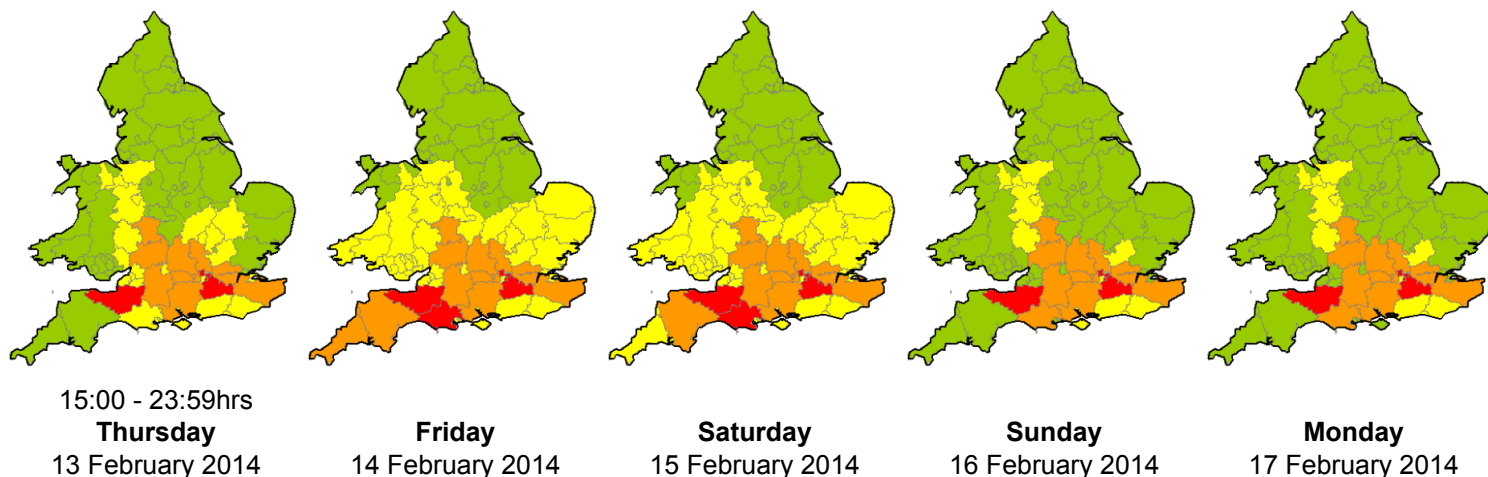


## Flood Guidance Statement 15:00hrs Thursday 13 February 2014

Our assessment of daily flood risk for England and Wales, working with flood forecasting teams in the Environment Agency and Natural Resources Wales, is below.



**15:00 UPDATE: LOW coastal flood risk in Pembrokeshire and Carmarthenshire on Friday. River flood risk in East Anglia now VERY LOW on Sunday.**

**HIGH flood risk for Dorset for coastal flooding on Friday into Saturday. HIGH flood risk for Somerset Levels for the next five days. HIGH flood risk along the River Thames in Windsor & Maidenhead and Surrey for the next five days.**

### General overview of flood risk

Ongoing significant, and locally severe disruption, from river and groundwater flooding continues in many parts of southern and central England, with the level of disruption increasing in some places during the next five days. Further heavy rain and showers on Friday and into Saturday are expected to affect central and southern England and Wales, but particularly south-west England. This will cause further disruption from river and surface water flooding, and exacerbate any groundwater flooding. Significant and locally severe disruption from coastal flooding is also possible across most of the south coast of England on Friday and Saturday, most especially along the Dorset coastline. The overall flood risks are as follows (see the Specific Areas of Concern Map for details):

#### HIGH river flood risk for:

- Coastal flooding in parts of Dorset on Friday and Saturday.
- River Thames in Windsor and Maidenhead and Surrey through the next five days.
- Somerset Levels for the next five days.

#### MEDIUM flood risk from:

- river and surface water flooding in south-west England on Friday and Saturday as a result of further forecast rainfall
- ongoing river flooding on the Thames in Oxfordshire, Buckinghamshire, West Berkshire and Reading.
- ongoing river flooding on the River Severn in Worcestershire and Gloucestershire for the next five days.
- ongoing groundwater flooding in the Croydon area of Greater London, as well as Hambledon, Basingstoke and Lower Farringdon in Hampshire, Aldbourne in Wiltshire and Nailbourne in Kent for the next five days.
- ongoing groundwater flooding in and around Cranborne Chase in Wiltshire and Dorset from Friday onwards.

#### LOW flood risk from:

- ongoing river flooding in Shropshire, Telford & Wrekin and Gloucestershire for the next five days.
- ongoing river flooding in Denbighshire, Wrexham and Cheshire on the River Dee for the next five days.
- ongoing river flooding in Cambridgeshire, Northamptonshire, Bedford and Milton Keynes for the next five days.
- ongoing groundwater flooding in south Wiltshire and parts of Dorset as well as much of south-east England for the next five days.

- additional river and surface water flooding across other parts of central and southern England and Mid and South Wales on Friday and into Saturday as a result of further rainfall.
- coastal flooding along much of the south coast of England and parts of South Wales on Friday and Saturday

## Assessment of flood risk

### Rivers

There is a HIGH flood risk for the River Thames throughout the next five days in Windsor and Maidenhead and Surrey where a major incident has now been declared with severe impacts experienced in this area. There is a high likelihood of continued severe disruption in these areas. There is also a danger to life due to fast flowing and deep water. Due to ongoing flooding and further forecast rainfall across the Thames catchment on Friday and Saturday leading to further severe disruption, the flood risk on the Thames in these areas remains HIGH throughout the next five days. This disruption includes widespread flooding affecting significant numbers of properties and whole communities, and requiring large scale evacuations of properties, with widespread disruption to infrastructure identified in flood plans and widespread travel disruption. From today onwards there is also a medium likelihood of significant disruption along the Thames in Oxfordshire, Buckinghamshire, Reading and West Berkshire, increasing to a low likelihood of severe impacts on Saturday.

A major incident continues on the Somerset Levels, where flood waters continue to rise. There is a high likelihood of severe disruption today (Thursday) and on Friday leading to a HIGH flood risk. Further heavy rain tomorrow and tomorrow night is expected to exacerbate the flooding problems and hamper the recovery process here, resulting in the HIGH flood risk continuing until at least Monday. Impacts include extensive flooding to some communities leading to the evacuation of properties, danger to life, and travel disruption on key rail links.

The River Severn continues to respond to recent rainfall resulting in a high likelihood of significant impacts in Worcestershire. In Gloucestershire there is a medium likelihood of significant impacts from flooding from the River Severn, particularly around Alney Island. This brings a MEDIUM flood risk in these areas today and for the next five days. In Shropshire, Telford & Wrekin there is a low likelihood of significant impacts for the next five days giving a LOW overall flood risk. Impacts may include disruption to transport, flooding of parts of communities and key sites identified on flood plans. Along the Rivers Teme and Wye the flood risk is now LOW, with minor impacts expected from ongoing river flooding in Herefordshire.

Elsewhere, other larger and slower responding rivers such as the Dorset Stour, the River Dee in North Wales and the Great Ouse continue to react to recent rainfall. Impacts may include disruption to transport, flooding of parts of communities. For the Great Ouse and the River Dee there is a medium likelihood of minor flooding impacts throughout the next five days. Ongoing minor impacts from river flooding are expected into Sunday in parts of south-east England.

On Friday and Saturday, further heavy rain and bands of showers will fall on very saturated ground across much of England and Wales. In southern parts of Cornwall, Devon, Somerset and western parts of Dorset, there is a medium likelihood of significant impacts from river flooding on both Friday and Saturday. This brings a MEDIUM flood risk overall in these areas except for Cornwall where the MEDIUM risk reduces to LOW on Saturday. Elsewhere across large parts of south and central England there is a low likelihood of significant disruption. In Mid and South Wales there is a medium likelihood of minor impacts. This gives a LOW river flood risk overall in these areas. Please see the Specific Areas of Concern Map for more details.

### Coastal / tidal

On Friday and into Saturday, another area of low pressure will bring gales, large waves and a positive surge to the south coast of England. This brings a HIGH flood risk to parts of Dorset, with a high likelihood of severe coastal flooding impacts particularly around Chiswell and Preston Beach. In places coastal beaches and defences remain degraded from recent storms.

There is also a low likelihood of significant impacts (LOW overall flood risk) from coastal flooding from the tip of Cornwall along the south coast to East Sussex on Friday and Saturday, except for Dorset (which is HIGH) and Brighton and Hove (which is LOW). Impacts such as spray and wave overtopping are possible with the potential for additional damage to previously degraded coastal defences. In Wales on Friday, there is a medium likelihood of minor impacts from coastal flooding along the coastlines of Pembrokeshire and Carmarthenshire. On Saturday this risk extends across the South Wales coastline, from Pembrokeshire to the Vale of Glamorgan. Please see the Specific Areas of Concern Map for more details.

**Groundwater**

Groundwater levels are exceptionally high (at record levels in parts of Wiltshire) across much of the south of England and further rainfall over the coming days is expected to exacerbate disruption from groundwater flooding.

There is a low likelihood of severe disruption from groundwater flooding (MEDIUM flood risk) in the Croydon area for the next five days. In Nailbourne in Kent there now is a medium likelihood of significant disruption from groundwater flooding (MEDIUM flood risk) for the next five days. There is a high likelihood of significant impacts from ongoing groundwater flooding in Hambledon, Basingstoke and Lower Farringdon in Hampshire and Aldbourne in Wiltshire over the next five days, giving a MEDIUM flood risk from groundwater overall.

In south Wiltshire and parts of Dorset (communities of Tilshead, Shrewton, Orcheston, Berwick St James and Around Cranborne Chase) localised groundwater flooding is already occurring and there is a low likelihood of significant impacts from groundwater flooding today, bringing a LOW flood risk overall. From Friday onwards, groundwater levels in these areas are expected to rise again in response to recent rainfall, with a medium likelihood of significant impacts in Dorset and Wiltshire leading to a MEDIUM overall flood risk. Impacts may include further flooding to properties and roads in the area, specifically the A35 at Winterbourne Abbas, leading to significant travel disruption. In parts of south-east England, there is a high likelihood of minor impacts from ongoing groundwater flooding over the next five days, giving a LOW flood risk overall. Areas particularly vulnerable include parts of Hampshire, Sussex, West Berkshire, Surrey (excluding south London, mentioned above) and Kent.

Groundwater levels are high in parts of north Wiltshire and South Gloucestershire but any disruption is expected to be minimal (VERY LOW overall flood risk).

**Surface water**

On Friday and Saturday, further heavy rain and bands of showers will fall on very saturated ground across much of England and Wales. In southern parts of Cornwall, Devon, Somerset and western parts of Dorset, there is a medium likelihood of significant impacts from surface water flooding on both Friday and Saturday. This brings a MEDIUM flood risk overall in these areas. Elsewhere across large parts of south and central England and Mid and South Wales there is a low likelihood of significant disruption. This gives a LOW river flood risk overall in these areas. Please see the Specific Areas of Concern Map for more details. Impacts may include flooding of individual properties or parts of communities and low lying land and roads, leading to travel disruption.

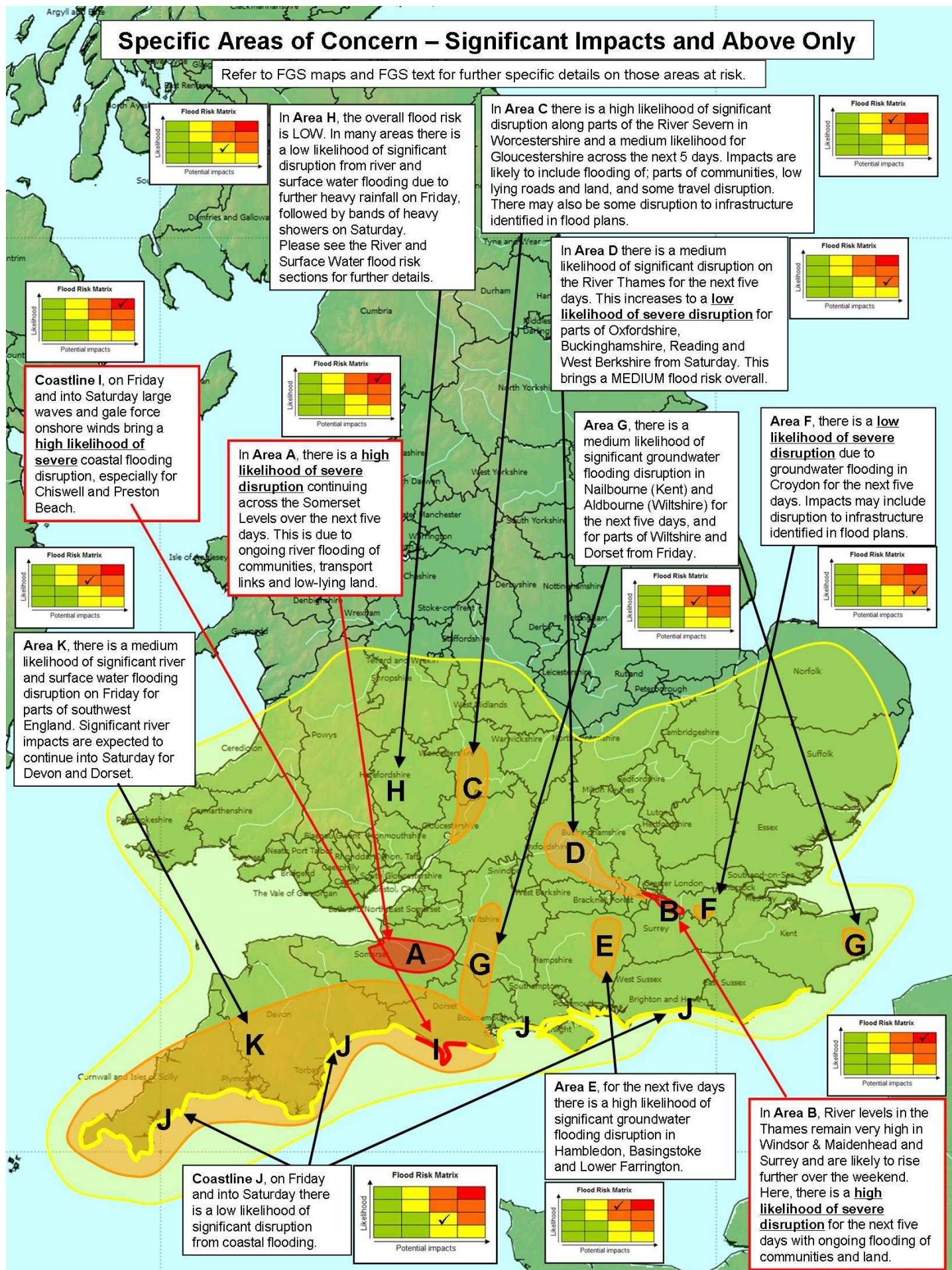
Elsewhere the surface water flood risk is VERY LOW throughout the next five days.

**Warnings and Alerts in force in England and Wales at 15:00hrs**

Flood ( <a href="#">click here</a> )	
Severe Flood Warnings	16
Flood Warnings	128
Flood Alerts	227

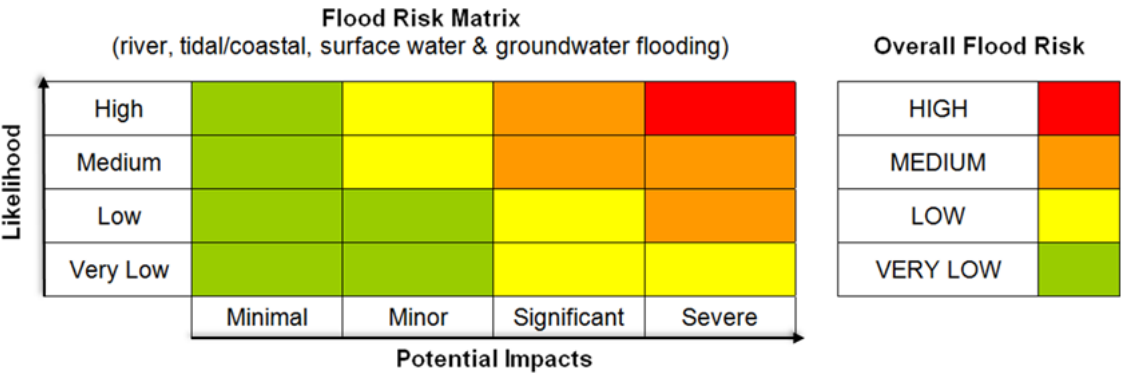
Severe Weather ( <a href="#">click here</a> )	
Warnings	Yes
Alerts	Yes

## Specific areas of concern



Next statement due: 10:30hrs Friday 14 February 2014

All times are local.



Click [here](#) for the Flood Guidance Statement User Guide.