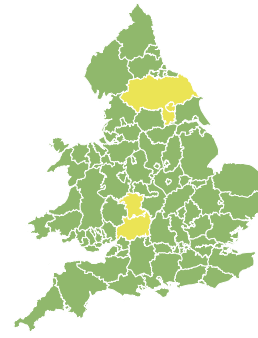
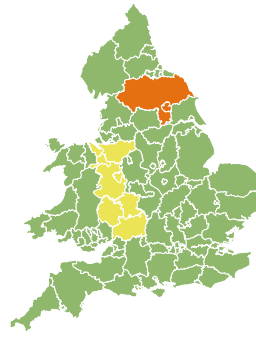
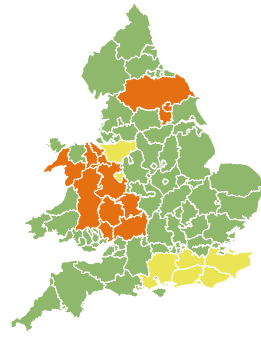
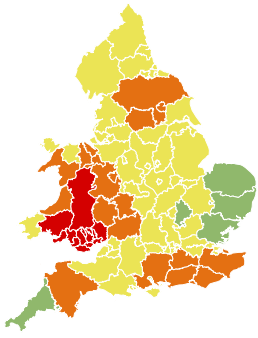


Flood Guidance Statement

10:30hrs Sunday 16 February 2020



Sunday

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

Increased ↑

Monday

17 Feb 2020

Increased ↑

Tuesday

18 Feb 2020

Steady →

Wednesday

19 Feb 2020

Steady →

Thursday

20 Feb 2020

Increased ↑

The overall flood risk is HIGH. Severe flooding impacts are occurring in parts of South Wales due to Storm Dennis today. Significant river and surface water flooding is probable in other areas. See end of FGS for 6-10 day forecast.

Specific Areas of Concern Map 1: Sunday 16 February 2020

RISK AREA A
Impact **SEVERE**
Likelihood **HIGH**

Source River Surface
Likely duration 1 Day

Severe river and surface water impacts are occurring.

RISK AREA B
Impact **SIGNIFICANT**
Likelihood **MEDIUM**

Source River
Likely duration 3 Days

Rivers responding to recent rainfall.

RISK AREA C
Impact **SIGNIFICANT**
Likelihood **MEDIUM**

Source River Surface
Likely duration 2 Days

Significant impacts probable on Sunday. Minor river impacts probable on Monday.

RISK AREA D
Impact **SIGNIFICANT**
Likelihood **MEDIUM**

Source Surface
Likely duration 1 Day

Heavy rain continuing on Sunday morning.

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

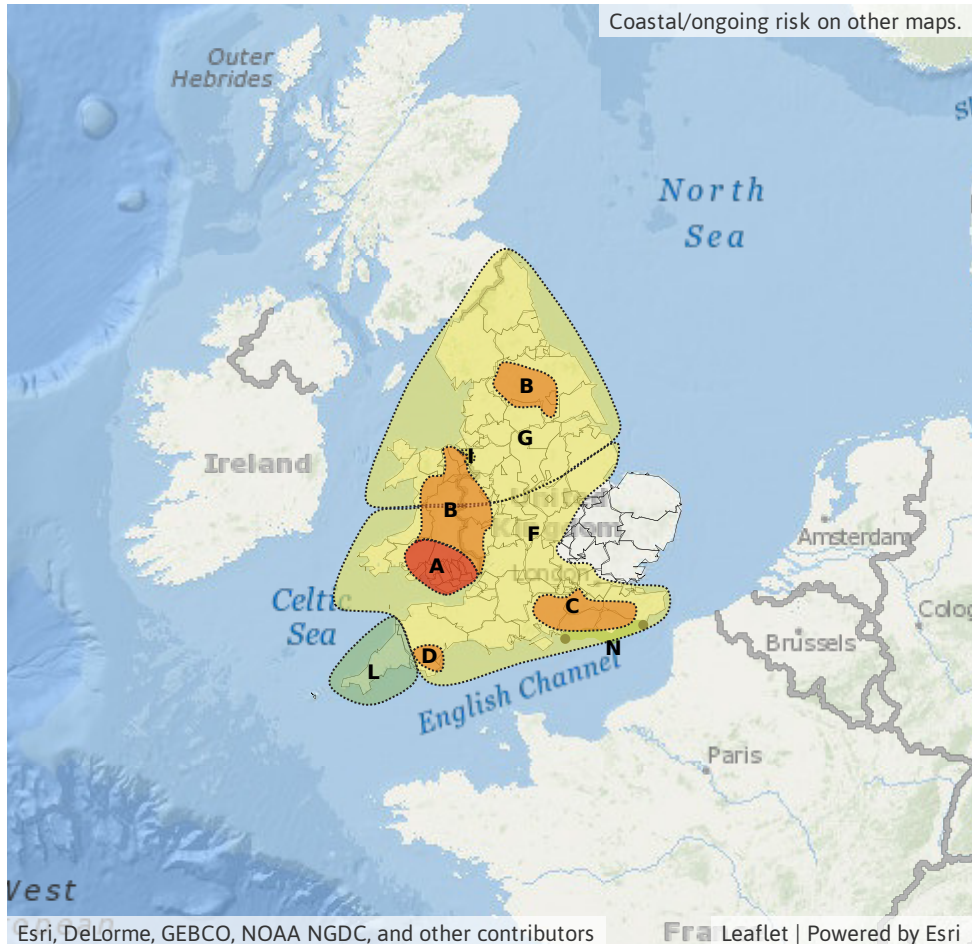
Source River Surface
Likely duration 1 Day

Widespread heavy rain falling on sensitive catchments.

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

Source River
Likely duration 1 Day

Rivers responding to recent rainfall.

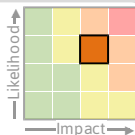


Flood Guidance Statement

10:30hrs Sunday 16 February 2020

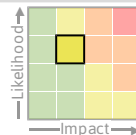
Specific Areas of Concern Map 2: Monday 17 February 2020

RISK AREA B
Impact **SIGNIFICANT**
Likelihood **MEDIUM**



Source River
Likely duration 3 Days

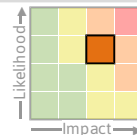
RISK AREA C
Impact **MINOR**
Likelihood **MEDIUM**



Source River
Likely duration 2 Days

Ongoing minor river flooding impacts on Monday only.

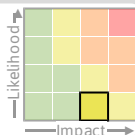
RISK AREA E
Impact **SIGNIFICANT**
Likelihood **MEDIUM**



Source River
Likely duration 2 Days

Ongoing significant impacts probable along slow-responding rivers.

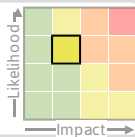
RISK AREA H
Impact **SIGNIFICANT**
Likelihood **VERY LOW**



Source River
Likely duration 2 Days

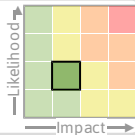
Ongoing significant impacts possible along slow-responding rivers.

RISK AREA I
Impact **MINOR**
Likelihood **MEDIUM**



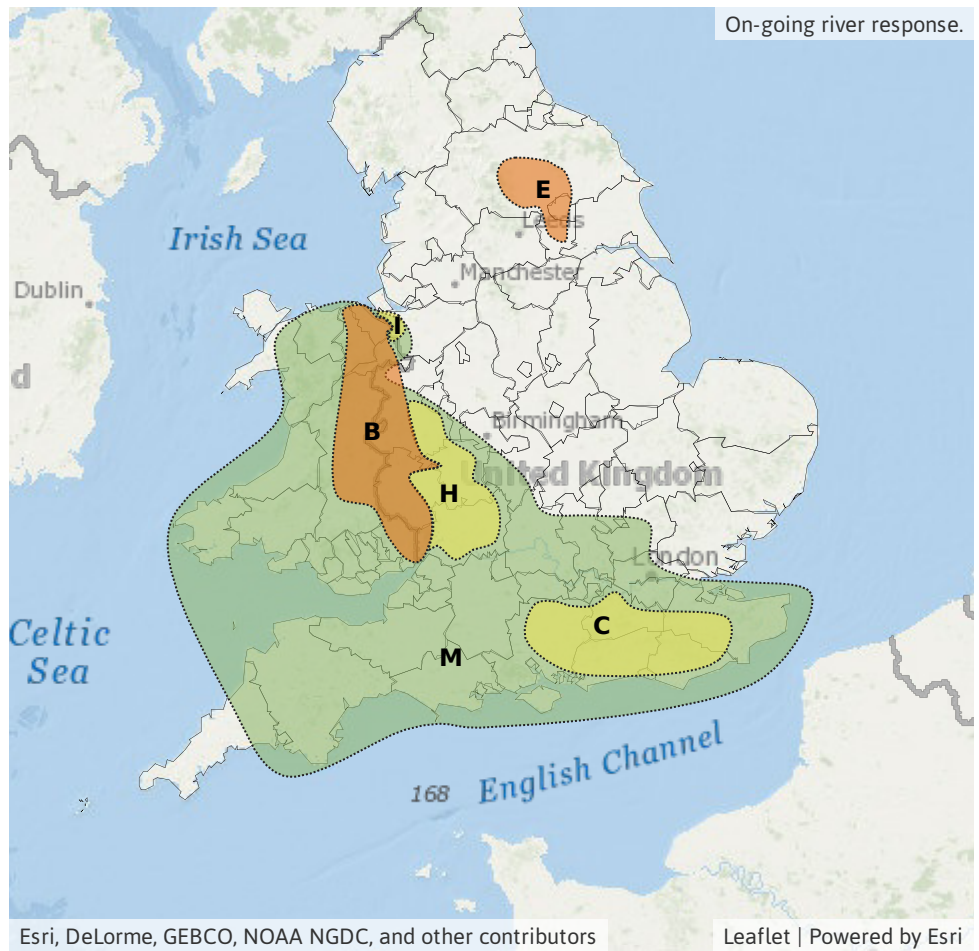
Source River
Likely duration 2 Days

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



Source River
Likely duration 2 Days

Ongoing minor impacts possible, especially along slower responding rivers.



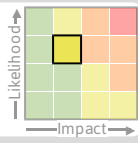
Flood Guidance Statement

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Specific Areas of Concern Map 3: Tuesday 18 February 2020

RISK AREA B

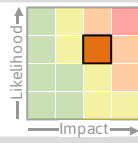
Impact **MINOR**
Likelihood **MEDIUM**



Source River
Likely duration 3 Days

RISK AREA E

Impact **SIGNIFICANT**
Likelihood **MEDIUM**

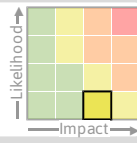


Source River
Likely duration 2 Days

Ongoing significant impacts probable along slow-responding rivers.

RISK AREA H

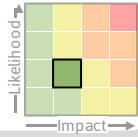
Impact **SIGNIFICANT**
Likelihood **VERY LOW**



Source River
Likely duration 2 Days

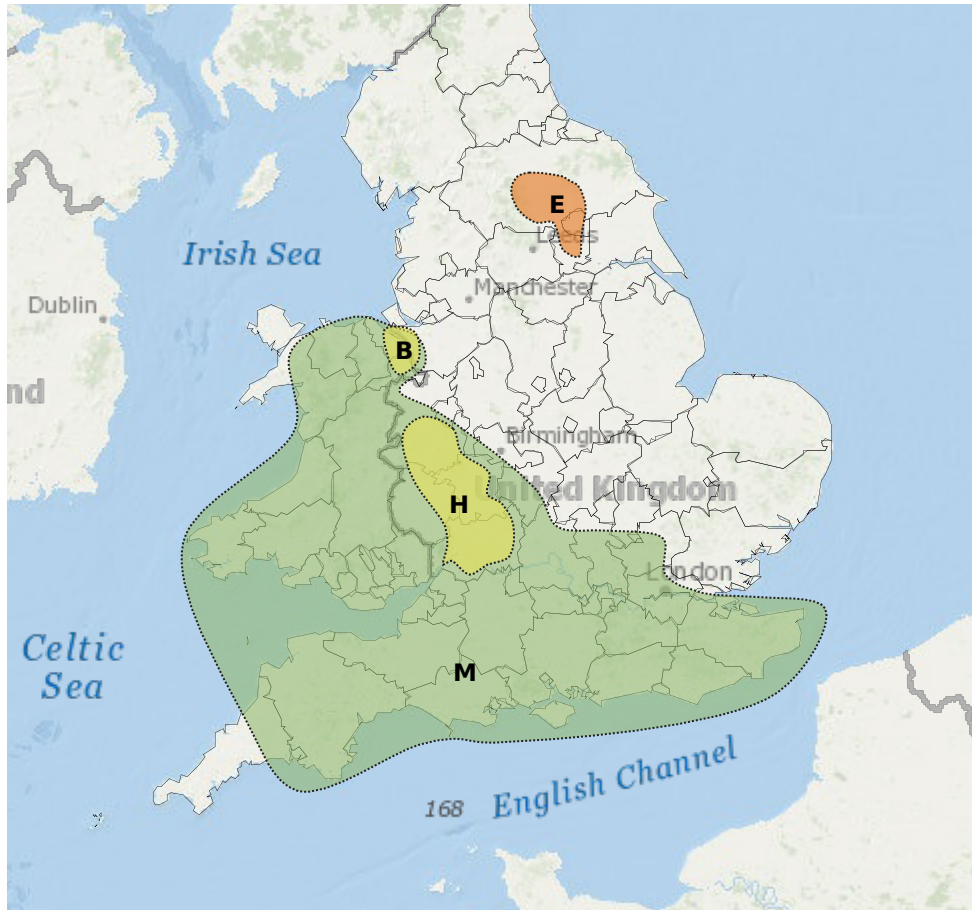
RISK AREA M

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



Source River
Likely duration 2 Days

Ongoing minor impacts possible, especially along slower responding rivers.



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


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Flood Guidance Statement

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Specific Areas of Concern Map 4: Wednesday 19 February

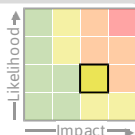
RISK AREA J
Impact **SIGNIFICANT**
Likelihood **VERY LOW**



Source River
Likely duration 1 Day

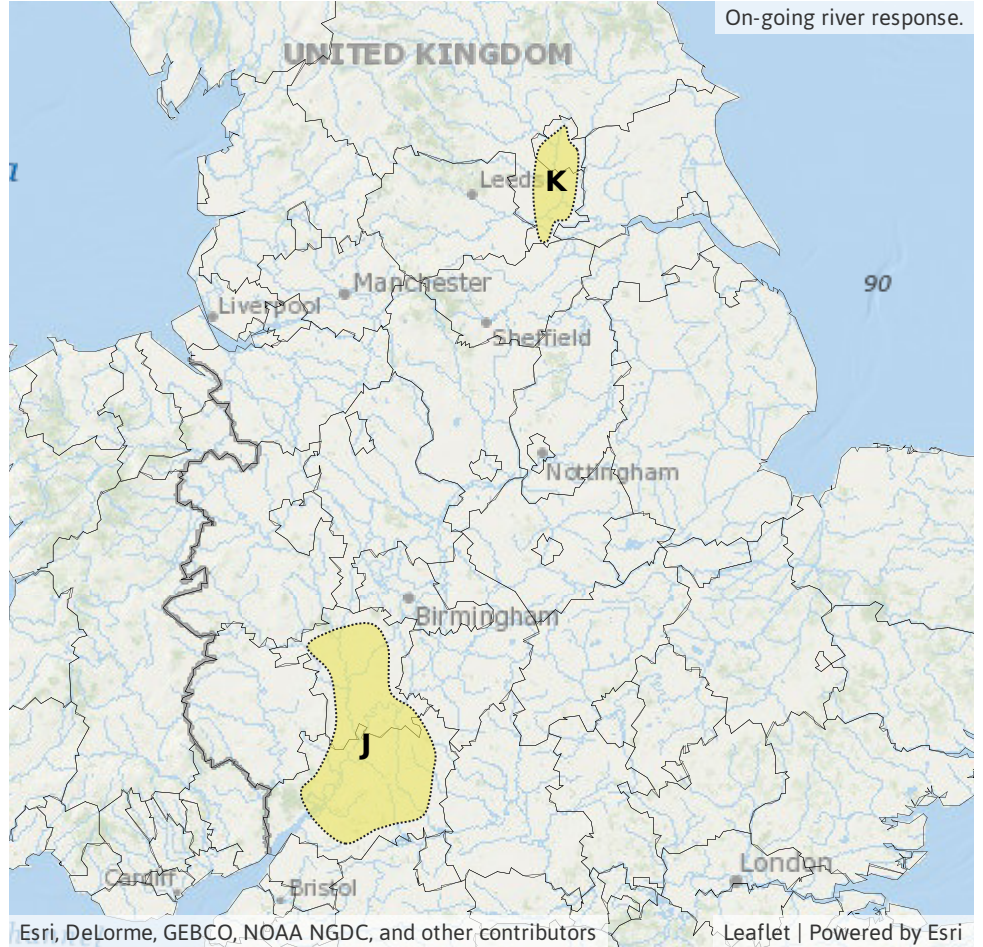
Ongoing significant impacts continuing into Wednesday along the Severn and Avon.

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



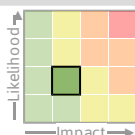
Source River
Likely duration 1 Day

On-going impacts on the River Ouse in York.



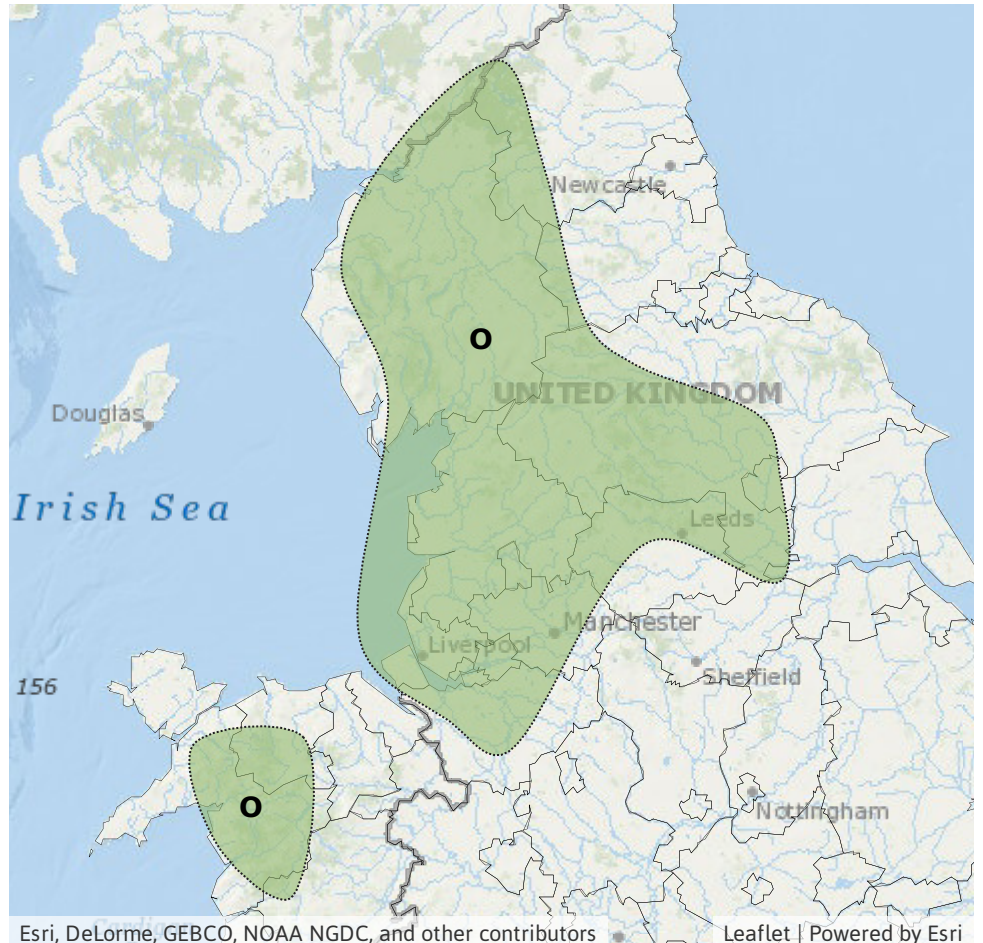
Specific Areas of Concern Map 5: Later Wednesday 19 to Thursday 20 February 2020

RISK AREA O
Impact **MINOR**
Likelihood **LOW**



Source River Surface
Likely duration 1 Day

Rain falling on very responsive and saturated catchments.



Assessment of flood risk



Rivers

The river flood risk is HIGH on Sunday.

Persistent, heavy rain from Storm Dennis continues to fall on responsive catchments across much of England and Wales. Severe river flooding impacts are expected to continue in parts of South Wales today (Sunday). Significant river flooding is also probable today across many parts of Wales, the English Welsh border area and the north of England as well as across parts of the south-east of England. Significant impacts are possible across much of the rest of England and Wales too.

Significant river flooding impacts may continue into the middle of the week on larger rivers including the Yorkshire Ouse, the River Dee, Severn and Avon (Gloucestershire). Ongoing minor river flooding impacts are also probable in the south east of England and possible more widely across the south of England on Monday and locally into Tuesday as other rivers continue responding to recent rainfall.

Further minor river flooding impacts are possible across parts of the north of England and north Wales later on Wednesday into Thursday from heavy rain falling on already saturated river catchments.



Surface water

The overall surface water flood risk is HIGH on Sunday.

Persistent, often heavy, rain from Storm Dennis has affected most of England and Wales and will be moving south-east across southern England this afternoon. Severe surface water flooding impacts are expected to continue in parts of South Wales today (Sunday).

Significant surface water flooding is possible quite widely across England and other parts of Wales today, especially Dartmoor and parts of the south-east of England.

Further minor surface water flooding impacts are possible across parts of the north of England and north Wales later on Wednesday into Thursday from heavy rain falling on already saturated ground.



Coastal/Tidal

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

Coastal gales and large waves associated with Storm Dennis may lead to wind blown spray and wave overtopping in places today and on Monday. Localised, minor impacts are possible along parts of the Sussex coastline today.



Groundwater

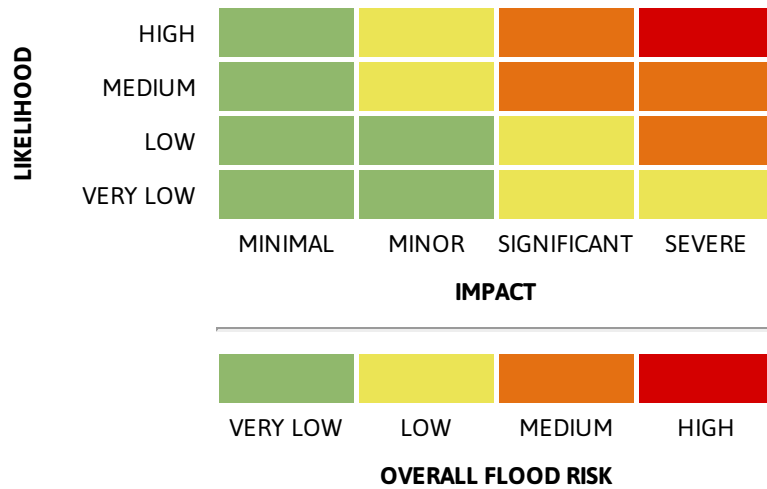
The groundwater flood risk is VERY LOW for the next five days.

Groundwater levels remain high in Hampshire, Dorset, Wiltshire, North Lincolnshire, East Sussex, West Sussex and Brighton and Hove, although impacts are minimal.

6-10 day forecast

On-going river flooding impacts may continue throughout the coming week, especially on the largest rivers. Unsettled weather is expected to continue, so with saturated conditions likely to be widespread, renewed river and surface water flooding impacts are possible.

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 Sunday 16 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>