

Summer RoadCast

An innovative weather forecasting service for summer highways operations



What is Summer RoadCast?

Summer RoadCast is a bespoke weather forecasting service, customised to meet the needs of highways maintenance engineers during the summer months. Detailed, accurate forecasts, for all weather elements which affect planning, operational and maintenance activities, are conveniently delivered via MeteoGroup's password protected website and by email if required. The service is backed up by round-the-clock consultancy from our team of experienced forecasters.

www.Summer.RoadCast.co.uk

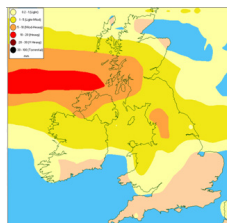
Why choose Summer RoadCast?

From high winds to heavy rain, heat waves to dense fog, severe weather is not confined to the winter months and can pose considerable challenges to the highways industry at any time of year. Dovetailing with the winter maintenance season, Summer RoadCast ensures year-round compliance with recommendations for an adverse weather plan. All forecasts are quality controlled, edited and proactively monitored with updates and amendments issued as and when necessary.

What does Summer RoadCast offer?

High temperature / humidity forecasts

Accurate five day forecasts of domain-specific maximum road surface temperatures are invaluable when scheduling works, deploying resources and organising equipment hire. Summer RoadCast can eliminate the risk of high temperatures or humidity interfering with weather critical operations, such as surfacing works.



Flood warnings

High impact summer flooding events in recent years have highlighted the risks posed by torrential rain. Summer RoadCast provides detailed tabular rainfall forecasts as well as map-based model information out to six days. Specific alerts are triggered when rainfall rates are forecast to exceed 5mm per hour or 25mm in 24 hours, enabling the implementation of flood mitigating measures such as gully clearance. Model forecasts are backed up by 1km / 5 minute forecast precipitation radar - the highest resolution currently available in the UK.

24 hour precipitation

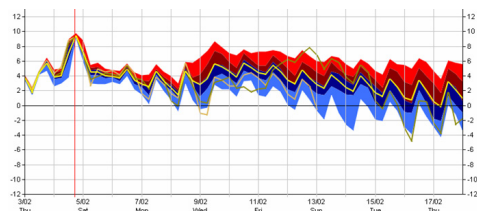
Domains	Thu 25/06 07-13 (mm)	Thu 25/06 13-19 (mm)	Thu 25/06 19-01 (mm)	Fri 26/06 02-07 (mm)
Bristol	0.0	0.0	0.3-2.3	0.5-2.0
North Somerset	0.3-0.4	0.1	0.8-4.1	1.9-7.3
South Gloucestershire	0.0	0.0	0.1-1.4	0.4-2.0

24 hour lightning

Domains	Thu 25/06 07-13	Thu 25/06 13-19	Thu 25/06 19-01
Bristol	nil	Slight	Very High
North Somerset	Moderate	High	High
South Gloucestershire	Slight	Slight	Slight

Gale warnings

High winds can occur at any time of year, causing serious incidents involving high sided vehicles and necessitating bridge and road closures. Summer Roadcast provides detailed, colour-coded UK wind forecast maps out to six days as well as alerts when wind gusts exceed certain thresholds. Clients have the ability to define their own alert thresholds, enabling appropriate closures to be implemented accordingly, and thereby reducing the risk of wind related accidents.



Forecast texts and supplementary information

24 hour and two to five day forecasts are provided as written texts and updated twice daily. These summaries are useful for an immediate overview of the forecast and highlight any anticipated hazards. A comprehensive range of supplementary meteorological information is also provided including 15 and 30 day long range probability forecasts, fog risk maps, synoptic maps and satellite imagery.

How does it work behind the scenes?

Our continual commitment to investing in research and development ensures Summer RoadCast is constantly being improved in line with the latest developments in meteorology such as sophisticated road temperature modelling, ensemble forecasting techniques and high resolution forecasting models.

MeteoGroup's long experience in the UK highways market gives us an in-depth knowledge of all geographical locations whilst forecaster intervention and pro-active monitoring ensure that our forecasts are produced to a consistently high standard.

Contact us

We'd be delighted to provide more in-depth information about Summer RoadCast and to discuss how this service can be tailored to your needs.

E-mail: roadcast@meteogroup.com

Web: www.meteogroup.com