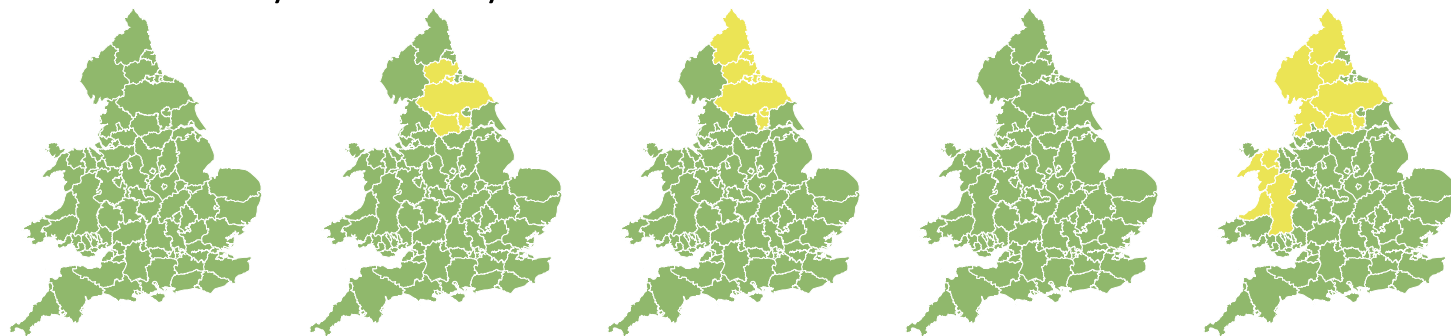


Flood Guidance Statement

10:30hrs Tuesday 21 February 2017

FLOODFORECASTINGCENTRE

a working partnership between Environment Agency | Met Office



Tuesday

21 Feb 2017 10:30-23:59

Trend since last FGS

Steady



Wednesday

22 Feb 2017

Increased



Thursday

23 Feb 2017

Increased



Friday

24 Feb 2017

Steady



Saturday

25 Feb 2017

Increased



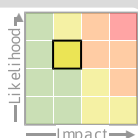
The flood risk is LOW on Wednesday, Thursday and Saturday across parts of northern England and in parts of Wales on Saturday due to successive periods of heavy and persistent rainfall.

Specific Areas of Concern Map for Wednesday 22 February.

RISK AREA **A**

Impact **MINOR**

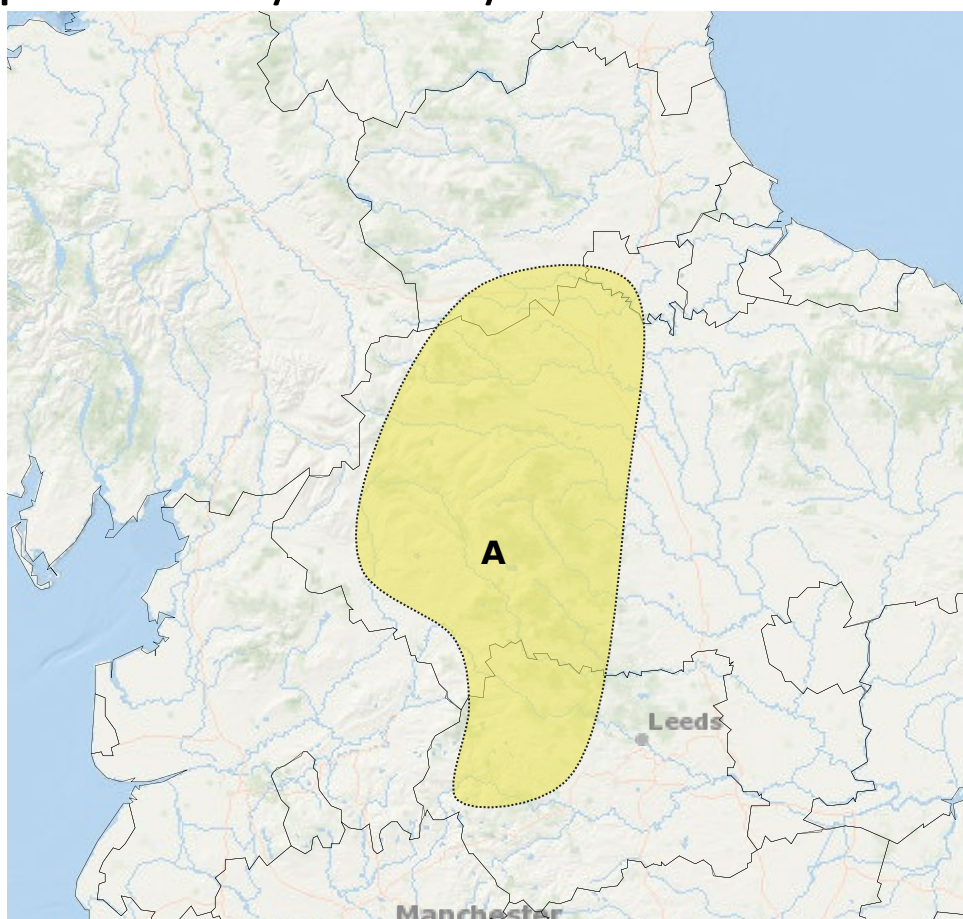
Likelihood **MEDIUM**



Source River

Likely duration 1 Day

Mainly Tees, Wharfe, Ouse, Aire and Calder catchments.

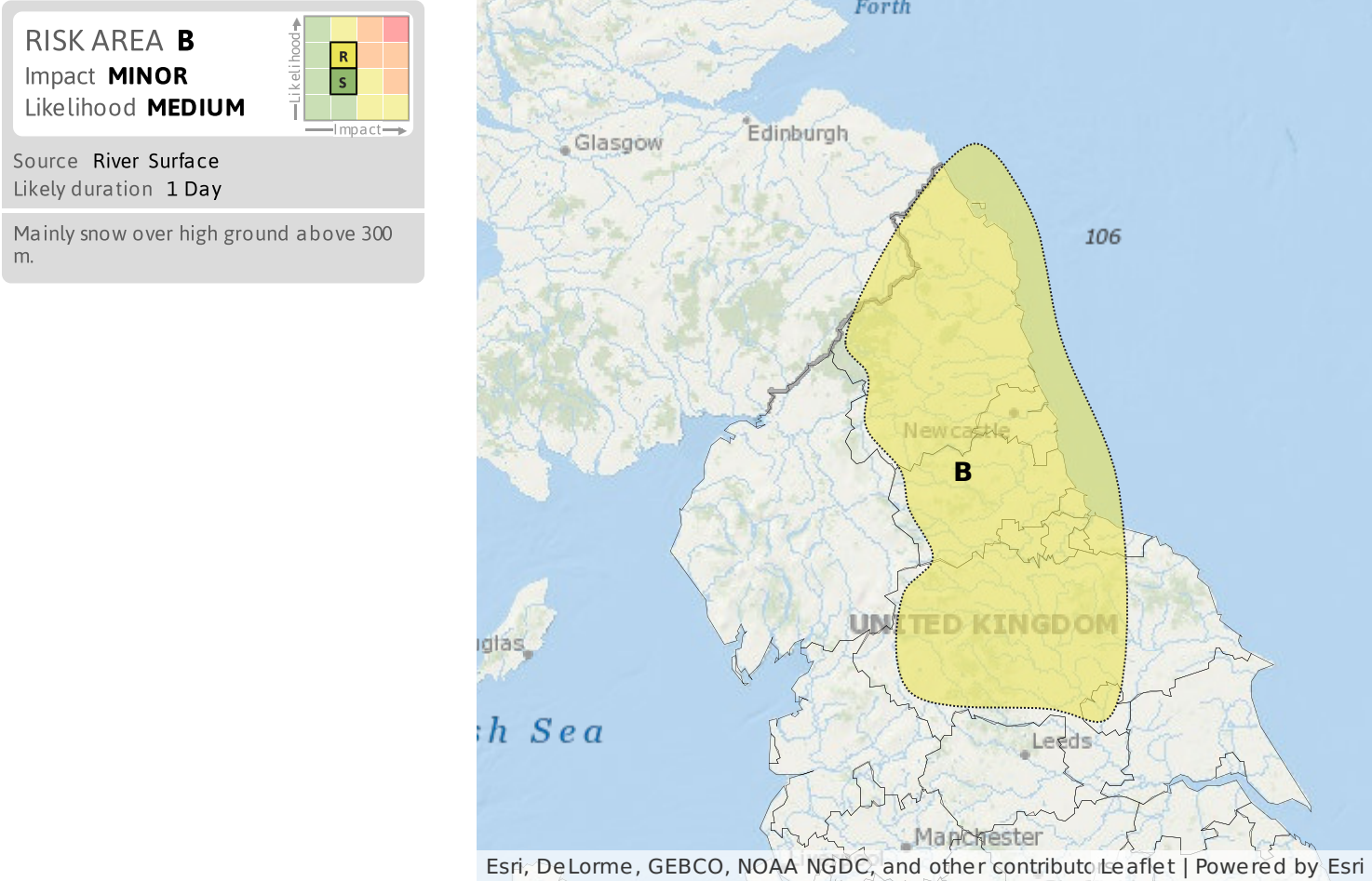


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Flood Guidance Statement

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Specific Areas of Concern Map Thursday 23 February.



Flood Guidance Statement

10:30hrs Tuesday 21 February 2017

Specific Areas of Concern Map for Saturday 25 February.

RISK AREA C

Impact **SIGNIFICANT**

Likelihood **VERY LOW**

Likelihood

Impact

Source River Surface

Likely duration 1 Day

Heavy rain combined with possible snow melt.

RISK AREA D

Impact **MINOR**

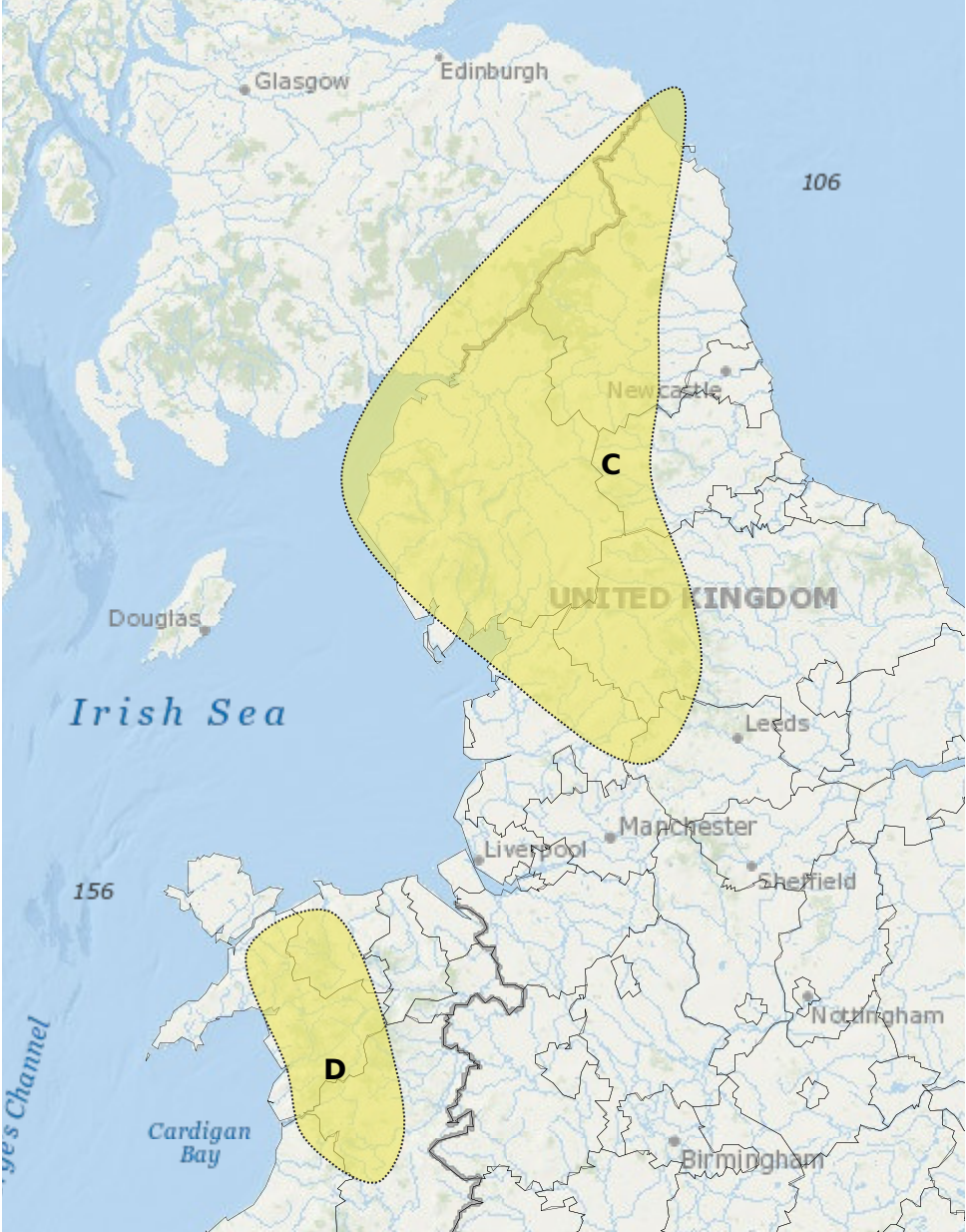
Likelihood **MEDIUM**

Likelihood

Impact

Source River Surface

Likely duration 1 Day



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Assessment of flood risk



Rivers

Rain today (Tuesday) into tomorrow (Wednesday) will 'wet up' catchments, with a chance of minor river flooding impacts across southern Pennine catchments tomorrow (Risk Area A).

On Thursday, persistent and occasionally heavy precipitation will affect the north of England. Some of this is expected to fall as snow on the hills but there is a chance of some minor river flooding impacts across the north-east of England where rain falls into sensitive catchments with already high river flows (Risk Area B). There is a low likelihood of minor impacts continuing in York through Friday.

On Saturday, there is the potential for heavy, persistent rain coupled with snowmelt across parts of the north of England to result in significant impacts (Risk Area C). Localised minor river flooding impacts are also possible across north Wales (Risk Area D).



Surface water

On Thursday, persistent and occasionally heavy precipitation will affect the north of England. This is expected to fall as snow on the hills, but there is a low likelihood of minor impacts where it falls as rain at lower levels.

On Saturday, heavy, persistent rain may fall across upland parts of the north of England (Risk Area C). Given the wet conditions during this week and the risk of some snowmelt from the mountains increasing run-off, this contributes to the potential for significant surface water flooding impacts. Localised minor surface water flooding impacts are also possible across north Wales (Risk Area D).



Coastal/Tidal

The coastal/tidal flood risk is VERY LOW for the next five days. Strong winds bring a low likelihood of minor coastal impacts along the Yorkshire coast at times between Wednesday and Friday.



Groundwater

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

Flood Guidance Statement

10:30hrs Tuesday 21 February 2017

6-10 day forecast

Remaining unsettled with periods of rain expected to fall into sensitive catchments. Strong winds may affect southern and western coastlines at times, possibly coinciding with the forthcoming spring tide period.

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 **10:30hrs Wednesday 22 February 2017 (all times are local)**

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

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