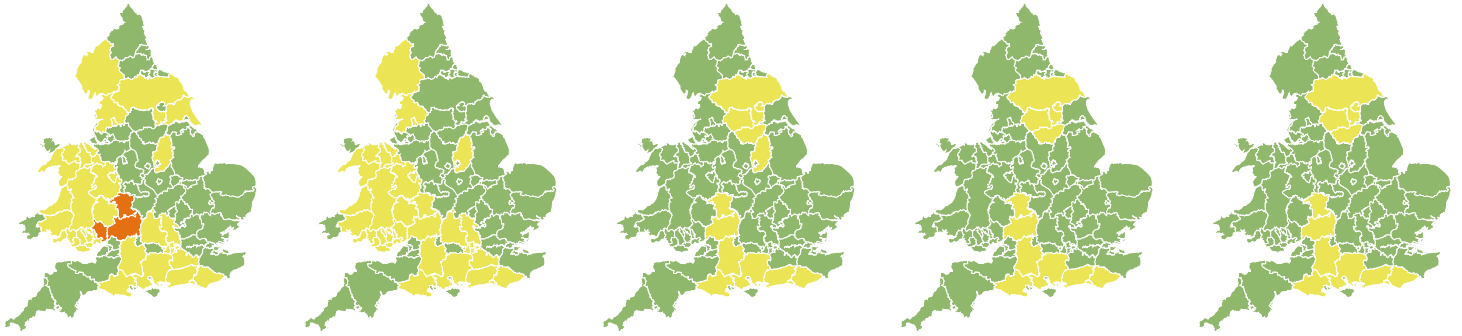


# Flood Guidance Statement

10:30hrs Wednesday 19 February 2020



Wednesday

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

Increased ↑

Thursday

20 Feb 2020

Increased ↑

Friday

21 Feb 2020

Increased ↑

Saturday

22 Feb 2020

Increased ↑

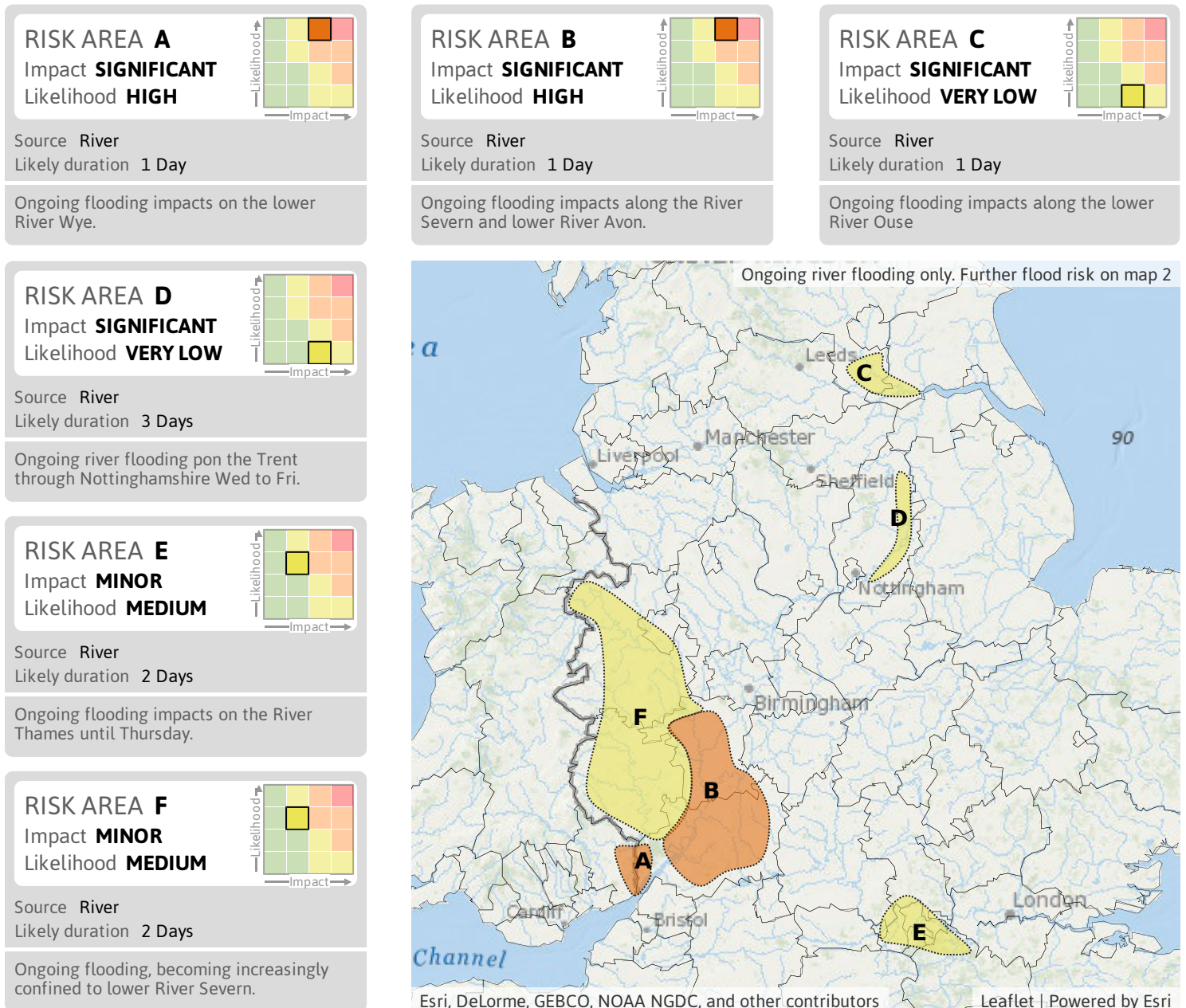
Sunday

23 Feb 2020

Increased ↑

The overall flood risk is **MEDIUM**. Significant flooding impacts continuing along the Rivers Severn, Avon and Wye today. Spells of rain this week mean further significant flooding impacts are possible. See end of FGS for 6-10 day forecast.

## Specific Areas of Concern Map 1: Wednesday 19 February

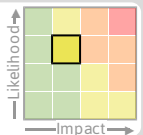


# Flood Guidance Statement

10:30hrs Wednesday 19 February 2020

### Specific Areas of Concern Map 2: Wednesday 19 (pm) and Thursday 20 February

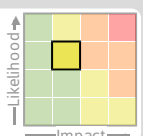
**RISK AREA E**  
Impact **MINOR**  
Likelihood **MEDIUM**



Source River  
Likely duration 2 Days

Ongoing flooding impacts on the River Thames until Thursday.

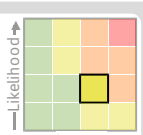
**RISK AREA F**  
Impact **MINOR**  
Likelihood **MEDIUM**



Source River  
Likely duration 2 Days

Ongoing flooding, becoming increasingly confined to lower River Severn.

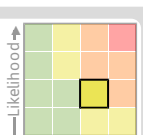
**RISK AREA G**  
Impact **SIGNIFICANT**  
Likelihood **LOW**



Source River  
Likely duration 4 Days

Significant river flooding lower River Severn Thu to Sat becoming minor on Sun.

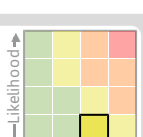
**RISK AREA H**  
Impact **SIGNIFICANT**  
Likelihood **LOW**



Source River Surface  
Likely duration 2 Days

Rain falling on responsive catchments in Wales

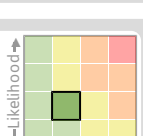
**RISK AREA I**  
Impact **SIGNIFICANT**  
Likelihood **VERY LOW**



Source River Surface  
Likely duration 2 Days

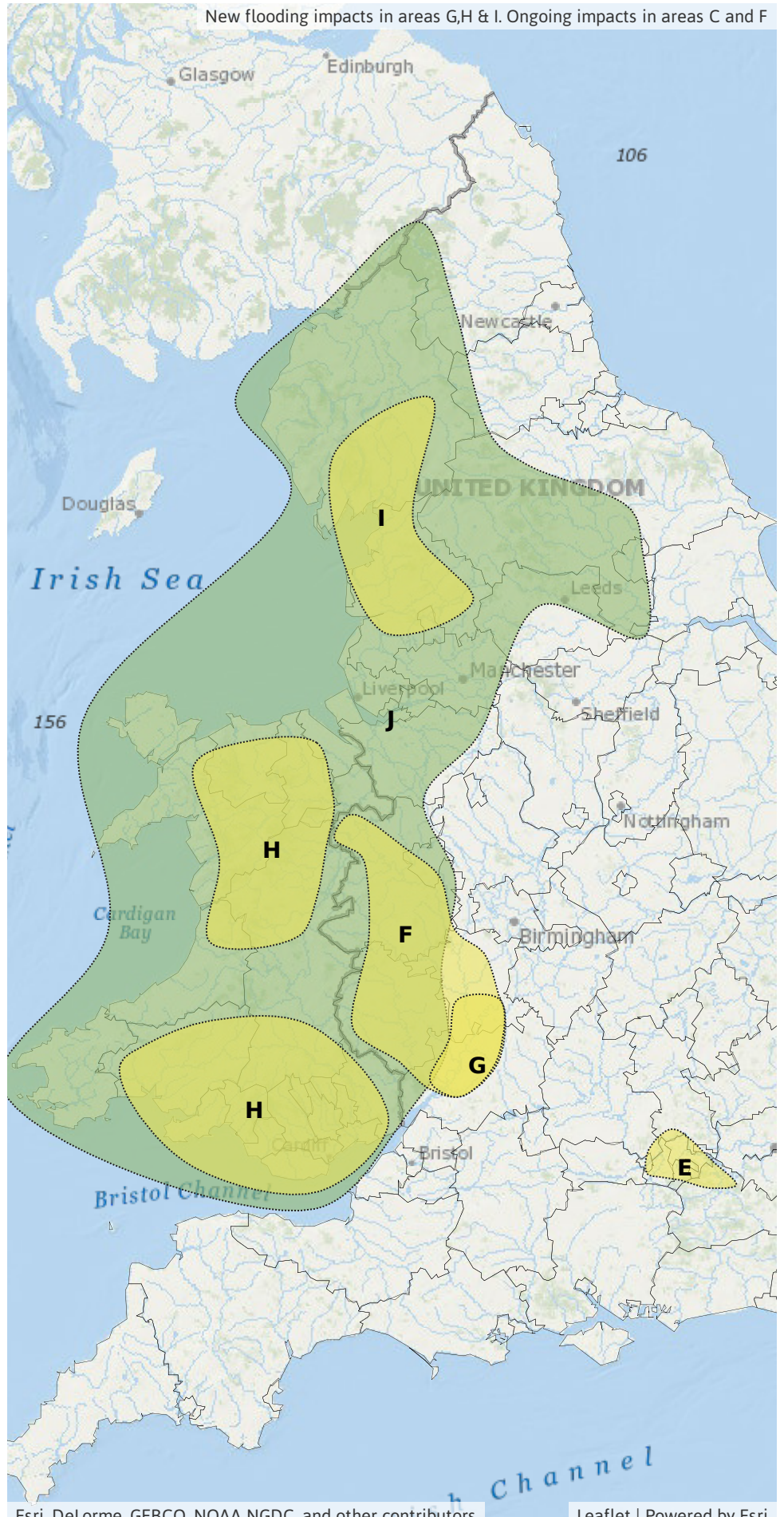
Heavy rain may cause flooding impacts

**RISK AREA J**  
Impact **MINOR**  
Likelihood **LOW**



Source River Surface  
Likely duration 2 Days

Rain falling on very responsive and saturated catchments.



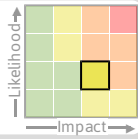
# Flood Guidance Statement

10:30hrs Wednesday 19 February 2020

### Specific Areas of Concern Map 3: Friday 21 to Saturday 22 February

#### RISK AREA F

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

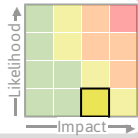


Source River  
Likely duration 2 Days

Ongoing flooding impacts along the lower River Severn.

#### RISK AREA K

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

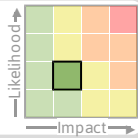


Source River Surface  
Likely duration 3 Days

Heavy rain Fri to Sat leading to renewed flooding impacts.

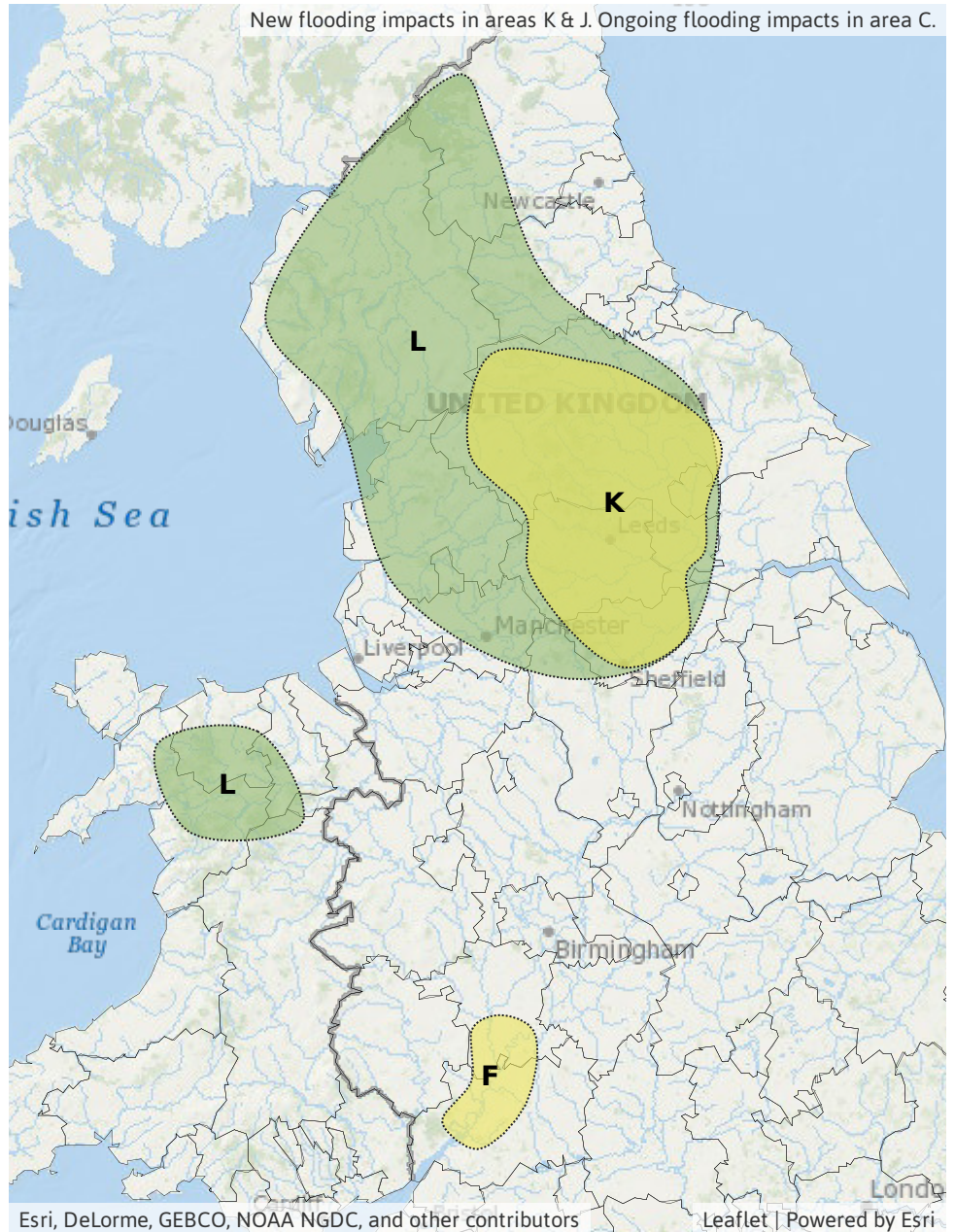
#### RISK AREA L

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



Source River Surface  
Likely duration 2 Days

Rain Fri to Sat falling on very responsive and saturated catchments.

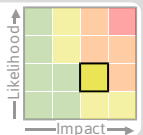


# Flood Guidance Statement

10:30hrs Wednesday 19 February 2020

## Specific Areas of Concern Map 4: Sunday 23 February

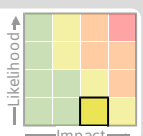
**RISK AREA F**  
Impact **SIGNIFICANT**  
Likelihood **LOW**



Source River  
Likely duration 2 Days

Ongoing flooding impacts along the lower River Severn.

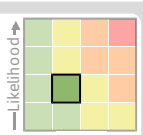
**RISK AREA K**  
Impact **SIGNIFICANT**  
Likelihood **VERY LOW**



Source River  
Likely duration 3 Days

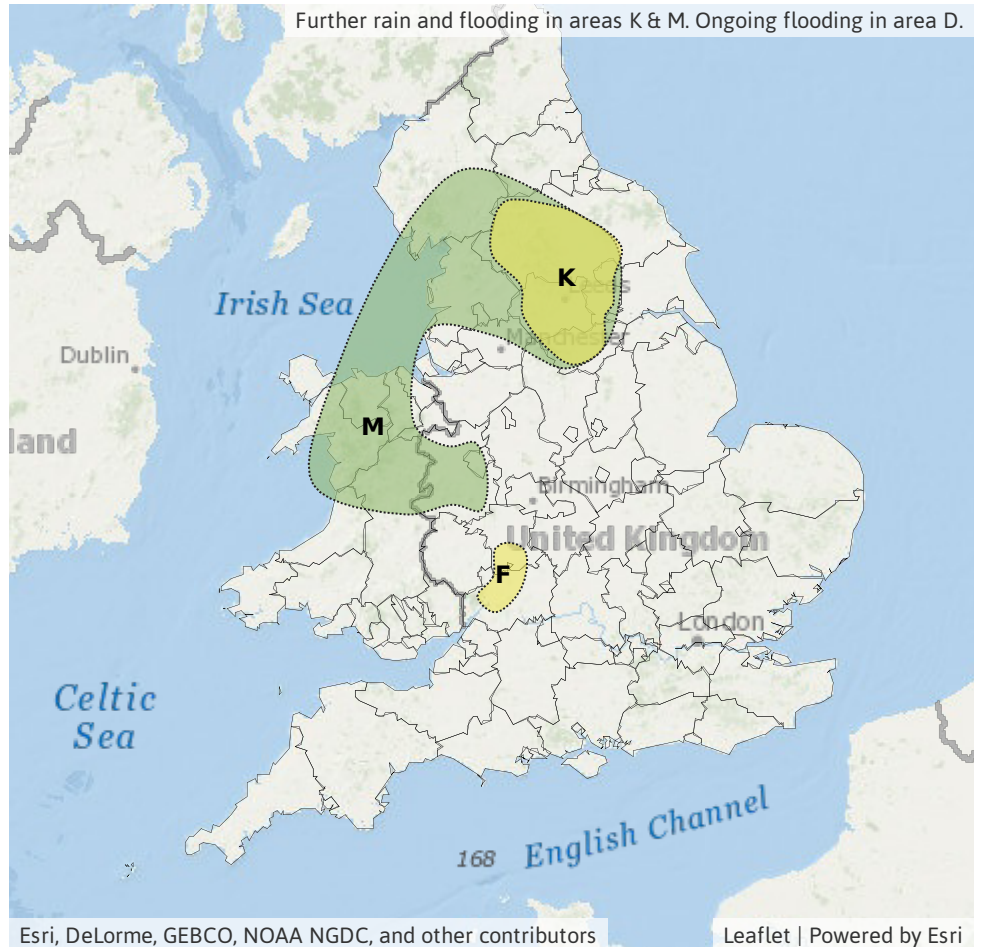
Potential for ongoing & renewed river flooding impacts.

**RISK AREA M**  
Impact **MINOR**  
Likelihood **LOW**



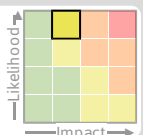
Source River Surface  
Likely duration 1 Day

Further heavy rain may exacerbate existing flooding



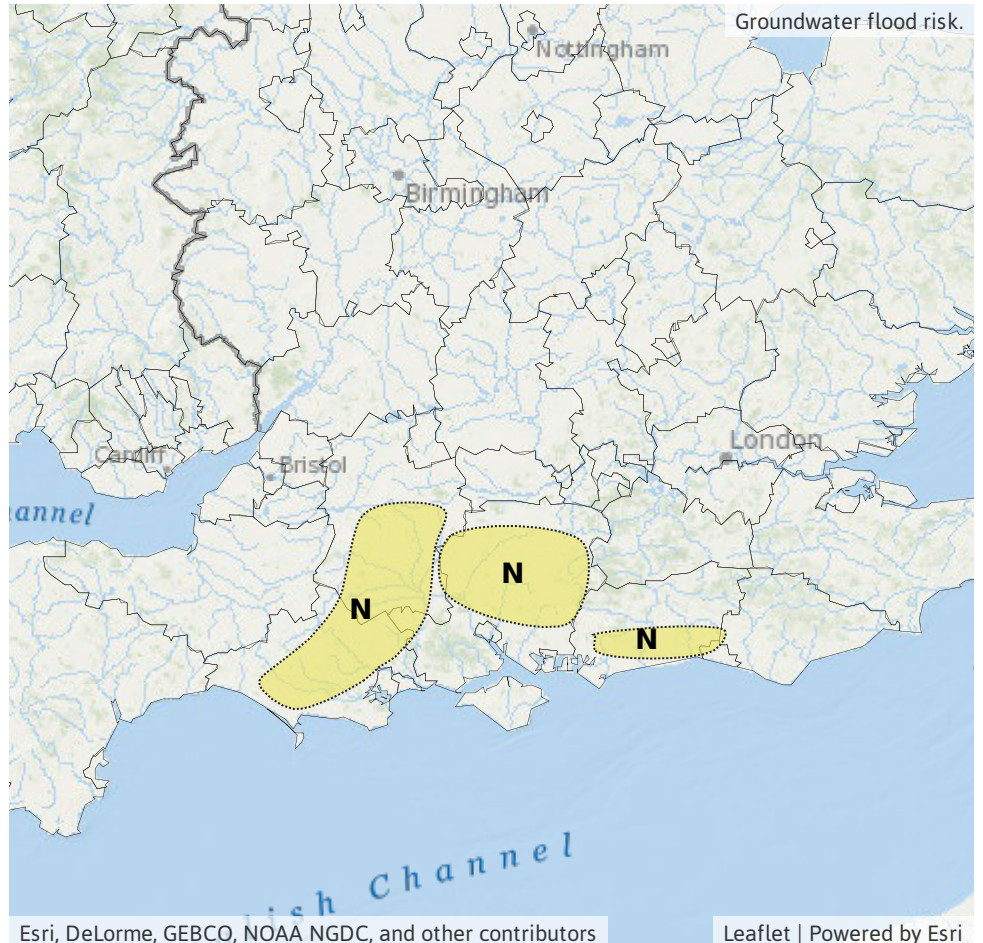
## Specific Areas of Concern Map 5: Wednesday 19 to Sunday 23 February 2020

**RISK AREA N**  
Impact **MINOR**  
Likelihood **HIGH**



Source Ground  
Likely duration 5 + Days

Localised groundwater flooding impacts.



## Assessment of flood risk



### Rivers

The overall river flood risk is MEDIUM.

Ongoing significant river flooding impacts are expected on the Rivers Severn, lower Avon (Gloucestershire) and lower Wye today (Wednesday). Ongoing river flooding impacts are probable for the lower Severn and across several other catchments across England, some continuing throughout the next five days - see maps for details.

New significant river flooding impacts are possible across parts of Wales and north west England later today and on Thursday, due to heavy rain on already saturated catchments. Minor river flooding impacts are also possible more widely across these areas.

Further spells of rain into northern England and Wales from Friday onwards may lead to further significant river flooding impacts in some of these areas, with minor impacts possible more widely. See maps for details.



### Surface water

The overall surface water flood risk is LOW.

Significant surface water flooding impacts are possible across parts of Wales and north-west England later today and on Thursday, due to heavy rain falling on saturated ground. Minor flooding impacts are also possible more widely.

Further significant surface water impacts are possible but not expected for parts of the north of England on Friday and into Saturday due to heavy rain on saturated ground. Minor impacts are possible elsewhere in the north of England and the north of Wales on Friday to Saturday, and again on Sunday. See maps for details.



### Groundwater

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

Minor groundwater flooding impacts are expected in parts of the south of England for at least the next five days. Groundwater levels also remain high in parts of North Lincolnshire, although impacts are currently minimal.



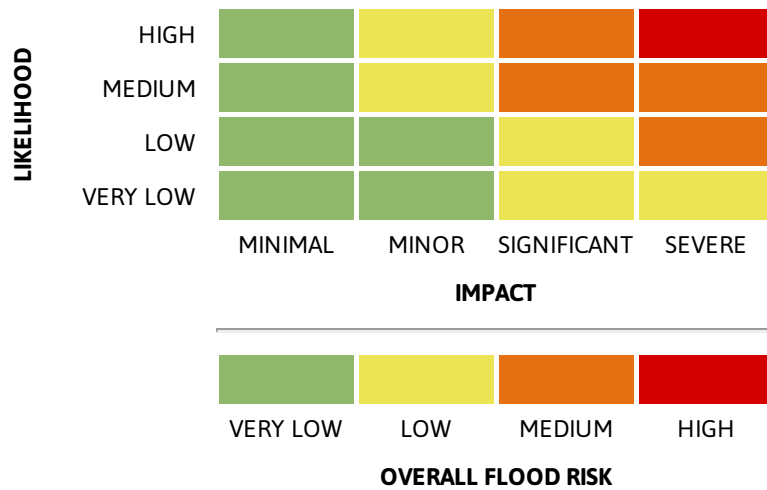
### Coastal/Tidal

The coastal/tidal flood risk is VERY LOW for the next five days. Large waves and strong winds will affect some coasts at times but only minimal impacts are expected.

### 6-10 day forecast

Further heavy rain is possible in this period. This may fall on sensitive catchments that are currently flooded leading to a risk of further flooding impacts.

### 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 Wednesday 19 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>