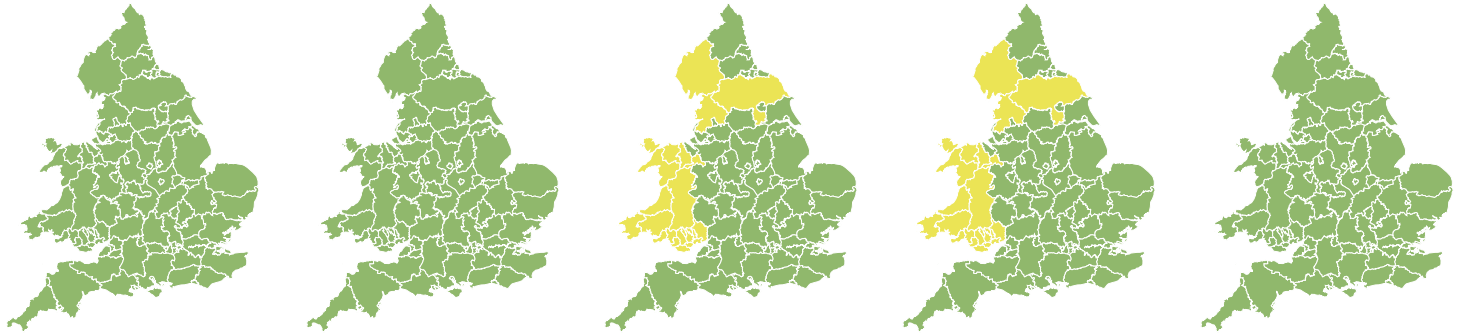


# Flood Guidance Statement

10:30hrs Wednesday 10 October 2018



Wednesday

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

Steady →

Thursday

11 Oct 2018

Steady →

Friday

12 Oct 2018

Increased ↑

Saturday

13 Oct 2018

Increased ↑

Sunday

14 Oct 2018

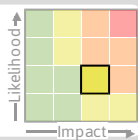
Steady →

Significant surface water and river flooding impacts are possible in south Wales, and are possible but not expected in north Wales and north-west England on Friday and Saturday. The overall flood risk is LOW.

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

### RISK AREA D

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

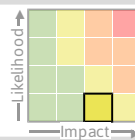


Source River Surface  
Likely duration 2 Days

Impacts possible Friday and Saturday.

### RISK AREA E

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

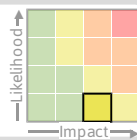


Source River Surface  
Likely duration 2 Days

Impacts possible on Friday and Saturday.

### RISK AREA F

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

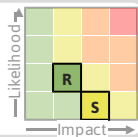


Source River Surface  
Likely duration 2 Days

Impacts possible later Friday and into Saturday.

### RISK AREA G

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

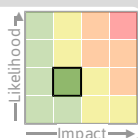


Source River Surface  
Likely duration 2 Days

Impacts possible later Friday and into Saturday.

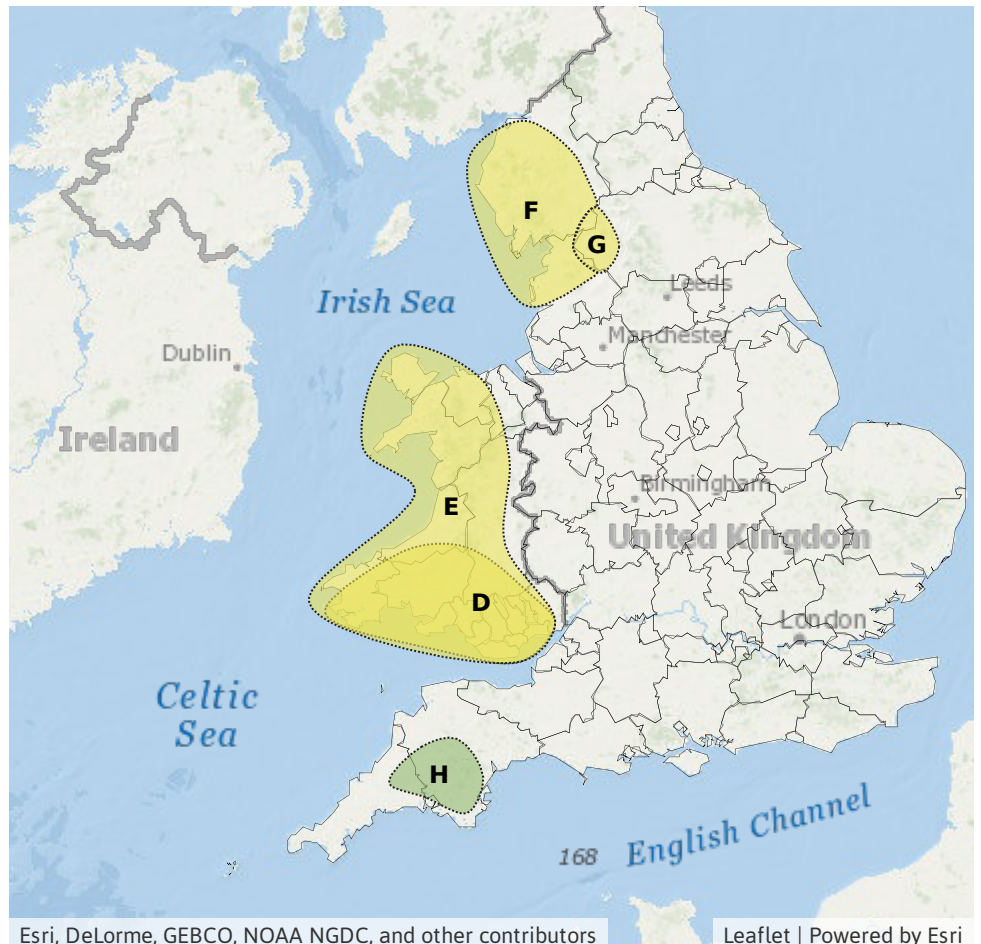
### RISK AREA H

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



Source River Surface  
Likely duration 2 Days

Impacts possible on Friday and Saturday.



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

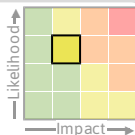
Leaflet | Powered by Esri

# Flood Guidance Statement

10:30hrs Wednesday 10 October 2018

### Areas of Concern Map 2 - Friday 12 October 2018.

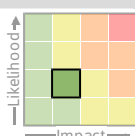
**RISK AREA A**  
Impact **MINOR**  
Likelihood **MEDIUM**



Source Coastal/Tidal  
Likely duration 1 Day

Impacts possible during periods of high tide.

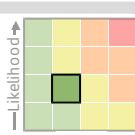
**RISK AREA B**  
Impact **MINOR**  
Likelihood **LOW**



Source Coastal/Tidal  
Likely duration 2 Days

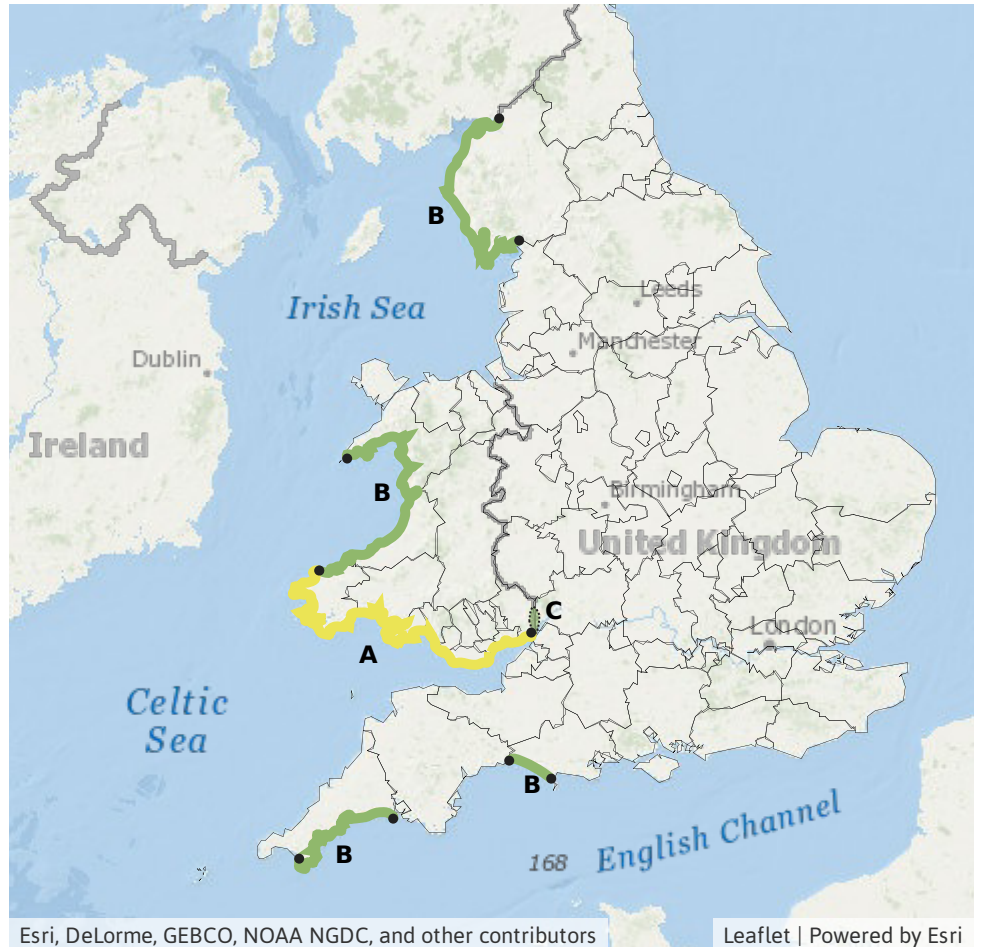
Impacts possible during periods of high tide.

**RISK AREA C**  
Impact **MINOR**  
Likelihood **LOW**



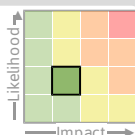
Source Coastal/Tidal  
Likely duration 1 Day

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



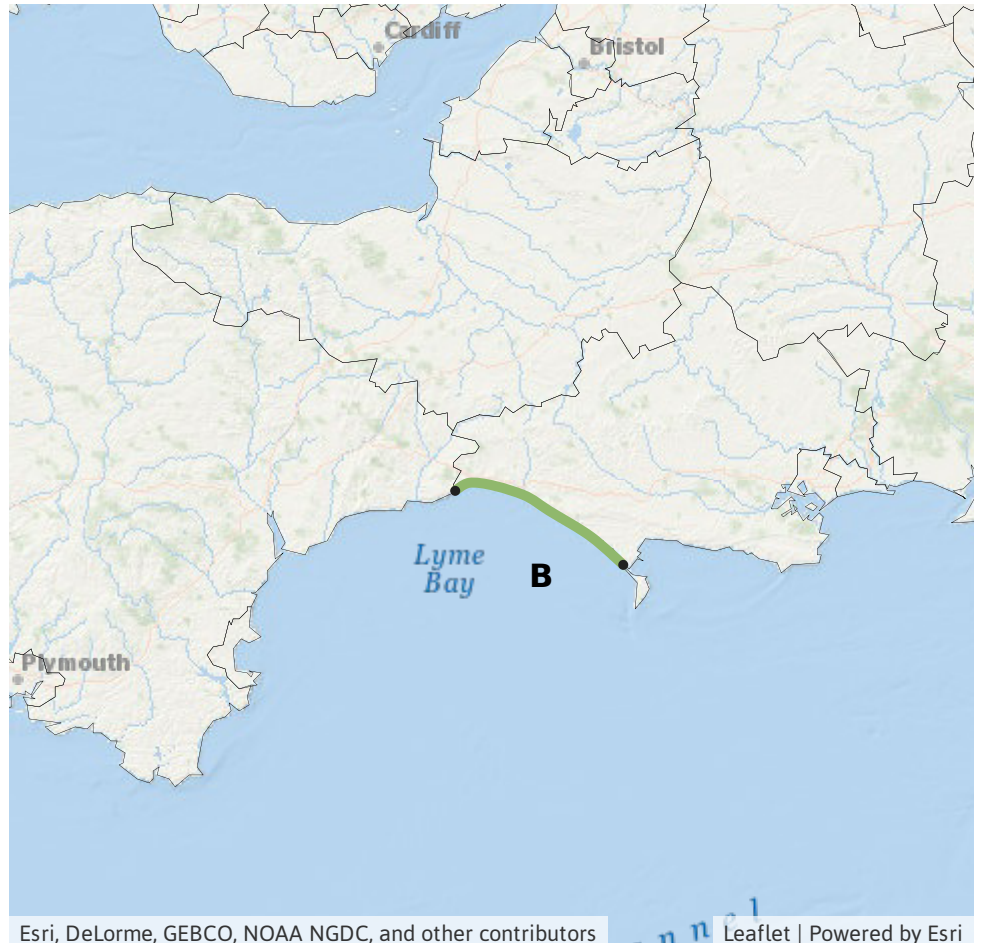
### Areas of Concern Map 3 - Saturday 13 October 2018.

**RISK AREA B**  
Impact **MINOR**  
Likelihood **LOW**



Source Coastal/Tidal  
Likely duration 2 Days

Impacts possible during morning high tide.



## Assessment of flood risk



### Surface water

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

Heavy and prolonged rain on Friday and Saturday accompanied by strong winds, which may lead to wind blown debris blocking drains, means that significant surface water flooding impacts are possible in south Wales (area D of Areas of Concern Map 1); and are possible but not expected elsewhere in Wales and in north-west England (areas E, F and G of Areas of Concern Map 1).

In south-west England (area H of Areas of Concern Map 1), localised minor surface water flooding impacts are also possible on Friday and Saturday.

Meanwhile, on Wednesday night and during 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

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The river flood risk is LOW for Friday and Saturday.

Prolonged and heavy rainfall on Friday and Saturday means that significant river flooding impacts are possible in south Wales (area D) and possible but not expected elsewhere in Wales and in parts of north-west England (areas E and F of Areas of Concern Map 1).

Minor river flooding impacts are possible in areas G and H of Areas of Concern Map 1.



### Coastal/Tidal

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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 A on Areas of Concern Map 2).

Also on Friday, along the coasts of west Wales, Cumbria, south-west England, and the Wye estuary localised minor impacts are possible (Coastlines B and C 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 B on Area of Concern Map 3).

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

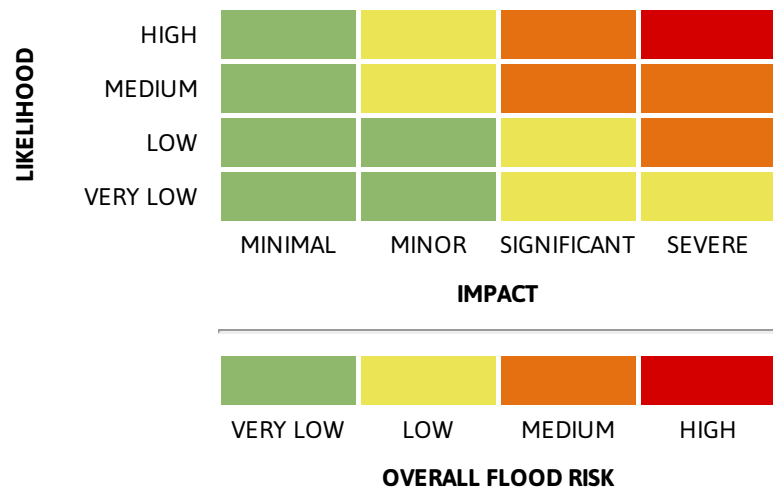


### Groundwater

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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 **10:30hrs 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>