

Control Room View

Main Menu

Hide / Open Alert Summary

Hide / Open Site List & Alert Summary

Toggle Alert Icon / Alert Timeline views

Auto Scroll the site list

Current time

Layer Name and Time Step

•Zoom in
•Zoom out
•Zoom Reset

- Notices
- MyServices
- Logout
- User Admin

The screenshot shows the Met Office VisualEyes2 interface. At the top, there's a header with the Met Office logo, 'VisualEyes2', and the current time '16:30'. On the right, there are icons for 'Notices' and 'mo_home'. Below the header, there's a 'Sites' section with a list of sites and their current weather status. To the right of the site list is a 'Layer Menu' with various weather layers like 'Precipitation rate', 'Rain and snow', 'Temperature', etc. The main part of the interface is a weather map of the UK and surrounding areas, showing precipitation and other weather data. At the bottom, there's a 'Timeline Slider' with a play button and other controls. A legend for 'Rain & Snow' is visible on the right side of the map.

Site List
Single click on site to zoom and centre map
Double click site to open the chart view

Alert Summary
Lightning Status Column

Layer Menu

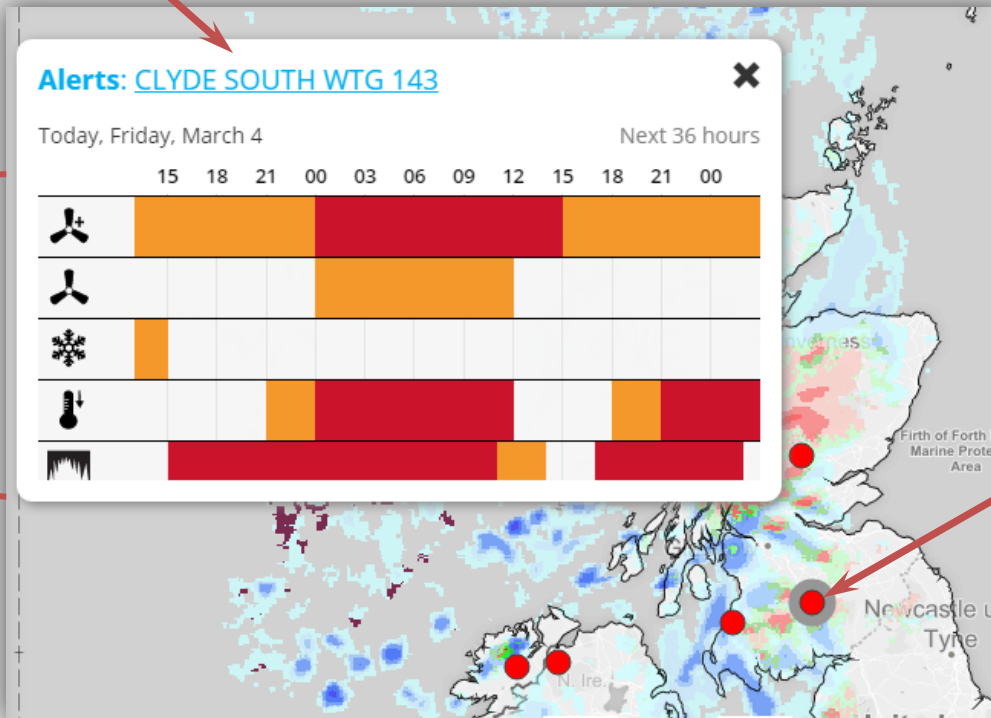
Timeline Slider

Animation Control

Show / Hide Legend

Alert Summary Pop-up

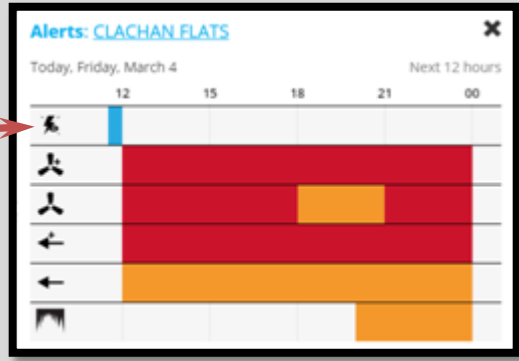
Site name is a clickable link to the chart view



Timelines for weather parameters with forecast threshold breach

Click on site to highlight and open the alert summary pop-up

The timelines start at T=0 and display the whole alert period with the exception of observed lightning which shows the last 30 minutes only



Charts View

Export to a PDF
Note that this can be time consuming to generate, so consider opening charts in a different tab

Note that the chart area can be scrolled by clicking and dragging with a mouse, or by dragging on a touch screen

Time steps:

Hub Height

18 70%

15 30%

m/s

Hub Height

18 70%

15 30%

m/s

Lightning

Search for a site

Show / Hide Site List

Select Chart Duration

Smart Windows Control

Toggle controls for changing chart order

Threshold Values

Site List, click site to show site specific charts

Click on triangle to collapse / expand chart

Amber and Red bars and shading indicate threshold breaches

Dotted line indicated the limit of alert analysis



Smart Windows

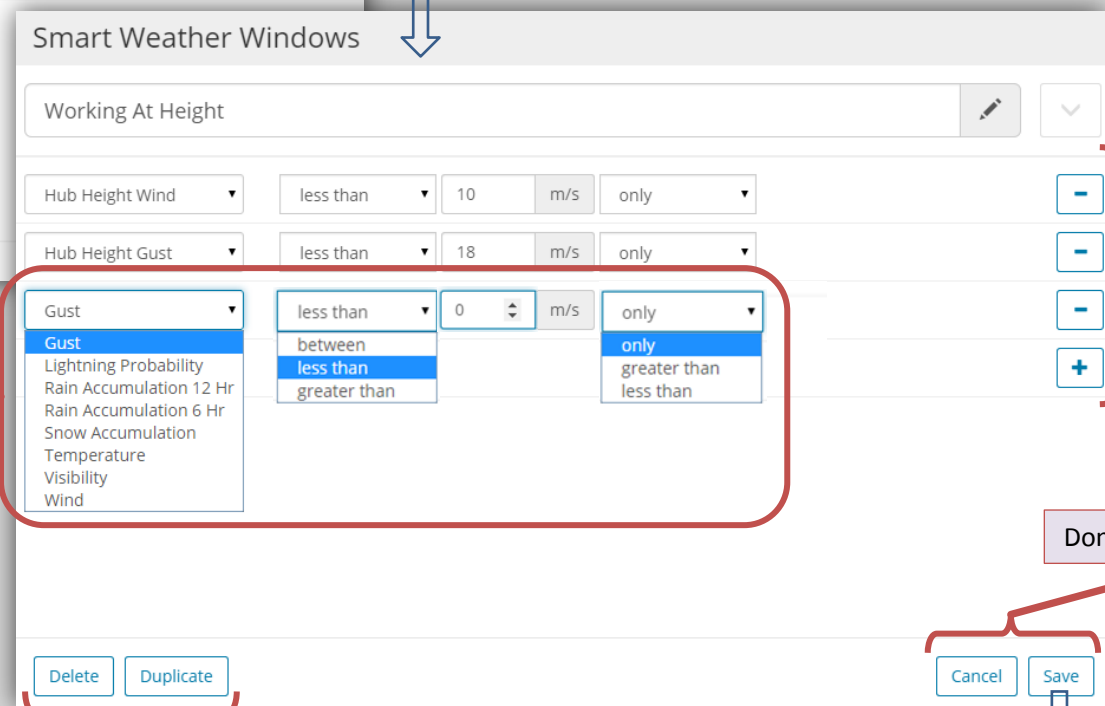
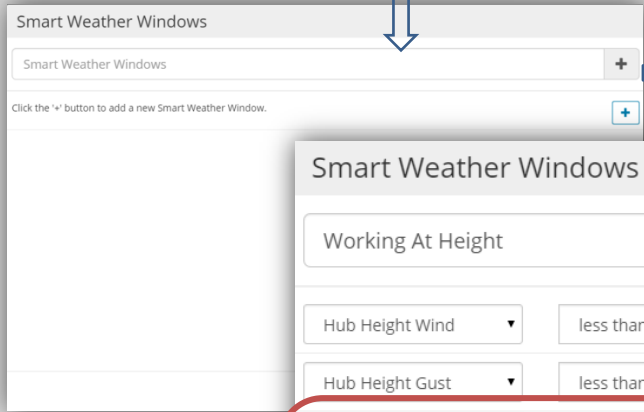


Drop down menu will list all smart windows defined within the organisation

Edit an existing Smart Window: note that any editor can edit any Smart Window*

Create a new Smart Window

Add and remove additional filters as required



Parameter are selected and defined via drop down lists, arrow selectors, and free text entry

Don't forget to save!

To save time, existing Smart Windows can be easily duplicated and deleted

Once saved, the Smart Window is immediately available



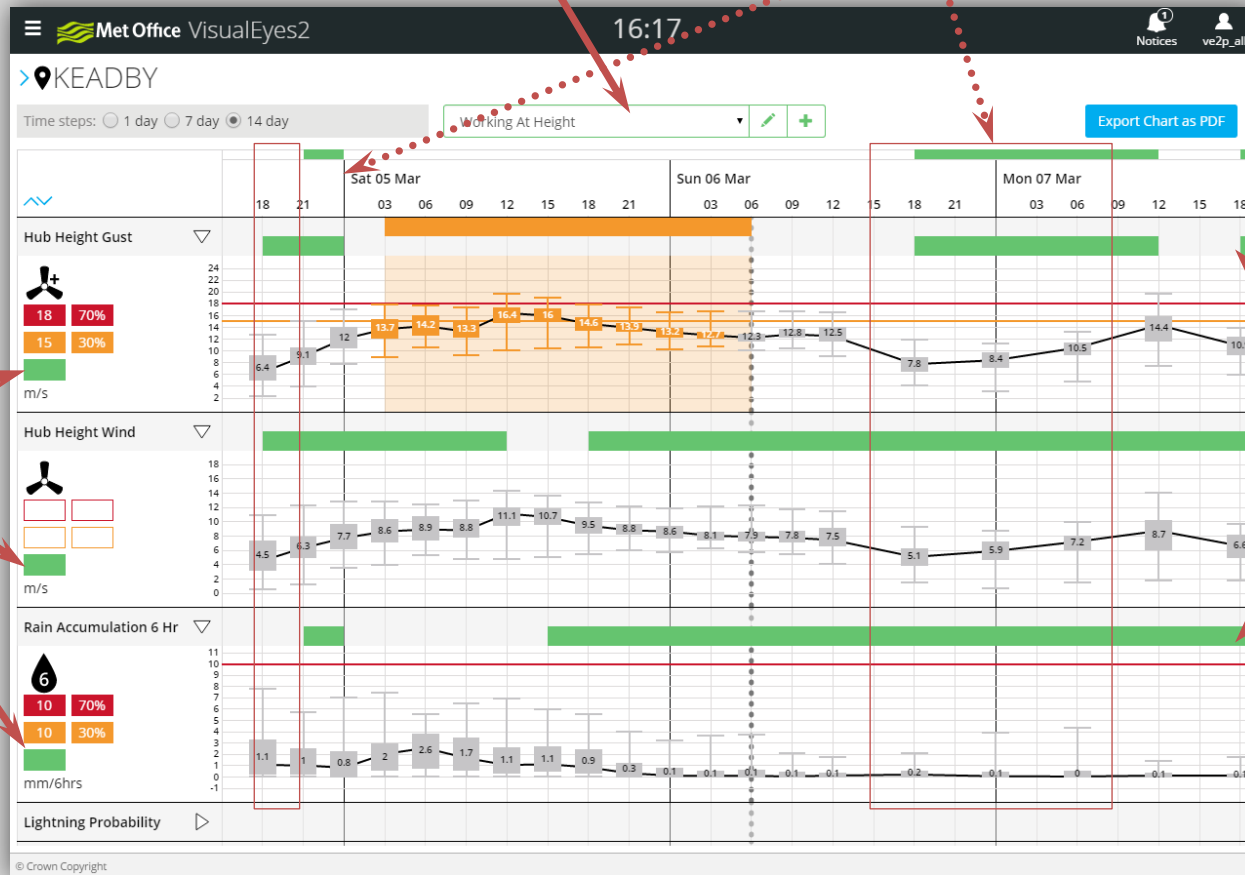
*Agreed Naming Conventions may help, and some organisations may restrict access to the edit function.

Smart Windows



Add and remove additional filters as required

The green bar above the chart indicates where all parameters defined for the Smart Window are within tolerance



Green indicators highlight parameters that have periods within tolerance.

Where a parameter is out of tolerance, then the box is unfilled.

If a parameter is not included in the Smart Window, then there is no box.

A green bar on each chart indicates when the parameter is within tolerance

Threshold Settings

Note that :

- Only the parameters changed are saved;
- Value and probability are paired values, if one is changed then the other is updated, even if it is unchanged.

Select / deselect all sites

Start typing a name to search

Add and remove additional filters as required

Add and remove additional filters as required

Met Office VisualEyes2 17:06

Sites

All site search...

Ireland

- BINDOO
- MEENTYCAT WTG 13
- RATHCAHILL
- SLIEVE KIRK

Region 1

- KEADBY
- LOCH GLASCARNOCH

Region 2

Scotland

- CLYDE SOUTH WTG 143

Thresholds

Lightning Type

- Observed Lightning
- Forecast Lightning

Radius: 50km

Weather Type

- Hub Height Gust
- Hub Height Wind
- Gust
- Wind
- Rain Accumulation 6 Hr

Red Alert Settings

Value	Probability	Value	Probability
5 m/s	71	5 m/s	30
5 m/s	70	5 m/s	30
5 m/s	70	5 m/s	30
5 m/s	70	5 m/s	30
5mm	70	5mm	30

Revert Save

Select / deselect sites individually, by region, or select all sites

Forecast lightning uses the Nowcast and the probabilistic forecast with a default probability of 10%

Values for Red and Amber thresholds can be selected from drop down boxes

Changes can be saved or rejected

Regions Administration

To add a site to the selected region, click on the check box. If it is associated with another region, then it will be moved.

Once a region is selected, all associated sites are highlighted and can be removed by deselecting the check box

Each site can be associated with a single region. Once an association is made, then the region is annotated.

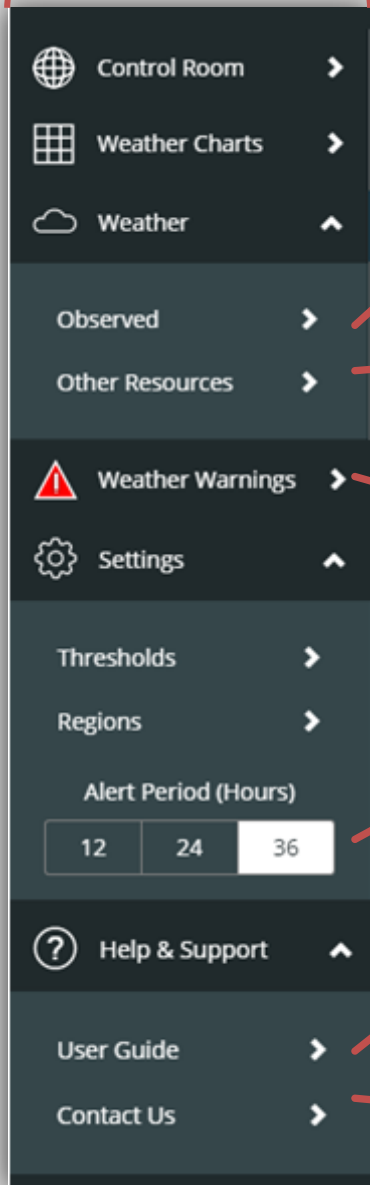
The screenshot displays the Met Office VisualEyes2 interface. The top navigation bar includes the Met Office logo, the text 'VisualEyes2', the time '17:17', and user information 'Notices' and 've2p_all'. The main content area is divided into two panels: 'Regions' on the left and 'Sites' on the right. The 'Regions' panel shows a list of regions: 'All' (10), 'Ireland' (4), 'Region 1' (2), 'Region 2' (0), and 'Scotland' (3). The 'Ireland' region is selected and highlighted in blue. The 'Sites' panel shows a list of sites with checkboxes: 'ASCOLI MATRIANO', 'BINDCO' (checked), 'CLYDE SOUTH WTG 143', 'GRAFFIN WTG 22', 'HAYWARD HILL', 'LEADBY', 'LOCH GLASCARNOCH' (checked), 'MEENTYCAT WTG 13' (checked), 'RATHCAHILL' (checked), and 'SLIEVE KIRK' (checked). The sites associated with the selected 'Ireland' region are highlighted in blue. At the bottom of the interface, there are two rows of buttons. The first row contains 'X Delete', 'Rename', and '+ New'. The second row contains 'Revert' and 'Save'.

Click a region to select it

Regions can be added, modified, and deleted as necessary.

Save or reject changes

Main Menu



Other Features

Opens a tabular view of NCM, and SYNOP observations

Selection of links to other forecast information such as shipping and inshore waters

Opens the Met Office web site for the National Severe Weather Warnings

Set the alert time period: Only the super user / admin user has access

Access to the user guide

Opens the Met Office web site page with information on how to contact the Met Office.

The screenshot shows the 'VisualEyes2' interface. It features a search bar for sites and a table of observations. The table is divided into two sections: 'NCM Report' and 'SYNOP Observations'. The 'NCM Report' table has columns for Time, Maximum Air Temperature (°C), Minimum Air Temperature (°C), Rainfall Total, and Sunshine Amount. The 'SYNOP Observations' table has columns for Time, Wind Direction (°), Wind Speed (kn), Wind Gust (kn), Visibility (m), Temperature (°C), Dew Point (°C), Pressure (MSLhPa), Pressure Trend, Weather, Rainfall (mm), and Snow Depth (cm).

NCM Report	
Time	Maximum Air Temperature (°C) Minimum Air Temperature (°C) Rainfall Total Sunshine Amount
21:00 UTC Sunday 6 2016	5.2 2.7 0.0 N/A
09:00 UTC Monday 7 2016	N/A N/A N/A N/A

SYNOP Observations											
Time	Wind Direction (°)	Wind Speed (kn)	Wind Gust (kn)	Visibility (m)	Temperature (°C)	Dew Point (°C)	Pressure (MSLhPa)	Pressure Trend	Weather	Rainfall (mm)	Snow Depth (cm)
15:00 UTC Sunday 6 2016	290.0	14	N/A	75000.0	4.7	-0.2	1006.3	Decreasing	Gerster	N/A	N/A
16:00 UTC Sunday 6 2016	280.0	11	N/A	75000.0	5.1	0.2	1005.9	Decreasing	Gerster	N/A	N/A
17:00 UTC Sunday 6 2016	310.0	11	N/A	75000.0	4.3	-1.0	1005.9	Decreasing	Gerster	N/A	N/A
18:00 UTC Sunday 6 2016	340.0	11	N/A	75000.0	4.1	-0.6	1006.1	Decreasing	Trough	N/A	0.0
19:00 UTC Sunday 6 2016	330.0	14	N/A	65000.0	4.4	-0.4	1006.6	Increasing	Steeper	N/A	0.0
20:00 UTC Sunday 6 2016	30.0	11	N/A	75000.0	3.6	-0.8	1007.3	Increasing	Steeper	N/A	0.0
21:00 UTC	40.0	9	N/A	75000.0	2.7	-1.5	1008.1	Increasing	N/A	0.0	N/A

The 'Useful Links' section contains three links, each with a blue link icon:

- [Shipping Forecast / Gale Warnings](#)
Marine Weather: British Isles shipping forecast and gale warnings
- [Inshore Waters Forecast](#)
Marine Weather: Inshore waters and strong winds
- [Surface Pressure Synoptic Charts](#)
Surface pressure and weather fronts for Europe and the North East Atlantic

The screenshot shows the Met Office website's 'National Severe Weather Warnings - United Kingdom' page. It includes a navigation bar with 'Weather', 'Climate', 'Learning', 'Research', 'Products', 'News', 'Holiday weather', and 'Get ready for winter'. Below the navigation, there are sections for 'UK forecast', 'Severe weather warnings', 'Specialist forecasts', and 'Last 24 hours'. A prominent banner for 'Government Solar Panel Funding is Available' is visible. The main content area shows a map of the UK with a warning overlay and a timeline of weather maps from Mon 7 Mar to Fri 11 Mar.