



# Kroombit Dam

## Fact Sheet

### Dam Details

<b>WATERCOURSE</b> Kroombit Creek	<b>NEAREST TOWN</b> Biloela
<b>UPSTREAM DAM CATCHMENT AREA</b> 328km <sup>2</sup>	<b>STORAGE CAPACITY &amp; LEVEL AT 100%</b> 14,600ML, 265.8m AHD
<b>TOTAL CALLIDE VALLEY CATCHMENT AREA</b> 4,650km <sup>2</sup>	<b>SPILLWAY CREST LEVEL</b> 265.8m AHD
	<b>OUTLET VALVE CAPACITY</b> 2.3m <sup>3</sup> /s

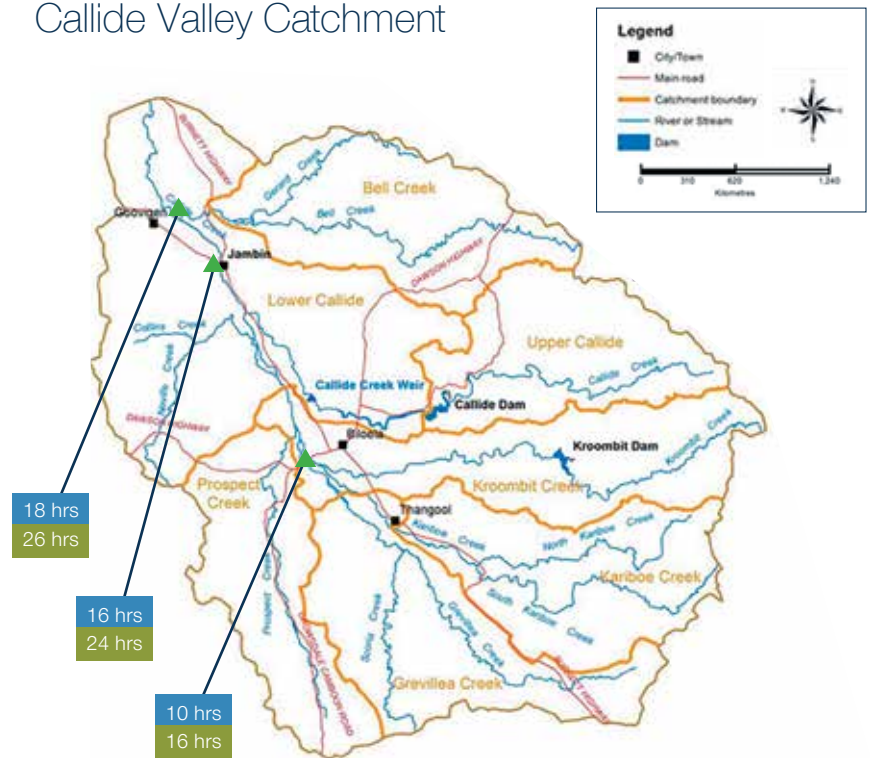
### What is the purpose of Kroombit Dam?

- Kroombit Dam is a key component of the Callide Valley Water Supply Scheme, located within the Fitzroy Basin.
- Kroombit Dam is a water supply dam for irrigation.
- The dam was not designed as a flood mitigation dam and does not include a flood mitigation compartment.
- The area downstream of Kroombit Dam receives flows from several major creek systems including Lower Callide, Kariboe, Prospect, Kroombit, Grevillea and Bell Creeks.

### What types of flows can be expected from Kroombit Dam?

- SunWater regularly makes water releases through the dam's outlet works based on:
  - » downstream demand for end users
  - » necessity to recharge underground water supplies.
- When the dam is full, further inflows to the dam are passed through the spillway to protect the integrity of the dam structure.

### Callide Valley Catchment



18 hrs  
26 hrs

16 hrs  
24 hrs

10 hrs  
16 hrs

Minimum travel time for outflows from Kroombit Dam to impact properties  
 Minimum travel time for peak outflows from Kroombit Dam to impact properties

Note: flood flows may arrive faster from other creeks. These times are for dam outflows only.



# SunWater Flood Warning Communications About Dam Outflows

**Please note that this information is complementary to the Banana Shire Council (BSC) and the Local Disaster Management Group's (LDMG) multi-channel notifications and warnings.**

Example Situation	SunWater actions	Where you can find information from SunWater	Typical messages from SunWater
<b>PREPAREDNESS</b> <i>High rainfall event possible, no certainty but possibility of dam outflow.</i>	<ul style="list-style-type: none"> <li>Regular updated dam levels available on website</li> <li>Notify BSC of current dam level</li> <li>Provide general community update regarding dam levels</li> </ul>	<ul style="list-style-type: none"> <li>Sunwater Facebook Page</li> <li>Twitter @SunWaterLimited</li> <li>SunWater Website</li> <li>SunWater App</li> </ul>	<ul style="list-style-type: none"> <li>To BCS:                             <ul style="list-style-type: none"> <li>current dam level</li> </ul> </li> <li>To general Callide Valley Community:                             <ul style="list-style-type: none"> <li>reference to BOM forecast</li> <li>current dam level</li> </ul> </li> </ul>
<b>DAM OUTFLOWS POSSIBLE OR EXPECTED &amp; FLOODING POSSIBLE</b> <i>Due to high rainfall forecast or in progress.</i>	<ul style="list-style-type: none"> <li>Notify LDMG &amp; Police</li> <li>Notify registered EAP downstream residents (near dam)</li> <li>Issue general community update</li> </ul>	<ul style="list-style-type: none"> <li>SMS (registered EAP downstream residents near dam)</li> <li>Sunwater Facebook Page</li> <li>Twitter @SunWaterLimited</li> <li>SunWater Website</li> <li>Radio Stations</li> <li>(SunWater will provide information to the following stations)                             <ul style="list-style-type: none"> <li>ABC (837 AM)</li> <li>ABC (94.9 FM)</li> <li>Breeze (89.7 FM)</li> <li>FRESH (91.9 FM)</li> <li>REBEL (88.9 FM)</li> <li>ZINC (92.7 AM)</li> </ul> </li> <li>SunWater App</li> </ul>	<ul style="list-style-type: none"> <li>To BSC, LDMG &amp; Police:                             <ul style="list-style-type: none"> <li>current dam level &amp; if levels are increasing</li> </ul> </li> <li>To general Callide Valley Community &amp; registered EAP downstream residents (near dam):                             <ul style="list-style-type: none"> <li>possible or expected dam outflows &amp; potential for flooding</li> <li>review your emergency plan</li> </ul> </li> </ul>
<b>DAM OUTFLOWS UNDERWAY &amp; FLOODING POSSIBLE</b> <i>Due to high rainfall underway across catchment.</i>	<ul style="list-style-type: none"> <li>Notify LDMG &amp; Police</li> <li>Notify registered EAP downstream residents (near dam) that outflows have commenced</li> <li>Issue general community update</li> </ul>		<ul style="list-style-type: none"> <li>To BSC, LDMG &amp; Police:                             <ul style="list-style-type: none"> <li>current dam level</li> <li>dam outflows have commenced</li> </ul> </li> <li>To general Callide Valley Community &amp; registered EAP downstream residents (near dam):                             <ul style="list-style-type: none"> <li>dam outflows have commenced</li> <li>review/enact your emergency plan/know when to evacuate</li> </ul> </li> </ul>
<b>FLOODING OCCURRING OR LIKELY NEAR DAM</b> <i>In blue, yellow &amp;/or red flood zone. (Refer map on centre page)</i>	<ul style="list-style-type: none"> <li>Notify LDMG &amp; Police</li> <li>Notify registered EAP downstream residents (near dam) of dam outflows and flooding is expected in blue, yellow &amp;/or red zone or greater</li> <li>Issue general community update</li> </ul>		<ul style="list-style-type: none"> <li>To BSC, LDMG &amp; Police:                             <ul style="list-style-type: none"> <li>dam outflows are occurring (including rate)</li> <li>downstream flooding in blue, yellow &amp;/or red zone or greater is expected</li> </ul> </li> <li>To general Callide Valley Community &amp; registered EAP downstream residents (near dam):                             <ul style="list-style-type: none"> <li>dam outflows are occurring</li> <li>floodings in blue, yellow &amp;/or red zone or greater is expected</li> <li>recommended action required</li> </ul> </li> </ul>
<b>OTHER DAM INCIDENTS</b> <i>E.g. major earthquake.</i>	<ul style="list-style-type: none"> <li>Liaise with State Disaster Coordination Centre to issue community-wide advice via state's emergency alert system</li> </ul>		<ul style="list-style-type: none"> <li>Description of situation at dam</li> <li>Enact your emergency plan/move to higher ground</li> </ul>
<b>DAM OUTFLOWS CEASED</b> <i>Flooding may still be underway downstream and across the catchment.</i>	<ul style="list-style-type: none"> <li>Notify registered EAP downstream residents (near dam) that dam outflows have ceased</li> <li>Issue general community update as required</li> </ul>		<ul style="list-style-type: none"> <li>To BSC, LDMG &amp; Police:                             <ul style="list-style-type: none"> <li>current dam level</li> <li>monitor dam levels on SunWater website</li> </ul> </li> <li>To general Callide Valley Community &amp; registered EAP downstream residents (near dam):                             <ul style="list-style-type: none"> <li>outflows have ceased</li> <li>further updates will be provided if dam outflows are likely to recommence</li> </ul> </li> </ul>
<b>Other sources of information</b>			
Banana Shire Council website	<a href="http://www.banana.qld.gov.au">www.banana.qld.gov.au</a>		
Banana Shire Disaster Management Information Facebook Page	<a href="https://www.facebook.com/Banana-Shire-Disaster-Management-Information-182147428505827">www.facebook.com/Banana-Shire-Disaster-Management-Information-182147428505827</a>		
Bureau of Meteorology	<a href="http://www.bom.gov.au">www.bom.gov.au</a>		
ABC	<a href="http://www.abc.net.au/local">www.abc.net.au/local</a>		
SES Domestic & Business Disaster Plans	<a href="http://www.emergency.qld.gov.au/ses">www.emergency.qld.gov.au/ses</a>		
QFES	<a href="http://www.getready.qld.gov.au">www.getready.qld.gov.au</a>		
Ergon Energy	<a href="http://www.ergonenergy.com.au">www.ergonenergy.com.au</a>		
Queensland Government Disasters & Alerts	<a href="http://www.qldalert.com">www.qldalert.com</a>		



## Contact Details

To enquire about Kroombit Dam, please phone 13 15 89 or email us via the website: [www.sunwater.com.au/home/contactus](http://www.sunwater.com.au/home/contactus)

To view Kroombit Dam storage levels via the website: [www.sunwater.com.au/home/water-storage-levels/kroombit-dam](http://www.sunwater.com.au/home/water-storage-levels/kroombit-dam)

