



**WORKINGTON**  
26 Jan, 16.00 UTC \*  
Obs. 1.1 Est. 1.2

**CUXHAVEN**  
3 Feb, 10.15 UTC \*\*  
Obs. NyA Est. 1.8

**MeteoAlarm for 1 Feb (Red and Orange)**  
(as of 1 Feb, 15:00 UTC)

- Orange Alerts: Wind, Flood
- Red Alerts: Avalanche

**Storm Surge Calculations (JRC, ECMWF)**

- < 0.5 m
- 0.5–1 m
- 1–2 m
- 2–2.5 m

Colour scheme adopted for the storm surge does not represent a corresponding risk, it is only indicative.

**Storm Surge**

- \* = Time of Observation
- \*\* = Time of Estimation
- Observation
- JRC calculation
- NyA = Storm surge max. Not yet Arrived.

**Sea level average height**  
JRC calculations: 0.25 0.5 0.75 1.0 1.5 2.0 m

### SITUATION

- Severe weather, including strong winds, rain and storm surge may affect several countries of northern Europe on 01-03 Feb. Especially affected could be some areas of **Ireland, United Kingdom, Germany and Denmark.**
- UK, Ireland:** An intense low pressure system (named "GERTRUDE") has already affected Ireland and northern UK on 26-28 Jan, causing traffic disruption and power outages. On 1-3 Feb a new intense low pressure system (named "HENRY"), may cause strong winds, heavy rains and storm surge especially in north-western Ireland and northern UK. As of 1 Feb, media reported power outages and traffic disruption in Wales and Scotland (UK) as well as in north-western Ireland.
- Germany, Denmark:** Strong winds and storm surge may affect northern Germany and Denmark on 2-3 Feb. JRC calculations indicate a max. **storm surge** of the order of **2.0 - 2.1 m** in the coastal areas near Esbjerg (Denmark) and north of Cuxhaven (Germany) between the evening of 2 February and the morning of 3 Feb.

Sources: JRC, ECMWF, MetOffice, EUMETNET-MeteoAlarm, DMI, DWD, Media

### SEA LEVEL (JRC CALCULATIONS, OBSERVATIONS)

