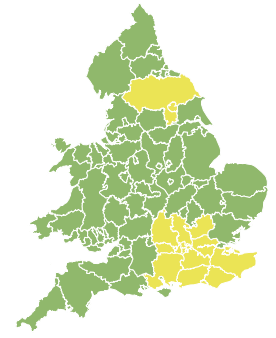
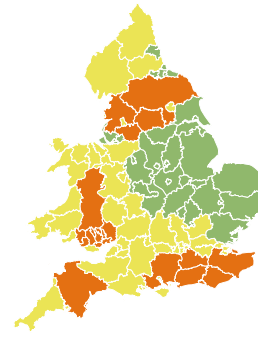
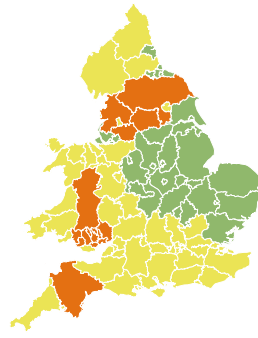
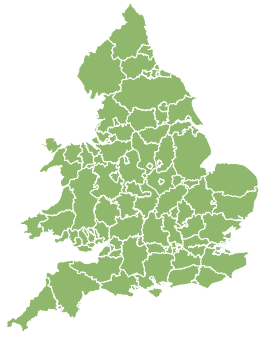


Flood Guidance Statement

10:30hrs Thursday 13 February 2020



Thursday

13 Feb 2020 10:30-23:59
Trend since last FGS

Decreased ↓

Friday

14 Feb 2020

Steady →

Saturday

15 Feb 2020

Increased ↑

Sunday

16 Feb 2020

Increased ↑

Monday

17 Feb 2020

Increased ↑

Significant river and surface water flooding is probable on Saturday and Sunday due to Storm Dennis. Significant impacts from river flooding may continue into Monday. The overall flood risk is MEDIUM. See end of FGS for 6-10 day forecast.

Specific Areas of Concern Map 1: Saturday 15 and Sunday 16 February 2020

RISK AREA A
Impact **SIGNIFICANT**
Likelihood **MEDIUM**

Source River Surface
Likely duration 2 Days

Significant impacts probable from heavy rain later Saturday into Sunday.

RISK AREA B
Impact **SIGNIFICANT**
Likelihood **MEDIUM**

Source River Surface
Likely duration 2 Days

Significant impacts probable from heavy rainfall later Saturday into Sunday.

RISK AREA C
Impact **SIGNIFICANT**
Likelihood **MEDIUM**

Source River Surface
Likely duration 1 Day

Significant impacts probable on Sunday from persistent and heavy rainfall.

RISK AREA D
Impact **SIGNIFICANT**
Likelihood **MEDIUM**

Source Surface
Likely duration 2 Days

Heavy rain on Saturday and into Sunday.

RISK AREA E
Impact **SIGNIFICANT**
Likelihood **LOW**

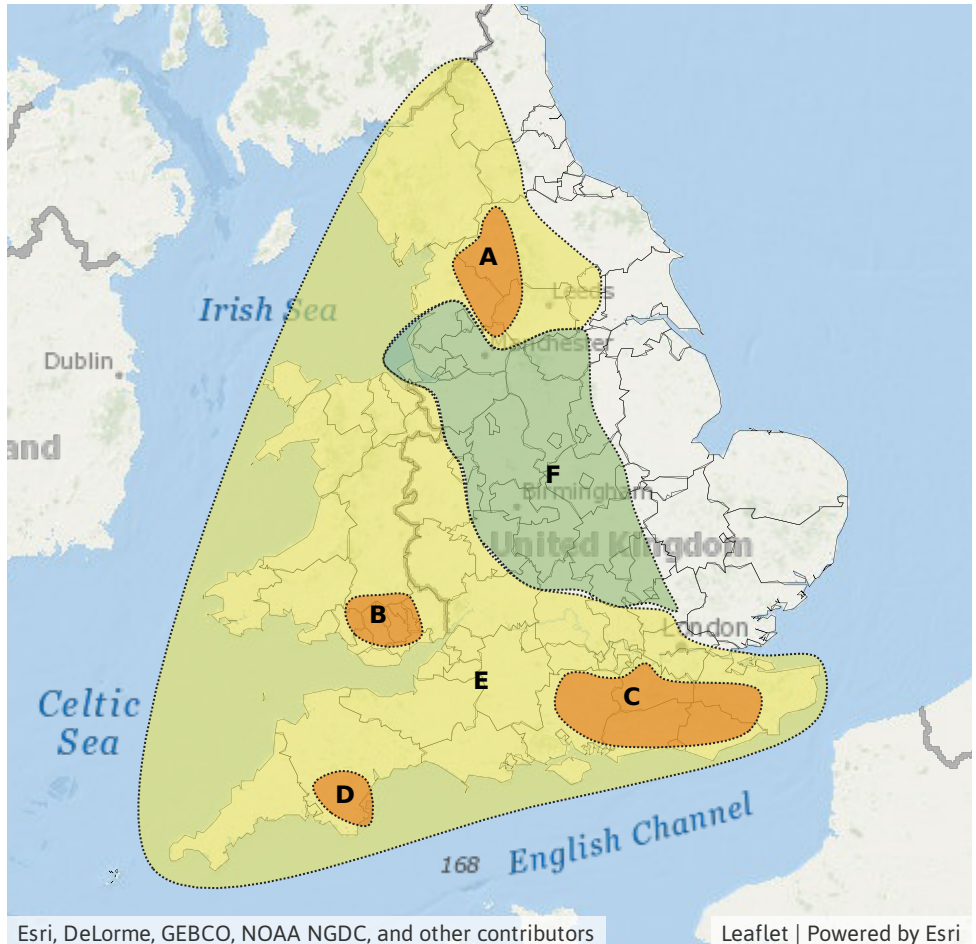
Source River Surface
Likely duration 2 Days

Widespread heavy rain falling on sensitive catchments with rivers responding.

RISK AREA F
Impact **MINOR**
Likelihood **LOW**

Source River Surface
Likely duration 2 Days

Persistent rain Saturday and Sunday.



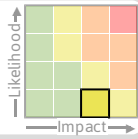
Flood Guidance Statement

10:30hrs Thursday 13 February 2020

Specific Areas of Concern Map 2: Monday 17 February 2020

RISK AREA G

Impact **SIGNIFICANT**
Likelihood **VERY LOW**

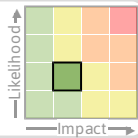


Source River
Likely duration 1 Day

Potential ongoing river flooding on larger, slower responding rivers.

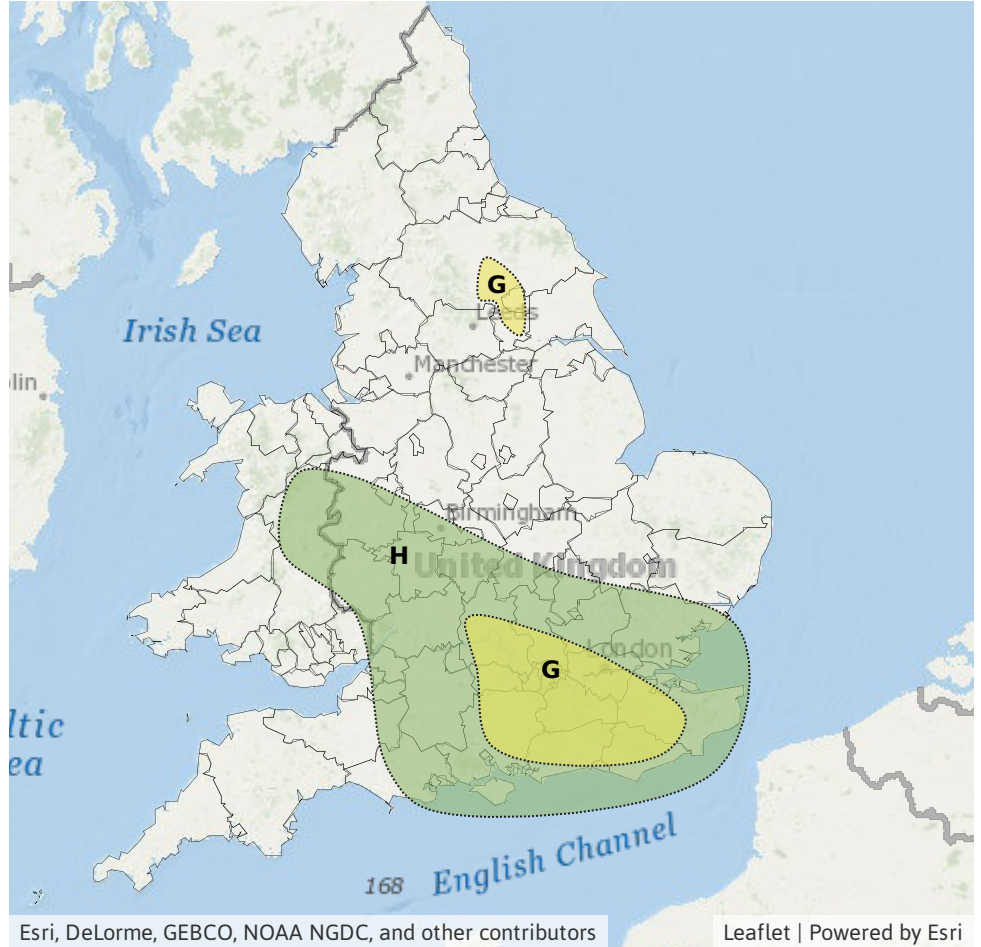
RISK AREA H

Impact **MINOR**
Likelihood **LOW**



Source River
Likely duration 1 Day

Ongoing local river response to Storm Dennis rainfall over the weekend.



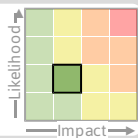
Esri, DeLorme, GEBCO, NOAA NGDC, and other contributors

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Specific Areas of Concern Map 3: Friday 14 February 2020

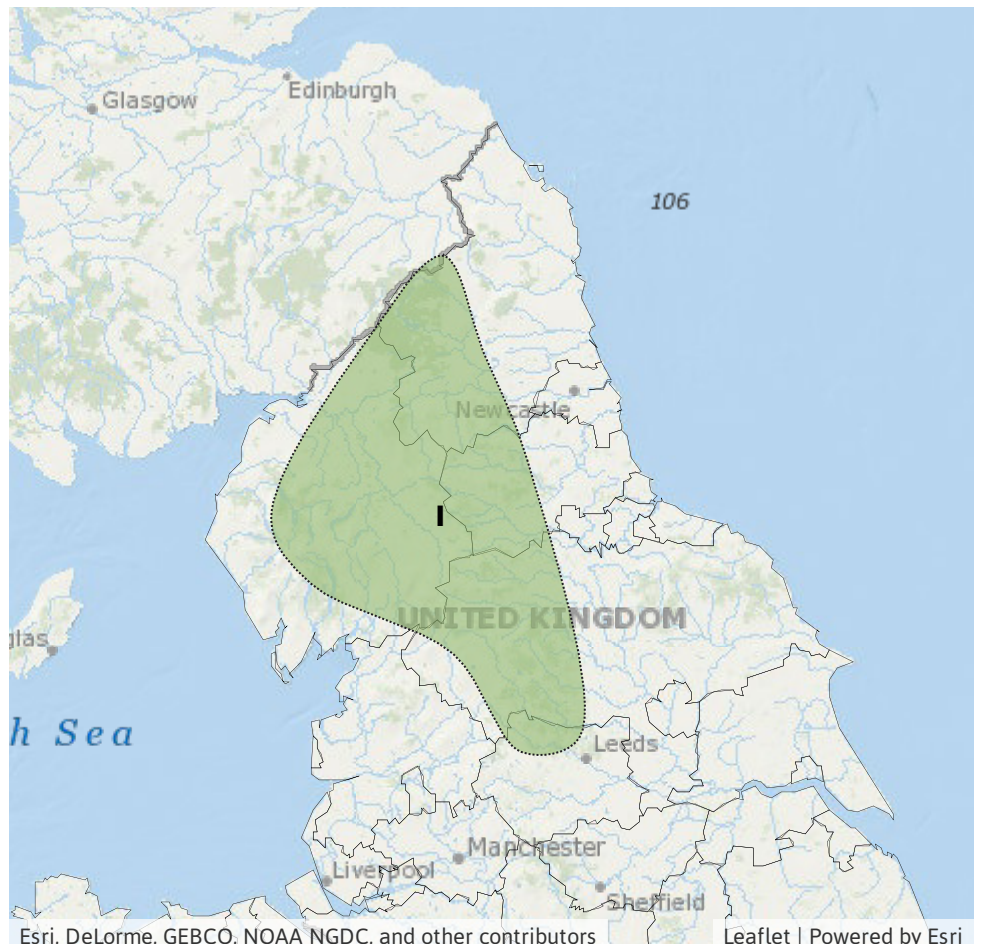
RISK AREA I

Impact **MINOR**
Likelihood **LOW**



Source River
Likely duration 1 Day

Rain and snowmelt from high ground may lead to local river flooding



Esri, DeLorme, GEBCO, NOAA NGDC, and other contributors

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Assessment of flood risk



Rivers

The river flood risk is MEDIUM on Saturday and Sunday.

Persistent, heavy rain is forecast from Storm Dennis on Saturday and Sunday and this will fall on responsive catchments across much of England and Wales. Significant river flooding is probable across parts of the south of England, south Wales and some Pennine areas, and is possible in other parts of Wales, the north and south of England and the Midlands.

Significant river flooding impacts may continue into the middle of next week on large rivers such as the Yorkshire Ouse and Thames. Minor river flooding is also possible across the rest of the Midlands over the weekend and for central and the south of England on Monday.

Minor river flooding impacts are also possible on Friday over the north of England due to snowmelt combining with frontal rain.



Surface water

The overall surface water flood risk is MEDIUM on Saturday and Sunday.

Persistent, heavy rain is forecast from Storm Dennis on Saturday and Sunday and this will fall on saturated catchments across much of England and Wales. Significant surface water flooding is probable across parts of the south and south-west of England, south Wales and some Pennine areas, and is possible in other parts of Wales, the north and south of England and the west and south Midlands.

Minor surface water flooding is also possible in other parts of the Midlands on Saturday and Sunday.



Coastal/Tidal

The coastal/tidal flood risk is VERY LOW for the next five days.

Minor coastal impacts are possible but not expected today (Thursday) for the north-east and south-west coasts of England parts of the Welsh coast, and parts of the Severn Estuary/Bristol Channel. This is due to a combination of high water levels, coastal gales and large waves in some places.



Groundwater

The groundwater flood risk is VERY LOW for the next five days.

Groundwater levels remain high in Hampshire, Dorset, Wiltshire, North Lincolnshire, East Sussex, West Sussex and Brighton and Hove, although impacts are minimal.

6-10 day forecast

River flooding impacts are likely to continue into the middle of next week on longer, slower responding rivers. Heavy showers may also lead to some further local river response.

Flood risk matrix



Summary of potential impacts

MINIMAL

Isolated and minor flooding of low-lying land and roads
Isolated spray/wave on coastal promenades
Little or no disruption to travel, but wet road surfaces

MINOR

Localised flooding of land and roads
Flooding affecting individual properties
Disruption to travel and key sites in flood plans

SIGNIFICANT

Flooding affecting parts of communities
Possible danger to life and damage to buildings/structures
Disruption to travel and key sites in flood plans

SEVERE

Danger to life, severe disruption to travel
Widespread flooding affecting whole communities
Widespread disruption or loss of infrastructure
Large scale evacuation of properties possible

Next statement due **15:00hrs Thursday 13 February 2020 (all times are local)**

Contact details **Flood Forecasting Centre Duty Hydrometeorologist - 0300 12345 01**

More information <http://www.ffc-environment-agency.metoffice.gov.uk>