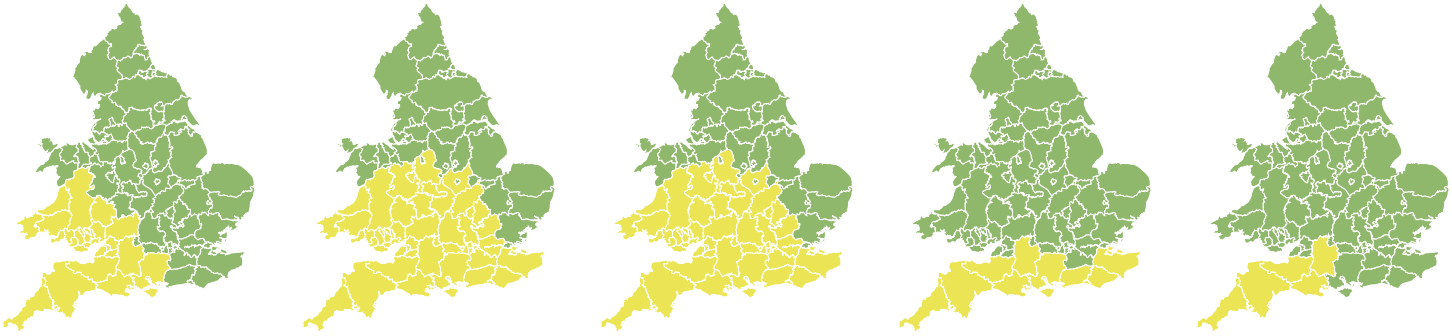
# Flood Guidance Statement

10:30hrs Wednesday 18 December 2019

FLOODFORECASTINGCENTRE
a working partnership between Environment Agency | Met Office

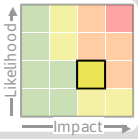


| Wednesday | Thursday | Friday | Saturday | Sunday |
|---|---|---|---|---|
| 18 Dec 2019 10:30-23:59 | 19 Dec 2019 | 20 Dec 2019 | 21 Dec 2019 | 22 Dec 2019 |
| Trend since last FGS | | | | |
| Increased ↑ | Increased ↑ | Increased ↑ | Increased ↑ | Increased ↑ |

Significant river and surface water flooding impacts are possible in parts of south-west England, with significant surface water impacts possible in the south of Wales, from Wednesday to Friday. The overall flood risk is LOW.

**Specific Areas of Concern Map 1: Wednesday 18 December 2019.**

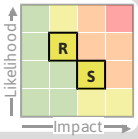
RISK AREA **A**
Impact **SIGNIFICANT**
Likelihood **LOW**




Source River Surface
Likely duration 3 Days

Impacts from successive bands of rain from today until Friday.

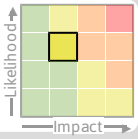
RISK AREA **B**
Impact **SIGNIFICANT**
Likelihood **LOW**




Source River Surface
Likely duration 3 Days

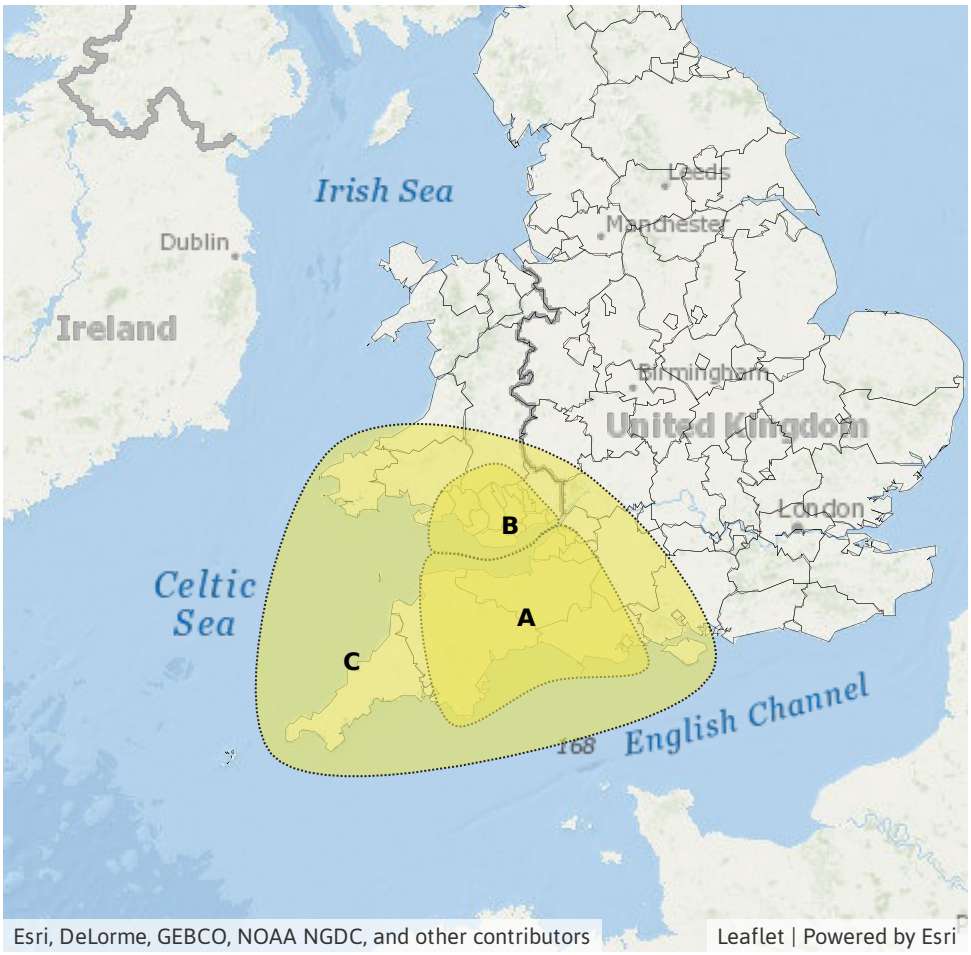
Impacts from successive bands of rain from today until Friday.

RISK AREA **C**
Impact **MINOR**
Likelihood **MEDIUM**




Source River Surface
Likely duration 1 Day

Impacts possible later today.

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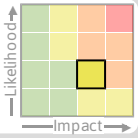
## Specific Areas Of Concern Map 2: Thursday 19 and Friday 20 December 2019.

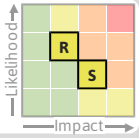
RISK AREA **A**
Impact **SIGNIFICANT**
Likelihood **LOW**




Source River Surface
Likely duration 3 Days

Impacts from successive bands of rain from today until Friday.

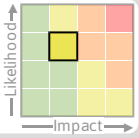
RISK AREA **B**
Impact **SIGNIFICANT**
Likelihood **LOW**




Source River Surface
Likely duration 3 Days

Impacts from successive bands of rain from today until Friday.

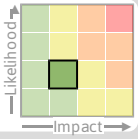
RISK AREA **D**
Impact **MINOR**
Likelihood **MEDIUM**




Source River Surface
Likely duration 2 Days

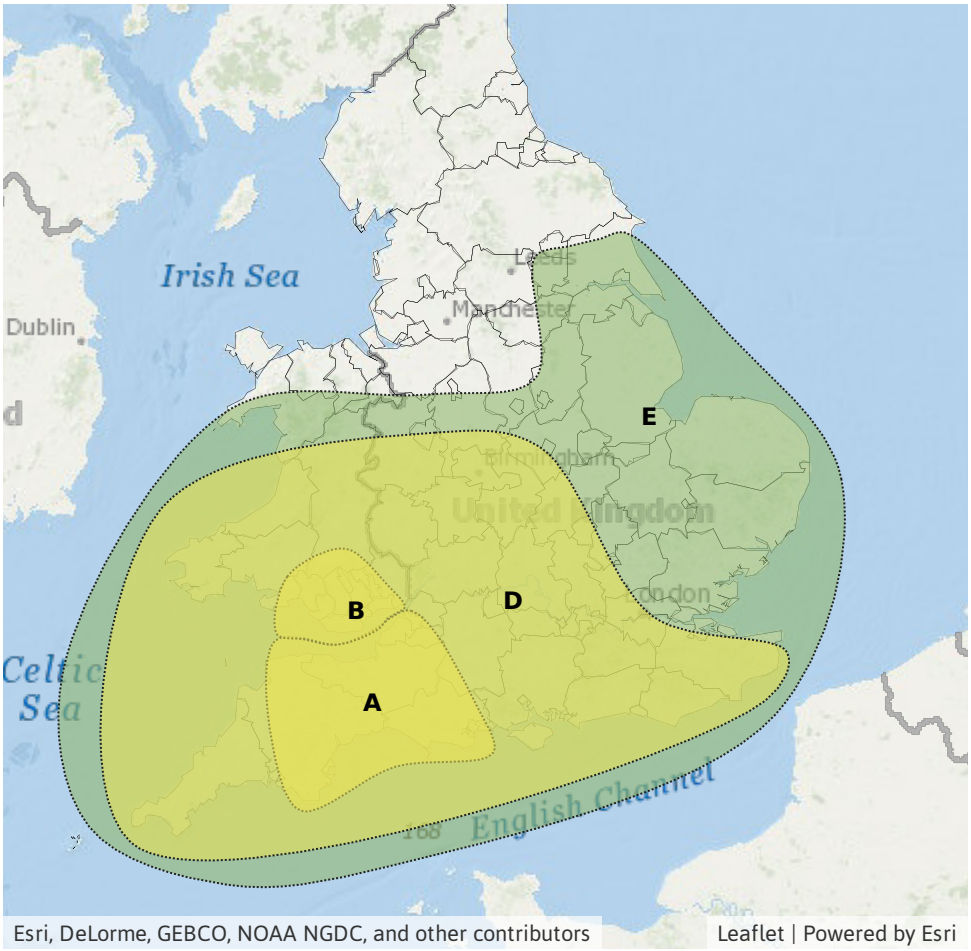
Impacts through Thursday and Friday.

RISK AREA **E**
Impact **MINOR**
Likelihood **LOW**




Source River Surface
Likely duration 1 Day

Periods of heavy rain and showers falling on saturated ground.

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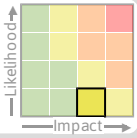
## Specific Areas of Concern Map 3: Saturday 21 and Sunday 22 December 2019.

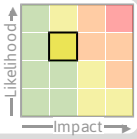
RISK AREA **F**
Impact **SIGNIFICANT**
Likelihood **VERY LOW**




Source River Surface
Likely duration 2 Days

Possible further rain falling on saturated ground.

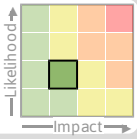
RISK AREA **G**
Impact **MINOR**
Likelihood **MEDIUM**




Source River Surface
Likely duration 1 Day

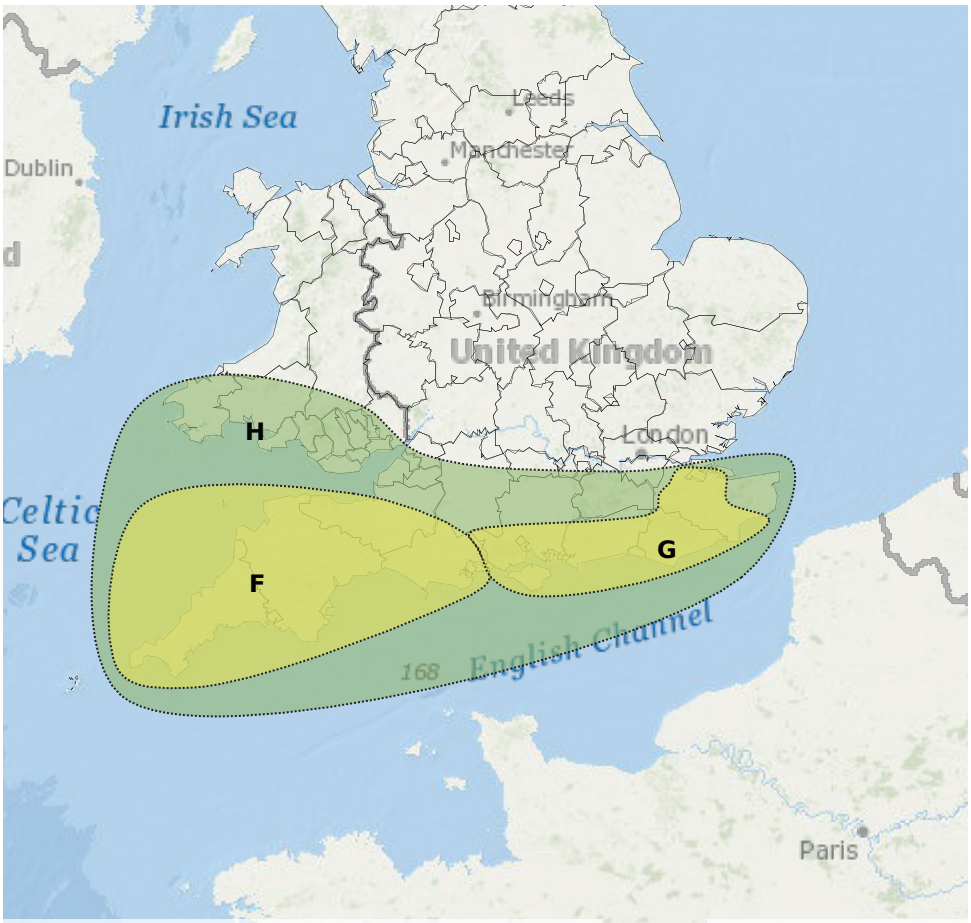
Heavy rain on saturated catchments, impacts may continue into Saturday.

RISK AREA **H**
Impact **MINOR**
Likelihood **LOW**




Source River Surface
Likely duration 2 + Days

Possible heavy rain on wet or saturated catchments.

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## Assessment of flood risk

### Surface water

The surface water flood risk is LOW.

Significant surface water flooding impacts are possible in parts of south-west England and the south of Wales from later today (Wednesday) through to Friday.

Minor surface water flooding impacts are probable across the rest of south-west England and the south of Wales today (Wednesday), persisting and extending into central and south-eastern areas on Thursday and Friday. Minor impacts are possible more widely across England and Wales on Friday.

Significant surface water flooding impacts are possible but not expected on Saturday and Sunday in south-west England, with minor impacts probable in south-east England on Saturday only. Minor impacts are possible more widely in southern parts of England and Wales over the weekend.

### Rivers

The river flood risk is LOW.

Significant river flooding impacts are possible in parts of south-west England from later today (Wednesday) through to Friday.

Minor river flooding impacts are probable more widely across the rest of south-west England and the south of Wales today (Wednesday), persisting and extending into central and south-eastern parts of England on Thursday and Friday. Minor impacts are possible more widely across England and Wales on Friday.

Significant river flooding impacts are possible but not expected on Saturday and Sunday in south-west England, with minor impacts probable in south-east England on Saturday only. Minor impacts are possible more widely in southern parts of England and Wales over the weekend.

### Coastal/Tidal

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

Minor coastal flooding impacts are possible but not expected on Wednesday and Thursday for east facing parts of the Devon coast and more widely for English Channel coasts on Saturday and Sunday. This is due to onshore gales and large waves leading to some local spray and wave overtopping.

### Groundwater

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

Groundwater levels are high in North Lincolnshire and West Dorset, and are rising in Hampshire and West Sussex, though any flooding impacts are expected to be minimal.

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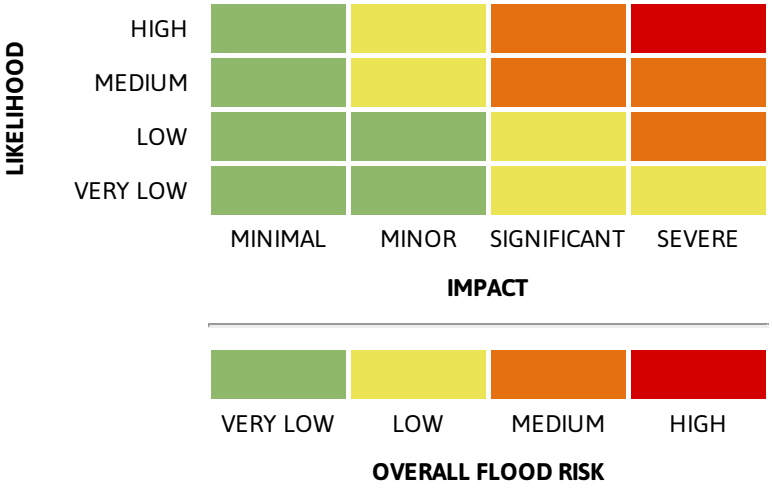
## Flood risk matrix




## 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 19 December 2019 (all times are local)**

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

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

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