

UK Air Quality forecast data for approx 5000 UK sites

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## Purpose of the Product

For use on:

- Broadcast
  - Online Services
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## 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. = <b>Nashville</b>	
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. = <b>05</b>	
7. Month	MM e.g. = <b>08</b>	
8. Year	YYYY e.g. = <b>2010</b>	
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**



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

**High**



7-9 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**



10 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.

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***Data Timesteps Supplied***

Daily forecast values for days 1 to 5 inclusive

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***Frequency of Issue***

Once per day

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***Format of Output File***

CSV

Filename EX8018\_Air\_Quality\_forecast\_ddMMyy\_HHmms.DAT

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***Delivery Method***

FTP pull from PWMS FTP (FTPWEB)

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***Roles and Responsibilities***

Met Office – Corinne George