

**From:** [NSW Government](#)  
**To:** [Flood Inquiry](#)  
**Subject:** Floods Inquiry  
**Date:** Friday, 24 June 2022 4:40:25 PM  
**Attachments:** [BOM Flood Warnings - 28th and 29th March 2022.docx](#)

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## Your details

**Title** Mr

**First name** Simon

**Last name** Morton

**Email**

**Postcode** 2480

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## Submission details

**I am making this submission as** A primary producer

**Submission type** I am making a personal submission

**Consent to make submission public** I give my consent for this submission to be made public

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## Share your experience or tell your story

**Your story** I live on a farm on Coopers Creek upstream of Lismore. The farmhouse is located on top of a hill, so it was not affected by the flood. However, we lost many boundary and internal fences, the dam spillway was damaged and some farm creek crossings were washed away. My elderly mother lives in east Ballina and I assisted her to evacuate during the floods. I work in floodplain modelling and watched the unfolding events closely. I make 4 recommendations to improve future flood preparedness and response:

1. Improve the BOM's flood forecasting and warnings to include a summary of what is causing the weather event, information on rainfall model forecasts and the predicted flood water levels in Lismore based on the latest observed catchment inflows.
2. Install an emergency evacuation alarm in the flood prone areas of Lismore which is activated as a last resort to warn people of the coming extreme flood event and to evacuate immediately.
3. Install a new flood gauge in Ballina, e.g. near the Ballina RSL.
4. Publish predicted flood levels and inundation areas to a reasonable level of granularity so people can make informed decisions and plans on if, and when, they lift property and evacuate the area.

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## Terms of Reference (optional)

The Inquiry welcomes submissions that address the particular matters identified in its [Terms of Reference](#)

**1.2 Preparation and planning** Contrary to many people's beliefs, there was plenty of warning in the media and websites to this developing extreme rainfall event and resulting flood in Lismore. The sources of information included:

- The local weather forecaster (Gavin) on NBN TV warned of this developing weather event at least 3 days in advance.
- The extreme flooding in Gympie and south eastern Queensland days prior to the flooding in Lismore.
- The Bureau of Meteorology (BOM) forecast large daily totals of 150 mm a couple of days in advance (however BOM did significantly underestimate the observed totals)
- YR (<https://www.yr.no/en> Norwegian Meteorological Institute and NRK) also consistently

forecast large daily totals of 300 mm in the days leading up to this event

Recommendation 1 Improve the BOM's flood forecasting and warnings to include a summary of what is causing the weather event, information on rainfall model forecasts and the predicted flood water levels in Lismore based on the latest observed catchment inflows.

**1.3** First Lismore flood – 28 February 2022

**Response to floods**

Evacuation orders were issued to many parts of Lismore on the Sunday 27th February afternoon/evening. However, many people ignored these orders believing the flood would not exceed the 1974 flood event. Hence, this resulted in the mass evacuation of people using civilian boats during the daylight hours on the Monday morning.

There would have been more loss of life if the flood peak had hit Lismore during the night. BOM flood warnings need to be overhauled as mentioned in recommendation 1. The flood warnings and predicted flood levels should be based on observed rainfalls and/or inflows and not predicted rainfall in the catchment. This would reduce the degree of uncertainty in the predicted flood level.

Second Lismore flood – 28-29 March 2022

During the second Lismore flood by 5 am on the Tuesday, the rainfall had eased off and possibly stopped in areas of the catchment upstream of Lismore and this was the case for most of the day. With this information, BOM should have been able to predict the flood level in Lismore with a good degree of accuracy. However, this was not done and at 8 am on Tuesday it released flood warning no. 4 (see attachment - BOM Flood Warnings – 28th and 29th March 2022) which included a broad and obvious statement "if the rainfall continues to intensify during Tuesday, major flooding may occur Tuesday morning with level reaching near the Lismore Levee Height (10.60m)." However, I later heard in the media that BOM were basing this information on predicted rainfall that did not eventuate when they thought it would. However, it did eventuate late on Tuesday evening/night (after BOM had relaxed their warnings) resulting in major flooding in Lismore.

Recommendation 2 Install an emergency evacuation alarm in the flood prone areas of Lismore which is activated as a last resort to warn people of the coming extreme flood event and to evacuate immediately.

Ballina flood – 1 March 2022

My elderly mother lives in Ballina and early on Tuesday 1st March, I heard that many parts of Ballina were being evacuated including east Ballina where my mother lives. So, we rushed down to Ballina to assist in her evacuation.

Information on the evacuation areas of Ballina were extremely vague and included statements like "evacuate from low lying parts of east Ballina".

Prior to the flood peak reaching Ballina, the BOM would have had a good idea of the forecast flood levels and inundation areas in and around Ballina, based on the observed inflows upstream at Lismore and Coraki. However, it was extremely difficult to get any information on predicted flood levels and inundated areas for Ballina. We visited the local SES Office however they didn't have that information. So, we resorted to Google and found a post of a rough map of predicted inundation areas on the NBN Facebook page:

<https://www.facebook.com/nbn-television/photos/a.10152225587428331/10159882052758331/?type=3> This map was produced by BMT Consulting in Brisbane. Presumably this mapping was done for Ballina Shire Council to inform their flood management plan. Why was this detailed mapping only released via the media rather than council and only during the emergency?

Another issue was that Ballina town does not have a reference gauge like Lismore and other flood prone towns. The closest gauge to Ballina is at Burns Point Ferry (<http://www.bom.gov.au/fwo/IDN60231/IDN60231.558044.plt.shtml>) which is a significant way upstream from Ballina.

Recommendation 3 Install a new flood gauge in Ballina, e.g. near the Ballina RSL.

Recommendation 4 Publish predicted flood levels and inundation areas to a reasonable level of granularity so people can make informed decisions and plans on if, and when, they lift property and evacuate the area.

**Supporting documents or images**

**Attach files** • [BOM Flood Warnings - 28th and 29th March 2022.docx](#)

## Flood Warning - Wilsons

IDN36602

Australian Government Bureau of Meteorology, **New South Wales**

**PRIORITY: The Bureau and Emergency Services would appreciate this message being broadcast regularly.**

### Major Flood Warning for the Wilsons River at Lismore

Issued at 5:06 am EDT on Tuesday 29 March 2022

Flood Warning Number: 3

MODERATE TO MAJOR FLOODING LIKELY AT LISMORE TUESDAY MORNING

RIVER LEVELS NEAR THE HEIGHT OF THE LISMORE LEVEE POSSIBLE ON TUESDAY AFTERNOON

Heavy rainfall across the catchment of the Wilsons River overnight Monday into Tuesday has caused rapid river level rises in the tributaries upstream of Lismore. Further rainfall is forecast for the remainder of Tuesday and Wednesday. If the rainfall continues intensifies during Tuesday major flooding may occur Tuesday Morning with levels reaching near the Lismore Levee Height (10.60 m) Tuesday afternoon.

Levels are expected to remain below those experienced in late February 2022.

Further heavy rainfall is forecast over the next 24 to 48 hours which may result in further rapid river level rises and localised flash flooding. A Severe Weather Warning has been issued for the Northern Rivers and parts of the Mid North Coast and Northern Tablelands Forecast District.

The situation is being closely monitored and revised predictions will be provided if necessary.

#### Wilsons River:

Major flooding may occur along the Wilsons River at Lismore.

The Wilsons River at Lismore is likely to exceed the moderate flood level (7.20 m) around 11:00 am Tuesday. The river level may exceed the major flood level (9.70 m) around 02:00 pm Tuesday and may reach around 10.60 metres Tuesday afternoon, with further rises possible.

#### Flood Safety Advice:

In life threatening emergencies, call 000 (triple zero) immediately. If you require rescue, assistance to evacuate or other emergency help, ring NSW SES on 132 500.

- \* Avoid drowning. Stay out of rising water, seek refuge in the highest available place.
- \* Prevent damage to your vehicle. Move it under cover, away from areas likely to flood.
- \* Avoid being swept away. Stay out of fast-flowing creeks and storm drains.

#### Warnings Information

- ▶ Total Fire Ban and Current Fire Danger Map
- ▶ Tropical Cyclone Warnings and Information
- ▶ Marine Reference Points

## Flood Warning - Wilsons

IDN36602

Australian Government Bureau of Meteorology, **New South Wales**

**PRIORITY: The Bureau and Emergency Services would appreciate this message being broadcast regularly.**

### Major Flood Warning for the Wilsons River at Lismore

Issued at 8:10 am EDT on Tuesday 29 March 2022

Flood Warning Number: 4

MODERATE TO MAJOR FLOODING LIKELY AT LISMORE TUESDAY MORNING

RIVER LEVELS NEAR THE HEIGHT OF THE LISMORE LEVEE POSSIBLE ON TUESDAY AFTERNOON

Heavy rainfall across the catchment of the Wilsons River overnight Monday into Tuesday has caused rapid river level rises in the tributaries upstream of Lismore. Further rainfall is forecast for the remainder of Tuesday and Wednesday. If the rainfall continues to intensify during Tuesday, major flooding may occur Tuesday Morning with levels reaching near the Lismore Levee Height (10.60 m) Tuesday afternoon. Levels are expected to remain below those experienced in late February 2022.

A Severe Weather Warning has been issued for the Northern Rivers and parts of the Mid North Coast and Northern Tablelands Forecast District.

The situation is being closely monitored and revised predictions will be provided if necessary.

#### Wilsons River:

Major flooding may occur along the Wilsons River at Lismore.

The Wilsons River at Lismore is likely to exceed the moderate flood level (7.20 m) around 11:00 am Tuesday. The river level may exceed the major flood level (9.70 m) around 02:00 pm Tuesday and may reach around 10.60 metres late Tuesday afternoon, with further rises possible.

#### Flood Safety Advice:

In life threatening emergencies, call 000 (triple zero) immediately. If you require rescue, assistance to evacuate or other emergency help, ring NSW SES on 132 500.

- \* Avoid drowning. Stay out of rising water, seek refuge in the highest available place.
- \* Prevent damage to your vehicle. Move it under cover, away from areas likely to flood.
- \* Avoid being swept away. Stay out of fast-flowing creeks and storm drains.
- \* Never drive, ride or walk through flood water. Flood water can be deceptive and dangerous.

#### Warnings Information

- ▶ Total Fire Ban and Current Fire Danger Map
- ▶ Tropical Cyclone Warnings and Information
- ▶ Marine Reference Points

Australian Government Bureau of Meteorology, **new south wales**

**PRIORITY: The Bureau and Emergency Services would appreciate this message being broadcast regularly.**

**Major Flood Warning for the Wilsons River at Lismore**

Issued at 10:36 am EDT on Tuesday 29 March 2022

Flood Warning Number: 5

MODERATE TO MAJOR FLOODING LIKELY AT LISMORE TUESDAY AFTERNOON

RIVER LEVELS NEAR THE HEIGHT OF THE LISMORE LEVEE POSSIBLE TUESDAY EVENING

Heavy rainfall across the catchment of the Wilsons River overnight Monday into Tuesday has caused rapid river level rises in the tributaries upstream of Lismore. Further rainfall is forecast for the remainder of Tuesday and Wednesday. If the rainfall continues to intensify during Tuesday, major flooding may occur Tuesday afternoon with levels reaching near the Lismore Levee Height (10.60 m) Tuesday evening. Levels are expected to remain below those experienced in late February 2022.

A Severe Weather Warning has been issued for the Northern Rivers and parts of the Mid North Coast and Northern Tablelands Forecast District.

The situation is being closely monitored and revised predictions will be provided if necessary.

**Wilsons River:**

Major flooding may occur along the Wilsons River at Lismore.

The Wilsons River at Lismore is likely to exceed the moderate flood level (7.20 m) around midday Tuesday. The river level may exceed the major flood level (9.70 m) around 04:00 pm Tuesday and may reach around 10.60 metres Tuesday evening, with further rises possible.

**Flood Safety Advice:**

In life threatening emergencies, call 000 (triple zero) immediately. If you require rescue, assistance to evacuate or other emergency help, ring NSW SES on 132 500.

- \* Avoid drowning. Stay out of rising water, seek refuge in the highest available place.
- \* Prevent damage to your vehicle. Move it under cover, away from areas likely to flood.
- \* Avoid being swept away. Stay out of fast-flowing creeks and storm drains.
- \* Never drive, ride or walk through flood water. Flood water can be deceptive and dangerous.

For more emergency information, advice, and access to the latest river heights and rainfall observations and forecasts:

\* NSW SES: [www.ses.nsw.gov.au](http://www.ses.nsw.gov.au)

\* RMS Live Traffic: [www.livetraffic.com](http://www.livetraffic.com)



## Flood Warning - Wilsons

IDN36602

Australian Government Bureau of Meteorology, **New South Wales**  
**Major Flood Warning for the Wilsons River**  
**at Lismore**

Issued at 1:55 pm EDT on Tuesday 29 March 2022

Flood Warning Number: 6

MODERATE TO MAJOR FLOODING LIKELY AT LISMORE TUESDAY EVENING

RIVER LEVELS LIKELY TO PEAK BELOW THE HEIGHT OF THE LISMORE LEVEE TUESDAY EVENING

Heavy rainfall across the catchment of the Wilsons River overnight Monday into Tuesday has caused significant river level rises along the Wilsons River and its tributaries. Further rainfall is forecast for the remainder of Tuesday and Wednesday. If the rainfall continues to intensify Tuesday afternoon, major flooding may occur Tuesday evening, with levels likely to peak below the Lismore Levee Height (10.60 m).

A Severe Weather Warning is current for the Northern Rivers and parts of the Mid North Coast and Northern Tablelands Forecast District.

The situation is being closely monitored and revised predictions will be provided if necessary.

### **Wilsons River:**

Major flooding may occur along the Wilsons River at Lismore.

The Wilsons River at Lismore is likely to exceed the moderate flood level (7.20 m) around 3:00 pm Tuesday. If the the rainfall intensifies river levels may peak near the major flood level (9.70 m) around 07:00 pm Tuesday, below the Lismore Levee Height (10.60 m).

### **Flood Safety Advice:**

In life threatening emergencies, call 000 (triple zero) immediately. If you require rescue, assistance to evacuate or other emergency help, ring NSW SES on 132 500.

- \* Avoid drowning. Stay out of rising water, seek refuge in the highest available place.
- \* Prevent damage to your vehicle. Move it under cover, away from areas likely to flood.
- \* Avoid being swept away. Stay out of fast-flowing creeks and storm drains.
- \* Never drive, ride or walk through flood water. Flood water can be deceptive and dangerous.

For more emergency information, advice, and access to the latest river heights and rainfall observations and forecasts:

\* NSW SES: [www.ses.nsw.gov.au](http://www.ses.nsw.gov.au)

## Flood Warning - Wilsons

IDN36602

Australian Government Bureau of Meteorology, **New South Wales**

### Moderate Flood Warning for the Wilsons River at Lismore

Issued at 4:51 pm EDT on Tuesday 29 March 2022

Flood Warning Number: 7

MODERATE FLOODING OCCURRING AT LISMORE

RIVER LEVELS LIKELY TO PEAK BELOW THE MAJOR FLOOD LEVEL AT LISMORE TUESDAY EVENING

Heavy rainfall across the catchment of the Wilsons River overnight Monday into Tuesday has caused significant river level rises along the Wilsons River and its tributaries.

Rain has eased since Tuesday morning. River levels in the tributaries have peaked. Moderate flooding is occurring at Lismore where river levels are likely to peak below the major flood level (9.70 metres) Tuesday evening.

A Severe Weather Warning is current for the Northern Rivers and parts of the Mid North Coast and Northern Tablelands Forecast District. Further rain is possible which may cause additional river level rises. The situation is being closely monitored and revised predictions will be provided if necessary.

#### Wilsons River:

Moderate flooding is occurring along the Wilsons River at Lismore.

The Wilsons River at Lismore (AHD) may peak near 8.40 metres around 08:00 pm Tuesday, with moderate flooding.

#### Flood Safety Advice:

In life threatening emergencies, call 000 (triple zero) immediately. If you require rescue, assistance to evacuate or other emergency help, ring NSW SES on 132 500.

- \* Avoid drowning. Stay out of rising water, seek refuge in the highest available place.
- \* Prevent damage to your vehicle. Move it under cover, away from areas likely to flood.
- \* Avoid being swept away. Stay out of fast-flowing creeks and storm drains.
- \* Never drive, ride or walk through flood water. Flood water can be deceptive and dangerous.

For more emergency information, advice, and access to the latest river heights and rainfall observations and forecasts:

#### Warnings Information

- ▶ Total Fire Ban and Current Fire Danger Map
- ▶ Tropical Cyclone Warnings and Information
- ▶ Marine Reference Points

## Flood Warning - Wilsons

IDN36602

Australian Government Bureau of Meteorology, **New South Wales**  
**Moderate Flood Warning for the Wilsons River**  
**at Lismore**

Issued at 8:54 pm EDT on Tuesday 29 March 2022

Flood Warning Number: 8

MODERATE FLOODING OCCURRING AT LISMORE

Heavy rainfall across the catchment of the Wilsons River overnight Monday into Tuesday has caused significant river level rises along the Wilsons River and its tributaries.

Flood peaks are nearing Tuncester and Woodlawn, with a moderate flood peak is possible at Lismore overnight Tuesday night. Rainfall rates had decreased during the day on Tuesday and are beginning to re-intensify as a low pressure system moves back towards the coast which could see renewed river level rises during Wednesday.

A Severe Weather Warning is current for the Northern Rivers and parts of the Mid North Coast and Northern Tablelands Forecast District. Further rain is possible which may cause additional river level rises. The situation is being closely monitored and revised predictions will be provided if necessary.

### **Wilsons River:**

Moderate flooding is occurring along the Wilsons River at Lismore.

The Wilsons River at Lismore (AHD) may reach around 8.80 metres midnight Tuesday into Wednesday. Further rises are possible.

### **Flood Safety Advice:**

In life threatening emergencies, call 000 (triple zero) immediately. If you require rescue, assistance to evacuate or other emergency help, ring NSW SES on 132 500.

- \* Avoid drowning. Stay out of rising water, seek refuge in the highest available place.
- \* Prevent damage to your vehicle. Move it under cover, away from areas likely to flood.
- \* Avoid being swept away. Stay out of fast-flowing creeks and storm drains.
- \* Never drive, ride or walk through flood water. Flood water can be deceptive and dangerous.

For more emergency information, advice, and access to the latest river heights and rainfall observations and forecasts:

\* NSW SES: [www.ses.nsw.gov.au](http://www.ses.nsw.gov.au)



## Flood Warning - Wilsons

IDN36602

Australian Government Bureau of Meteorology, **New South Wales**

**PRIORITY: The Bureau and Emergency Services would appreciate this message being broadcast regularly.**

### **Major Flood Warning for the Wilsons River at Lismore**

Issued at 2:54 am EDT on Wednesday 30 March 2022

Flood Warning Number: 10

MAJOR FLOODING OCCURRING AT LISMORE

RIVER LEVELS NEAR THE HEIGHT OF THE LISMORE LEVEE POSSIBLE WEDNESDAY AFTERNOON

Intense rainfall rates expected to persist over the next several hours as a low pressure system moves slowly to the south and west. Renewed river level rises are expected during Wednesday with bands of heavy rain affecting the Wilsons River catchment.

The Wilsons River at Lismore may reach levels near the height of the levee. Most likely the flood peak will move through Lismore Wednesday afternoon, but this will depend on the intensity and duration of the bursts of heavy rainfall and could be earlier or later.

A Severe Weather Warning is current for the Northern Rivers and parts of the Mid North Coast and Northern Tablelands Forecast District.

The situation is being closely monitored and revised predictions will be provided if necessary.

#### **Wilsos River:**

Major flooding is likely along the Wilsons River at Lismore.

Major flooding is occurring along the Wilsons River at Lismore (AHD) and may reach around 10.50 metres Wednesday afternoon.

#### **Flood Safety Advice:**

In life threatening emergencies, call 000 (triple zero) immediately. If you require rescue, assistance to

## Flood Warning - Wilsons

IDN36602

Australian Government Bureau of Meteorology, **New South Wales**

**TOP PRIORITY: The Bureau and Emergency Services would appreciate this message being broadcast regularly.**

### **Major Flood Warning for the Wilsons River at Lismore**

Issued at 5:05 am EDT on Wednesday 30 March 2022

Flood Warning Number: 11

#### **OVERTOPPING OF THE LISMORE LEVEE LIKELY WEDNESDAY MORNING**

Intense rainfall rates are expected to persist over the next several hours as a low pressure system moves slowly to the south and west. Renewed river level rises are expected during Wednesday with bands of heavy rain affecting the Wilsons River catchment.

The Wilsons River at Lismore to overtop the levee this morning, with further rises in the afternoon possible. The Wilsons River at Woodlawn and Leycester Creek at Tuncester are still rising and peak predictions at Lismore will be made after upstream peaks are observed.

A Severe Weather Warning is current for the Northern Rivers and parts of the Mid North Coast and Northern Tablelands Forecast District.

The situation is being closely monitored and revised predictions will be provided if necessary.

#### **Wilsons River:**

Major flooding is likely along the Wilsons River at Lismore.

The Wilsons River at Lismore (AHD) is likely to exceed 10.60 metres 08:00 am Wednesday with major flooding. Further rises possible in the afternoon.

#### **Flood Safety Advice:**

In life threatening emergencies, call 000 (triple zero) immediately. If you require rescue, assistance to evacuate or other emergency help, ring NSW SES on 132 500.

- \* Avoid drowning. Stay out of rising water, seek refuge in the highest available place.
- \* Prevent damage to your vehicle. Move it under cover, away from areas likely to flood.
- \* Avoid being swept away. Stay out of fast-flowing creeks and storm drains.
- \* Never drive, ride or walk through flood water. Flood water can be deceptive and dangerous.

For more emergency information, advice, and access to the latest river heights and rainfall observations

## Flood Warning - Wilsons

IDN36602

Australian Government Bureau of Meteorology, **New South Wales**

**TOP PRIORITY: The Bureau and Emergency Services would appreciate this message being broadcast regularly.**

### **Major Flood Warning for the Wilsons River at Lismore**

Issued at 10:44 am EDT on Wednesday 30 March 2022

Flood Warning Number: 13

#### **MAJOR FLOODING OCCURRING AT LISMORE**

#### **THE LISMORE LEVEE HAS BEEN OVERTOPPED WEDNESDAY MORNING**

Intense rainfall rates overnight Tuesday into Wednesday has resulted in rapid river rises and major flooding at Lismore. The Wilsons River at Lismore has exceeded the levee height around 8:30 am Wednesday morning.

Further rises are expected with bands of heavy rain affecting the Richmond and Wilsons River catchment to persist for the remainder of Wednesday as a low pressure system moves slowly to the south and west. The Wilsons River at Woodlawn and Leycester Creek at Tuncester are still rising and peak predictions at Lismore will be made after upstream peaks are observed.

Further heavy rainfall is forecast over the next 12 to 24 hours which may result in further rapid river level rises and localised flash flooding. A Severe Weather Warning is current for the Northern Rivers, Mid North Coast and parts of the Northern Tablelands Forecast Districts.

The situation is being closely monitored and revised predictions will be provided if necessary.

A major flood warning is current for the Richmond River.

#### **Wilsons River:**

Major flooding is occurring along the Wilsons River.

The Wilsons River at Lismore (AHD) may reach around 11.60 metres Wednesday evening, with major flooding. Further rises possible.

#### **Flood Safety Advice:**

In life threatening emergencies, call 000 (triple zero) immediately. If you require rescue, assistance to evacuate or other emergency help, ring NSW SES on 132 500.

## Flood Warning - Wilsons

IDN36602

Australian Government Bureau of Meteorology, **New South Wales**

**TOP PRIORITY: The Bureau and Emergency Services would appreciate this message being broadcast regularly.**

### Major Flood Warning for the Wilsons River at Lismore

Issued at 1:53 pm EDT on Wednesday 30 March 2022

Flood Warning Number: 14

MAJOR FLOODING OCCURRING AT LISMORE WITH RIVER LEVELS CONTINUING TO RISE

THE LISMORE LEVEE HAS BEEN OVERTOPPED WEDNESDAY MORNING

Intense rainfall rates overnight Tuesday into Wednesday has resulted in rapid river rises and major flooding at Lismore. The Wilsons River at Lismore has exceeded the levee height around 8:30 am Wednesday morning.

Further rises are expected with bands of heavy rain affecting the Richmond and Wilsons River catchment to persist for the remainder of Wednesday as a low pressure system moves slowly to the south and west. The Wilsons River at Woodlawn and Leycester Creek at Tuncester are still rising and peak predictions at Lismore will be made after upstream peaks are observed.

Further heavy to intense rainfall is forecast over the next 12 to 24 hours which may result in further rapid river level rises and localised flash flooding. A Severe Weather Warning is current for the Northern Rivers, Mid North Coast and parts of the Northern Tablelands Forecast Districts.

The situation is being closely monitored and revised predictions will be provided if necessary.

A major flood warning is current for the Richmond River.

#### Wilsons River:

Major flooding is occurring along the Wilsons River.

The Wilsons River at Lismore (AHD) may reach around 12.00 metres late Wednesday evening, with major flooding. Further rises possible.

#### Flood Safety Advice:

In life threatening emergencies, call 000 (triple zero) immediately. If you require rescue, assistance to evacuate or other emergency help, ring NSW SES on 132 500.

- \* Avoid drowning. Stay out of rising water. seek refuge in the highest available place.

#### Warnings Information

- ▶ Total Fire Ban and Current Fire Danger Map
- ▶ Tropical Cyclone Warnings and Information
- ▶ Marine Reference Points





## Flood Warning - Wilsons

IDN36602

Australian Government Bureau of Meteorology, **New South Wales**

**TOP PRIORITY: The Bureau and Emergency Services would appreciate this message being broadcast regularly.**

### Major Flood Warning for the Wilsons River at Lismore

Issued at 4:53 pm EDT on Wednesday 30 March 2022

Flood Warning Number: 15

MAJOR FLOODING OCCURRING AT LISMORE WITH RIVER LEVELS CONTINUING TO RISE

THE LISMORE LEVEE HAS BEEN OVERTOPPED WEDNESDAY MORNING

Intense rainfall rates overnight Tuesday into Wednesday has resulted in rapid river rises and major flooding at Lismore. The Wilsons River at Lismore has exceeded the levee height around 8:30 am Wednesday morning.

Further rises are expected with bands of heavy rain affecting the Richmond and Wilsons River catchment to persist for the remainder of Wednesday as a low pressure system moves slowly to the south. The Wilsons River at Woodlawn and Leycester Creek at Tuncester are still rising and peak predictions at Lismore will be made after upstream peaks are observed.

Further heavy to intense rainfall is forecast over the next 12 to 24 hours which may result in further rapid river level rises and localised flash flooding. A Severe Weather Warning is current for the Northern Rivers, Mid North Coast and Hunter Forecast Districts.

The situation is being closely monitored and revised predictions will be provided if necessary.

A major flood warning is current for the Richmond River.

#### Wilsons River:

Major flooding is occurring along the Wilsons River.

The Wilsons River at Lismore (AHD) may reach around 12.00 metres late Wednesday evening, with major flooding. Further rises possible.

#### Flood Safety Advice:

In life threatening emergencies, call 000 (triple zero) immediately. If you require rescue, assistance to evacuate or other emergency help, ring NSW SES on 132 500.

\* Avoid drowning. Stay out of rising water, seek refuge in the highest available place.

#### Warnings Information

- ▶ Total Fire Ban and Current Fire Danger Map
- ▶ Tropical Cyclone Warnings and Information
- ▶ Marine Reference Points





gov.au/nsw/warnings/flood/wilsons.shtml

[Bureau Home](#) / [Australia](#) / [New South Wales](#) / [Warnings Summary](#) / [Flood Warning - Wilsons](#)

## Flood Warning - Wilsons

IDN36602

Australian Government Bureau of Meteorology, **New South Wales**

**TOP PRIORITY: The Bureau and Emergency Services would appreciate this message being broadcast regularly.**

### Major Flood Warning for the Wilsons River at Lismore

Issued at 7:55 pm EDT on Wednesday 30 March 2022

Flood Warning Number: 16

MAJOR FLOODING OCCURRING AT LISMORE WITH RIVER LEVELS CONTINUING TO RISE

THE LISMORE LEVEE HAS BEEN OVERTOPPED WEDNESDAY MORNING

Intense rainfall rates overnight Tuesday into Wednesday has resulted in rapid river rises and major flooding at Lismore. The Wilsons River at Lismore exceeded the levee height around 8:30 am Wednesday morning.

Further rises are expected with bands of heavy rain affecting the Richmond and Wilsons River catchment to persist for the remainder of Wednesday as a low pressure system moves slowly to the south. Upstream of the Wilsons River at Woodlawn and Leycester Creek two peaks have been observed. River levels at Tuncester are still rising, and Woodlawn is yet to see the second peak from upstream. River levels at Lismore have been steady for the last few hours, but further rises from waters upstream are still expected.

A Severe Weather Warning is current for the Northern Rivers, Mid North Coast and Hunter Forecast Districts.

The situation is being closely monitored and revised predictions will be provided if necessary.

A major flood warning is current for the Richmond River.

#### Wilsons River:

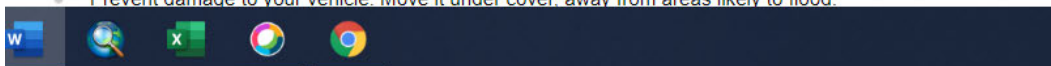
Major flooding is occurring along the Wilsons River.

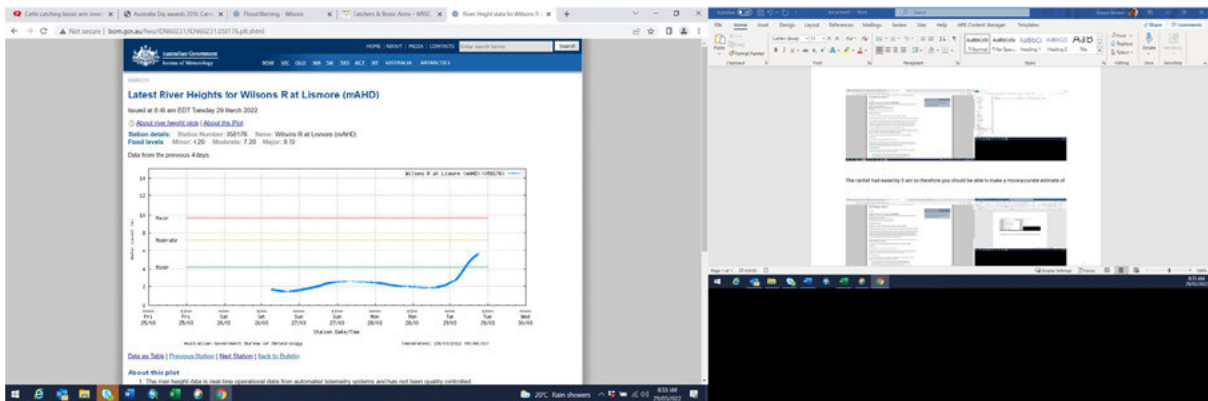
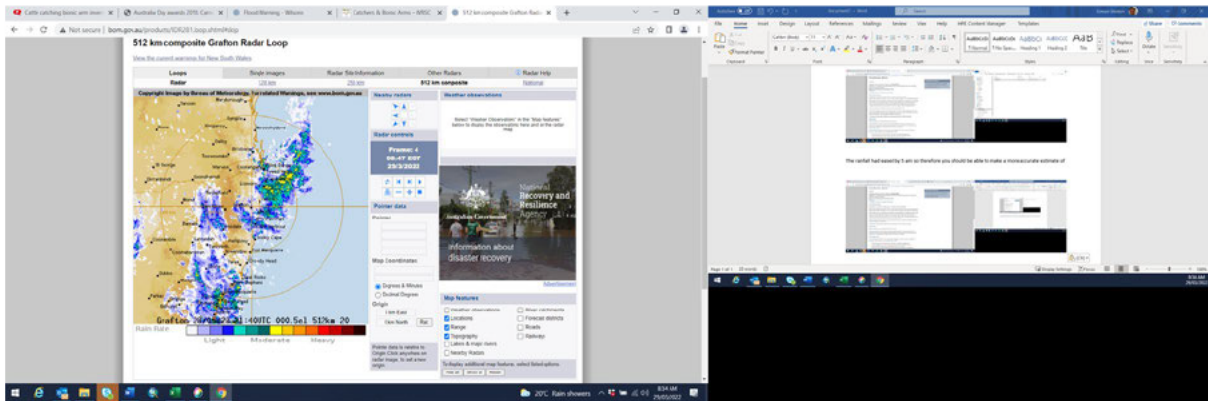
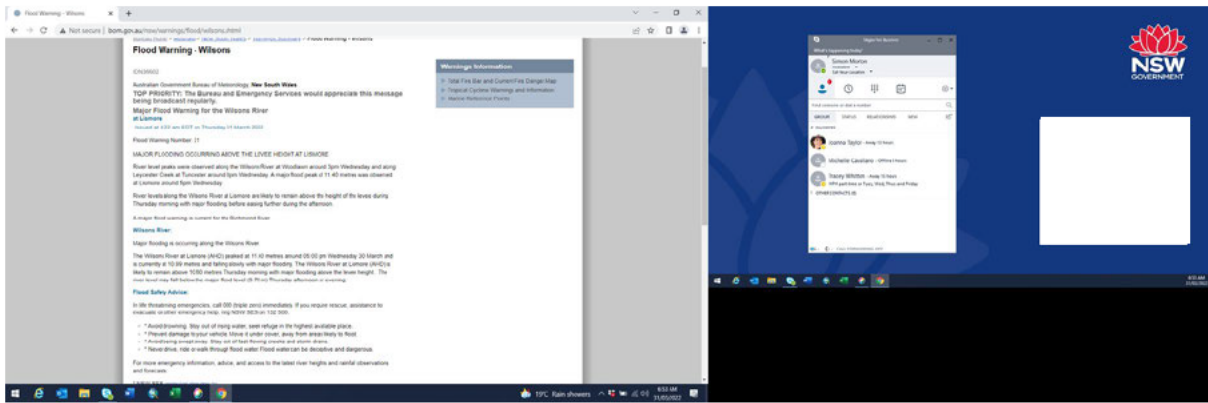
The Wilsons River at Lismore (AHD) may reach around 12.00 metres overnight Wednesday into Thursday, with major flooding. Further rises possible.

#### Flood Safety Advice:

In life threatening emergencies, call 000 (triple zero) immediately. If you require rescue, assistance to evacuate or other emergency help, ring NSW SES on 132 500.

- \* Avoid drowning. Stay out of rising water, seek refuge in the highest available place.
- \* Prevent damage to your vehicle. Move it under cover, away from areas likely to flood.





Blind Freddy can see from the shape of this hydrograph that it definitely not going to reach 10.6 m at 2 pm....it will be lucky to reach 7 m

INFO FOR 2022 NSW FLOOD INQUIRY