

The FLEXPART interface



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What is FLEXPART?

FLEXPART is a Lagrangian particle dispersion model developed and used by a scientific community. It can be driven by meteorological input data from a variety of global and regional models including ECMWF analyses and forecasts.

The home of the software is <https://www.flexpart.eu/>.

What Metview version do I need for FLEXPART?



The minimum Metview version to use is **5.0**.

How to use FLEXPART with Metview?

Metview provides a high level interface to **prepare** input data for FLEXPART from ECMWF's MARS archive (via the [FLEXPART Prepare](#) icon),



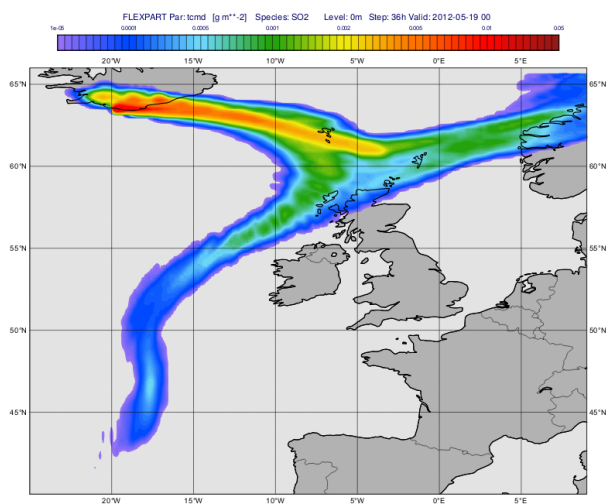
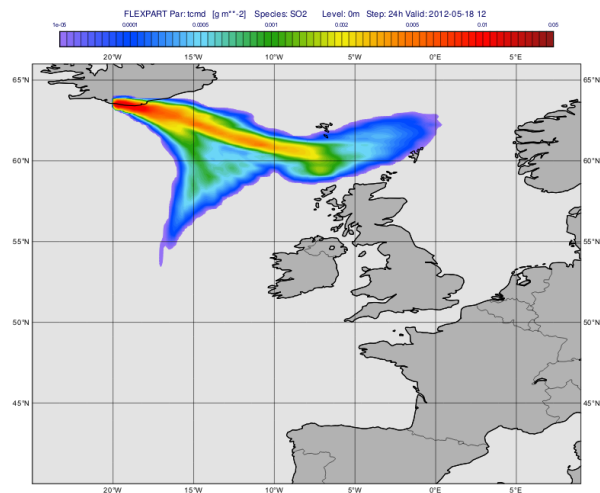
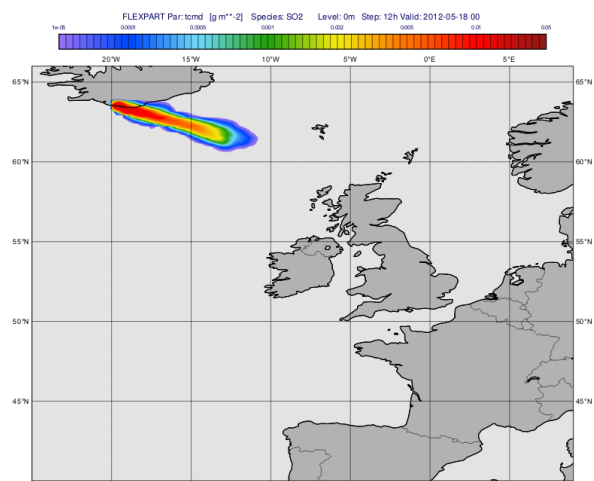
perform a FLEXPART **simulation** (via the [FLEXPART Run](#) icon)

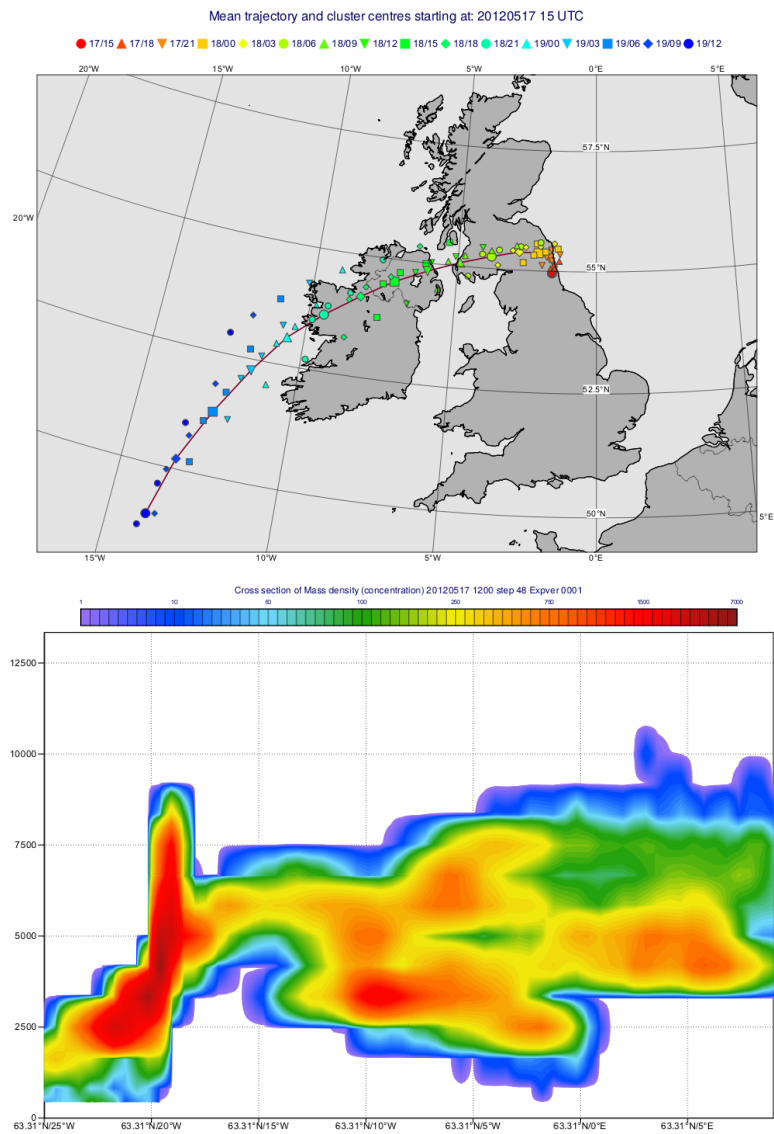


and visualise the resulting output files. For the **visualisation** the gridded outputs in FLEXPART's custom binary format are **converted** to GRIB (click [here](#) for details).

Tutorial

There is a [tutorial](#) available on the use of FLEXPART with Metview explaining both the basics of the FLEXPART simulations and the related visualisation techniques. The snapshots below showcase a few of the FLEXPART plot types that can be generated with Metview:





What FLEXPART version is supported in Metview?



Please note that the Metview interface was written for **version 9.02 of FLEXPART**.

FLEXPART at ECMWF

FLEXPART is installed at ECMWF to be directly used from within Metview. You can find out more about it [here](#).

FLEXPART outside ECMWF

Details about setting up the Metview FLEXPART interface outside ECMWF can be accessed [here](#).