



United Kingdom surface rain rate estimate



The United Kingdom Composite, Surface Rain Rate Estimate is an international radar composite produced by Met Office (UK).

Composite, radar reflectivity derived, surface rain rate estimate product in HDF5 code from stations covering the United Kingdom.

Coverage/Domain

The United Kingdom Composite Surface Rain Rate Estimate uses input from the following countries.

Country/composite	1km composite
United Kingdom (UK)	Max 16 radars

Note: There will be times when radars are not available for various reasons e.g. maintenance.

Frequency

4 images per hour (every 15 minutes).

Format

HDF5

Availability

The data is available from the Met Office and is transmitted within 20 minutes of validity time of the product.

Resolution

1km2 available.

Useful links: Met Office radar fact sheet: [factsheet_15-weather-radar-2020_2023.pdf \(metoffice.gov.uk\)](#)