

PUBLIC WEATHER MEDIA SERVICE – PRODUCT DESCRIPTIONS

Global forecast data

PRODUCT CODE – PWMS001.1

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: 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

High resolution global data, at 17km updated twice a day to T+132

Product Title

Global forecast data

Purpose of the Product

For use on:

- Broadcast graphics
-

Data Parameters Supplied

Surface Rate of Dynamic Rain (kg/m**2/s)
Surface Rate of Convective Rain (kg/m**2/s)
Surface Rate of Dynamic Snow (kg/m**2/s)
Surface Rate of Convective Snow (kg/m**2/s)
Surface Low-Level Cloud Amount (%)
Surface Medium-Level Cloud Amount (%)
Surface High-Level Cloud Amount (%)
Surface Fog Fraction (%)
Surface Mean Sea Level Pressure (hPa)
Surface Temperature at 1.5m (DegK)
Surface 10m Wind-U (m/s)
Surface 10m Wind-V(m/s)
850 hPa Temperature (DegK)
850 hPa Wet Bulb Potential Temperature (DegK)
850 hPa Wind-U(m/s)
850 hPa Wind-V(m/s)
700 hPa Wind-U(m/s)
700 hPa Wind-V(m/s)
400 hPa Wind-U(m/s)
400 hPa Wind-V(m/s)
300 hPa Wind-U(m/s)
300 hPa Wind-V(m/s)
200 hPa Wind-U(m/s)
200 hPa Wind-V(m/s)
Top of atmosphere radiative flux
1.5m relative humidity
1.5m visibility(DegK)
300hPa air temperature(DegK)

Data Timesteps Supplied

Lead Time: 5.5 days (5 days operational, 0.5 day contingency)

Frequency of Issue

2 times per day

Format of Output File

GRIB 1 format.

Filenames are G*.grb.gz.

Delivery Method

FTP pull from PWMS FTP (FTPWEB)

Roles and Responsibilities

Met Office – Corinne George