Kent and Medway Air Quality Network

Air Pollution Episode Summary Bulletin

A Particulate Matter air pollution episode has taken place in the region 5th November 2026 to 9th November 2026.

Measured results at the Network's stations have been verified and illustrate $PM_{2.5}$ and PM_{10} concentrations in the moderate range peaking up to very high according to the Daily Air Quality Index.

The episode was driven by anti-cyclonic weather conditions where a slow-moving air mass has been drawing cool air from the North Sea over Kent. This led to fog and a temperature inversion where dense air was trapped at the surface by cool air above it, low wind speeds meant that air and the pollution in it were not being moved away. Bonfire night and Diwali celebrations are likely to have been significant contributing factors to particulate matter pollution caught in the inversion.

Other pollutant concentrations have shown a slight elevation but remain in the low bandings.

For daily or future episode focused forecasts and measured data alerts, please subscribe to the KentAir email service.

KentAir holds a selection of resources, information and FAQs regarding air quality. If you have any further questions, please contact us.

WSP Air Quality Measurements Team on behalf of the KMAQ Partnership.