



Low Air Pollution
Forecast: Sunday 1st
July to Wednesday
4th July

<p>Dear All,</p> <p>The headline forecast is generally for continuing Low pollution everywhere across the UK.</p> <p>Current Situation
 Air pollution levels are currently Low (index 1-3) at all sites in the UK Automatic Urban and Rural Network. Our review of all monitoring networks across the UK and the south-east including the London Air Quality Network, Kent and Medway sites show similar low pollution concentrations.</p> <p>Weather summary for the next few days
 The weather until Wednesday is likely to be cooler and more unsettled than in previous days with temperatures likely to peak at 20 degrees Celsius in Eastern Areas and other southern areas on Wednesday. It is expected that air pollution levels will remain low with scattered showers and gusty weather continuing to disperse local air pollution.</p> <p>Air pollution outlook until Wednesday 4th July
 4-day air mass back trajectories indicate that air arriving in the UK between now and Wednesday will contain clean air from the North Sea and the Atlantic. This clean westerly air, coupled with showers and breezy conditions will ensure air pollution levels will remain Low across the UK.</p> <p>Many Thanks</p> <p>██████████
 AEA Duty Forecaster
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Low Air Pollution
Forecast: Monday
2nd July to Thursday
5th July

<p>Dear All,</p> <p>The headline forecast is for continuing Low pollution everywhere across the UK.</p> <p>Current Situation
 Air pollution levels are currently Low (index 1-3) at all sites in the UK Automatic Urban and Rural Network. Our review of all monitoring networks across the UK and the south-east including the London Air Quality Network, Kent and Medway sites show similar low pollution concentrations.</p> <p>Weather summary for the next few days
 The weather over the next few days is predicted to remain cool and cloudy, wet in parts, with maximum temperatures of about 17 degrees Celsius in the South of England. Conditions will be increasingly wet and windy during this week. The weather conditions will disperse any polluting emissions from local sources, and the cool temperatures and cloud will also restrict the photochemical atmospheric processes which cause ground level ozone.</p> <p>Air pollution outlook until Thursday 5th July
 4-day air mass back trajectories indicate that air arriving in the UK between now and Thursday will predominantly be sourced from over the Atlantic bringing relatively clean air masses. This clean westerly air, coupled with showers and breezy conditions

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will ensure air pollution levels will remain Low across the UK.
Many thanks
[REDACTED]
AEA Duty Forecaster

Low Air Pollution
Forecast: Tuesday
3rd July to Friday
6th July

Dear All,
The headline forecast is for continuing Low pollution everywhere across the UK.
Current Situation
Air pollution levels are currently Low (index 1-2) at all sites in the UK Automatic Urban and Rural Network. Our review of all monitoring networks across the UK and the south-east including the London Air Quality Network, Kent and Medway sites show similar low pollution concentrations.
Weather summary for the next few days
Currently the weather is likely to be unsettled, a low pressure system will bring breezy conditions, a fair amount of cloud cover and rain across the British Isles. Wind speeds will be moderate to breezy throughout the forecasting period. Under the unsettled weather conditions it is very likely that any locally emitted pollutants will quickly disperse.
Air pollution outlook until Friday
6th July
4-day air mass back trajectories indicate that air arriving in the UK between now and Friday will predominantly be sourced from over the Atlantic across the forecasting period, resulting in relatively clean air masses, thus will be free from pollutants. As a result of the showery conditions, favourable dispersion rates and relatively clean incoming air, all pollutants are forecast to remain in the Low band. The Olympic torch will be travelling from Leicester to Peterborough today and to Norwich tomorrow, where pollution levels are expected to be Low.
Kind regards
[REDACTED]
AEA Duty Forecaster

2012-07-03
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Low Air Pollution
Forecast: Wednesday
4th July to Saturday
7th July

Dear All,
The headline forecast is for continuing Low pollution everywhere across the UK.
Current Situation
Air pollution levels are currently Low (index 1-2) at all sites in the UK Automatic Urban and Rural Network. Our review of all monitoring networks across the UK and the south-east including the London Air Quality Network, Kent and Medway sites show similar low pollution concentrations.
Weather summary for the next few days
Showery and changeable conditions are forecast for the next few days in the UK. Wind speeds will be moderate to breezy throughout the forecasting period. Breezy winds and showers will help to disperse any built-up pollution.
Air pollution outlook until Saturday
7th July
4-day air mass back-trajectory plots indicate that the air reaching the UK will be sourced from the Atlantic

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today and tomorrow, on Friday the air masses will originate from over Scandinavia and it will be re-circulated over the North of France and the UK. Models show that the air arriving from Scandinavia will not be carrying significant amounts of pollutants. As a result of the showery conditions and favourable dispersion rates all pollutants are forecast to remain in the Low band. The Olympic torch will be travelling from Peterborough to Norwich today and to Ipswich tomorrow, where pollution levels are expected to be Low.

Kind regards
[REDACTED]
AEA Duty Forecaster

Dear All,

The headline forecast is for continuing Low pollution everywhere across the UK.

Current Situation Air pollution levels are currently Low (index 1-3) at all sites in the UK Automatic Urban and Rural Network. Our review of all monitoring networks across the UK and the south-east including the London Air Quality Network, Kent and Medway sites show similar low pollution concentrations.

Weather summary for the next few days The weather over the next few days is forecast to remain unsettled. Today will be brighter with sunny spells in southern and eastern parts of the UK.

Low Air Pollution
Forecast: Thursday
5th July to Sunday
8th July

From tomorrow wet and windy conditions are predicted until Monday, with a maximum temperature of about 23 degrees Celsius in the South East of England. Wind speeds will be moderate to breezy throughout the forecasting period.

Air pollution outlook until Sunday 8th July

4-day air mass back-trajectory plots indicate that the air reaching the UK will be sourced from over the Atlantic today, from tomorrow the air masses will originate from over Scandinavia and it will be re-circulated over the North of France and the UK. Models show that the air arriving from Scandinavia will not be carrying significant amounts of pollutants. As a result of the showery conditions and favourable dispersion rates all pollutants are forecast to remain in the Low band. The Olympic torch will be travelling from Norwich to Ipswich today and to Chelmsford tomorrow, where pollution levels are expected to be Low.

Kind regards
[REDACTED]
AEA Duty Forecaster

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Low Air Pollution
Forecast: Friday 6th
July to Monday 9th
July

Dear All,

The headline forecast is for continuing Low pollution everywhere across the UK.

Current Situation Air pollution levels are currently Low (index 1-3) at all sites in the UK Automatic Urban and Rural Network. Our review of all monitoring networks across the UK and the south-east including the London Air Quality Network, Kent and Medway sites show similar low pollution

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concentrations.

Weather summary for the next few days
 The weather over the next few days is forecast to be very wet and windy. Today persistent heavy rain will be widely spread across central England, Wales and parts of Northern England. In the rest of the UK it will be cool and cloudy with scattered heavy showers. The maximum temperature will be 22 degrees Celsius in the North of Scotland.

Air pollution outlook until Monday 9th July
 4-day air mass back-trajectory plots indicate that the air reaching the UK will be sourced from over Scandinavia and it will be re-circulated over the North of France and the UK. Models show that the air arriving from Scandinavia will not be carrying significant amounts of pollutants. Dispersion conditions at ground level are modelled to be favourable during the forecasting period; therefore all pollutants are forecast to remain in the Low band. The Olympic torch will be travelling from Ipswich to Chelmsford today and to Cambridge tomorrow, where pollution levels are expected to be Low.

Forecast air pollution outlook for Saturday 7th July to Friday 13th July
 From Saturday to Friday next week the forecast is for Low pollution across the UK, as the cloudy and rainy weather continues.

Kind regards

 AEA Duty Forecaster

Dear All,

The headline forecast is for continuing Low pollution everywhere across the UK.

Current Situation
 Air pollution levels are currently Low (index 1-3) at all sites in the UK Automatic Urban and Rural Network. Our review of all monitoring networks across the UK and the south-east including the London Air Quality Network, Kent and Medway sites show similar low pollution concentrations.

Weather summary for the next few days
 Showery and changeable conditions are forecast for the next few days in the UK. Wind speeds will be moderate to breezy throughout the forecasting period. The maximum temperature will be 20 degrees Celsius in the South-West of England.

Air pollution outlook until Tuesday 10th July
 4-day air mass back-trajectory plots indicate that the majority of incoming air masses will be from over the North Atlantic. Clean northerly air arriving in the UK from the Atlantic will ensure that background pollutant levels remain low, whilst breezes will help to effectively disperse any locally emitted pollutants. The forecast is therefore for Low pollution across the UK. The Olympic torch will be travelling from Chelmsford to Cambridge today and to Luton tomorrow, where pollution

Low Air Pollution
 Forecast: Saturday
 7th July to Tuesday
 10th July

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levels are expected to be Low.</p><p>Kind regards</p><p>[REDACTED] br /> AEA Duty Forecaster
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Low Air Pollution
Forecast: Sunday 8th
July to Wednesday
11th July

<p>Dear All,</p><p>The headline forecast is for
continuing Low pollution everywhere across the UK.</p><p>Current Situation
 Air pollution
levels are currently Low (index 1-3) at all sites in the UK
Automatic Urban and Rural Network. Our review of all
monitoring networks across the UK and the south-east
including the London Air Quality Network, Kent and
Medway sites show similar low pollution
concentrations.</p><p>Weather summary for the
next few days
 The weather continues to be
unsettled, a low pressure system will bring breezy
conditions, a fair amount of cloud cover and rain across the
British Isles. Wind speeds will be moderate to breezy
throughout the forecasting period. The maximum
temperature will be 20 degrees Celsius in the South-West of
England.</p><p>Air pollution outlook until
Wednesday 11th July
 4-day air mass back-
trajectory plots indicate that the majority of incoming air
masses will be from over the North Atlantic. Fresh and
breezy northerly winds will bring clean air from the Atlantic;
therefore pollution levels will remain low at the air pollution
index 1-3. The Olympic torch will be travelling from
Cambridge to Luton today and to Oxford tomorrow, where
pollution levels are expected to be Low.</p><p>Kind
regards</p><p>[REDACTED]
 AEA Duty
Forecaster
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Low Air Pollution
Forecast: Monday
9th July to Thursday
12th July

<p>Dear All,</p><p>The headline forecast is for
continuing Low air pollution throughout the UK.</p><p>Current Situation
 Air pollution
levels are currently Low (index 1-3) at all sites in the UK
Automatic Urban and Rural Network. Our review of all
monitoring networks across the UK and the south-east
including the London Air Quality Network, Kent and
Medway sites show similar low pollution
concentrations.</p><p>Weather summary for the
next few days
 Unsettled weather persists
across the UK. A low pressure system is causing cool
northerly winds and bringing persistent rain and occasionally
heavy showers to the UK this week. Maximum temperatures
are expected to be 20 degrees Celsius in the south-east of
England.</p><p>Air pollution outlook until
Thursday 12th July
 4-day air mass back-
trajectory plots indicate that incoming air masses will be
from over the Norwegian Sea. Cold northerly winds will
bring clean air from the north. Pollution levels will therefore
remain low at the air pollution index 1-3. The Olympic torch

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will be travelling from Luton to Oxford today, and to Reading tomorrow. Pollution levels are forecast to be Low in these areas.

Kind regards,

██████████ AEA Duty Forecaster

Dear All,

The headline forecast is for continuing Low air pollution throughout the UK.

Current Situation Air pollution levels are currently Low (index 1-3) at all sites in the UK Automatic Urban and Rural Network. Our review of all monitoring networks across the UK and the south-east indicates similar low pollution concentrations across the Kent and Medway network, however the London Air Quality Network currently shows localised elevated NO2 at Wandsworth Putney High Street (index 4).

Low Air Pollution
Forecast: Tuesday
10th July to Friday
13th July

Weather summary for the next few days Northerly winds continue to cause wet and breezy weather, and rather low temperatures throughout the UK. Maximum temperatures are expected to be 19 degrees Celsius in the south-east of England.

Air pollution outlook until Friday 13th July 4-day air mass back-trajectory plots indicate that incoming air masses will be from over the Norwegian Sea and the North Atlantic Ocean, bringing clean air. Pollution levels are hence forecast to remain low at the air pollution index 1-3. The Olympic torch is travelling from Oxford to Reading today, and to Winchester and Salisbury tomorrow. Pollution levels are forecast to be Low in these areas.

Kind regards,

██████████ AEA Duty Forecaster

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Low Air Pollution
Forecast: Wednesday
11th July to Saturday
14th July

Dear All,

The headline forecast is for continuing Low air pollution throughout the UK.

Current Situation Air pollution levels are currently Low (index 1-3) at all sites in the UK Automatic Urban and Rural Network. In the past 24 hours, London Marylebone Road has experienced Moderate (index 4) levels due to localised elevated NO2.

Our review of all monitoring networks across the UK and the south-east indicates similar low pollution concentrations across the Kent and Medway network, however the London Air Quality Network currently shows localised elevated NO2 at two local sites in Wandsworth and elevated PM10 at one site in Brent (all roadsides).

Weather summary for the next few days Northerly winds continue to cause wet and breezy weather, and rather low temperatures throughout the UK. Maximum temperatures are expected to be 19 degrees Celsius in the south-east of England.

Air pollution outlook until

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Saturday 14th July
4-day air mass back-trajectory plots indicate that incoming air masses will be from over the Norwegian Sea and the North Atlantic Ocean, bringing clean air. Pollution levels are hence forecast to remain low at the air pollution index 1-3. The Olympic torch is travelling from Reading to Salisbury today, and to Weymouth tomorrow. Pollution levels are forecast to be Low in these areas.
Kind regards,
[REDACTED] AEA Duty Forecaster

Dear All,
The headline forecast is for continuing Low air pollution throughout the UK.
Current Situation
Air pollution levels are currently Low (index 1-3) at all sites in the UK Automatic Urban and Rural Network. Our review of all monitoring networks across the UK and the south-east indicates similar low pollution concentrations across the Kent and Medway network, however the London Air Quality Network currently shows localised elevated NO2 in Wandsworth (level 5).
Weather summary
for the next few days
Northerly winds continue to bring breezy and cool weather, with bright spells and occasionally heavy showers throughout the UK. Maximum temperatures are expected to be 20 degrees

Low Air Pollution
Forecast: Thursday
12th July to Sunday
15th July

2012-07-
12
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Celsius in the south-east of England.
Air pollution outlook until Sunday 15th July
4-day air mass back-trajectory plots show that incoming air masses will be from the Norwegian Sea and the North Atlantic Ocean, bringing clean air to the UK. Pollution levels are hence forecast to remain low at the air pollution index 1-3. The Olympic torch is travelling from Salisbury to Weymouth today, and to Bournemouth tomorrow. Pollution levels are forecast to remain Low in these areas.
Kind regards,
[REDACTED] AEA Duty Forecaster

Dear All,
The headline forecast is for continuing Low pollution everywhere across the UK.
Current Situation
Air pollution levels are currently Low (index 1-3) at all sites in the UK Automatic Urban and Rural Network. Our review of

Low Air Pollution
Forecast: Friday 13th
July to Monday 16th
July

2012-07-
13
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all monitoring networks across the UK and the south-east including the London Air Quality Network, Kent and Medway sites show similar low pollution concentrations. Wandsworth Putney High Street is showing localised Moderate levels of NO2 (index 5).
Weather summary
for the next few days
The weather over the next few days is forecast to be breezy with heavy rain at times, though getting brighter on Sunday and Monday.

Air pollution outlook until Monday 16th July
4-day air mass back-trajectory plots indicate that the air reaching the UK will be sourced from over the Norwegian Sea and the North Atlantic. The clean air along with wet and breezy conditions mean that Low air pollution is forecast until Monday. The Olympic torch is travelling from Weymouth to Bournemouth today and to Southampton tomorrow, where pollution levels are expected to be Low.

Forecast air pollution outlook for Saturday 14th July to Friday 20th July
Low air pollution is forecast from Tuesday 17th to Friday 20th July. Although the beginning of next will be drier, unsettled weather is forecast to continue, with temperatures around average for this time of year.

Kind regards,
[REDACTED]
AEA Duty Forecaster

Low Air Pollution
Forecast: Saturday
14th July to Tuesday
17th July

Dear All, The headline forecast is for continuing Low air pollution throughout the UK. Current Situation Air pollution levels are currently Low (index 1-3) at all sites in the UK Automatic Urban and Rural Network. Our review of all monitoring networks across the UK and the south-east, including the London Air Quality Network and the Kent and Medway sites, show similar low pollution concentrations, with some localised moderate NO2. Weather summary for the next few days Unsettled weather continues across the UK, though high pressure building over the Atlantic will bring brighter weather to the UK on Sunday and into the beginning of next week. Maximum temperatures of 21 degrees Celsius are currently forecast in East Anglia on Tuesday. Air pollution outlook until Tuesday 17th July 4-day air mass back-trajectory plots indicate that incoming air masses will be from over the Norwegian Sea and the North Atlantic during the forecasting period. With this clean incoming air, pollution levels are forecast to remain low at the air pollution index 1-3. The Olympic torch will be travelling from Bournemouth to the Isle of Wight and Southampton today, and to Jersey, Guernsey and Portsmouth tomorrow. Pollution levels are expected to be Low in these areas. Kind regards [REDACTED] AEA Duty Forecaster

2012-07-
14
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Low Air Pollution
Forecast: Sunday
15th July to
Wednesday 18th
July

Dear All, The headline forecast is for continuing Low air pollution throughout the UK.

Current Situation
Air pollution levels are currently Low (index 1-3) at all sites in the UK Automatic Urban and Rural Network. Our review of all monitoring networks across the UK and the south-east, including the London Air Quality Network and the Kent and Medway sites, show similar low pollution concentrations.

Weather summary for the next few days
The UK will experience relatively settled

2012-07-
15
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weather today as it is affected by high pressure over the Atlantic. Unsettled weather, bringing rain is expected to return tomorrow. Maximum temperatures of 22 degrees Celsius are forecast for the south-east on Tuesday.

Air pollution outlook until Wednesday 18th July

4-day air mass back-trajectory plots indicate that incoming air masses will be from over the Norwegian Sea today and from the North Atlantic from Monday - Wednesday. As the breezes bring clean incoming air, pollution levels are forecast to remain low at the air pollution index 1-3. The Olympic torch will be travelling from Southampton to Guernsey, Jersey and Portsmouth today, and to Brighton tomorrow. Pollution levels are expected to be Low in these areas.

Kind regards,

[REDACTED]

AEA Duty Forecaster

Low Air Pollution
Forecast: Monday
16th July to
Wednesday 19th
July

Dear All,

The headline forecast is for continuing Low air pollution throughout the UK.

Current Situation

Air pollution levels are currently Low (index 1-3) at all sites in the UK Automatic Urban and Rural Network. Our review of all monitoring networks across the UK and the south-east, including the London Air Quality Network and the Kent and Medway sites, show similar low pollution concentrations.

Weather summary for the next few days

The UK will experience unsettled wet and breezy weather today as it is affected by a weather system sourced from the North Atlantic. It is forecast that unsettled breezy conditions will continue to affected the UK until Thursday.

Air pollution outlook until Thursday 19th July

4-day air mass back-trajectory plots indicate that incoming air masses will be from the North Atlantic until Wednesday. On Thursday air masses will continue from the North Atlantic for the majority of the UK with the exception of Scotland and North East England where Arctic air masses are forecast. With Clean air masses and unsettled weather, pollution levels are forecast to remain low at the air pollution index 1-3. The Olympic torch will be travelling from Portsmouth and Brighton today, and on to Hastings tomorrow. Pollution levels are expected to be Low in these areas.

Kind regards,

[REDACTED]

AEA Duty Forecaster

2012-07-
16
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Low Air Pollution
Forecast: Tuesday
17th July to Friday
20th July

The headline forecast is for continuing Low air pollution throughout the UK.

Current Situation

Air pollution levels are currently Low (index 1-3) at all sites in the UK Automatic Urban and Rural Network. Our review of

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17
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all monitoring networks across the UK and the south-east, including the London Air Quality Network and the Kent and Medway sites, show similar low pollution concentrations.

Weather summary for the next few days

The UK will experience a mixture of sunshine and showers today with a stiffing breezy from the west as a weather system sourced from the North Atlantic affects the region. It is forecast to remain cool (for this time of year), unsettled and breezy until Friday.

Air pollution outlook until Friday 20th July

4-day air mass back-trajectory plots indicate that incoming air masses will be from the North Atlantic until Wednesday. On Thursday and Friday air masses will continue from the North Atlantic for the majority of the UK with the exception of Scotland and North East England where Arctic air masses are forecast. With Clean air masses and unsettled weather, pollution levels are forecast to remain low at the air pollution index 1-3. It is forecast that dust, sourced from Northern Africa, will briefly be over England and Wales tomorrow morning (18th July). However, it is not expected to affect ground level pollution levels. The Olympic torch will be travelling from Brighton to Hastings today, and on to Dover tomorrow. Pollution levels are expected to be Low in these areas.

Kind regards,


AEA Duty Forecaster

Dear All,

The headline forecast is for continuing Low air pollution throughout the UK.

Current Situation

Air pollution levels are currently Low (index 1-3) at all sites in the UK Automatic Urban and Rural Network. Our review of all monitoring networks across the UK and the south-east, including the London Air Quality Network and the Kent and Medway sites, show similar low pollution concentrations. Moderate SO2 was measured at Grangemouth over the past 24 hours. This was due to very localised industrial activities over a short period of time.

Weather summary for the next few days

The UK will experience a mixture of sunshine and showers today with a strong breezy from the west as a weather system sourced from the North Atlantic affects the region. It is forecast to remain unsettled and breezy until Saturday, with dry brighter conditions in the South.

Air pollution outlook until Saturday 21st July

4-day air mass back-trajectory plots indicate that incoming air masses will be from the North Atlantic today. On Thursday air masses will continue from the North Atlantic for the majority of the UK with the exception of Scotland and North East England where Arctic air masses are forecast. These Arctic air masses will affect

Low Air Pollution
Forecast: Wednesday
18th July to Saturday
21st July

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18
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the majority of the UK on Friday and Saturday. With clean air masses and unsettled weather conditions, pollution levels are forecast to remain low at the air pollution index 1-3. The Olympic torch will be travelling from Hastings to Dover today, and from Deal to Maidstone tomorrow. Pollution levels are expected to be Low in these areas.

Kind regards,

[REDACTED]

AEA Duty Forecaster

Low Air Pollution
Forecast: Thursday
19th July to Sunday
22nd July

Dear All,

The headline forecast is for continuing Low air pollution throughout the UK.

Current Situation

Air pollution levels are currently Low (index 1-3) at all sites in the UK Automatic Urban and Rural Network. Our review of all monitoring networks across the UK and the south-east, including the London Air Quality Network and the Kent and Medway sites, show similar low pollution concentrations.

Weather summary for the next few days

The UK will experience a mixture of sunshine and showers today with a breeze from the north as anti-cyclonic weather system, sourced from the North Atlantic, affects the region. These weather conditions are to remain unchanged into the weekend with drier conditions for England and Wales.

Air pollution outlook until Saturday 21st July

4-day back-trajectory plots indicate that incoming air masses will be from the North Atlantic today with the exception of Scotland and North East England where Arctic air masses are forecast. On Friday and over the weekend air masses will be mainly sourced from the Arctic. With clean air masses coupled with the weather conditions stated, pollution levels are forecast to remain low at the air pollution index 1-3. The Olympic torch will be travelling from Deal to Maidstone today, and on to Guildford tomorrow. Pollution levels are expected to be Low in these areas.

Kind regards,

[REDACTED]

AEA Duty Forecaster

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19
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Low Air Pollution
Forecast: Friday 20th
July to Monday 23rd
July

Dear All,

The headline forecast is for continuing Low air pollution for the majority of the UK with the possibility of Moderate ozone across London & southern England from Saturday afternoon.

Current Situation

Air pollution levels are currently Low (index 1-3) at all sites in the UK Automatic Urban and Rural Network. Our review of all monitoring networks across the UK and the south-east, including the London Air Quality Network and the Kent and Medway sites, show similar low pollution concentrations.

Weather summary for the next few days

The UK will experience mainly

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20
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settled overcast conditions today with a chance of isolated showers and periods of sunshine. The breeze, if any, will generally be from the North West. These conditions are due to an anti-cyclonic weather system affecting the UK. The weather conditions over the weekend will generally be fine and bright for most locations with a greater chance of rain in the north. A steady breeze will affect most of the UK over the weekend. By Sunday temperatures will rise into the mid to late 20's (degrees Celsius) for most of England.

Air pollution outlook until Monday 23rd July
4-day back-trajectory plots indicate that incoming air masses will be from the Arctic today and tomorrow. North Atlantic air masses will begin to affect the UK on Sunday and Monday. With clean air masses coupled with the weather conditions stated, pollution levels are forecast to remain low at the air pollution index 1-3 for all pollutants except Ozone. CMAQ models forecast the possibility of Moderate Ozone (index 4-6) for London and southern England during Saturday, Sunday and Monday afternoon. East Anglia and South Wales may also be affected on Sunday. This elevation in ozone is due to the increasingly warm and sunny weather conditions forecast for these areas.

The Olympic torch will be travelling from Maidstone to Guildford today, and from Greenwich to Waltham Forest tomorrow. All pollution levels are expected to be Low in these areas today. Moderate Ozone is forecast for late tomorrow afternoon. All other pollutants will be Low. For the week ahead, air pollution conditions may worsen in southern areas as more settled, hot and dry weather is forecast for the middle of next week. A front moving in from the north west should see pollution levels in northern areas remain low. These predictions will be reviewed over the weekend as more data is made available.

Kind regards,
[REDACTED]
AEA
Duty Forecaster

Dear All,
The headline forecast is for Moderate (index 4-6) ozone in parts of southern England, including London, with Low air pollution for other pollutants and the rest of the UK.

Current Situation
Air pollution levels are currently Low (index 1-3) at all sites in the UK Automatic Urban and Rural Network, for PM10, PM2.5, SO2, NO2 and O3. A review of other monitoring networks, including the London Air Quality Network and the Kent and Medway sites, show similar Low pollution concentrations. However, there is still a possibility of Moderate ozone levels in southern England, including London, today.

Weather summary for the next few days
The weather is expected to be better

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over the weekend than it has been recently, with dry, sunny and warm conditions across the south of England and the Midlands. Northern areas are likely to remain cloudy with cooler temperatures and some rain. Breezy conditions are forecast for the whole of the UK, which will help to disperse any local emissions. Next week the weather will continue to improve, with some parts of the south east reaching around 28 degrees Celsius, and generally dry and warm weather everywhere else. The longer term weather forecast is uncertain but it is likely to be unsettled, with warm, mainly dry weather in the south and cooler, wetter weather in the north from next weekend.

Air pollution outlook until Wednesday 25th July


Air mass back trajectories indicate that air will be coming into the British Isles from the Arctic and North Atlantic oceans, so should be relatively clean, but there is likely to be some recirculation of this air over the UK over the weekend. There are some forecasts of Saharan dust clouds over northern Africa and southern Europe but these are unlikely to reach the UK for this reason.

The CMAQ model is forecasting Low pollution levels for PM10, PM2.5, NO2 and SO2 for the next couple of days, but Moderate (index 4-6) ozone for much of southern England on Sunday and Monday. This is due to the warm and sunny weather which favours the formation of secondary ozone in the atmosphere.

The Olympic torch will be travelling in East London over the weekend, from Greenwich to Waltham Forest and Redbridge to Bexley, and then it will be in south west London at the start of next week. There may be Moderate ozone levels in these areas during this period, but other pollutants are expected to remain low.

Longer term Forecast

After Wednesday, the situation is likely to remain much the same, with Low pollution levels across most of the UK, with some parts of southern England experiencing Moderate ozone due to elevated temperatures. This longer term forecast is, however, more uncertain and is largely dependent on the weather forecast.

Kind regards,  AEA Duty Forecaster

Moderate Air
Pollution Forecast:
Sunday 22nd July to
Thursday 26th July

Dear All,

The headline forecast is for Moderate (index 4-6) ozone in parts of southern England, including London, with Low air pollution for other pollutants and the rest of the UK.

Current Situation

Air pollution levels are currently Low (index 1-3) at all sites in the UK Automatic Urban and Rural Network, for PM10, PM2.5, SO2, NO2 and O3. A review of other monitoring networks, including the London Air Quality Network and the Kent and Medway sites, show similar Low pollution concentrations.

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However, there is still a possibility of Moderate ozone levels in southern England, including London, today.

Weather summary for the next few days

The weather is likely to be hot (up to 29 degrees Celsius), dry and bright in the Midlands, South and South east, from Monday to Thursday. Cooler temperatures, cloud and some rain showers can be expected in Wales, Northern Ireland, Scotland and Northern England. Breezy conditions are forecast for early in the week, and this will help to disperse and local emissions quickly, helping to prevent the build-up of pollution at roadsides. The longer term weather forecast is uncertain but it is likely to be unsettled, with warm, mainly dry weather in the south and cooler, wetter weather in the north from next weekend.

Air pollution outlook until Thursday 26th July

Air mass back trajectories indicate that clean air will be coming into the British Isles from the North Atlantic. There are still some forecasts of Saharan dust clouds over northern Africa and southern Europe but these are unlikely to reach the UK for this reason. The CMAQ model is forecasting Low pollution levels for PM10, PM2.5, NO2 and SO2, but Moderate (index 4-6) ozone for much of southern England early in the week, because of the warm and sunny weather which favours the formation of secondary ozone in the atmosphere. The Olympic torch will be travelling from Lewisham to Wandsworth on Monday, then through London during the rest of the week, arriving at the Olympic Park on Friday. There may be Moderate ozone levels in these areas during this period, but other pollutants are expected to remain low.

Longer term Forecast

After Thursday, the situation is likely to remain much the same, with Low pollution levels across most of the UK, with some parts of southern England experiencing Moderate ozone for as long as the hot and sunny weather lasts.

Kind regards,

██████████ AEA Duty Forecaster

Dear All,

The headline forecast is for Moderate (index 4-5) ozone in parts of southern England, including London, with Low air pollution for other pollutants and the rest of the UK.

Moderate Air
Pollution Forecast:
Monday 23rd July to
Friday 27th July

Current Situation

Air pollution levels are currently Low (index 1-3) at all sites in the UK Automatic Urban and Rural Network, for PM10, PM2.5, SO2, NO2 and O3. A review of other monitoring networks, including the London Air Quality Network and the Kent and Medway sites, show similar Low pollution concentrations. However, there is still a possibility of Moderate ozone levels in southern England, including London, today.

2012-07-
23
12:24:48

Weather summary for the next few days
The weather is likely to be hot (up to 29 degrees Celsius), dry and bright in the Midlands, South and South east, from Monday to Thursday. Cooler temperatures, cloud and some rain showers can be expected in Wales, Northern Ireland, Scotland and Northern England. Breezy conditions are forecast for early in the week, and this will help to disperse and local emissions quickly, helping to prevent the build-up of pollution at roadsides. The longer term weather forecast is uncertain but it is likely to be unsettled, with warm, mainly dry weather in the south and cooler, wetter weather in the north from next weekend.

Air pollution outlook until Friday 27th July
Air mass back trajectories indicate that for the majority of the British Isles clean air will be coming from the North Atlantic. However, air arriving over south east England and London will be coming from continental Europe. The CMAQ model is forecasting Low pollution levels for PM10, PM2.5, NO2 and SO2, but Moderate (index 4-6) ozone for much of southern England Tuesday and Wednesday, because of the warm and sunny weather which favours the formation of secondary ozone in the atmosphere. The Olympic torch will be travelling from Kingston to Ealing on Tuesday, continuing within London during the rest of the week, arriving at the Olympic Park on Friday. There may be Moderate ozone levels in these areas during this period, but other pollutants are expected to remain low.

Longer term Forecast
After Friday, the situation is likely to remain much the same, with Low pollution levels across most of the UK, with some parts of southern England experiencing Moderate ozone for as long as the hot and sunny weather lasts.

Best regards,
[REDACTED] AEA Duty Forecaster

Dear All,
The headline forecast continues to be Moderate (index 4-5) ozone in parts of southern England, including London, with Low air pollution for other pollutants and the rest of the UK.

Current Situation
Air pollution levels are currently Low (index 1-3) at most sites in the UK Automatic Urban and Rural Network, for PM10, PM2.5, SO2, NO2 and O3. Localised moderate (index 4) NO2 levels at Marylebone Rd are currently being measured. A review of other monitoring networks show the following: a) London Air Quality Network shows moderate index 4 for NO2 at two roadsides, the Kent and Medway sites show low air pollution levels and Sussex-Air show a widespread of ozone moderate levels (index 4).

Weather summary for the next few days
The weather

Moderate Air
Pollution Forecast:
Tuesday 24th July to
Saturday 28th July

2012-07-
24
12:48:02

is likely to continue hot (up to 29 degrees Celsius), dry and bright in the Midlands, South and South east, from Tuesday to Friday. Cooler temperatures, cloud and some rain showers can be expected in Wales, Northern Ireland, Scotland and Northern England. Breezy conditions are forecast for early in the week, and this will help to disperse and local emissions quickly, helping to prevent the build-up of pollution at roadsides. The longer term weather forecast is uncertain but it is likely to be unsettled, with warm, mainly dry weather in the south and cooler, wetter weather in the north from next weekend.

Air pollution outlook until Saturday 28th July

Air mass back trajectories indicate that for the majority of the British Isles clean air will be coming from the North Atlantic. However, air arriving over south east England and London will be coming from continental Europe. The CMAQ model is forecasting Low pollution levels for PM10, PM2.5, NO2 and SO2, but Moderate (index 4-5) ozone for much of southern England Tuesday to Thursday, because of the warm and sunny weather which favours the formation of secondary ozone in the atmosphere.

The Olympic torch will be travelling within London during the rest of the week, arriving at the Olympic Park on Friday. There may be Moderate ozone levels in these areas during this period, but other pollutants are expected to remain low.

Best regards,

[REDACTED]

AEA Duty Forecaster

Dear All,

Headline forecast: HIGH (index 7) levels of Ozone at some sites across SE England & London. Moderate (index 4-6) ozone will be widespread across south England, including London. Levels may reach just High (index 7) at some AURN sites. Moderate air pollution will Low air pollution for other pollutants and the rest of the UK.

Current Situation

Air pollution levels are currently low (index 1-3) at most sites in the UK Automatic Urban and Rural Network, for PM10, PM2.5, SO2, NO2 and O3. Moderate (index 4-5) O3 levels are measured at 3 background sites (Lullington Heath, Sibton and Weybourne). A review of other monitoring networks show the following: a) London Air Quality Network shows moderate index 4 for NO2 at some roadside locations. And b) Kent and Medway sites show low air pollution levels.

Weather summary for the next few days

The weather will continue hot for the rest of the day (up to 30 degrees Celsius), dry and bright in England & Wales until Friday. Cooler temperatures, cloud and some rain showers can be expected in Northern Ireland, Scotland and some parts of Northern England. The longer term weather forecast is uncertain but it is likely to be

High Air Pollution
Forecast: Wednesday
25th July to
Thursday 26th July -
rest of the week
moderate

2012-07-
25
12:57:51

unsettled, with warm, mainly dry weather in the south and cooler, wetter weather in the north from next weekend.

Air pollution outlook until Sunday 29th July

Air mass back trajectories indicate that for the majority of the British Isles clean air will be coming from the North Atlantic. However, air arriving over south east England and London will be coming from continental Europe. The CMAQ model is forecasting Low pollution levels for PM10, PM2.5, NO2 and SO2, but widespread Moderate (index 5-6) ozone for much of southern England for the rest of day and Thursday, because of the warm and sunny weather which favours the formation of secondary ozone in the atmosphere.

The Olympic torch will be travelling within London during the rest of the week, arriving at the Olympic Park on Friday. There may be Moderate to High ozone levels in these areas during this period, but other pollutants are expected to remain low.

Best regards,

AEA Duty Forecaster

Dear All,

Headline forecast: HIGH (index 7) levels of Ozone at some sites across SE England & London this evening. MODERATE levels for the rest of Friday. Moderate (index 4-6) ozone will be widespread across south England, including London. Air pollution for other pollutants will be LOW. Air pollution will be LOW for the rest of the UK.

Current Situation

Air pollution levels are currently low (index 1-3) at most sites in the UK Automatic Urban and Rural Network, for PM10, PM2.5, SO2, NO2 and O3. Moderate (index 4-5) O3 levels are measured at 2 background sites (Lullington Heath and Brighton Preston Park). A review of other monitoring networks show the following: a) London Air Quality Network shows moderate index 4 for NO2 at some roadside locations. And b) Kent and Medway sites show low air pollution levels.

Weather summary for the next few days

The weather will continue hot for the rest of today (up to 27 degrees Celsius), dry and bright for most England & Wales until tomorrow. Cooler temperatures, cloud and some rain showers can be expected in Northern Ireland, Scotland and some parts of Northern England. The longer term forecast shows unsettled weather from Friday evening across British Isles.

Air pollution outlook until Sunday 29th July

Air mass back trajectories indicate that for the majority of the British Isles clean air will be coming from the North Atlantic. However, air arriving over south east England and London will continue coming from continental Europe until tomorrow. The CMAQ model is forecasting Low pollution levels for PM10, PM2.5,

High-Air Pollution
 Forecast: Wednesday
 25th July to
 Thursday 26th July -
 rest of the week
 moderate t

2012-07-
 26
 12:48:29

NO2 and SO2, but widespread Moderate (index 5-6) ozone for much of southern England for the rest of day, because of the warm and sunny weather which favours the formation of secondary ozone in the atmosphere. From Saturday onwards, air masses arriving over the UK will be clean from the North Atlantic. The Olympic torch will be travelling within London during the rest of the week, arriving at the Olympic Park tomorrow. There may be Moderate to High ozone levels in these areas during today, but other pollutants are expected to remain low. Forecast during the Olympic Games opening ceremony Air pollution will be low for most pollutants including PM10, PM2.5, NO2 and SO2. Air pollution might just be MODERATE (index 4 and 5) due to Ozone becoming LOW. Best regards, AEA Duty Forecaster

Dear All, Headline forecast: HIGH (index 7) levels of Ozone at some sites across SE England & London this evening. MODERATE levels for the rest of Friday. Moderate (index 4-6) ozone will be widespread across south England, including London. Air pollution for other pollutants will be LOW. Air pollution will be LOW for the rest of the UK. Current Situation Air pollution levels are currently low (index 1-3) at most sites in the UK Automatic Urban and Rural Network, for PM10, PM2.5, SO2, NO2 and O3. Moderate (index 4-5) O3 levels are measured at 2 background sites (Lullington Heath and Brighton Preston Park). A review of other monitoring networks show the following: a) London Air Quality Network shows moderate index 4 for NO2 at some roadside locations. And b) Kent and Medway sites show low air pollution levels. Weather summary for the next few days The weather will continue hot for the rest of today (up to 27 degrees Celsius), dry and bright for most England & Wales until tomorrow. Cooler temperatures, cloud and some rain showers can be expected in Northern Ireland, Scotland and some parts of Northern England. The longer term forecast shows unsettled weather from Friday evening across British Isles. Air pollution outlook until Sunday 29th July Air mass back trajectories indicate that for the majority of the British Isles clean air will be coming from the North Atlantic. However, air arriving over south east England and London will continue coming from continental Europe until tomorrow. The CMAQ model is forecasting Low pollution levels for PM10, PM2.5, NO2 and SO2, but widespread Moderate (index 5-6) ozone for much of southern England for the rest of day, because of

High Air Pollution
Forecast: Thursday
26th July & rest of
the week moderate t

2012-07-
26
12:49:15

the warm and sunny weather which favours the formation of secondary ozone in the atmosphere. From Saturday onwards, air masses arriving over the UK will be clean from the North Atlantic.

The Olympic torch will be travelling within London during the rest of the week, arriving at the Olympic Park tomorrow. There may be Moderate to High ozone levels in these areas during today, but other pollutants are expected to remain low.

Forecast during the Olympic Games opening ceremony Air pollution will be low for most pollutants including PM10, PM2.5, NO2 and SO2. Air pollution might just be MODERATE (index 4 and 5) due to Ozone becoming LOW.

Best regards,

AEA Duty Forecaster

Dear All,

Headline forecast: MODERATE to LOW levels of air pollution across England. LOW elsewhere in the UK.

Moderate (index 4-5) ozone could be measured at some AURN sites across the South East and South West. This is likely to be quite localised. Air pollution in London will remain LOW with some possible Moderates at roadsides due to NO2 and PM10. Air pollution for other pollutants will be LOW. Air pollution will be LOW for the rest of the UK.

Current Situation Air pollution levels are currently low (index 1-3) at ALL sites in the UK Automatic Urban and Rural Network, for PM10, PM2.5, SO2, NO2 and O3. A review of other monitoring networks show the following: a) London Air Quality Network shows high (index 7) for NO2 at Putney High Street and moderate index 4 for NO2 and PM10 at some roadside locations. And b) Kent and Medway sites show low air pollution levels.

Weather summary for the next few days The UK is experiencing a change in the weather resulting in much lower temperatures with breezy conditions. Maximum temperatures in England will be at maximum 23. From Saturday onwards the unsettled weather will dominate across the UK.

Air pollution outlook until Monday 30th July Air mass back trajectories indicate that clean air coming from the North Atlantic will be arriving of the UK without any Continental influence.

The CMAQ model is forecasting Low pollution levels for PM10, PM2.5, NO2 and SO2, with some Moderate (index 4-5) ozone levels at some parts of the South East and South West.

Forecast during the Olympic Games opening ceremony Air pollution will be low for all pollutants at the Olympic Park during the opening ceremony.

Best regards,

AEA Duty

Moderat to Low Air
Pollution Forecast:
Friday 27th to
Monday 30th July

2012-07-
27
13:03:09

Forecaster

Dear All,
Headline forecast for next 24h: **LOW** levels of air pollution across the UK.
Current Situation
Air pollution levels are currently low (index 1-3) at ALL sites in the UK Automatic Urban and Rural Network, for PM10, PM2.5, SO2, NO2 and O3. A review of other monitoring networks show the following: a) London Air Quality Network shows LOW air pollution at all locations and b) Kent and Medway sites show low air pollution levels.
Weather summary for the next few days
The UK is experiencing unsettled weather with maximum temperatures varying between 12 to 21 degrees Celsius. It should be largely fine and dry across southern and eastern England with showers (occasionally heavy) over the north and west. The weather will be staying unsettled for the next few days.
Air pollution outlook until Tuesday 31st July
Air mass back trajectories indicate that clean air coming from the North Atlantic will be arriving over the UK without any Continental influence. Breezy conditions will quickly disperse any local pollution. The CMAQ model is forecasting Low pollution levels for PM10, PM2.5, NO2, O3 and SO2 across the UK.
Forecast across all Olympic venues
Air pollution will be low for all pollutants across all Olympic venues for at least the next 2 days.
Best regards,
AEA Duty Forecaster

Low Air Pollution
Forecast: Saturday
28th to Tuesday 31st
July

2012-07-
28
11:55:21

Low Air Pollution
Forecast: Sunday
29th July to
Wednesday 1st
August

Dear All,
Headline forecast for next 24h: **LOW** levels of air pollution across the UK.
Current Situation
Air pollution levels are currently low (index 1-3) at ALL sites in the UK Automatic Urban and Rural Network, for PM10, PM2.5, SO2, NO2 and O3. A review of other monitoring networks show the following: a) London Air Quality Network shows LOW air pollution at all locations and b) Kent and Medway sites show low air pollution levels.
Weather summary for the next few days
The UK is experiencing unsettled weather with maximum temperatures varying between 12 to 21 degrees Celsius. It should be largely fine and dry across southern and eastern England with showers (occasionally heavy) over the north and west. The weather will be staying unsettled for the next few days.
Air pollution outlook until Wednesday 1st August
Air mass back

2012-07-
29
13:09:46

trajectories indicate that clean air coming from the North Atlantic will be arriving over the UK without any Continental influence until Tuesday. Breezy conditions will quickly disperse any local pollution. The CMAQ model is forecasting Low pollution levels for PM10, PM2.5, NO2, O3 and SO2 across the UK.

Forecast across all Olympic venues

Air pollution will be low for all pollutants across all Olympic venues for at least the next 2 days.

Best regards,

[REDACTED]

AEA Duty Forecaster



