Emergency Response Coordination Centre (ERCC) – ECHO Daily Map | 13/11/2015

Northern Europe – Severe weather

- Severe weather, including strong winds, rain and storm surge may affect several countries of northern Europe on 13-15 Nov. Especially affected could be parts of Ireland, United Kingdom, Germany and Denmark.

- UK, Ireland: An intense low pressure system (named Abigail) has already affected Ireland and northern UK on 12-13 Nov, causing traffic disruption and power outages. Media reported 20,000 homes without electricity in Scotland (UK). Over the next 72 h, strong winds and rains may still continue affecting northern UK and Ireland, especially on 15 Nov, due to the passage of another intense low pressure system (previously Tropical Cyclone KATE), off the coast of northern UK.

- Germany, Denmark: Strong winds and storm surge may affect northern Germany and Denmark on 13-14 Nov. JRC calculations indicate a max. storm surge of the order of 2.0 - 2.3 m in the coastal areas south of Esbjerg (Denmark) and north of Cuxhaven (Germany) on 14 Nov early morning (see map).

The map shows the estimated JRC storm surge impact in the coastal areas.

Sources: JRC, ECMWF, MetOffice, EUMETNET-Meteoalarm, DMS, DWD, Media

**SITUATION**

- Storm Surge
  - * = Time of Observation
  - ** = Time of Estimation

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

- Storm Surge max height JRC calculations (m)
  - < 0.25
  - 0.25 - 0.50
  - 0.50 - 0.75
  - 0.75 - 1.00
  - 1.00 - 1.50
  - 1.50 - 2.00
  - > 2.00

- Storm Surge (JRC, ECMWF data)
  - < 0.5
  - 0.5 - 1.0 m
  - > 1.0 m

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  - < 0.25
  - 0.25 - 0.50
  - 0.50 - 0.75
  - 0.75 - 1.00
  - 1.00 - 1.50
  - 1.50 - 2.00
  - > 2.00

- Gust winds (km/h)
  - < 116
  - 116 - 135
  - > 135

- Floods observed (media)
  - < 0.5
  - 0.5 - 1.0
  - < 1.0
  - > 1.0 m

**SEA LEVEL (JRC CALCULATIONS, OBSERVATIONS)**

- WORKINGTON (UK)
  - Calculations
  - Observations

- CUXHAVEN (Germany)
  - Calculations
  - Observations

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