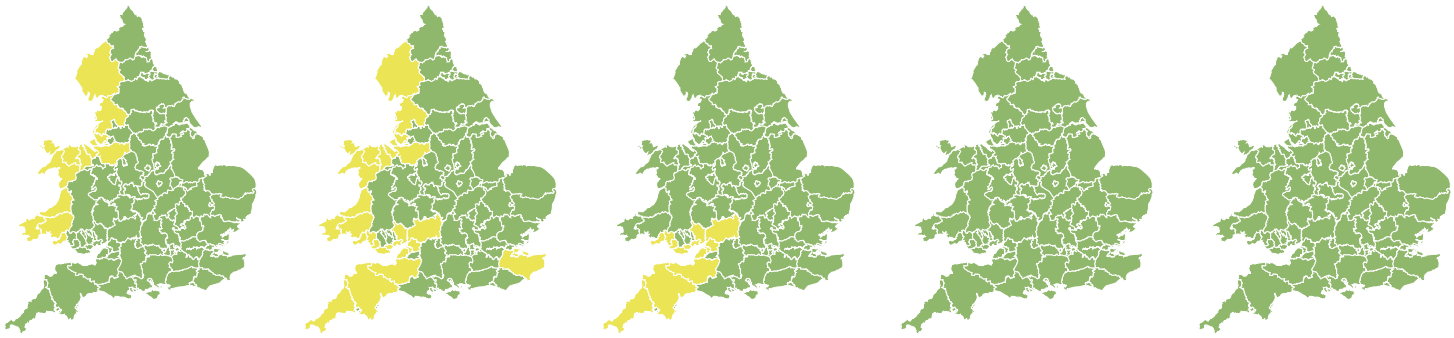
Flood Guidance Statement

10:30hrs Tuesday 02 January 2018

FLOODFORECASTINGCENTRE
a working partnership between Environment Agency | Met Office

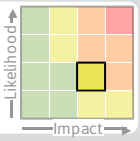


Tuesday	Wednesday	Thursday	Friday	Saturday
2 Jan 2018 10:30-23:59	3 Jan 2018	4 Jan 2018	5 Jan 2018	6 Jan 2018
Trend since last FGS				
Steady →	Steady →	Decreased ↓	Increased ↑	Steady →

Significant coastal flooding impacts are possible for parts of the west coast of England on Tuesday and Wednesday and the Kent coast on Wednesday. The overall flood risk is LOW.

Specific Areas of Concern Map 1: Tuesday 2 January

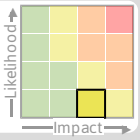
RISK AREA **A**
Impact **SIGNIFICANT**
Likelihood **LOW**



Source Coastal/Tidal
Likely duration 1 Day

Impacts around time of high tide on Tuesday night. Large waves at times.

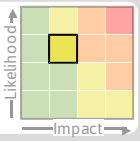
RISK AREA **B**
Impact **SIGNIFICANT**
Likelihood **VERY LOW**



Source Coastal/Tidal
Likely duration 1 Day

Impacts around time of high tide on Tuesday night. Large waves at times.

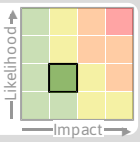
RISK AREA **C**
Impact **MINOR**
Likelihood **MEDIUM**



Source Coastal/Tidal
Likely duration 1 Day

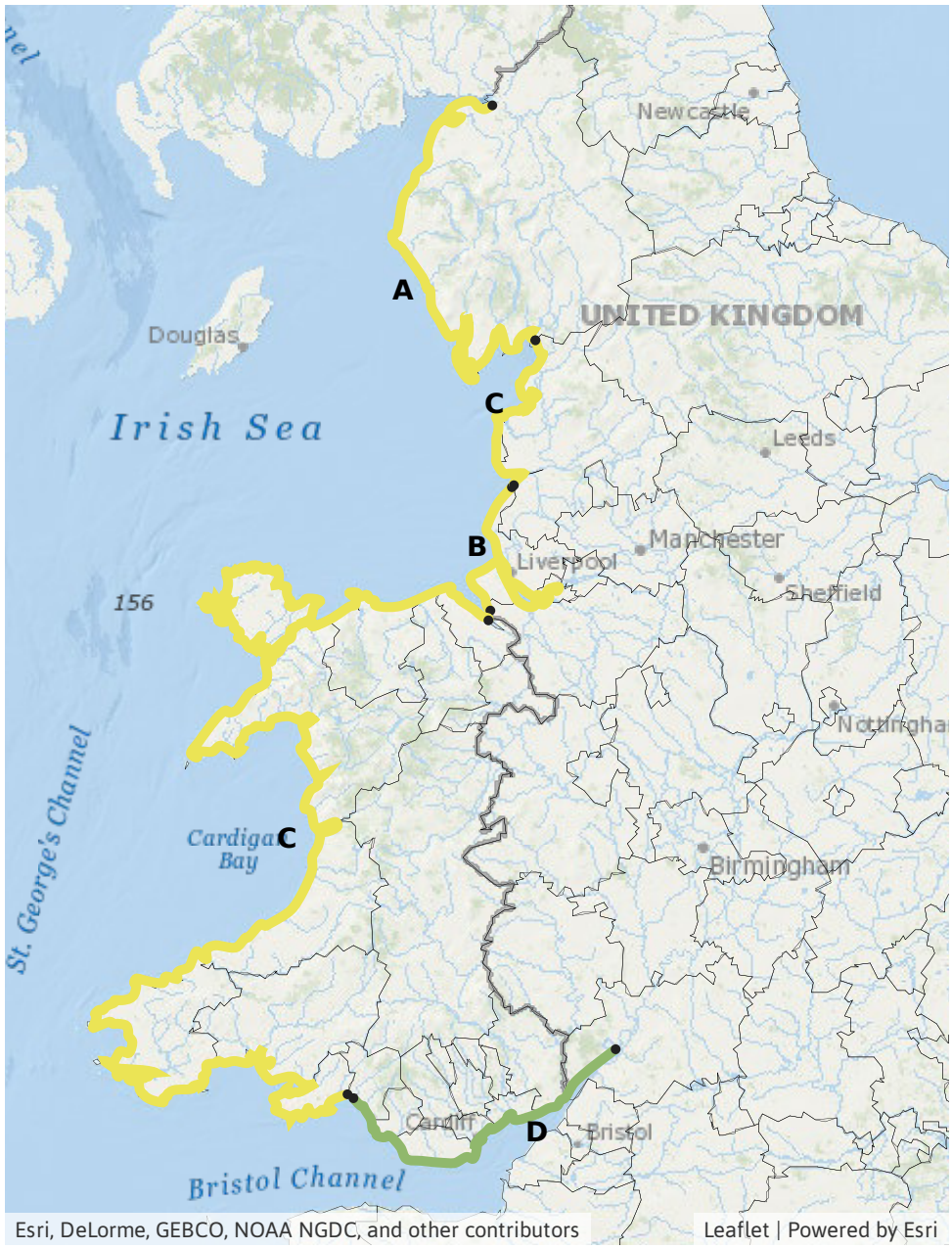
Impacts around time of high tide on Tuesday night. Large waves at times.

RISK AREA **D**
Impact **MINOR**
Likelihood **LOW**



Source Coastal/Tidal
Likely duration 1 Day

Impacts around time of high tide on Tuesday evening.



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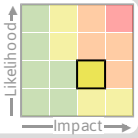
Specific Areas of Concern Map 2: Wednesday 3 January

RISK AREA **E**

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

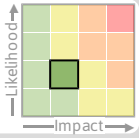


Source Coastal/Tidal
Likely duration 1 Day

Impacts around times of high water. Large waves at times.

RISK AREA **F**

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

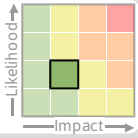


Source Coastal/Tidal
Likely duration 1 Day

Impacts around times of high water. Large waves at times.

RISK AREA **G**

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

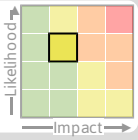


Source Coastal/Tidal
Likely duration 1 Day

Impacts around times of high water.

RISK AREA **H**

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

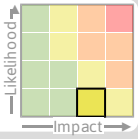


Source Coastal/Tidal
Likely duration 1 Day

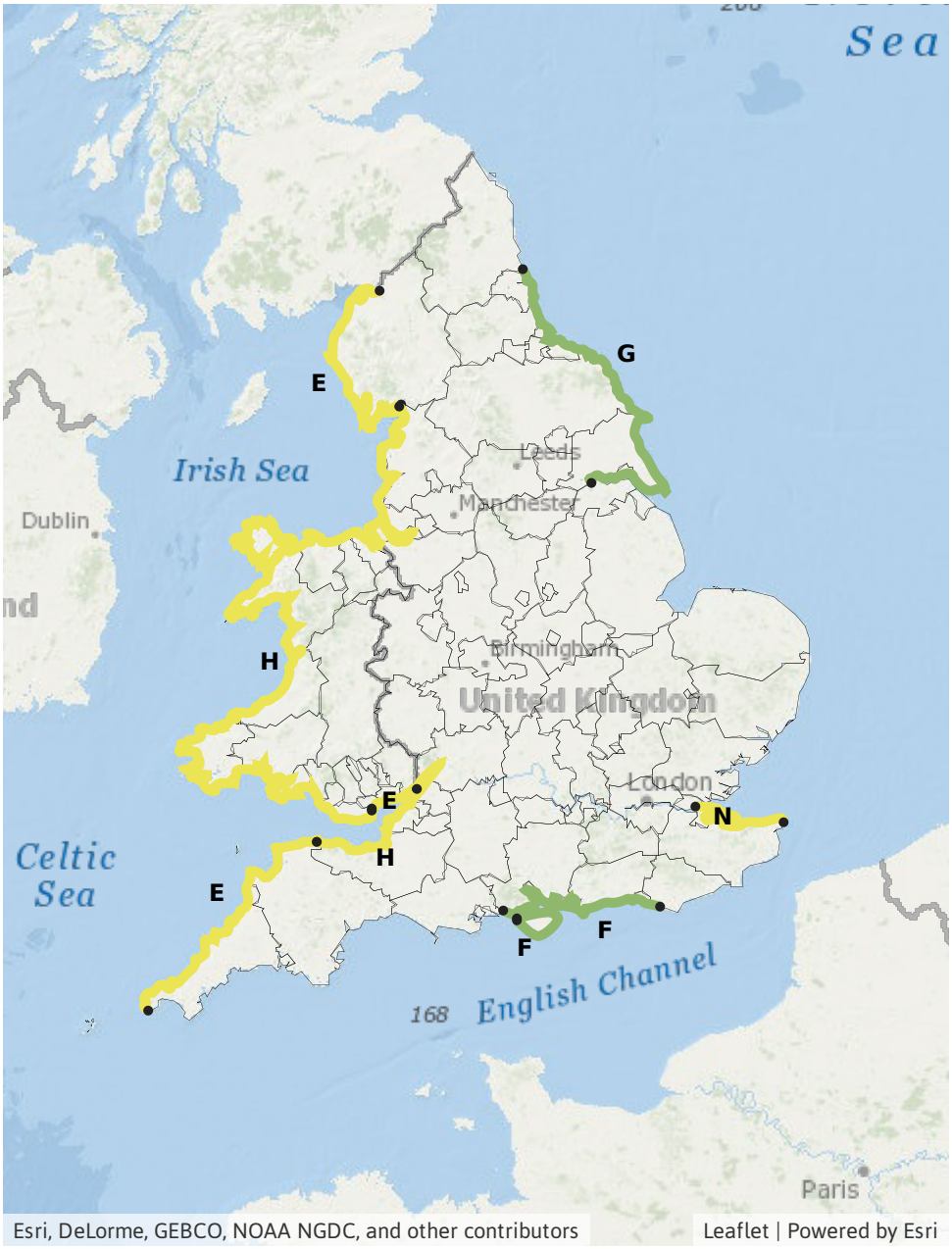
Impacts around times of high water. Large waves at times.

RISK AREA **N**

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



Source Coastal/Tidal
Likely duration 1 Day



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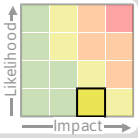
Specific Areas of Concern Map 3: Thursday 4 January

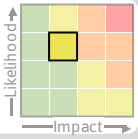
RISK AREA **I**
Impact **SIGNIFICANT**
Likelihood **VERY LOW**



Source Coastal/Tidal
Likely duration 1 Day

Impacts around times of high water. Large waves at times.

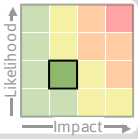
RISK AREA **J**
Impact **MINOR**
Likelihood **MEDIUM**



Source Coastal/Tidal
Likely duration 1 Day

Impacts around times of high water. Large waves at times.

RISK AREA **K**
Impact **MINOR**
Likelihood **LOW**



Source Coastal/Tidal
Likely duration 1 Day

Impacts around times of high water. Large waves at times around southwest Wales.

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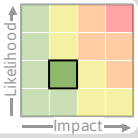
Specific Areas of Concern Map 4: Friday 5 January

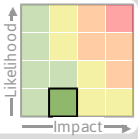
RISK AREA **L**
Impact **MINOR**
Likelihood **LOW**



Source Coastal/Tidal
Likely duration 1 Day

Impacts around times of high water. Large waves at times in south-west England.

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



Source Coastal/Tidal
Likely duration 1 Day

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Assessment of flood risk

Coastal/Tidal

The coastal flood risk is LOW from Tuesday to Thursday.

On Tuesday significant coastal flooding impacts are possible in Area A and possible but not expected in Area B in Specific Areas of Concern Map 1. Minor coastal flooding impacts are probable in Areas C and possible in Area D in Specific Areas of Concern Map 1. This is due to large surge combined with high spring tides and at times large waves. Impacts are most likely around the time of high tide on Tuesday night (which will last into the early hours of Wednesday in places).

On Wednesday significant coastal flooding impacts are possible in Areas E and possible but not expected in Area N in Specific Areas of Concern Map 2. Minor coastal flooding impacts are probable in Areas H, and possible in Areas F and G in Specific Areas of Concern Map 2. This is due to large surge combined with high spring tides and at times large waves. Impacts are most likely around the time of high water during the morning/midday on Wednesday.

On Thursday significant coastal flooding impacts are possible but not expected in Area I on Specific Areas of Concern Map 3. Minor coastal flooding impacts are probable in Area J, and possible in Areas K in Specific Areas of Concern Map 3 on Thursday. This is due to large surge combined with high spring tides and at times large waves.

Minor coastal flooding impacts are possible but not expected for parts of the Dorset coast on Wednesday and Thursday. On Friday, minor coastal flooding impacts are possible in Area L on Specific Areas of Concern Map 4, and possible but not expected in Area M. This is due to large surge combined with high spring tides and, in some places, large waves.

Minor coastal flooding impacts are possible but not expected for parts of the west and south coasts of England and Wales at times over the next five days, due to high tides, surge and large waves.

Surface water

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

Minor surface water flooding impacts are possible but not expected later on Tuesday and into Wednesday in northern parts of England and Wales due to heavy rain falling onto wet catchments.

Rivers

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

Minor river flooding impacts are possible but not expected later on Tuesday and into Wednesday in northern parts of England and Wales, and parts of the English Rivers Severn and Wye, due to heavy rain falling onto wet catchments.

Groundwater

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

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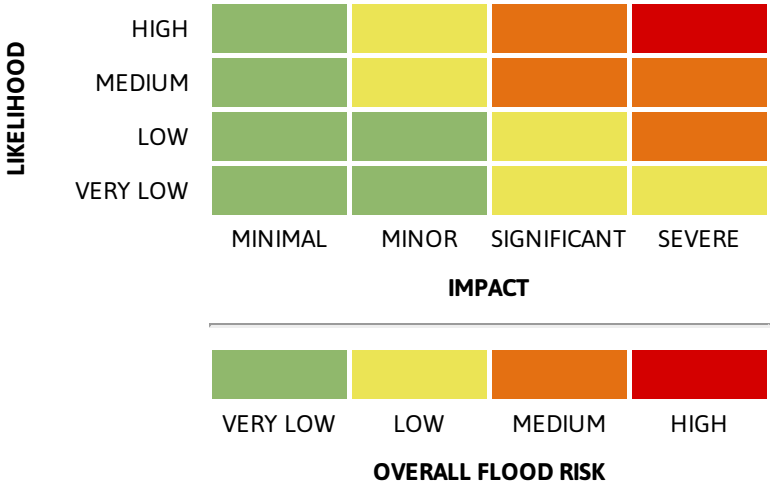
Flood risk matrix



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 **10:30hrs Wednesday 03 January 2018 (all times are local)**

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

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

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