



Kroombit Dam

Fact Sheet

Dam Details

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

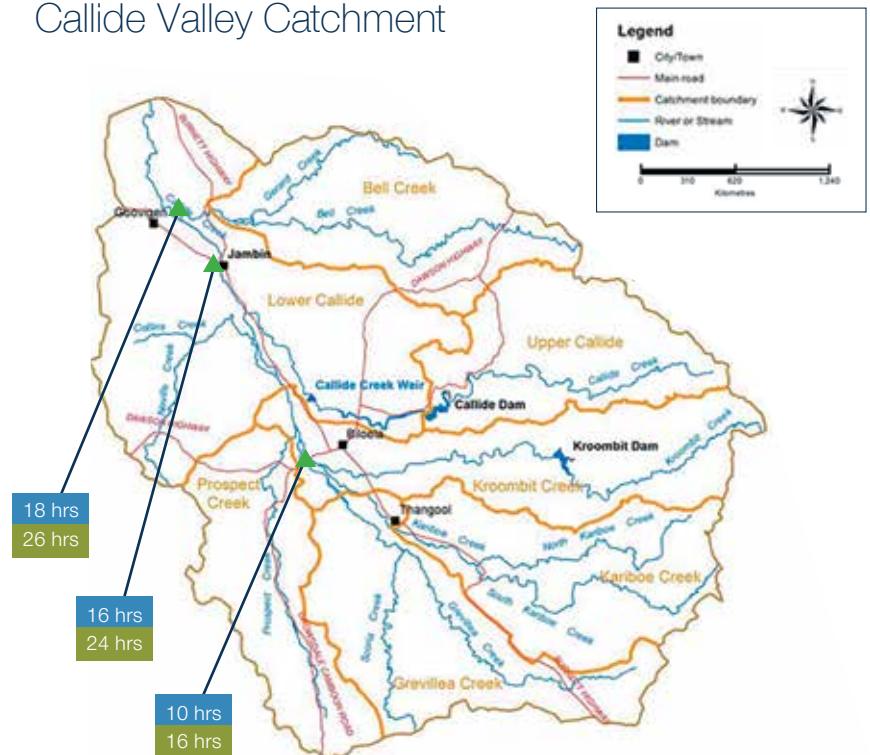
What is the purpose of Kroombit Dam?

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



Contact Details

To enquire about Kroombit Dam, please phone 13 15 89 or email us via the website: 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

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