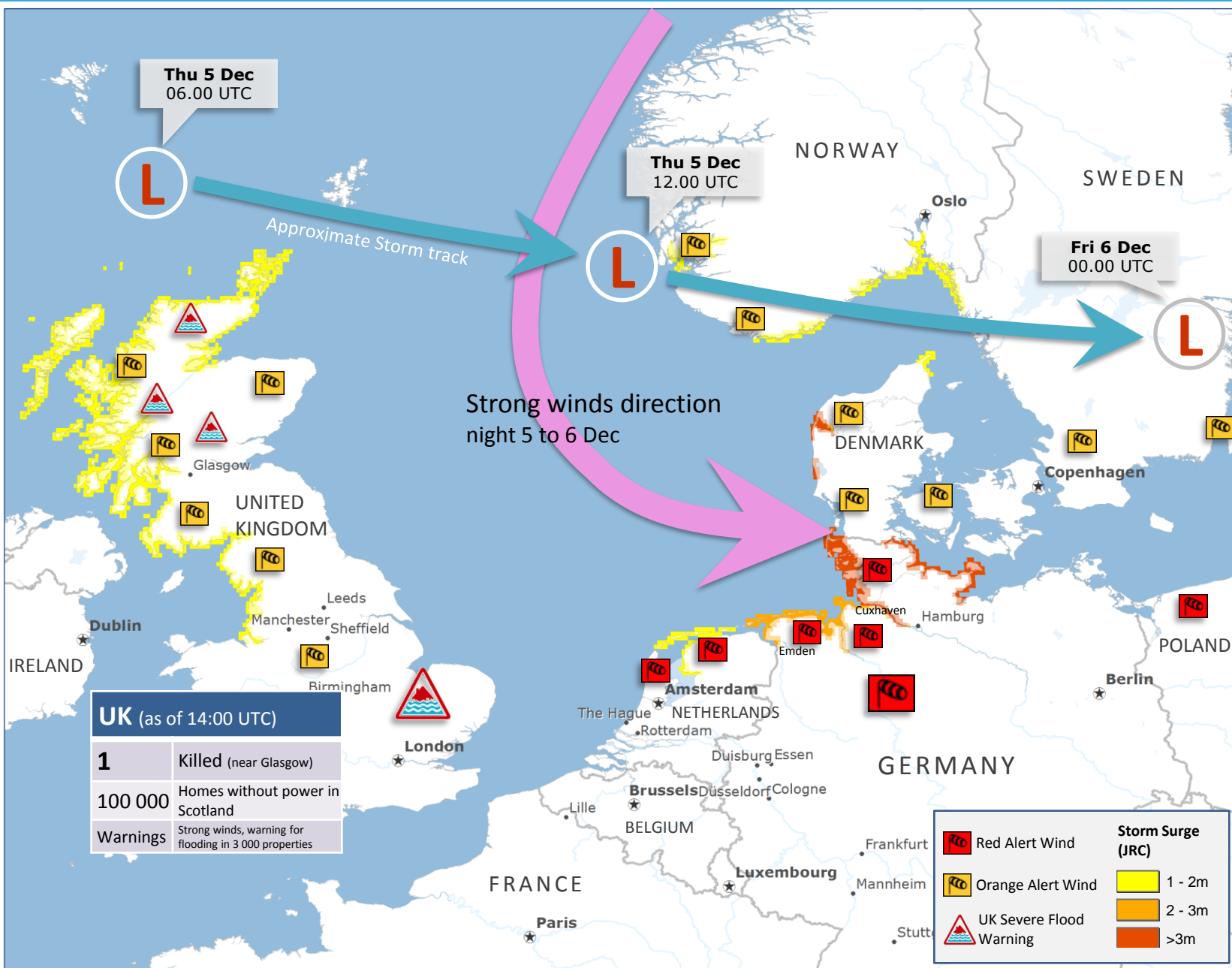


5 Dec 2013: Northern Europe - Severe weather



SITUATION

- A deep low pressure system (known as "Storm XAVER") is moving over northern Europe and is expected to affect the countries in its path with very strong, (potentially damaging) winds and possible flooding by storm surge.
- WINDS:** Strong winds (measured values of up to 80km/h) were already affecting the northern UK in the morning of 5 Dec, causing one death ([BBC](#)) in Scotland and extensive power cuts. Amber wind alerts are in effect for most of the country. The strong winds (with possible wind speeds of more than **120 km/h** in northern Germany) are expected to start affecting the **Netherlands, northern Germany, Denmark, Norway and Sweden** later on 5 Dec. See map for local Meteo warnings and effects in the UK.
- STORM SURGE:** JRC calculations (using [ECMWF](#) wind and pressure data) indicate a possible storm surge on the order of 1-2m in the NW coasts of the UK in the early afternoon of 5 Dec and more than 3m on the coasts of northern Germany and western Denmark late on 5 Dec. [UK authorities](#) have issued Severe Flood Warnings of Anglia and NE Scotland, warning of a high tidal surge (storm surge plus tide). [German authorities](#) warn of a storm surge of more than 3m along the NW coast, from Emden to Cuxhaven.
- EVOLUTION:** As the centre of the storm moves E-SE towards southern Sweden and the Baltic Sea, strong winds are forecast for the coasts of Poland and Lithuania on 6 Dec.