



LAKE ENOGGERA REVIEW 2025

INFORMATION RATING



Stocking group: Brisbane Valley Anglers Fish Stocking Association

Species stocked: Australian Bass, Mary River Cod

Stocking timeframe: 2016-2024

Fish timeframe: 2020-2024

Fisher timeframe: 2020-2024

SEQwater link: <https://www.seqwater.com.au/things-to-do/enoggera-reservoir-walkabout-creek-foreshore>

Scroll through the dashboard to cover all subjects or for information on a specific subject go to:

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[MARY RIVER COD](#)



Product of Infofish Australia

Supported by Suntag, FFSAQ and BVA

LAKE ENOGGERA OVERVIEW

Summary for 2025

- Tagging in lake Enoggera commenced in 2020 with 693 fish tagged to date.
- There have been no recaptures in the lake however there have been 18 recaptures of fish from below the dam and elsewhere.

Lake Enoggera is a small lake on Enoggera Creek west of Brisbane that was first stocked in 2016 and since then there have been 37,400 Bass and 750 Mary River Cod released to end 2024.

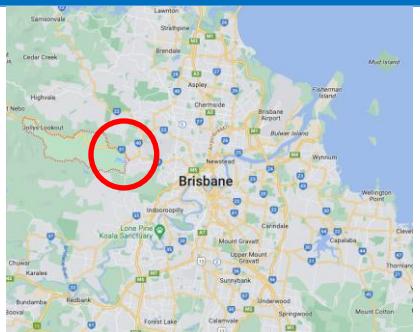
Due to its small size the lake spills almost every year and there appears to be a substantial exodus of fish from the lake when it spills. This is supported by the lack of recaptures in the lake, recaptures of fish further afield, increased tagging of fish in Enoggera Creek, and the lack of larger fish tagged in the lake.

The lake spilled during much of 2022 and reached 244% in March. Since then, there have been 18 recaptures below the dam and elsewhere. There were 4 fish recaptured immediately below the dam and returned to the lake. There has been 1 fish recaptured in the upper Brisbane River and 6 fish recaptured in the Bremer River at Ipswich, all within a few kms of each other and around 100km from where they were tagged. With no recaptures in the lake, it is possible/likely that there were significant escapements of fish from the lake when it spilled.

The lake spilled in Feb 2024 and reached 135% and again in Dec at 199%. Two fish tagged after the 2022 spill were recaptured below the dam wall after the 2024 spills.

There have been no recordings of Mary River Cod from the lake although they were able to be tagged from 2023.

LAKE ENOGGERA LOCATION

	<p>Lake Enoggera 27.45°S 152.92°E</p>	
LAKE		

LAKE

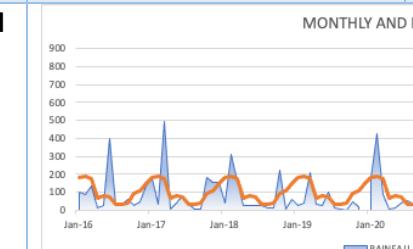
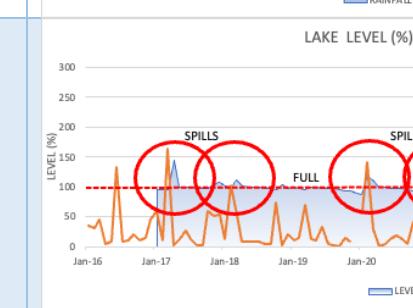
**Lake Enoggera
Grid map
Enoggera LEN**

Surface area

0.7km²



ENVIRONMENTAL CONDITIONS

Brisbane Mean monthly rainfall (mm) Mean monthly air temperature (°C)	Rainfall Feb Temperature Dec-Feb	Max (mm) 187 Max (°C) 30	<p>RAINFALL AND TEMPERATURE</p> <p>RAINFALL (MM) TEMPERATURE (°C)</p> <p>JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC</p> <p>RAINFALL MEAN TEMPERATURE</p>
Monthly rainfall (mm) and mean monthly rainfall 2016-2025	 <p>MONTHLY AND MEAN RAINFALL (MM)</p> <p>RAINFALL MEAN</p>		
Lake level (%) Monthly rainfall (mm) Spills Most years 2022 largest (244%)	 <p>LAKE LEVEL (%) AND RAINFALL (MM)</p> <p>LEVEL (%) RAINFALL (MM)</p> <p>SPILLS FULL</p> <p>LEVEL RAINFALL</p>		

FISHERS

DATA RELIABILITY

Sample size (days fished)

Tag days (blue arrow)

Recaptures (orange arrow)

Confidence %

Error %

2021-2025

Reliability level	LOW	MODERATE	MODERATE	HIGH
Samples	10	41	68	271
Confidence	80%	80%	90%	90%
Error	20%	10%	10%	5%



FISHER ACTIVITY

Fishing seasonality

Taggers

Month

Days fished (113)

2020-2025

Months most fished

Nov

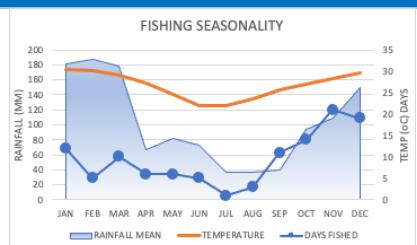
Dec

Oct

Months least fished

Jul

Aug



Fisher activity

Taggers

Month

Days fished 2020-2025

Days fished 113

Taggers Nov 19%

Dec 17%

Oct 12%

ENOGERA DAYS FISHED BY MONTH



Fisher activity

Taggers

Weekdays

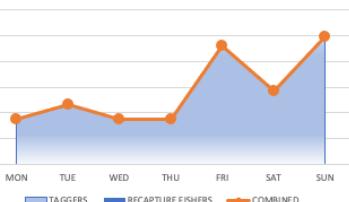
Days fished 2020-2025

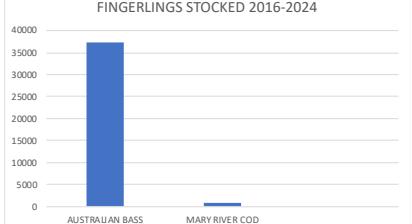
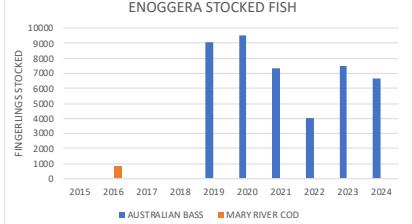
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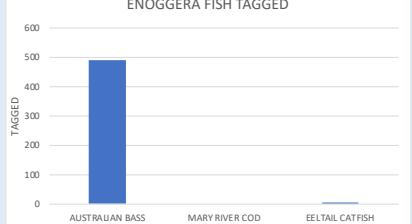
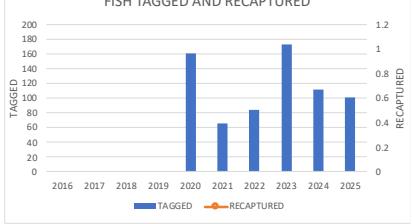
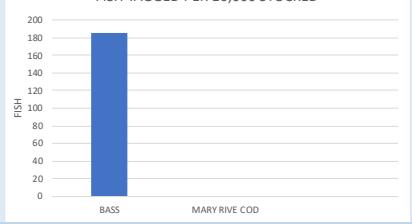
Taggers Weekend 39%

Weekdays 61%

ENOGERA DAYS FISHED BY WEEKDAY



FISH STOCKED																										
AUSTRALIAN BASS	MARY RIVER COD																									
																										
STOCKED																										
Fingerlings stocked 2016-2024	Bass 37,400 Mary River Cod 750	 <p>FINGERLINGS STOCKED 2016-2024</p> <table border="1"> <thead> <tr> <th>Species</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>AUSTRALIAN BASS</td> <td>37,400</td> </tr> <tr> <td>MARY RIVER COD</td> <td>750</td> </tr> </tbody> </table>	Species	Number	AUSTRALIAN BASS	37,400	MARY RIVER COD	750																		
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Fingerlings stocked by year 2016-2024		 <p>ENOGGERA STOCKED FISH</p> <table border="1"> <thead> <tr> <th>Year</th> <th>AUSTRALIAN BASS</th> <th>MARY RIVER COD</th> </tr> </thead> <tbody> <tr> <td>2016</td> <td>~100</td> <td>~100</td> </tr> <tr> <td>2019</td> <td>~9000</td> <td>0</td> </tr> <tr> <td>2020</td> <td>~9000</td> <td>0</td> </tr> <tr> <td>2021</td> <td>~7000</td> <td>0</td> </tr> <tr> <td>2022</td> <td>~4000</td> <td>0</td> </tr> <tr> <td>2023</td> <td>~7000</td> <td>0</td> </tr> <tr> <td>2024</td> <td>~7000</td> <td>0</td> </tr> </tbody> </table>	Year	AUSTRALIAN BASS	MARY RIVER COD	2016	~100	~100	2019	~9000	0	2020	~9000	0	2021	~7000	0	2022	~4000	0	2023	~7000	0	2024	~7000	0
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TAGGED																																
Species tagged Eeltail Catfish (native not stocked) 2020-2025	Tagged Bass 691 Eeltail Catfish 2 Mary River Cod 0 (can be tagged from 2023)	 <p>ENOGGERA FISH TAGGED</p> <table border="1"> <thead> <tr> <th>Species</th> <th>Tagged</th> </tr> </thead> <tbody> <tr> <td>AUSTRALIAN BASS</td> <td>691</td> </tr> <tr> <td>MARY RIVER COD</td> <td>0</td> </tr> <tr> <td>EELTAIL CATFISH</td> <td>2</td> </tr> </tbody> </table>	Species	Tagged	AUSTRALIAN BASS	691	MARY RIVER COD	0	EELTAIL CATFISH	2																						
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Fish tagged and recaptured by year 2020-2025	Tagged 693 Recaptured in lake 0 Recaptured below 18	 <p>FISH TAGGED AND RECAPTURED</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Tagged</th> <th>Recaptured</th> </tr> </thead> <tbody> <tr> <td>2016</td> <td>0</td> <td>0</td> </tr> <tr> <td>2017</td> <td>0</td> <td>0</td> </tr> <tr> <td>2018</td> <td>~500</td> <td>0</td> </tr> <tr> <td>2020</td> <td>~150</td> <td>~150</td> </tr> <tr> <td>2021</td> <td>~60</td> <td>~60</td> </tr> <tr> <td>2022</td> <td>~80</td> <td>~80</td> </tr> <tr> <td>2023</td> <td>~150</td> <td>~150</td> </tr> <tr> <td>2024</td> <td>~100</td> <td>~100</td> </tr> <tr> <td>2025</td> <td>~90</td> <td>~90</td> </tr> </tbody> </table>	Year	Tagged	Recaptured	2016	0	0	2017	0	0	2018	~500	0	2020	~150	~150	2021	~60	~60	2022	~80	~80	2023	~150	~150	2024	~100	~100	2025	~90	~90
Year	Tagged	Recaptured																														
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Fish tagged per 10,000 fingerlings stocked	Bass 185 Mary River Cod 0	 <p>FISH TAGGED PER 10,000 STOCKED</p> <table border="1"> <thead> <tr> <th>Species</th> <th>Tagged per 10,000</th> </tr> </thead> <tbody> <tr> <td>BASS</td> <td>185</td> </tr> <tr> <td>MARY RIVER COD</td> <td>0</td> </tr> </tbody> </table>	Species	Tagged per 10,000	BASS	185	MARY RIVER COD	0																								
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AUSTRALIAN BASS



DATA RELIABILITY

Sample size (fish/year)

Reliability level	LOW	MODERATE	MODERATE	HIGH
Samples	10	41	68	271
Confidence	80%	80%	90%	90%
Error	20%	10%	10%	5%

Tagged (blue arrow)



Recaptured (orange arrow)



Confidence %

Error %

2021-2025

TAGGED AND TAG RATE

Bass tagged and recaptured

2020-2025

Tagged

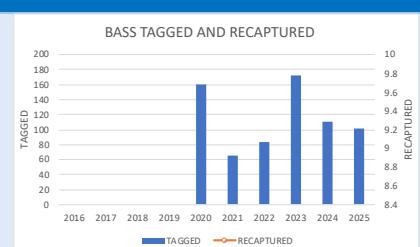
2020 2021 2025

160 66 101

Recaptured

Lake Below

0 18



Fish tagged and days fished

2020-2025

High Low Now

Fish tagged

2023 2021 2025

172 66 101

Days fished

2023 2022 2025

23 14 19



Tag rate

Fish/day

2020-2025

High Low Now

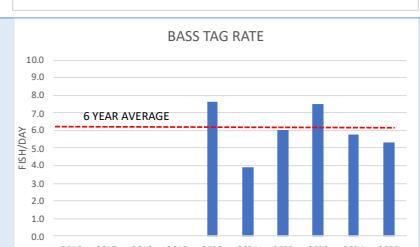
Fish/day

2020 2021 2025

7.6 3.9 5.3

5 year average

6.1

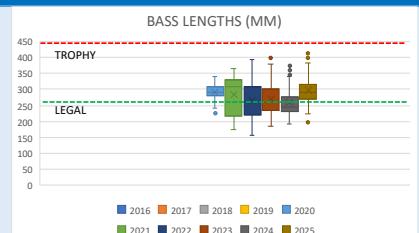


6 YEAR AVERAGE

LENGTHS

Average length (mm)
Bars show length range
Dots show outliers
2020-2025

	High	Low	Now
Average length	2020	2024	2025
2020	292	258	297
Max	2024	2020	2025
430	340	420	

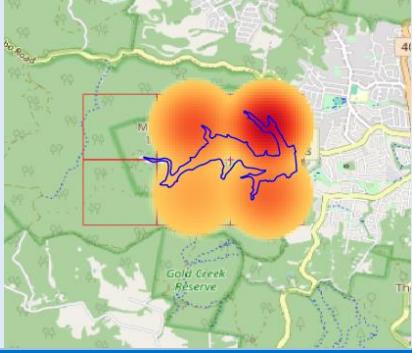


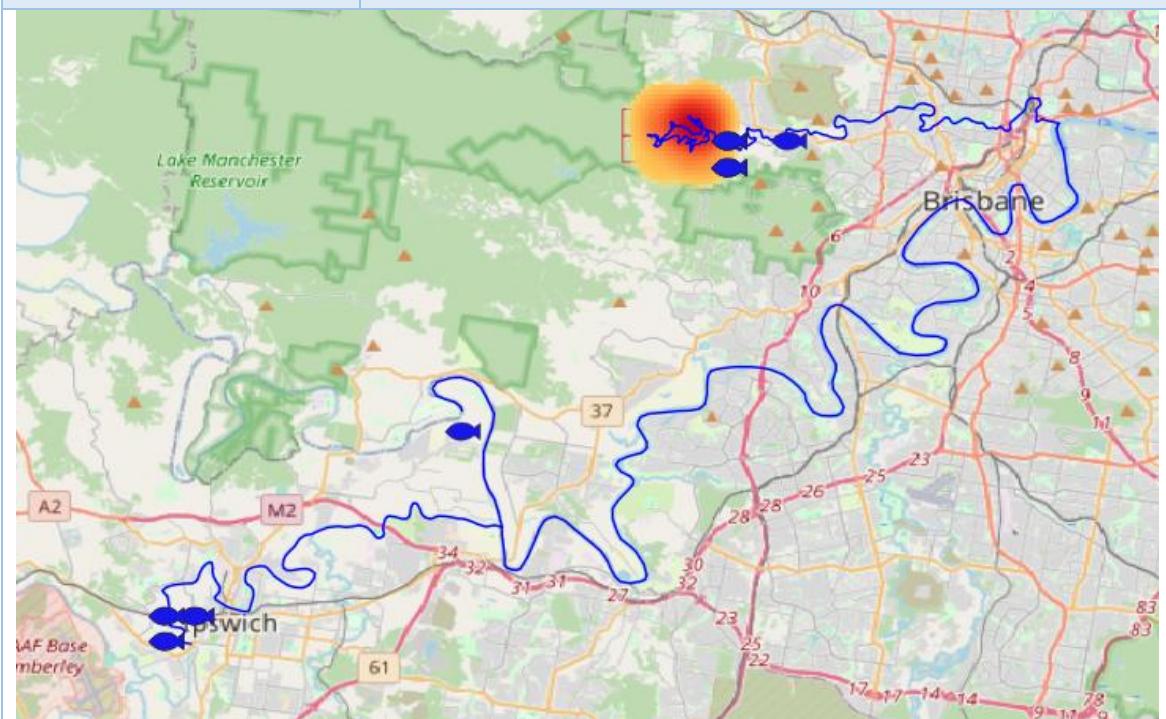
Fish lengths percentage
Undersize <300mm
Legal 300-500mm
Trophy 500+mm
2020-2025

	High	Low	Now
Legal-trophy	2021	2024	2025
58%	19%	45%	
Trophy			
No trophy fish in any year			



LOCATIONS

Locations Tagged Recaptured 2020-2025	Tagged fish Recaptured in lake	691 0	
RECAPTURE LOCATIONS BELOW DAM			
Tagged fish (red-orange heat map) Recaptured fish below dam (blue fish) 2020-2025	Recaptures Enoggera Creek Brisbane River Bremer River	18 11 1 6	



EELTAIL CATFISH



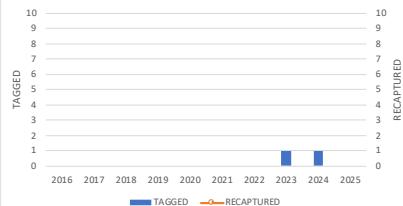
TAGGED

**Fish tagged
2020-2025**

Fish tagged

2

EELTAIL CATFISH TAGGED AND RECAPTURED



MARY RIVER COD



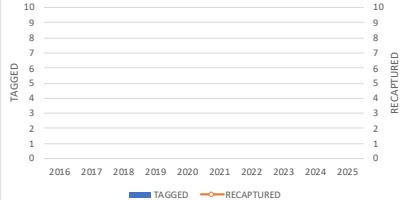
CAUGHT

**Fish tagged or recorded
2016-2025**

Fish recorded

0

MARY RIVER COD TAGGED AND RECAPTURED



Data sources

Data used in the Lake Enoggera Crystal Bowl are:

- Tag records and recapture records for the impoundments at <http://crystalbowl.infofishaustralia.com.au/>
- Dam level data from SEQwater at <https://www.seqwater.com.au/historic-dam-levels>
- Rainfall records from Station 040976 Brisbane Botanical Gardens Mount Coot-tha and temperature records from Station 040913 Brisbane <http://www.bom.gov.au/climate>.
- Stocked fish records from Brisbane Valley Anglers Fish Stocking Association.

Basis for analysis

- Data reliability for fishers based on the sample size over the past 5 years for days fished by taggers and by fishers recapturing fish.
- Data reliability for fish based on average number of fish tagged and recaptured over the past 5 years.
- Catch rates calculated as number of fish tagged/days fished.
- Undersized Bass are <300mm, legal fish are ≥ 300 and <500mm and trophy fish are ≥ 500 mm.
- Locations based on Infofish grid map LEN for the impoundment and other grid maps where fish were recaptured outside the impoundment.