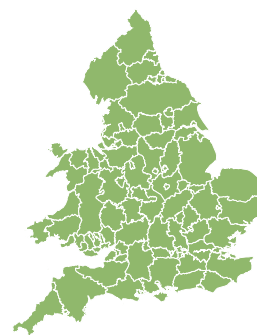
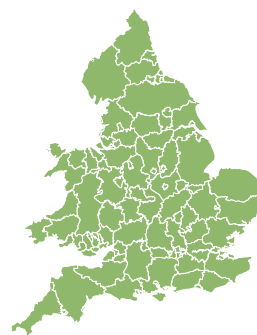
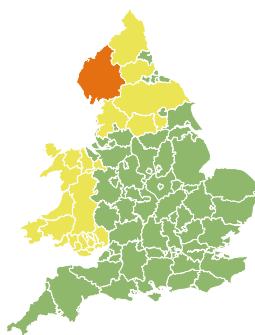
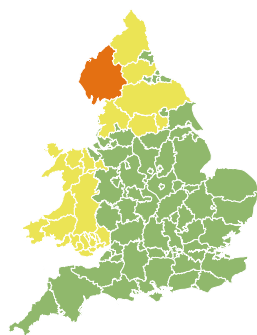
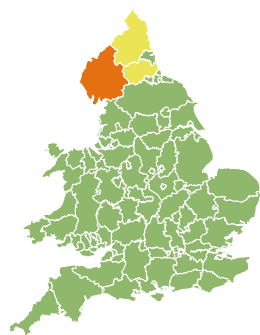


# Flood Guidance Statement

15:00hrs Wednesday 27 October 2021

FLOODFORECASTINGCENTRE

a working partnership between Environment Agency Met Office



Wednesday

27 Oct 2021 15:00-23:59

Trend since last FGS

Steady



Thursday

28 Oct 2021

Steady



Friday

29 Oct 2021

Steady



Saturday

30 Oct 2021

Steady



Sunday

31 Oct 2021

Steady



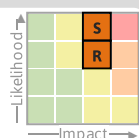
Significant inland flooding impacts are expected in Cumbria and are possible but not expected in other parts of the north-west of England from Wednesday (today) to Friday. The overall flood risk is MEDIUM.

## Specific Areas of Concern Map 1: Wednesday 27 October 2021

### RISK AREA A

Impact **SIGNIFICANT**

Likelihood **HIGH**



Source River Surface

Likely duration 3 Days

Significant inland flooding due to prolonged, very heavy rainfall.

### RISK AREA B

Impact **SIGNIFICANT**

Likelihood **VERY LOW**



Source River Surface

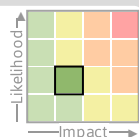
Likely duration 1 Day

Significant inland flooding due to prolonged, very heavy rainfall.

### RISK AREA C

Impact **MINOR**

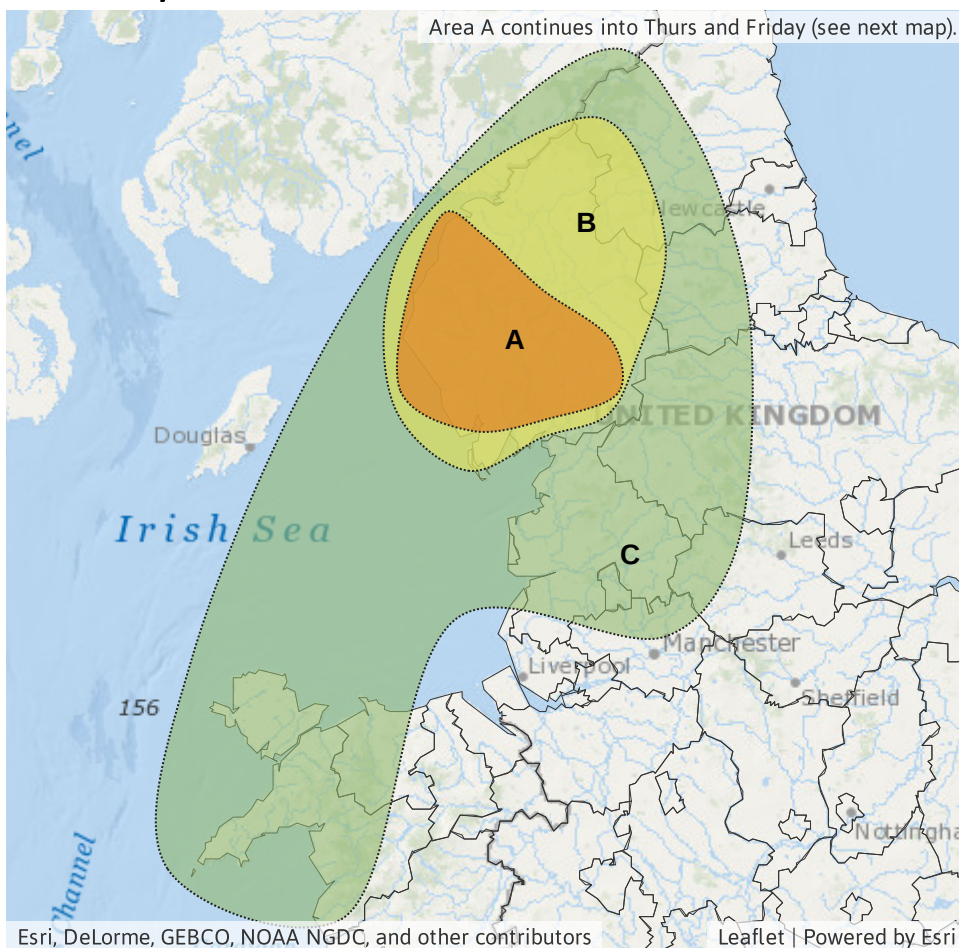
Likelihood **LOW**



Source River Surface

Likely duration 1 Day

Persistent rain, heavy at times, could lead to minor inland flood impacts.



# Flood Guidance Statement

15:00hrs Wednesday 27 October 2021

FLOODFORECASTINGCENTRE

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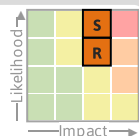


## Specific Areas of Concern Map 2: Thursday 28 and Friday 29 October 2021

### RISK AREA A

Impact **SIGNIFICANT**

Likelihood **HIGH**



Source River Surface

Likely duration 3 Days

Significant inland flooding on Thursday.

River risk only on Friday.

### RISK AREA D

Impact **SIGNIFICANT**

Likelihood **VERY LOW**



Source River Surface

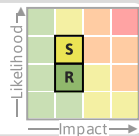
Likely duration 2 Days

Persistent heavy rain may lead to significant inland flood impacts.

### RISK AREA E

Impact **MINOR**

Likelihood **MEDIUM**



Source River Surface

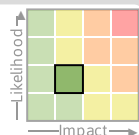
Likely duration 2 Days

Prolonged heavy rain leading to minor inland flooding impacts.

### RISK AREA F

Impact **MINOR**

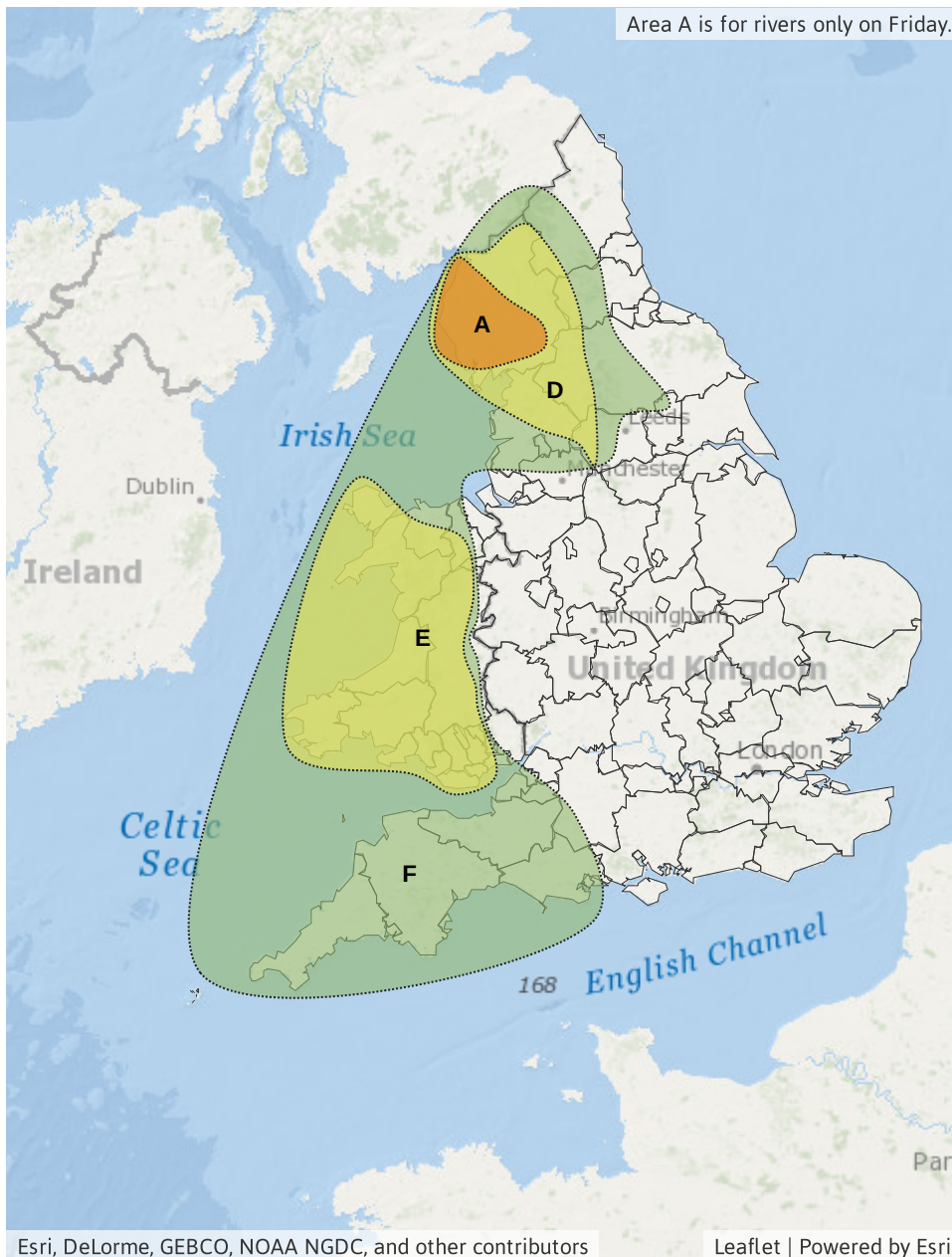
Likelihood **LOW**



Source River Surface

Likely duration 2 Days

Periods of heavy rain, persistent at times, and ongoing downstream river response.



# Flood Guidance Statement


15:00hrs Wednesday 27 October 2021

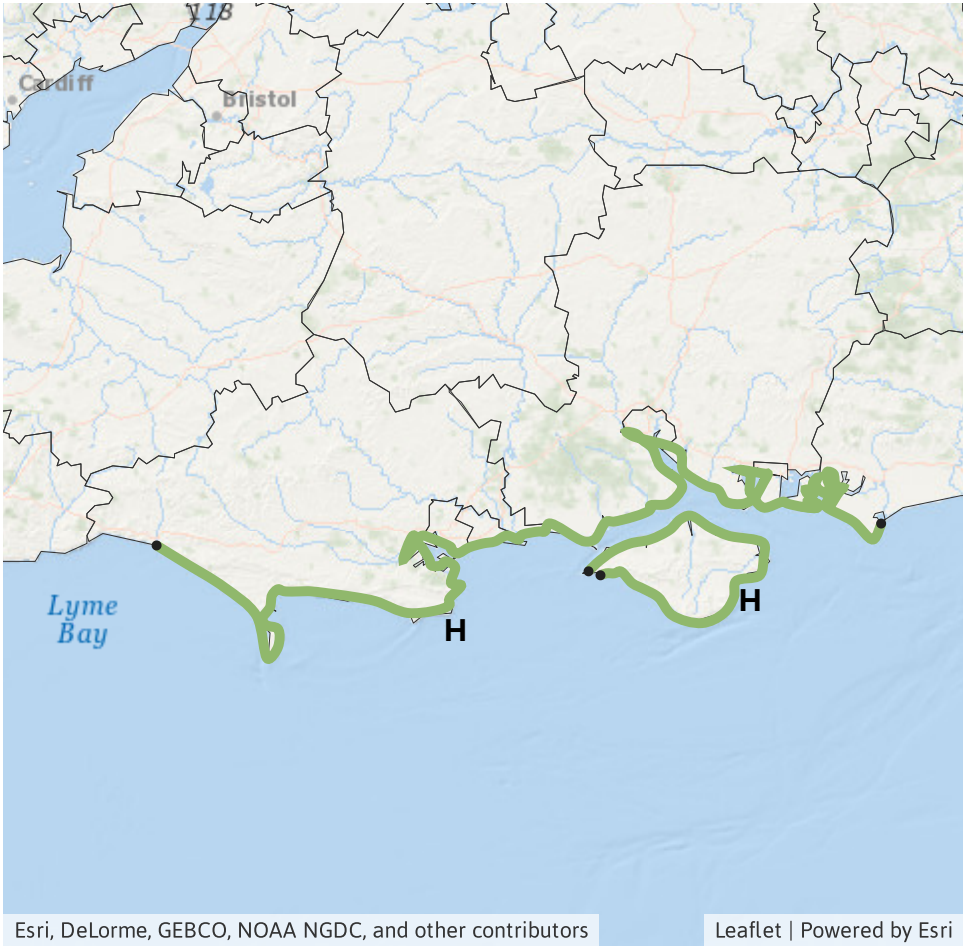
## Specific Areas of Concern Map 3: Saturday 30 October 2021

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

Source Coastal/Tidal  
Likely duration 1 Day

Potential for very strong winds, surge and large waves on Saturday morning.





## Assessment of flood risk



### Rivers

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The river flood risk is MEDIUM for Wednesday, Thursday and Friday and VERY LOW for Saturday and Sunday.

A slow moving band of heavy and persistent rain from Wednesday through to Friday will bring a risk of river flooding, which may lead to significant impacts for some parts of north-west England with minor impacts over other parts of England and Wales. Refer to Specific Areas of Concern maps for details.

Minor river flooding impacts are also possible but not expected across other parts of England and Wales from Thursday to Sunday with the locations having experienced successive bouts of rain in previous days most sensitive to further impacts.



### Surface water

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The surface water flood risk is MEDIUM for Wednesday and Thursday and VERY LOW for Friday, Saturday and Sunday.

A slow moving band of heavy and persistent rain from Wednesday through to Friday will bring a risk of surface water flooding, which may lead to significant impacts for some parts of north-west England with minor impacts over other parts of England and Wales. Refer to Specific Areas of Concern maps for details.

Minor surface water flooding impacts are also possible but not expected across other parts of England and Wales from Thursday to Sunday with the locations having experienced successive bouts of rain in previous days most sensitive to further impacts.



### Coastal/Tidal

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

Minor coastal flooding impacts are possible on Saturday due to the potential for very strong winds, large waves and a large surge. See Specific Areas of Concern Map for details.

Minor coastal flooding impacts are possible but not expected on Saturday for parts of southern England and south east England due to the potential for very strong winds, large waves and a large surge.



### Groundwater

---

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



# Flood Guidance Statement

15:00hrs Wednesday 27 October 2021

FLOODFORECASTINGCENTRE

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## Flood risk matrix

| LIKELIHOOD         | HIGH     |          |       |             |        |
|--------------------|----------|----------|-------|-------------|--------|
|                    | MEDIUM   |          |       |             |        |
|                    | LOW      |          |       |             |        |
|                    | VERY LOW |          |       |             |        |
|                    |          | MINIMAL  | MINOR | SIGNIFICANT | SEVERE |
| IMPACT             |          |          |       |             |        |
|                    |          |          |       |             |        |
|                    |          |          |       |             |        |
|                    |          | VERY LOW | LOW   | MEDIUM      | HIGH   |
| OVERALL FLOOD RISK |          |          |       |             |        |

## 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 27 October 2021 (all times are local)**

Contact details **Flood Forecasting Centre Duty Hydrometeorologist - 0330 135 4400**

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