

How Local Authorities Can Use Air Quality Forecasting

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Introduction

The Sussex Air Quality Steering Group

Aims

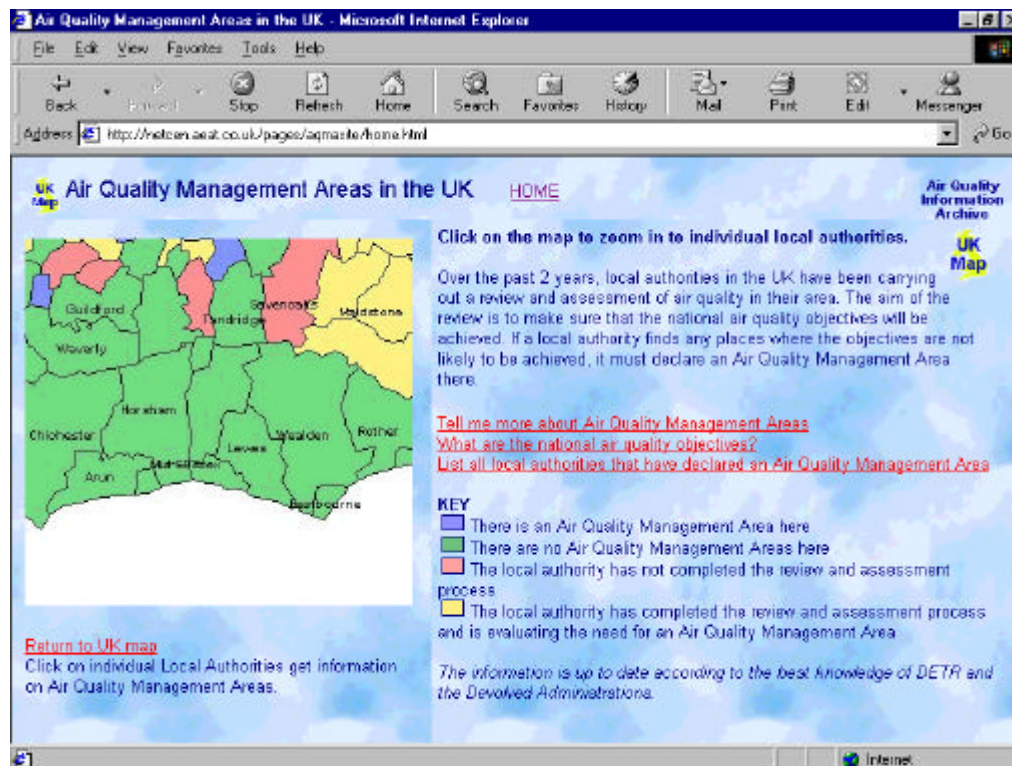
- To improve air quality in Sussex by supporting local authorities, to assist in implementing the National Air Quality Strategy and to encourage and facilitate an Air Quality Strategy for Sussex.
Through;
- Collaborative and co-ordinated effort amongst all organisations active in improving air quality in Sussex.
- Collecting, interpreting and disseminating information relevant to understanding and managing air quality in Sussex.

Members

- District / Unitary authorities (12)
- County Councils (2)
- The Environment Agency
- Health Authorities (2)
- Universities (2)



Air Quality Management Areas

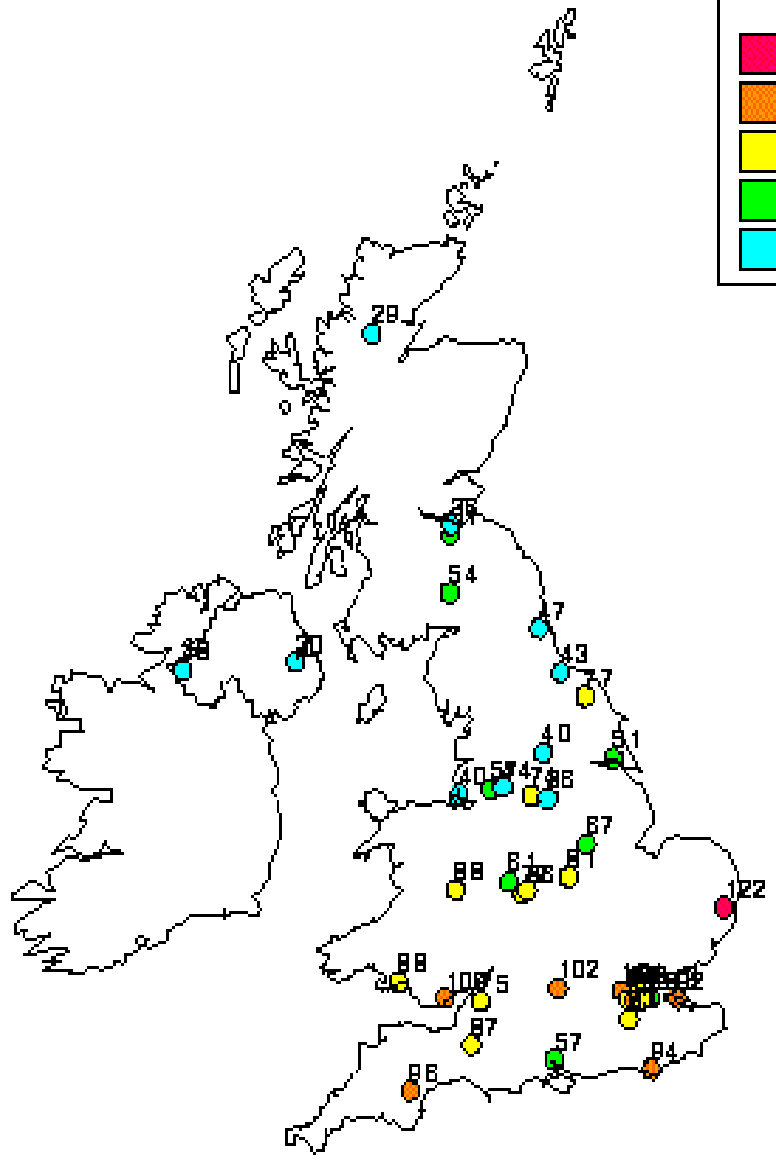


- No Air Quality Management Areas have been declared in Sussex
- A number of areas very close to exceeding the objectives in Sussex
- Local authority review and assessment exercise to be repeated before the end of 2003
- Need to ensure that those areas which are close do not become exceedence areas

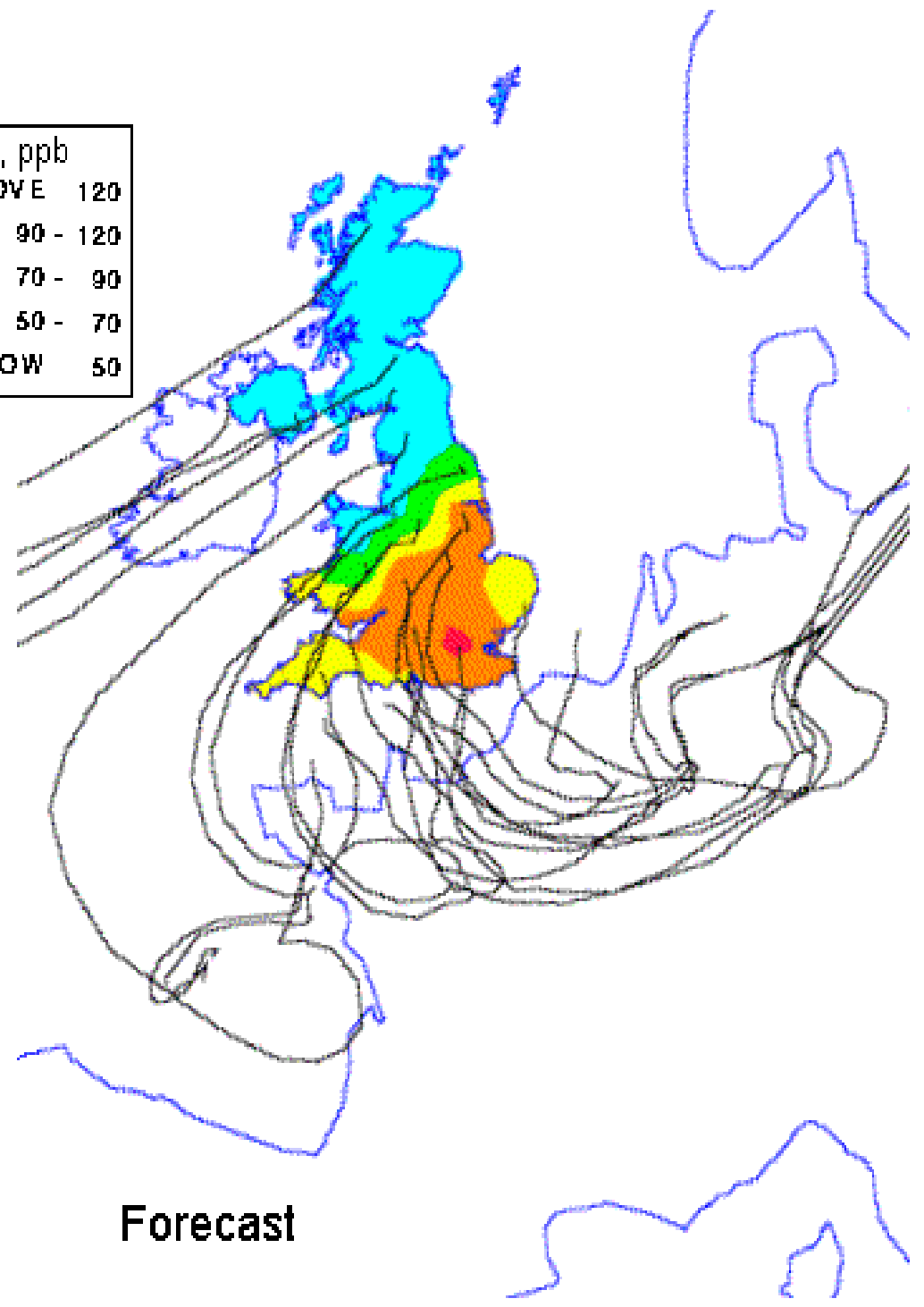


Ozone concentration 06/06/96

concn, ppb	
Red	ABOVE 120
Orange	90 - 120
Yellow	70 - 90
Green	50 - 70
Cyan	BELOW 50

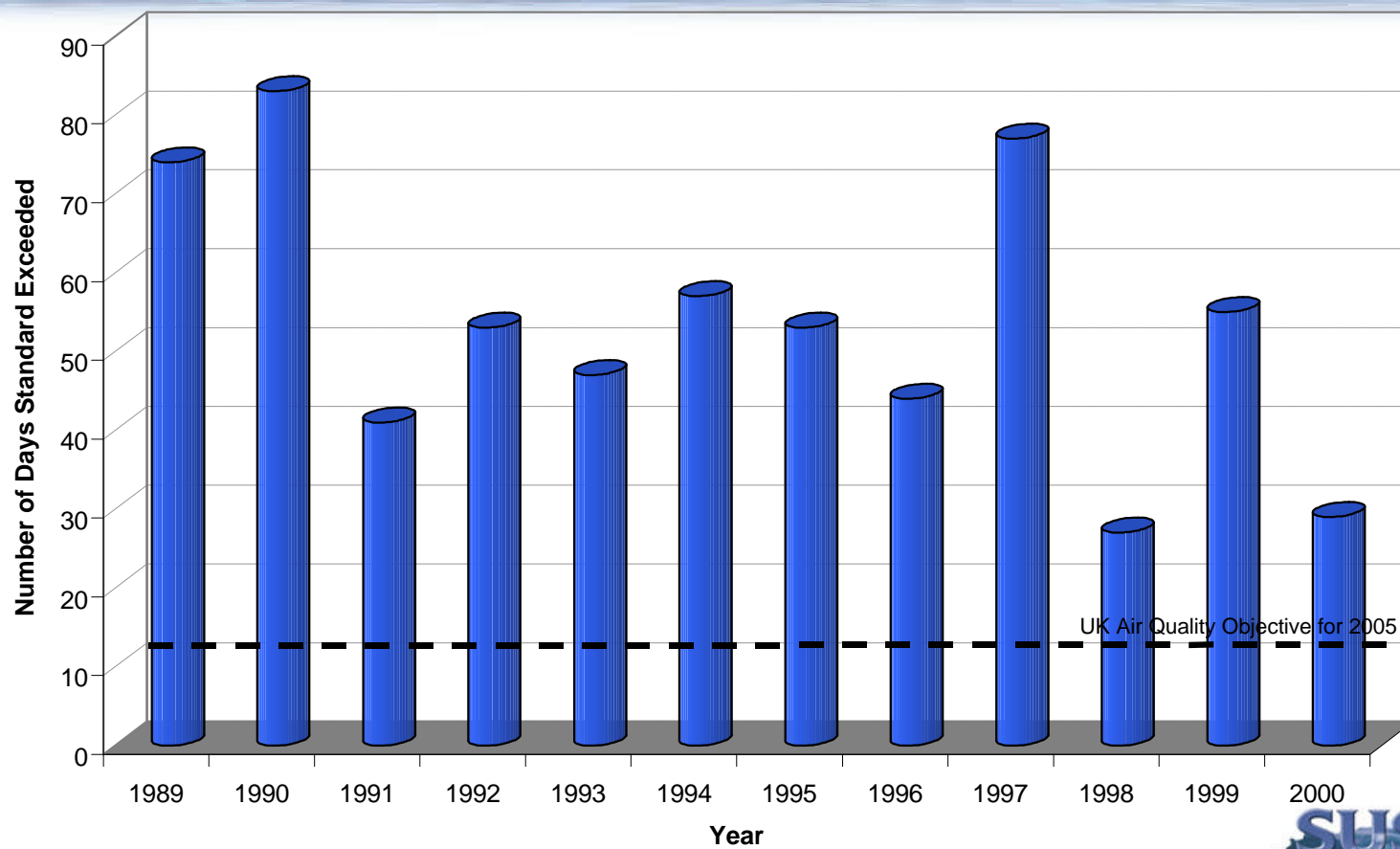


Measured



Forecast

Ozone at Lullington Heath





The Current System



Home
What's New
Air Quality and Health
Local Air Quality
Pollution Monitoring
Pollution Modelling
Emissions Inventory
Other Air Quality Sites



[Air Pollution forecasts for Sussex](#)
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[EC Air Quality Project](#)

Sussex Air Quality Steering Group

Welcome to the Home page of the Sussex Air Quality Steering Group. These pages are designed to inform you about the work of the Group and about Air Quality in Sussex

Over time links to other air quality sites, and to measured air pollution levels and forecasts will appear. Check back for updates.

Group History

The Sussex Air Quality Steering group was formed in 1995 as a response both to Central Government, who had produced a document "Air Quality: Meeting the Challenge", and to more local work looking at air quality in Sussex.

The group is made up of representatives from City, Borough and District Councils in East and West Sussex, East and West Sussex County Councils, East Sussex Brighton and Hove and West Sussex Health Authorities, the Environment Agency, the University of Sussex and the University of Brighton. A list of Group members with links to their websites can be seen [here](#).

Aims & Objectives

The Group has a number of aims, but these include:

- To support all participating local authorities with their duties under Environment Act 1995 and implementation of the United Kingdom Air Quality Strategy

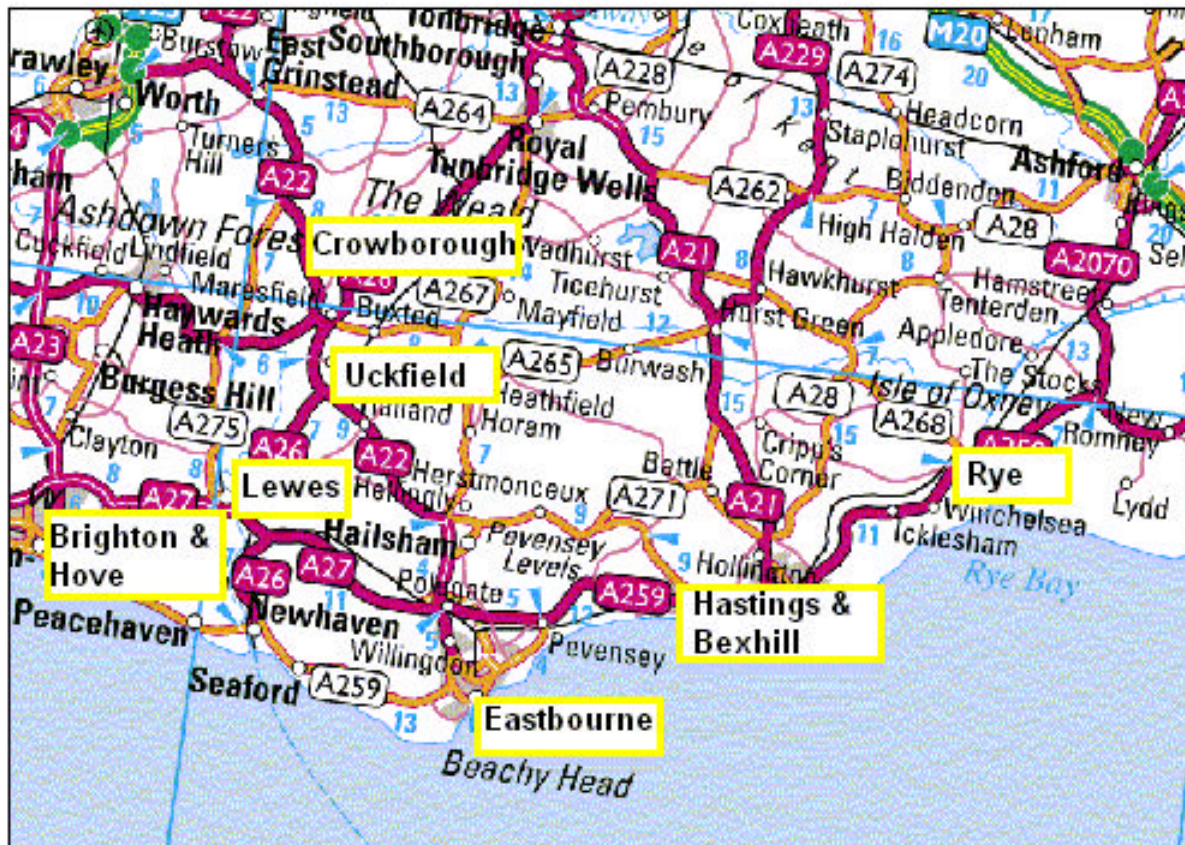
These aims are to be supported through:

East Sussex Air Quality Forecast



Choose from the location list or click on the map below for the forecast of air quality in your area.

Brighton_and_Hove



Air Pollution Forecast

Forecast for Eastbourne				
Period	Particulates	Nitrogen Dioxide	Sulphur Dioxide	Ozone
Morning	Low	Low	Low	Low
Afternoon	Low	Low	Low	Low
Overnight	Low	Low	Low	Low
Tomorrow	Low	Low	Low	Low

Pollution Bands

For ways to improve Air Quality where you live....

- [Public Transport Information](#)
- [Sussex Air Quality Steering Group](#)

....or places to visit when air quality is good.

Click on the map below for the





Responding to Public Perception

“It hasn’t done me any harm”
(Hove, no health problems)

“If you spend a day in London,
pick your nose, your bogies
are black”
(Hove, no health problems)

“air pollution is a killer”
(Hove Group, no
health problems)

“The unseen menace”
(Hove, no health problems)

“If you go to London & come
down on the train,
walk out into the fresh air
it’s like a drink of clear water
(Hove, health problems)

“I can’t take a deep breath
because it cripples me.”
(Hove group, health problems)

How Is Air Quality Judged?

“The air looks dirty”
(Fiveways, health problems)

- Most people detect air quality is poor by the effect it has on their health
- The smell, taste, feel and appearance of the air are also significant indicators

“The only time I notice it is when I’m stuck in a queue and it’s a hot day and it stinks - that’s the reason why we really ever think about it because it’s in your face”
(Hove, no health problems)

“On a hot day you can see it anyway, you get a band across the air just above the town
(Fiveways, health problems)

“You can smell it, you can feel it, you can taste it”
(Fiveways, health problems)



Communicating Information

"If you're asthmatic, then you'd want to know, but if it doesn't affect me, I don't care"
(Hove, no health problems)

"I have no idea what a relevant measure is - how many parts per million of CO2 is dangerous"
(Hove, no health problems)

"I think you should know as much as possible, or have the opportunity to find out as much as possible"
(Hove, no health problems)

"They tell you in the evening. By then you've been out in it all day"
(Lewes Road, no health problems)

"We want to know what it means - If it's high pollution, does it mean you shouldn't take babies out? That old ladies shouldn't go for their pensions? High and low are meaningless because we don't know the scale they're measuring on"
(Lewes Road, no health problems)

"High and low it's meaningless...it feels like lip service ..I don't know what they're saying, I don't know what the stuff is anyway and it's annoying rather than interesting"
Lewes Road, no health problems)

"It's boring, so I don't think you pay a lot of attention"
(Lewes Road, no health problems)



Ideas for the Future

This service offers high quality forecast on the most important aero-allergens in the Mediterranean area and derived information on envi-contamination Risk Index (RI) over 4 regions in Europe

[Get a personalized Service](#)

Access for Registered Users

Login

Password

ENTER

Forgot your password ? Please send us a request through [Email](#)

Register and enter your own profile

HELP

REGISTER

Last update on Sunday
28 October 2001 at
23h00

This site is optimized for IE 4+

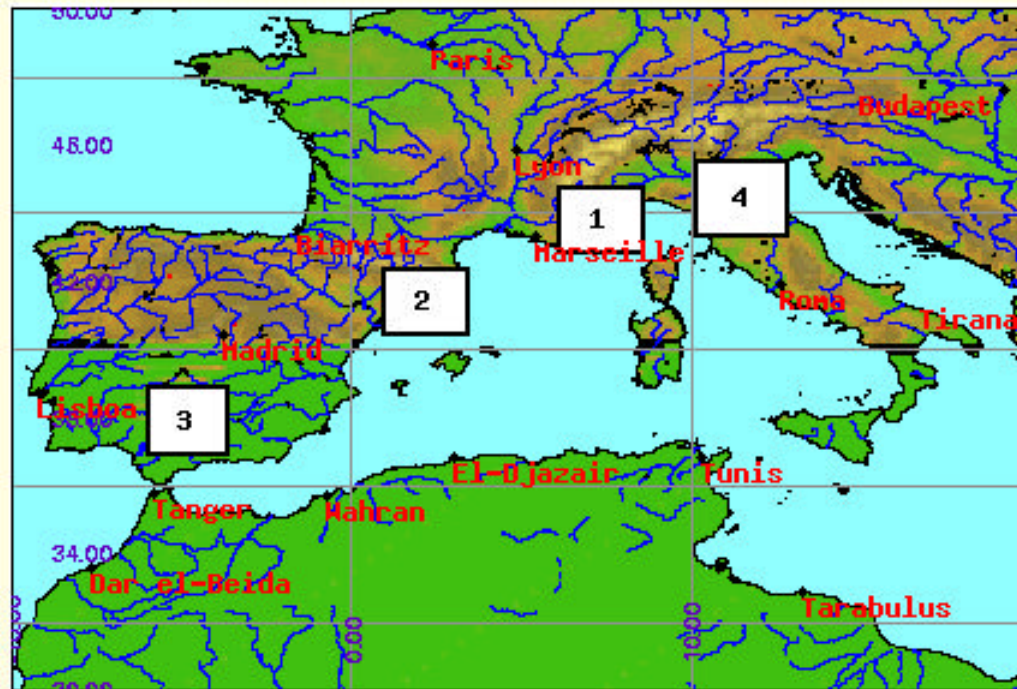
Select your Region

1 : nice (Côte d'Azur)

Select your Product [HELP](#)

RI for Asthma

OK



Keywords definition

[About the four pollen types](#)

- [Cypress](#)
- [Olive](#)
- [Wall-Pellito](#)
- [Grasse](#)

[About environment factors](#)

[About health](#)

[About the ASTHMA server](#)

[About the pollen recognition system](#)

AIR-QUALITY.NET

Chichester District Council - Chichester

UK

England

Ireland

Scotland

Wales

Contact Us

Air Quality:



Good



Site Info

Site Map

Historic Data

Previous

Last Update	Wind Direction		Wind Speed		NOx	NO	NO2
13 September 2001 06:15	232 °		1.5 m/s		114.7 ppb	88.6 ppb	26 ppb
	PM10	Filter	Pressure	Temperature	Relative Humidity		Rack Temperature
	35.8 µg/m ³	58 %	994 mb	6 °C	84 %		25 °C

Railway Crossing Work

- West Sussex County Council has been experimenting with 'Cut Engine - Cut Pollution' signs at the two railway crossings close to Chichester Station, and a control site (data collected but no signs erected)
- Traffic, crossing gate, numbers of vehicles with engines turned off, and pollution information were all measured over several months before and after the signs were erected
- The study, undertaken between March and November 1998 found that 7.6% of car drivers turned engines off before the signs were erected: 17% did so 6 months after the signs were erected.
- CO pollution levels fell by up to 17% and NO₂ levels by about 15% during the a.m. peak hour at one crossing.

