

# Maroon Dam - notifications

## Dam operations and notifications



### About Maroon Dam

Maroon Dam is one of 23 un-gated dams managed by Seqwater in South East Queensland.

Completed in 1974, Maroon Dam is situated on Burnett Creek. It is part of our region's drinking water supply and provides water for irrigation along Burnett Creek and the Logan River.

While Maroon is an un-gated dam, we operate it differently from other un-gated dams.



Instead of water flowing over the spillway and safely out of the dam when the dam reaches full supply level - which is typically how un-gated dams release or 'spill' water - we release water from Maroon Dam through cone valves.

The dam wall has a clearance of 10.4 metres above its full supply level for flood mitigation purposes. This allows for water to be temporarily stored and released slowly, minimising the impacts of rising river levels downstream of the dam.

After rainfall in the catchment causes inflows into the dam, we release water from three cone valves in the dam embankment. These increased releases (above the releases that occur as part of normal operations) allow the level of the dam to return to its full supply level which is 44,319 million litres.

### Changes to notifications

To better reflect the way we operate Maroon Dam, we have changed the content of our Maroon Dam notifications as part of our Dam Release Notification Service.

If you subscribe to Maroon Dam, we will notify you when Maroon Dam outflows have been increased from the cone valves, rather than notify you that the dam is spilling as we do with the other un-gated dams.

These releases are made to return the dam to full supply level and do not refer to the water releases made as a result of orders from irrigation customers downstream.

Below are the changed notifications for Maroon Dam.

- **Notification #1** – Seqwater advises Maroon Dam outflows have been increased due to continuing rain in the catchment.

Avoid potential hazards downstream of the dam such as fast flowing or deep water near waterways and floodplains. These hazards potentially threaten the safety of you and your property.

Seqwater will send another notification to subscribers if the Bureau of Meteorology commences issuing Flood Warnings and River Height Bulletins for the Logan River Catchment, covering areas from Maroon Dam to Logan City.

- **Notification #2** – Seqwater advises Maroon Dam outflows have returned to normal levels for irrigation and water supply. This means increased outflows are no longer occurring.

These notifications should be read in conjunction with the Terms and Conditions for subscribing to Seqwater's dam release notification service.

## Dam Release Notification Service

If you subscribe to notifications for Maroon Dam, you will receive notifications through your preferred channel (email, SMS or recorded message to landline) when Maroon Dam releases commence and when the releases stop.

We do not provide information on the expected timing of releases from Maroon Dam or our other un-gated dams.

## Use of the notification information

A spillway flow or cone valve release from an un-gated dam is only one source of water contributing to flows in rivers or watercourses downstream of the dam.



In considering the information provided by the notification service, subscribers should be aware of other sources of potential flooding, including flows from catchments downstream of the dam, overland flows from adjoining or nearby land, localised flash flooding downstream of the dam, and stormwater system releases.

Our dam release notification service only provides information about the dams you select and does not provide information about any other potential sources of flooding.

The notification service does not provide information on river levels at gauges, or predictions about areas that may be inundated by flood waters in a flood event.

Other sources of information include:

- details of road closures, inundation flood mapping and information about any evacuation arrangements - your local council and Local Disaster Management Group
- weather forecasts and information on changes in river levels at particular gauge locations - the Bureau of Meteorology
- emergency services warnings - Police and Queensland Fire and Emergency Services.