

New Defined Flood Event and Levels

and how it applies to new habitable Building Work



Information sheet for attendees to the drop-in session held 15th December 2023

What has been updated since the last update in 2012?

Council has undertaken significant updates to flood modelling dataset, with flood modelling information now available over the following waterways within the region:

- Mary River
- Amamoor Creek
- Widgee Creek
- Nangur Creek (at Goomeri only)
- Yabba Creek
- Eel Creek
- Wide Bay Creek
- Cooloola Cove
- Kandanga Creek
- Tinana Creek
- Curra Creek
- Tin Can Bay

The State Government has also released an updated State Planning Policy (SPP), which expresses the state's interests in land use planning and development. The updated SPP has an increased focus on Queensland's resilience to natural hazards and the effects of climate change.

How has the defined flood event changed?

The defined flood event (DFE) has been updated from the existing 1% AEP (or 1-in-100 year) flood event to include an allowance for the impacts of climate change in line with the SPP. The adopted DFE is referred to as the Future Climate 1% AEP flood event.

How has the flood hazard area mapping changed?

The flood hazard area mapping has been updated to include any properties impacted by the DFE. The premise for this change is to ensure new building works being undertaken near the extents of the future climate 1% AEP flood event are done so with full awareness of the adjacent flood hazard.

Is the updated information relating to the Building Regulation and flood levels available to the public?

Yes. The information will be published on Council's website, via the online mapping portal, found at: <https://maps.gympie.qld.gov.au/>

Is the information provided on Council's online mapping going to nominate the finished floor level for new habitable buildings?

The online mapping will use the following acronyms to clearly define the data being presented:

- **FFL** = Finished Floor Level, as defined by the *Building Regulation 2021*.
- **DFL** = Defined Flood Level, as defined by the *Building Regulation 2021*.

For the most part, the information provided on Council's online mapping will state the defined flood level (DFL) for that property. This will apply to applications for new habitable buildings.

Will Council have the flood data required to inform building works within extents of the Future Climate 1% AEP flood event?

Yes, Council will be able to provide the depth and velocity of the flood waters at discrete locations within the flood extents (refer to Council's Fees and Charges for the cost of this service).

For more complex scenarios, the flood model can be purchased from Council for use by a Flood Engineer / Modeler (refer to Council's Fees and Charges for the cost of this service).