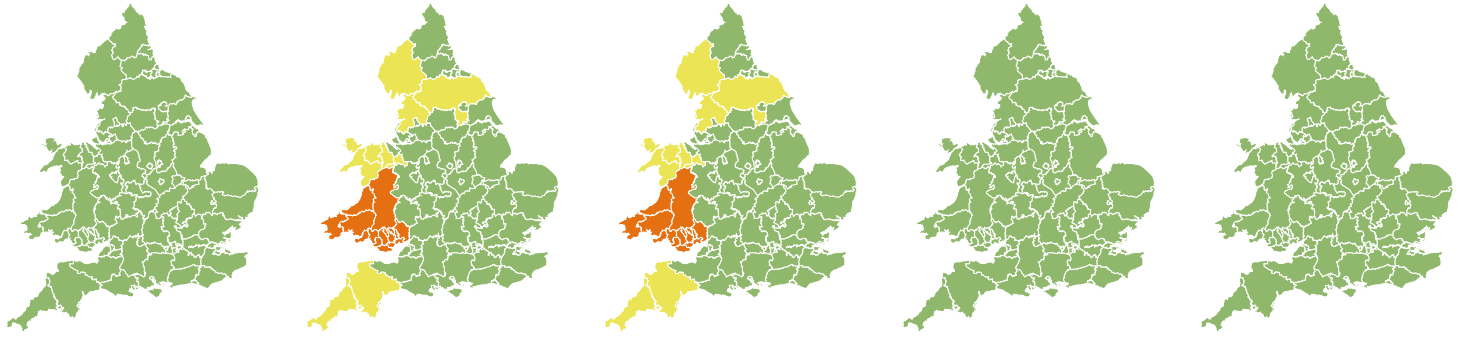


Flood Guidance Statement

10:30hrs Thursday 11 October 2018



Thursday

11 Oct 2018 10:30-23:59
Trend since last FGS

Steady →

Friday

12 Oct 2018

Increased ↑

Saturday

13 Oct 2018

Increased ↑

Sunday

14 Oct 2018

Steady →

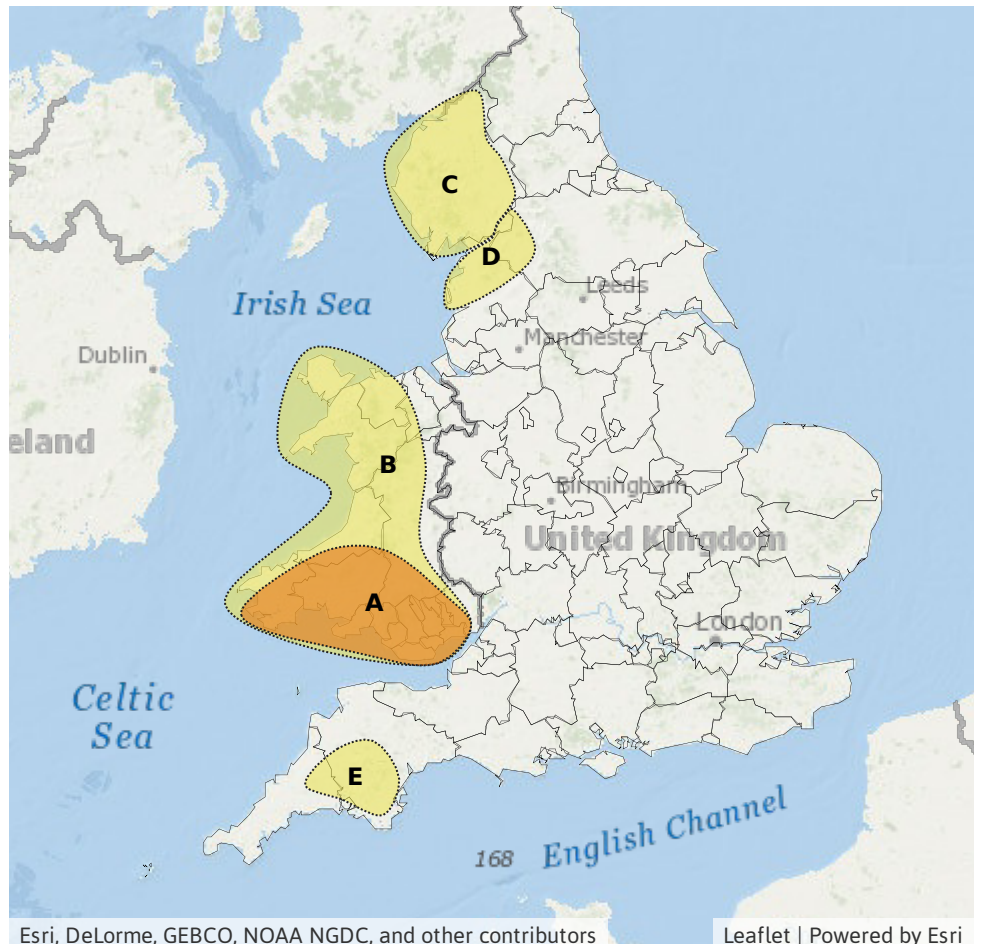
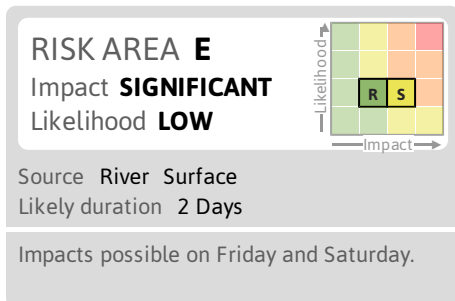
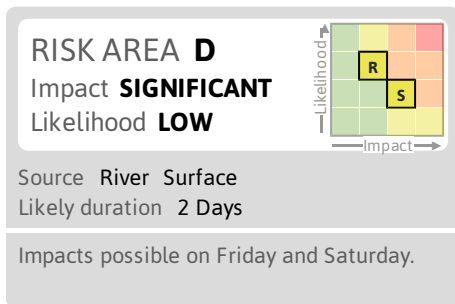
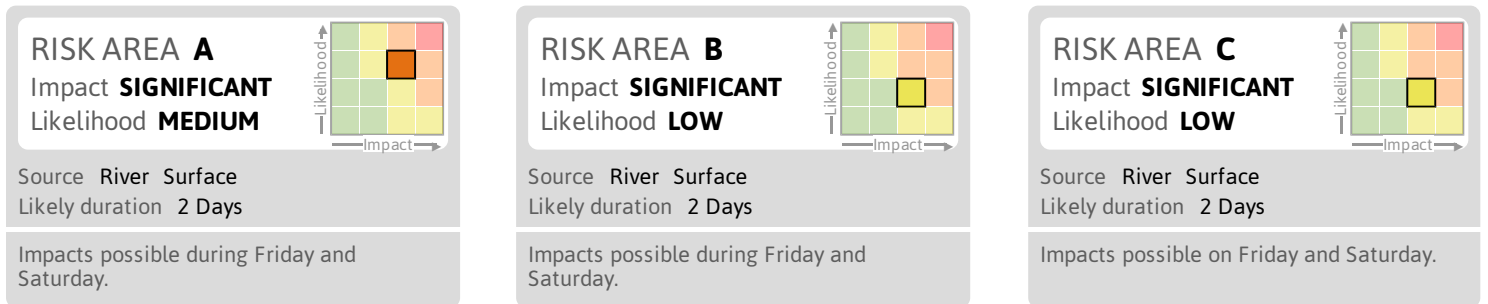
Monday

15 Oct 2018

Steady →

Significant river and surface water flooding impacts are probable in south Wales on Friday and Saturday (MEDIUM flood risk), and are possible for other parts of Wales and western England (LOW flood risk).

Areas of Concern Map 1 - Friday 12 and Saturday 13 October 2018.



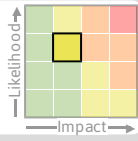
Flood Guidance Statement

10:30hrs Thursday 11 October 2018

Areas of Concern Map 2 - Friday 12 and Saturday 13 October 2018.

RISK AREA F

Impact **MINOR**
Likelihood **MEDIUM**

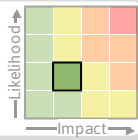


Source Coastal/Tidal
Likely duration 1 Day

Impacts possible during periods of high tide on Friday.

RISK AREA G

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

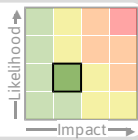


Source Coastal/Tidal
Likely duration 1 Day

Impacts possible during periods of high tide on Friday.

RISK AREA H

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

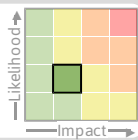


Source Coastal/Tidal
Likely duration 1 Day

High water levels for the River Wye during the morning high tide on Friday.

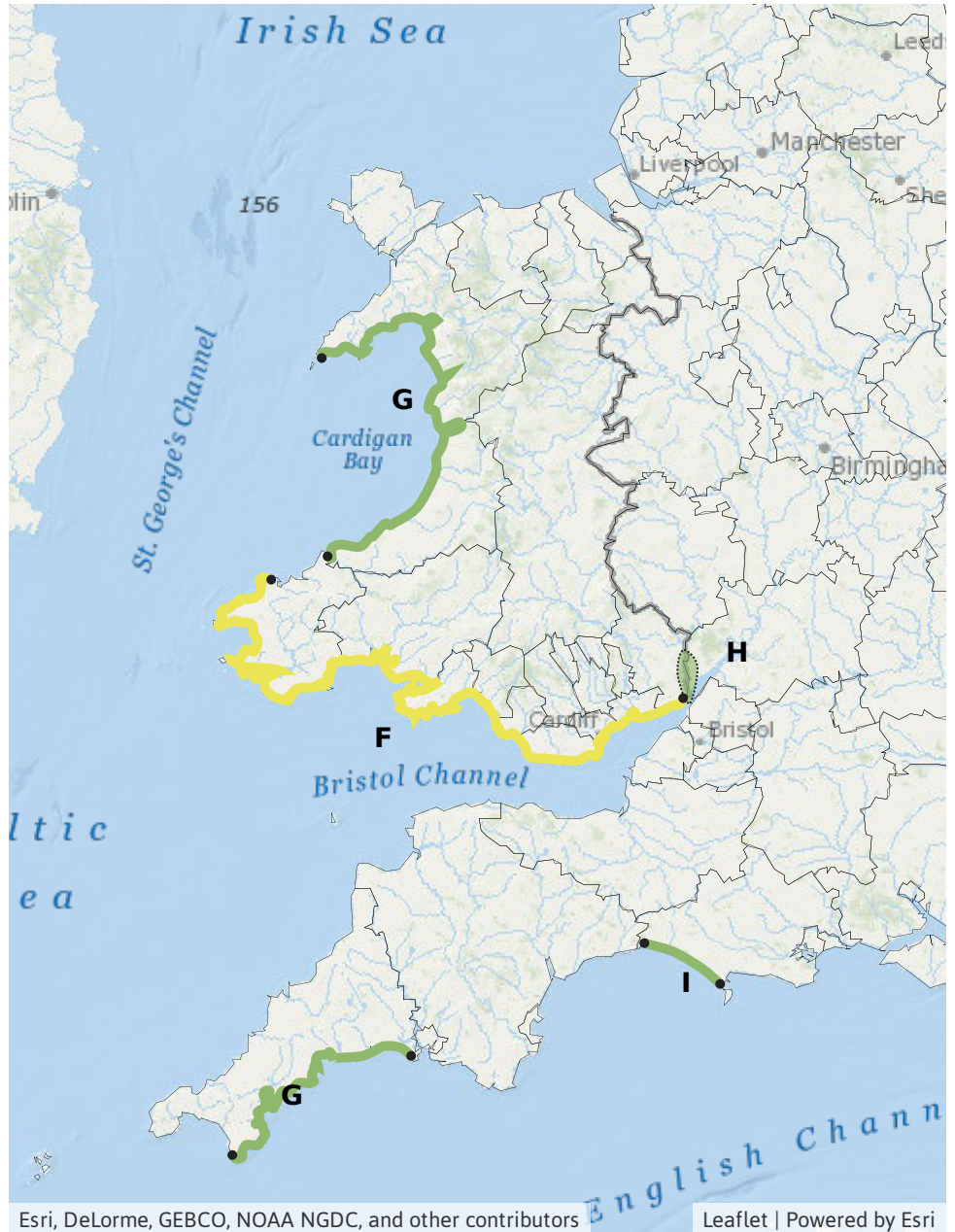
RISK AREA I

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



Source Coastal/Tidal
Likely duration 2 Days

Impacts possible during periods of high tide on Friday and Saturday morning.



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

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Assessment of flood risk



Surface water

The surface water flood risk is MEDIUM for Friday and Saturday.

Significant surface water flooding impacts are probable in south Wales (Area A of Area of Concern Map 1) on Friday and Saturday. This is due to prolonged, heavy rainfall and strong winds, which may lead to wind blown debris blocking drains. Significant surface water flooding impacts are possible elsewhere in Wales and western parts of England - see areas B, C, D and E.

Meanwhile, today (Thursday), localised heavy rain or showers over parts England and Wales may lead to some very localised surface water flooding but impacts are expected to be minimal.



Rivers

The river flood risk is MEDIUM for Friday and Saturday.

Significant river flooding impacts are probable in south Wales (Area A of Area of Concern Map 1) on Friday and Saturday due to prolonged, heavy rainfall. Significant river flooding impacts are possible elsewhere in Wales and western parts of England - see Areas B and C.

Minor river flooding impacts are probable on Friday and Saturday in Area D, and possible in Area E of Areas of Concern Map 1.



Coastal/Tidal

The overall coastal/tidal flood risk is LOW for Friday.

On Friday a combination of large waves, strong winds and a large surge means that localised minor flooding impacts from wave over-topping, wind blown spray and high tide levels are probable around the coast of south Wales (Coastline F on Areas of Concern Map 2).

Also on Friday, along the coasts of west Wales, south-west England, and the Wye estuary localised minor impacts are possible (Coastlines G and H on Areas of Concern Map 2), and are possible but not expected for the Lancashire coastline. Minor coastal impacts are also possible on Saturday for the west Dorset coast (coastline I on Area of Concern Map 2).

Minor coastal flooding impacts are possible, but not expected, along parts of the south Wales coast today (Thursday) as a result of high astronomical tides.



Groundwater

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

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 11 October 2018 (all times are local)**

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

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