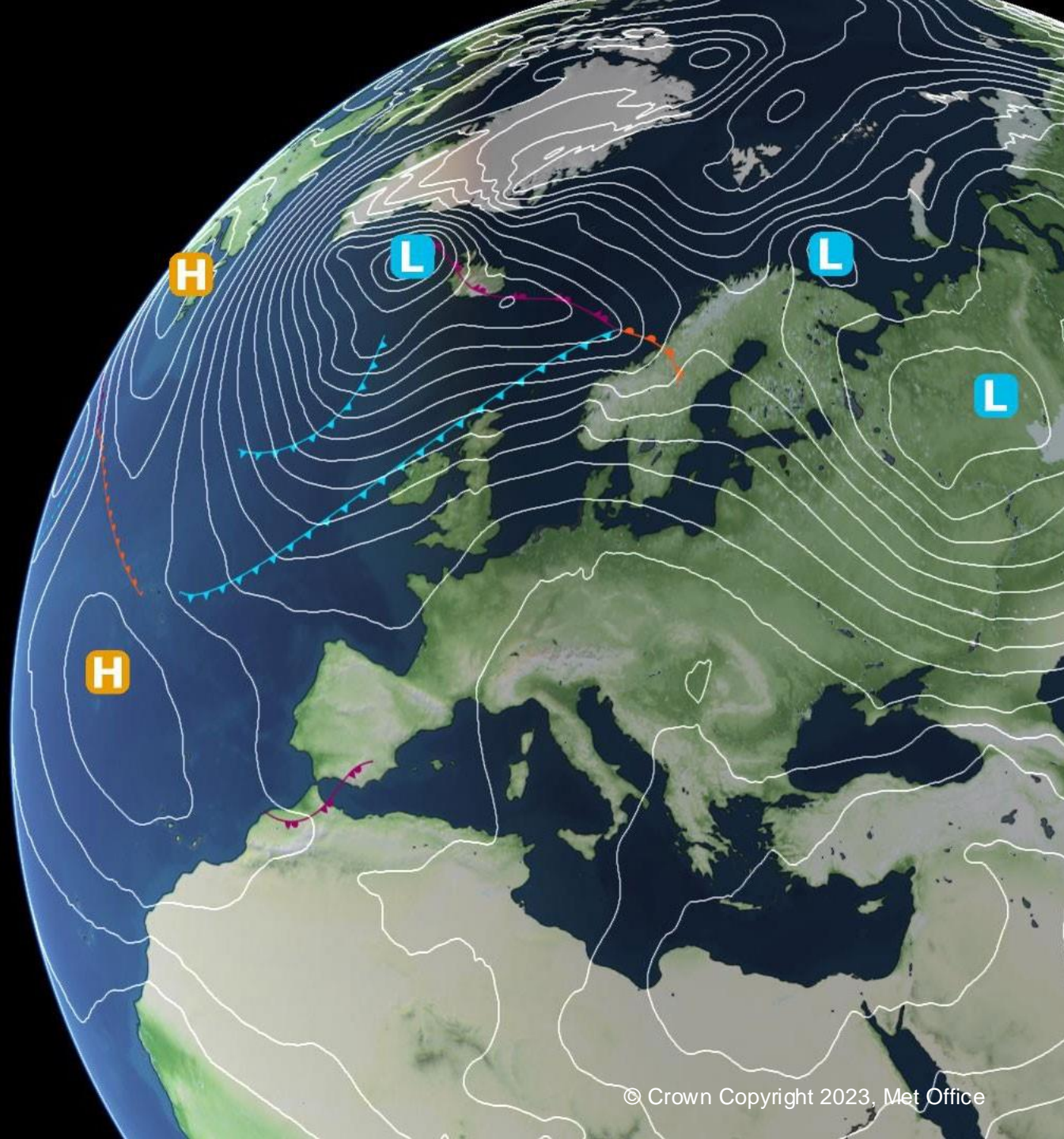


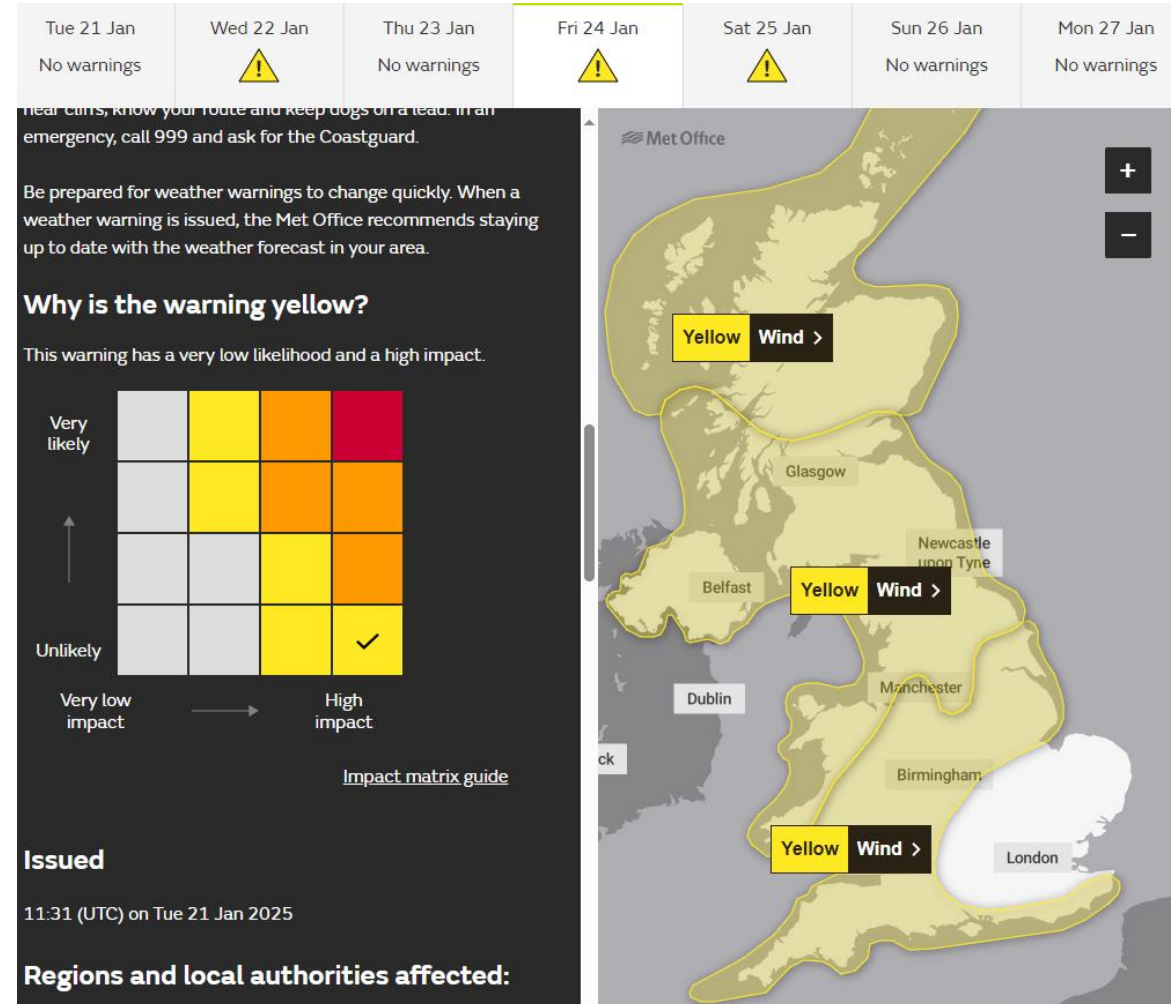
Met Office Weather Warnings

Holly Clements
Head of Warnings and Guidance
22 January 2025



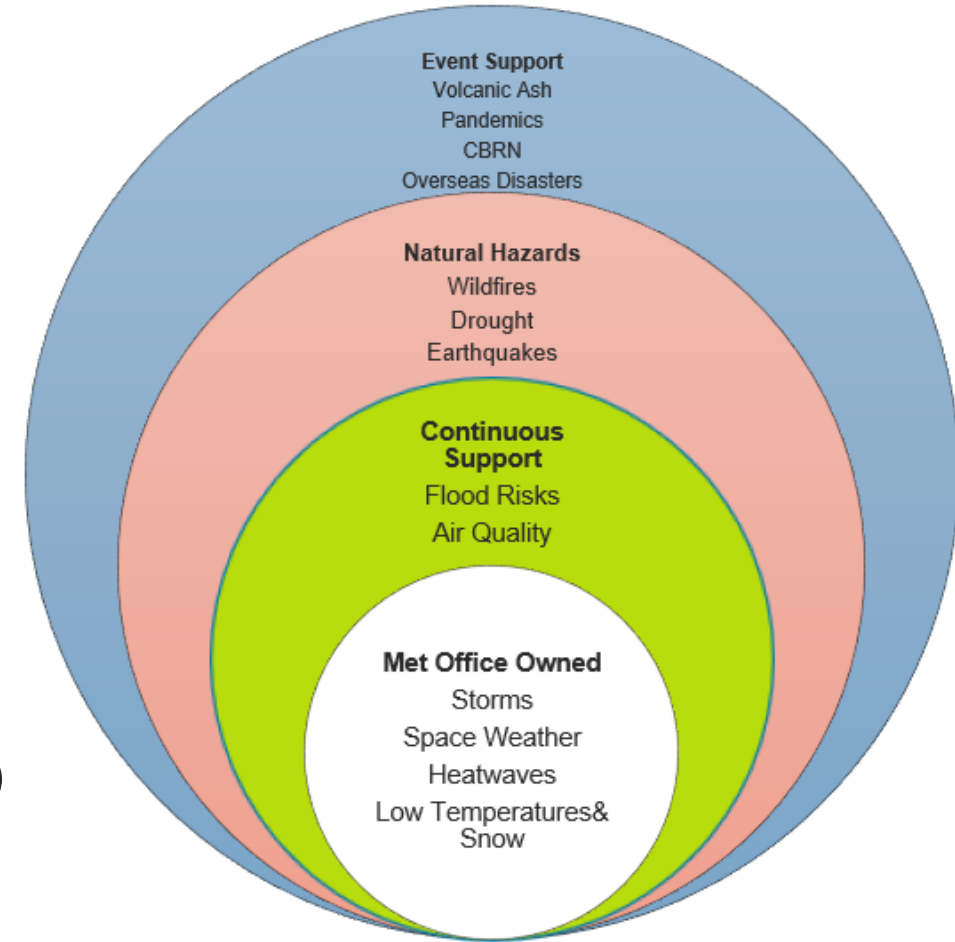
The National Severe Weather Warning Service (NSWWS)

- Impact-based since 2011, using colour coded risk matrix
- Across whole of UK, 24/7 all year round
- Seven days ahead
- 8 different types of weather
- Shared via multiple channels
- Supported by Met Office Civil Contingency Advisors across the UK
- A single service for **general public** *and* **emergency responders**



Met Office Resilience Services

- The Met Office is
 - a Category 2 Responder under the Civil Contingencies Act
 - an NSRA risk *owner* (plus critical stake in over 30 others)
 - a Lead Government Department for weather risk assessment and identification
- National Severe Weather Warning Service (NSWWS)
- Civil Contingencies Advisors - interaction with local and national resilience groups across the UK
- Hazard Centre services for natural hazards and event support
- Hazard Manager web platform (data, products and warnings)
- Climate services (eg for Local Authorities)
- Three Month Outlook for Contingency Planners



2024/25 storm names

Ashley

Bert

Conall

Darragh
(Da-ra)

Éowyn
(Ay-oh-win)

Floris

Gerben
(Ger-ben)

Hugo

Izzy

James

Kayleigh

Lewis

Mavis

Naoise
(Nee-sha)

Otje
(O-t-jh-eh)

Poppy

Rafi

Sayuri
(Sah-yoo-ree)

Tilly

Vivienne

Wren

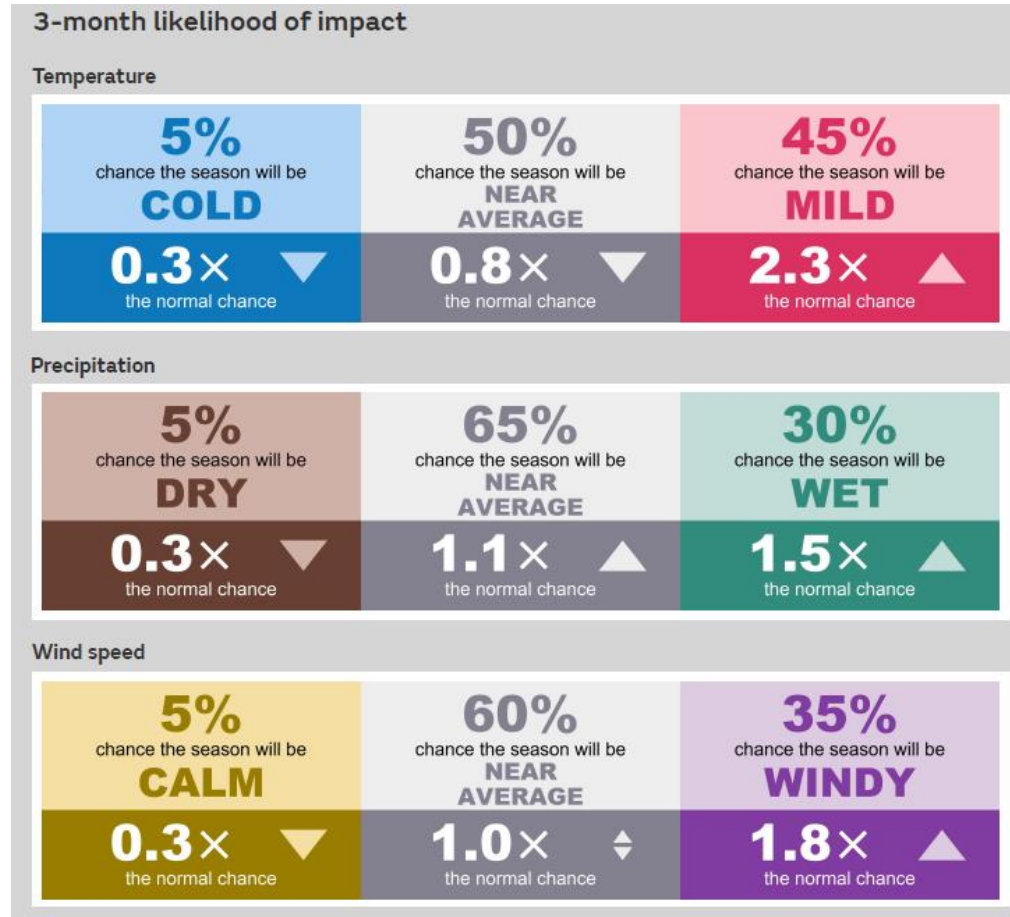
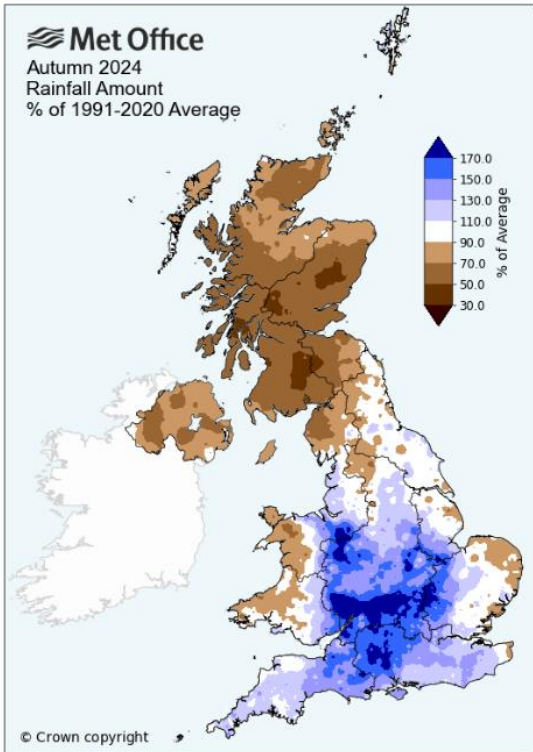
Q, U, X, Y, Z not included to be in
line with US National Hurricane
Centre naming convention



Keeping you safe when it matters the most

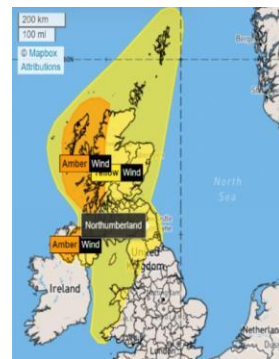
#StormNames

Seasonal Resilience Briefings – Winter 24/25

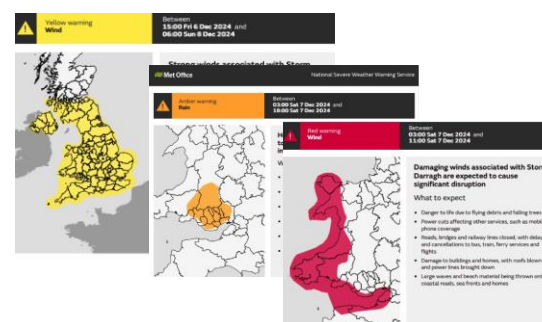


- Jan, Feb and March 3 month forecast indicated higher than average rainfall across central and southern areas in Autumn
- Increased chance of milder, wetter and windier than normal
- Seasonal forecast to 3 month range has very high variability on spatial and temporal scales

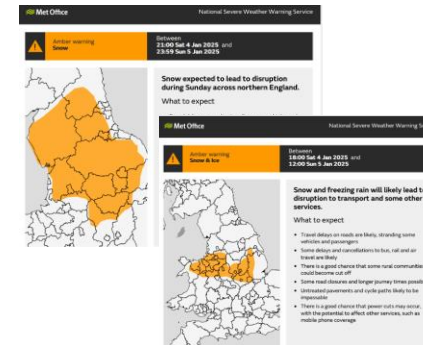
*Latest seasonal forecast for next 3 months is for continued wetter, milder and windier than average.



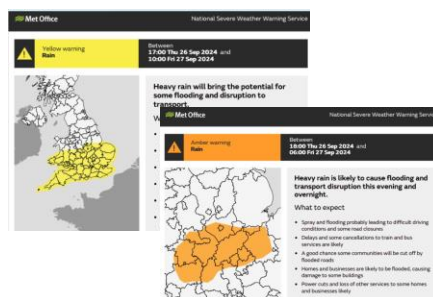
20 Oct 24
Storm Ashley



7 Dec 24
Storm
Darragh



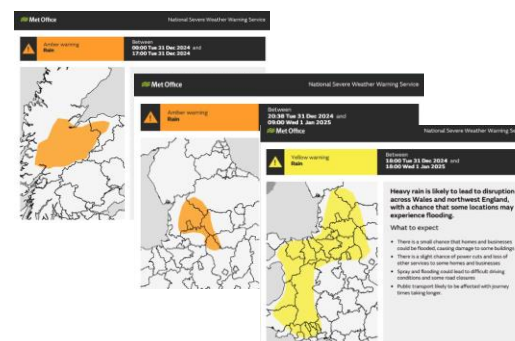
5-6 Jan 25



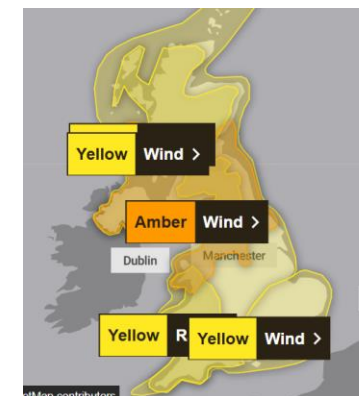
26 Sep 24



23-24 Nov 24
Storm Bert



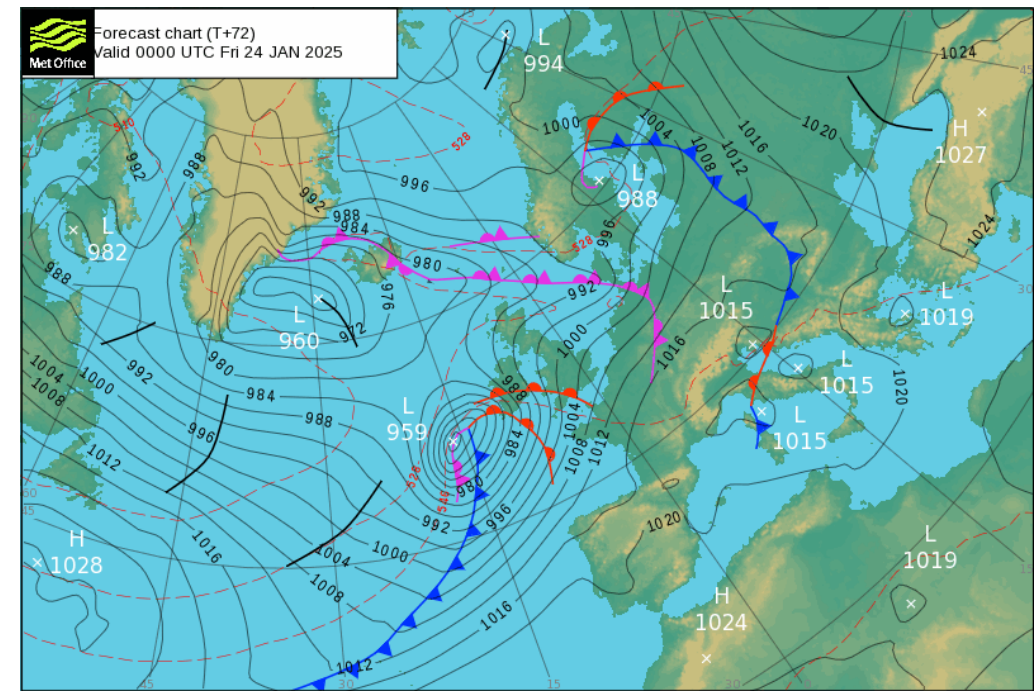
31 Dec 24



24-25 Jan 25
Storm Éowyn

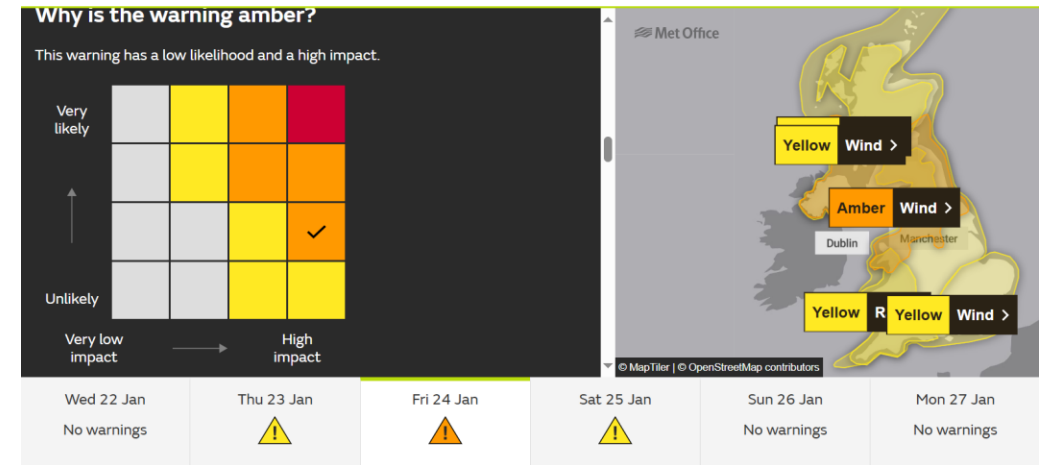
Weather outlook:

- Thursday Yellow wind warning low impacts accompanied with squally showers and rain across south west England and Wales
- Friday and Saturday Amber wind warning across Scotland, Northern Ireland, Wales and Northern of England with 60-70mph with 80-90mph exposed coasts
- Low pressure can deepen rapidly and still uncertainty in strength of winds, with low probability for high impacts. Warnings may update as situation progresses in the forecast period



Next week and into February:

- Unsettled with further low pressure system with strong winds and rain into Monday and Tuesday. Likely to consider warnings Thursday & Friday for next week.
- Remaining unsettled with low pressure systems dominating weather patterns across UK. Further windy, wet weather with snow in more northern areas expected to continue into February



NSWWS performance and continuous improvements

- Hot assessment on performance immediately after weather warnings if Medium impacts or above
- Technical forecasting review and post event reports carried out, and if rainfall and flooding we collaborate with flood partners
- Subjective assessment prepared, presented and reviewed by Public Weather Service Secretariat Group (PWS SG) each month.
- NSWWS performance target set by PWS SG and internal Met Office KPI includes;
 - 1) impact level, 2) area affected and 3) validity timing on rolling 3-year average