

# 22 Oct 2014: Northern Europe - Severe weather

## SITUATION

- A low pressure system (previously known as Hurricane GONZALO) reached Ireland and the Northern UK on 20-21 October, causing strong winds, rains and storm surge in several areas of these countries, as well as in parts of France, Belgium, Netherlands, Germany and Denmark.
- UK, Ireland:** According to media, one person was killed and another one was injured in London by falling trees and three people were also injured in Southwick, West Sussex (UK). The severe weather caused travel disruption and power outages in parts of Ireland and UK, and forced a temporary closure of parts of the center of Liverpool. A storm surge of 1.50 m was measured in Liverpool (West England, UK), on 21 Oct, 5.45 UTC, and 1.72 m in Lowestoft (East England, UK) on 22 October, 1.30 UTC.
- France:** Two people were killed (one in Aube, one in Bas-Rhin department), due to the effects of the strong winds.
- Austria:** Strong winds are affecting Austria; media reported power outages for approx. 30 000 households.
- Germany, Belgium, The Netherlands and Denmark:** Strong winds, rain and storm surge affected those countries. Media reported traffic disruption, several flooded roads and a number of damaged roofs in Germany, Belgium and the Netherlands. The 'Hamburg Fischmarkt' was flooded. The max. storm surge was 2.73 m in the coastal area around Cuxhaven (Germany) in the morning of 22 October, 5.17 UTC.
- The map shows the estimated JRC storm surge impact in the coastal areas.

Sources: JRC, ECMWF, MetOffice, COGIC, EUMETNET-MeteoAlarm, Media

### MeteoAlarm, as of 22 Oct, 13.30 UTC

- Red Alert Wind
- Orange Alert for Snow/Ice
- Orange Alert Wind
- Orange Alert Rain
- Orange Alert Thunderstorms

Storm Surge	
	Observation
	JRC Calculation

