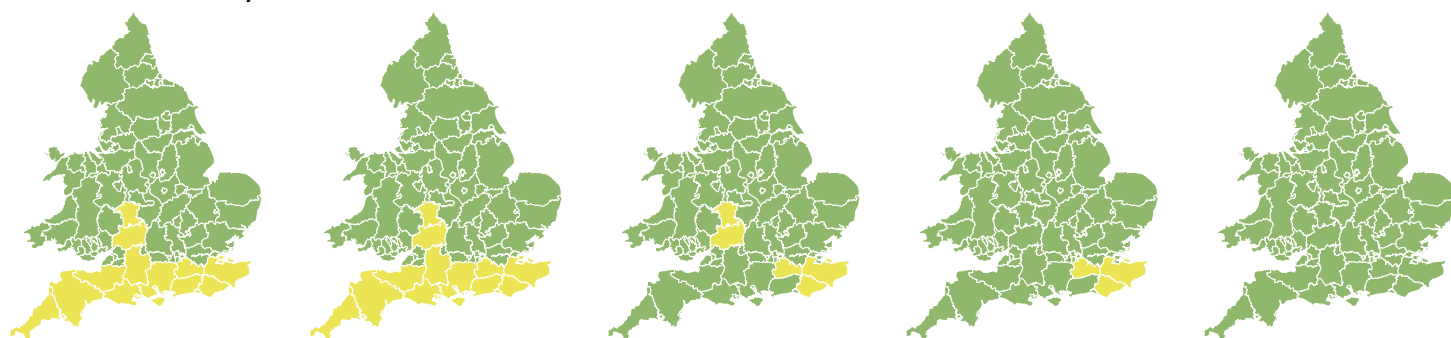


Flood Guidance Statement

10:30hrs Saturday 21 December 2019

FLOODFORECASTINGCENTRE

a working partnership between Environment Agency Met Office



Saturday

21 Dec 2019 10:30-23:59

Trend since last FGS

Steady



Sunday

22 Dec 2019

Steady



Monday

23 Dec 2019

Increased



Tuesday

24 Dec 2019

Increased



Wednesday

25 Dec 2019

Steady



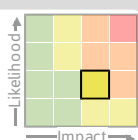
Significant river flooding impacts are possible in parts of south-east England today (Saturday) and Sunday. Minor inland impacts are probable more widely through parts of the south of England. The overall flood risk is LOW. See end of FGS for 6-10 forecast.

Specific Areas of Concern Map 1: Saturday 21 and Sunday 22 December 2019

RISK AREA A

Impact **SIGNIFICANT**

Likelihood **LOW**



Source River

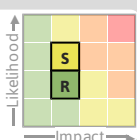
Likely duration 2 Days

Ongoing significant river flooding today and Sunday on the Medway, Mole and Stour.

RISK AREA B

Impact **MINOR**

Likelihood **MEDIUM**



Source River Surface

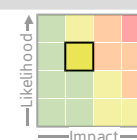
Likely duration 2 Days

Impacts today and Sunday from further heavy rain on already saturated ground.

RISK AREA C

Impact **MINOR**

Likelihood **MEDIUM**



Source River Surface

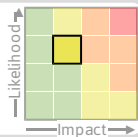
Likely duration 2 Days

Impacts today and Sunday from further heavy rain on already saturated ground.

RISK AREA D

Impact **MINOR**

Likelihood **MEDIUM**



Source River

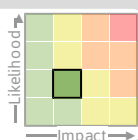
Likely duration 3 Days

Flooding impacts Saturday to Monday on the lower and middle River Severn.

RISK AREA E

Impact **MINOR**

Likelihood **LOW**



Source River Surface

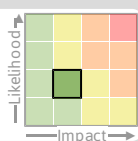
Likely duration 2 Days

Local impacts possible from heavy rain on wet or saturated catchments.

RISK AREA F

Impact **MINOR**

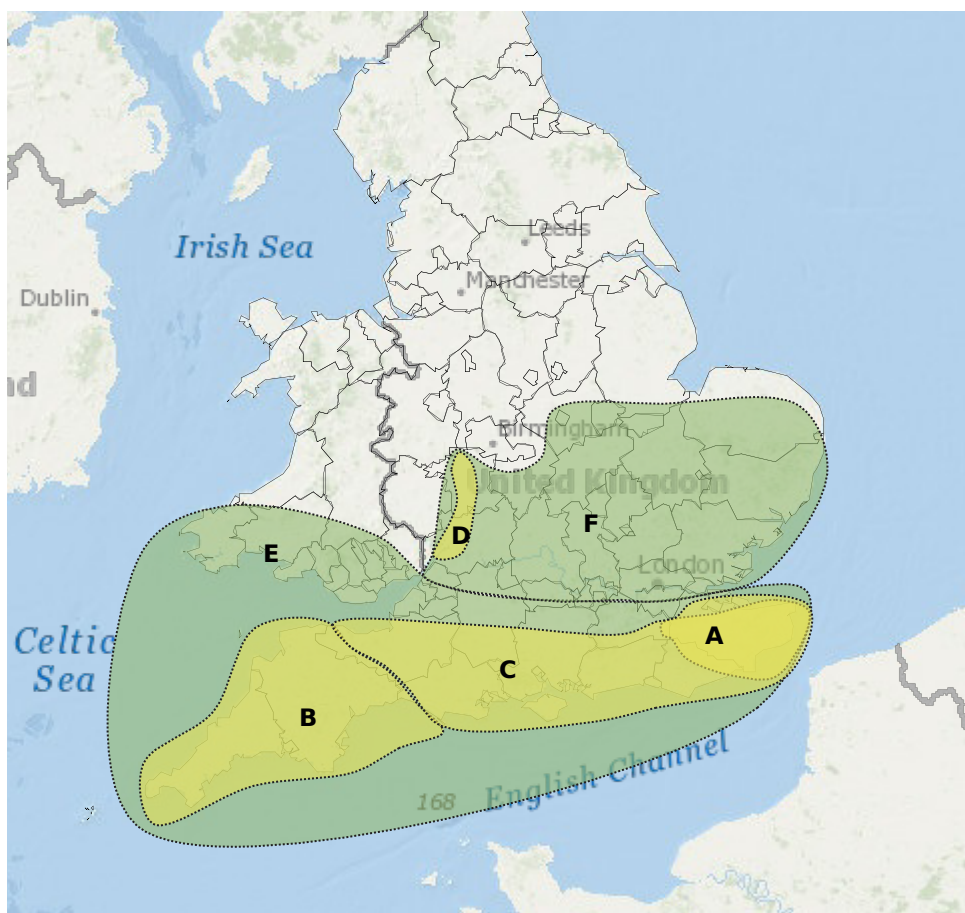
Likelihood **LOW**



Source River

Likely duration 1 Day

Ongoing river response today to previous rainfall.



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

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Flood Guidance Statement

10:30hrs Saturday 21 December 2019

Specific Areas of Concern Map 2: Monday 23 to Tuesday 24 December

RISK AREA D

Impact **MINOR**
Likelihood **MEDIUM**



Source River
Likely duration 3 Days

Flooding impacts Saturday to Monday on the lower and middle River Severn .

RISK AREA G
Impact **MINOR**
Likelihood **HIGH**

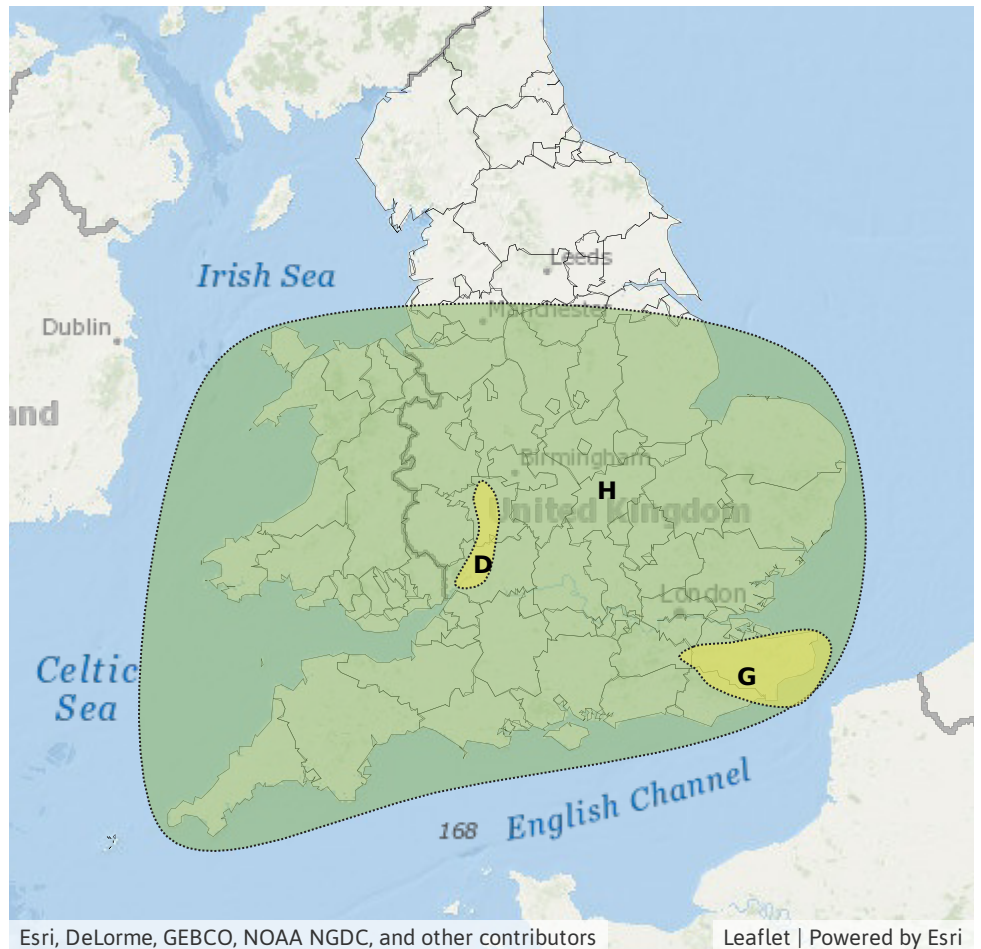
Source River
Likely duration 2 Days

Ongoing river flooding impacts Monday and Tuesday with additional rainfall.

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

Source River Surface
Likely duration 2 Days

Flooding impacts possible from heavy rain on already wet ground and catchments



Assessment of flood risk



Rivers

The river flood risk is LOW.

Ongoing significant river flooding is possible in parts of south-east England today (Saturday) and on Sunday as rivers respond to previous rainfall, with some additional contribution from new rainfall tonight. Minor river flooding impacts are probable in other parts of south-east England and along the middle and lower River Severn until Sunday. Ongoing minor impacts are possible more widely today.

Minor river flooding impacts are possible in parts of England and Wales on Monday and Tuesday due to further outbreaks of rain, and are expected to continue through sensitive catchments in the south-east of England as rivers respond to previous rainfall.



Surface water

The surface water flood risk is LOW.

Minor surface water flooding impacts are probable in parts of the south of England through the weekend, and possible more widely. Saturated ground following recent rainfall means impacts may occur after only further modest amounts of rainfall today and tonight.

Further minor surface water impacts are possible in parts of England and Wales on Monday and Tuesday due to outbreaks of rain.



Coastal/Tidal

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

Minor coastal flooding impacts are possible but not expected for parts of the English Channel coast at times from today (Saturday) through to Tuesday. This is due to the possibility of strong winds 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 rising in Hampshire and West Dorset and minor impacts are possible but not expected over the next five days. Groundwater levels are also high in North Lincolnshire and West Sussex.

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6-10 day forecast

There is the potential for further unsettled weather at first in this period to bring inland or local coastal flooding issues. Confidence is currently very low however.

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 Sunday 22 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>**