

LAKE GLENLYON REVIEW 2025

INFORMATION RATING



Stocking group: Glenlyon Dam Fish Restocking Group

Species stocked: Murray Cod, Golden Perch, Silver Perch

Stocking timeframe: 2014-2023

Fish timeframe: 2016-2025

Fisher timeframe: 2021-2025

SIPS locations link:

<https://www.qld.gov.au/recreation/activities/boating-fishing/rec-fishing/dams/stocked-impoundment-permits/locations/glenlyon>

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

LAKE GLENLYON OVERVIEW

ENVIRONMENTAL CONDITIONS

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SPECIES

MURRAY COD

GOLDEN PERCH

RECAPTURES AFTER LOW LAKE LEVEL

EELTAIL CATFISH

SILVER PERCH

LAKE GLENLYON OVERVIEW

Summary for 2025

- Tagging in Lake Glenlyon slowed during Covid and has not recovered to pre-Covid levels and is currently below the benchmark level required for confidence.
- The recapture rate of 30.5% for Murray Cod is the highest for any species in any location suggesting a high level of effort and targeting.
- Data on recaptures after the lake was down to 3-4% suggests that Murray Cod survived better than Golden Perch.

Lake Glenlyon is regularly stocked by the local stocking group. From 2014-2023 there were 45,100 Murray Cod, 1.2 million Golden Perch and 65,000 Silver Perch fingerlings stocked. For every 10,000 fingerlings stocked there have been 71 Murray Cod tagged compared to 5 Golden Perch. No Silver Perch have been tagged. While 27 times more Golden Perch have been stocked than Murray Cod comparably there has been 16 times more Murray Cod tagged than Golden Perch.



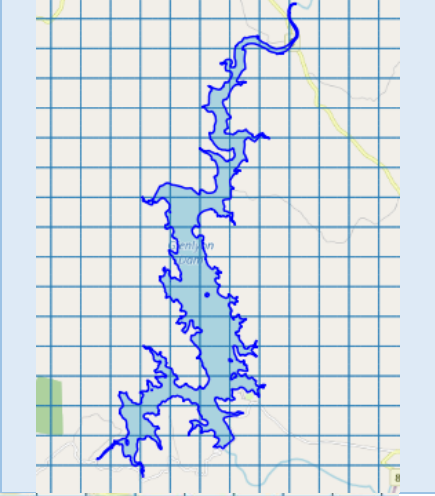
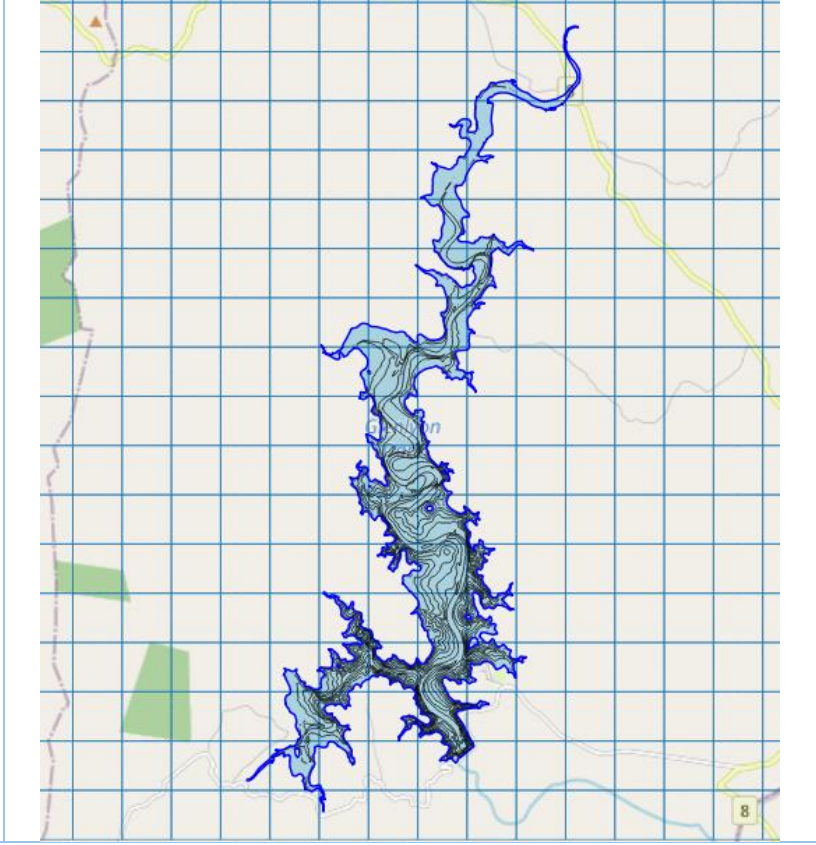
There are 2 parts to this fishery with Murray Cod mostly experiential while for Golden Perch it is mainly a harvest fishery. Previously Glenlyon was mostly a harvest fishery however has shifted towards an experiential fishery in the last few years, particularly for Murray Cod.

Based on where recapture fishers live Glenlyon is mainly fished by intrastate fishers from Gold Coast to Sunshine Coast and the Darling Downs, and interstate fishers from adjacent areas of northern NSW.

Tagging effort was down in 2020 and 2021 due to very low lake levels, restrictions from Covid and a significant *Salvinia* infestation (gone when dam spilled in late 2021) and remained low in 2022 with the lake spilling for much of the year. Tagging effort has remained low since 2023.

While tagging effort has been low from 2020-2025 the data still provides useful trend information. The recapture rate of 30.5% for Murray Cod is the highest for any species in any lake however the harvest rate of recaptured legal fish has fallen to 32% which reduces the impact on the fish.

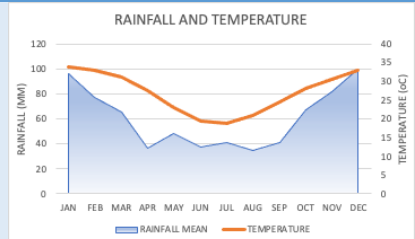
Fish tagged prior to the lake being at 3-4% from Oct 2019 – Feb 2020 that were recapture since suggests a high survival rate of Murray Cod even at very low water levels. There were 25 recaptures of Cod tagged before the low level and recaptured after while for Golden Perch just 2 fish have been recaptured. This suggests a lower survival rate of Golden Perch from this event given that there were slightly more Golden Perch than Murray Cod tagged up to that time.

| LAKE GLENLYON LOCATION | | |
|--|--|---|
|  | <p>Lat 28.96°S Lon 151.46°E</p> |  |
| LAKE | | |
| <p>Grid map Lake Glenlyon LGP Surface area 18.0km²</p> | |  |
| <p>Bathymetry</p> |  | |

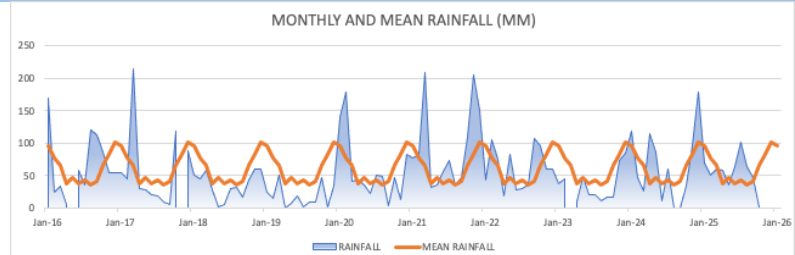
ENVIRONMENTAL CONDITIONS

Mean monthly rainfall
(mm)
Mean monthly air
temperature (oC)

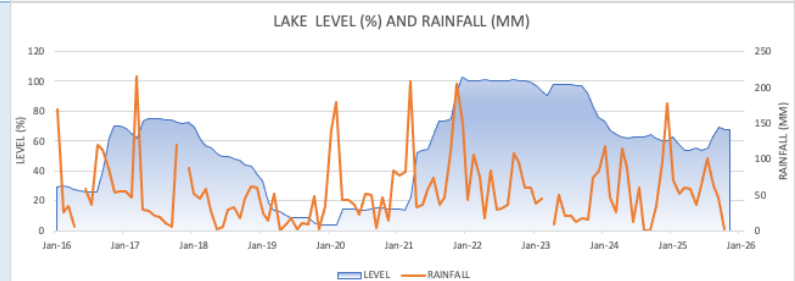
| | | |
|----------|-------|-----|
| Rainfall | Month | mm |
| Max | Dec | 100 |
| | Jan | 96 |
| Temp | Month | oC |
| Max | Jan | 34 |
| Min | Jul | 19 |



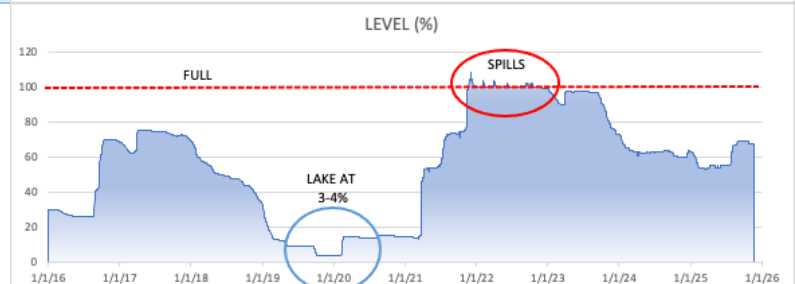
Mean monthly rainfall
(mm)
Monthly rainfall (mm)
2016-2025



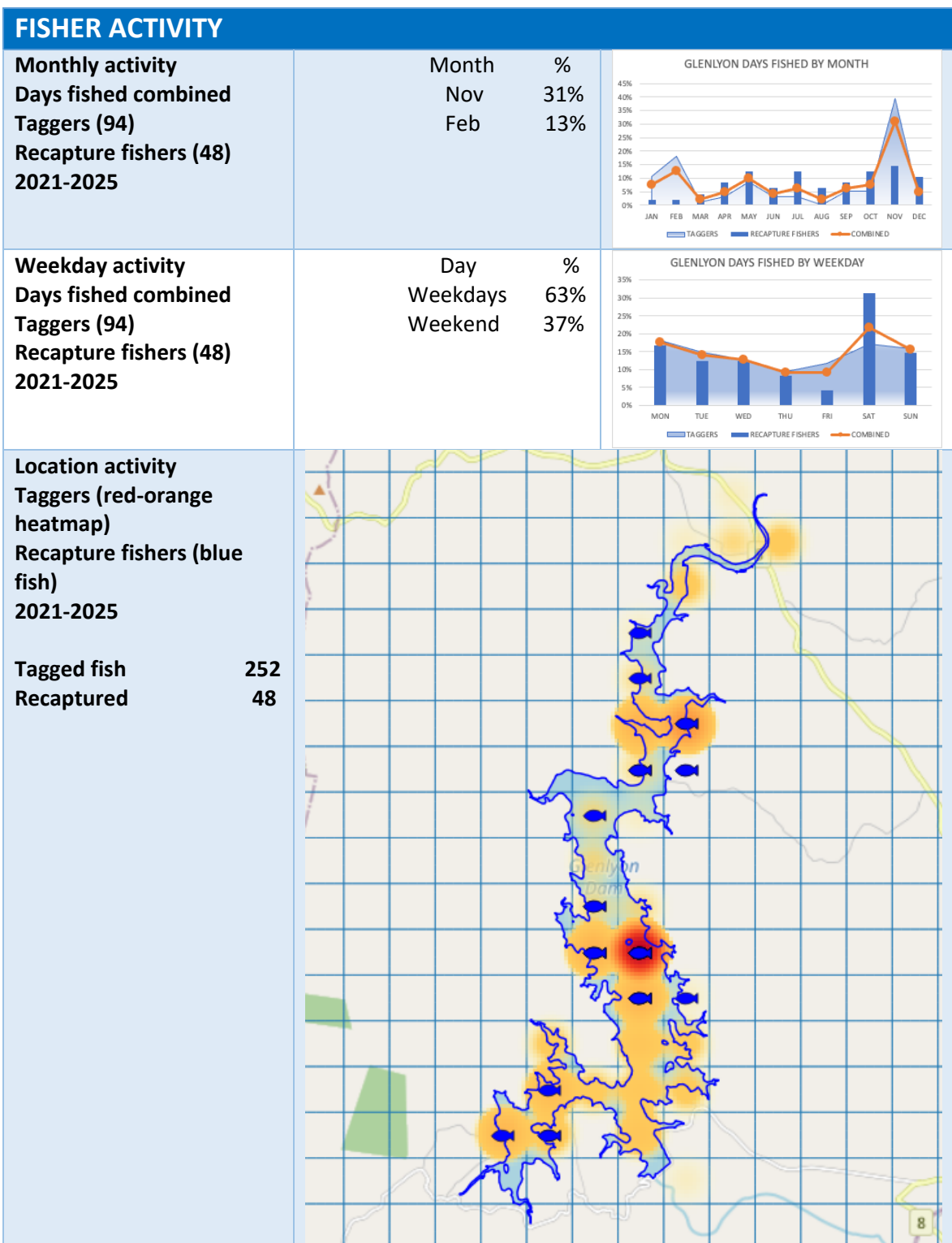
Lake level (%)
Rainfall (mm)
2016-2025

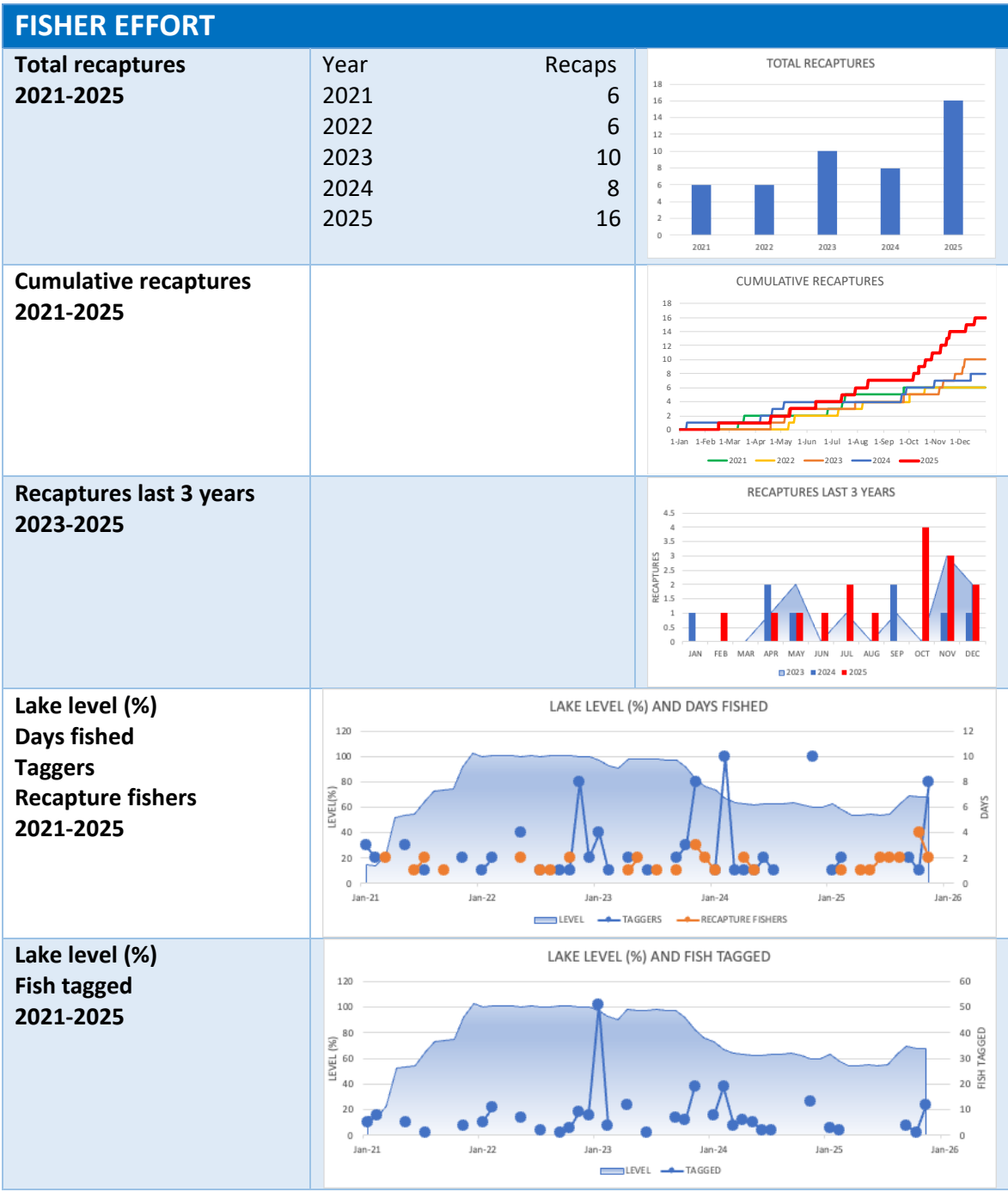


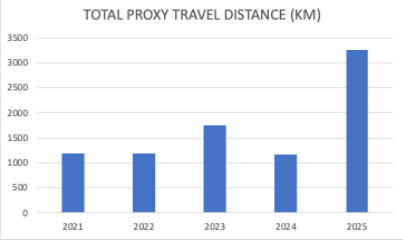
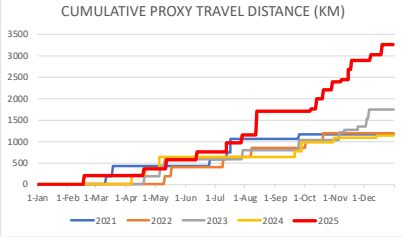
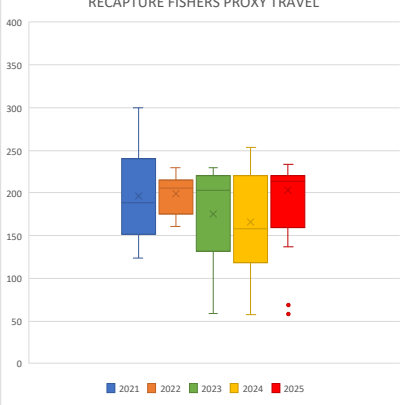
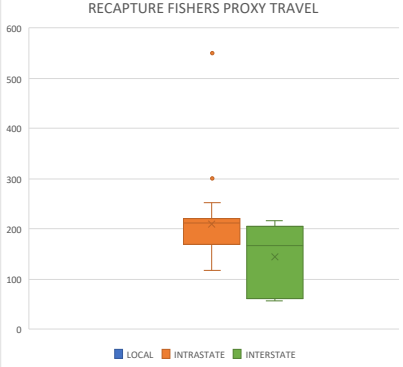
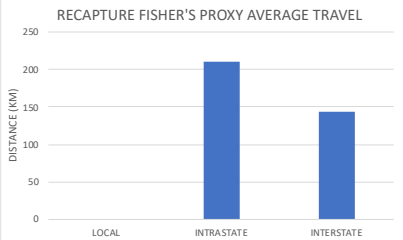
Lake level
2016-2025
10/19-2/20 level 3-4%
2022 spills

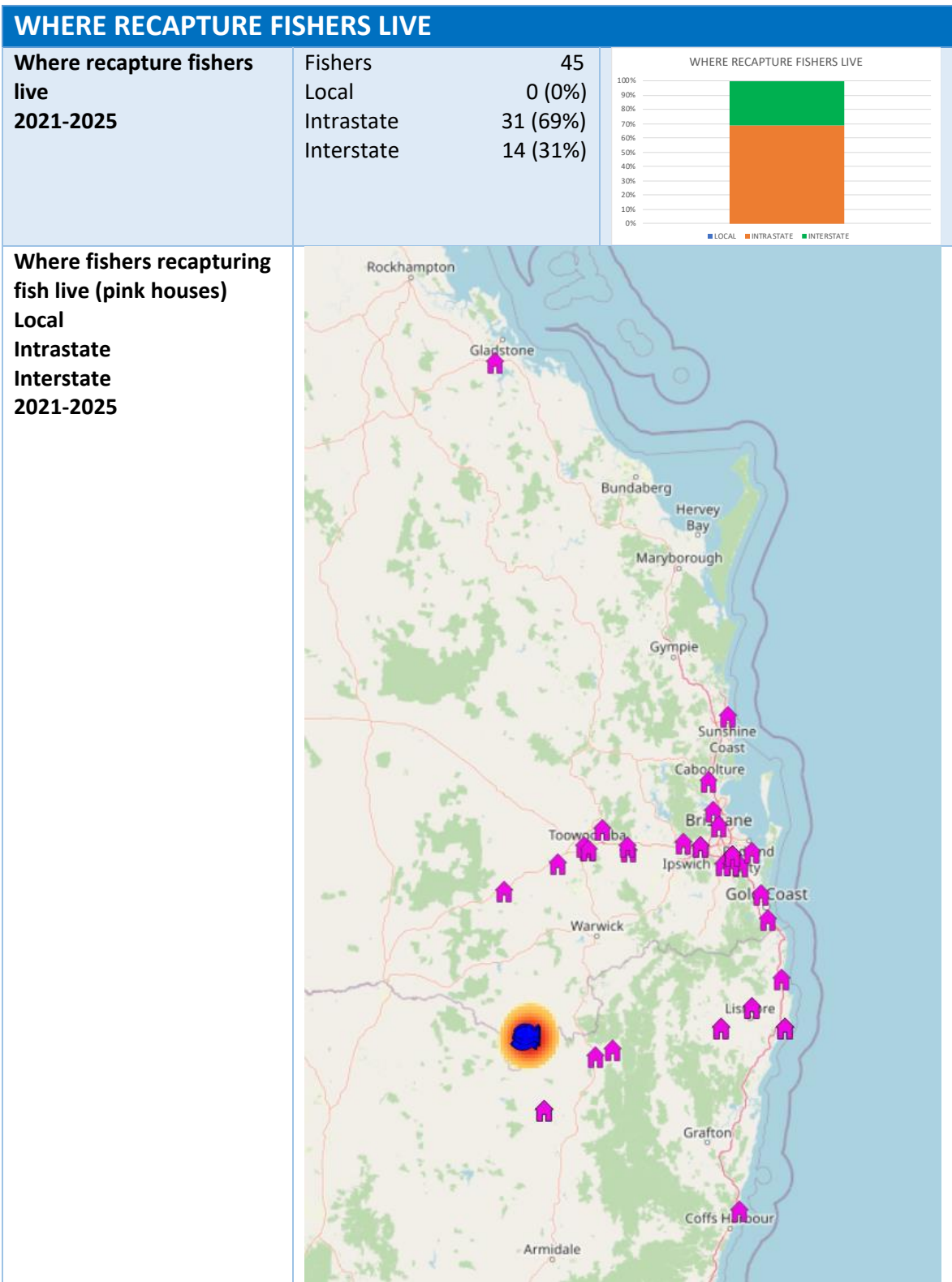





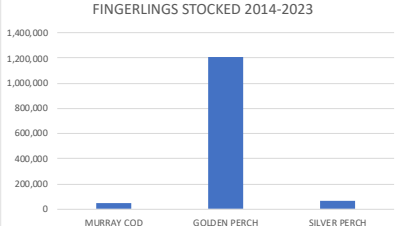
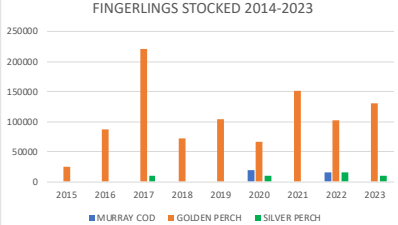
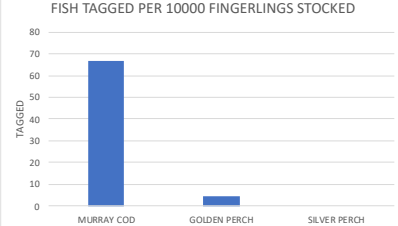
| TYPE OF FISHERY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|-----|----------|------|----------|------|--|---------|----|----|----|-----|-----|-----|------------|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|----|----|----|--|
| DATA RELIABILITY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sample size (days fished) Tag days (blue arrow) Recaptures (orange arrow) Confidence % Error % 2021-2025 | <table><tr><td>Reliability level</td><td>LOW</td><td colspan="2">MODERATE</td><td>MODERATE</td><td colspan="2">HIGH</td></tr><tr><td>Samples</td><td>10</td><td>41</td><td>68</td><td>271</td><td>384</td><td>664</td></tr><tr><td>Confidence</td><td>80%</td><td>80%</td><td>90%</td><td>90%</td><td>95%</td><td>99%</td></tr><tr><td>Error</td><td>20%</td><td>10%</td><td>10%</td><td>5%</td><td>5%</td><td>5%</td></tr></table> <div><div></div><div></div></div> | Reliability level | LOW | MODERATE | | MODERATE | HIGH | | Samples | 10 | 41 | 68 | 271 | 384 | 664 | Confidence | 80% | 80% | 90% | 90% | 95% | 99% | Error | 20% | 10% | 10% | 5% | 5% | 5% | |
| Reliability level | LOW | MODERATE | | MODERATE | HIGH | | | | | | | | | | | | | | | | | | | | | | | | | |
| Samples | 10 | 41 | 68 | 271 | 384 | 664 | | | | | | | | | | | | | | | | | | | | | | | | |
| Confidence | 80% | 80% | 90% | 90% | 95% | 99% | | | | | | | | | | | | | | | | | | | | | | | | |
| Error | 20% | 10% | 10% | 5% | 5% | 5% | | | | | | | | | | | | | | | | | | | | | | | | |
| Seasonality Mean monthly rainfall (mm) Days fished combined Taggers Recapture fishers 2021-2025 | Months most effort Most days Nov Feb | <div>FISHING SEASONALITY</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harvest or experiential fishery Release rate of recaptured legal Murray Cod and Golden Perch 2021-2025 | Legal fish kept rate Legal Murray Cod 19 Kept 6 (32%) Legal Golden Perch 12 Kept 8 (67%) | <div>TYPE OF FISHERY</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Local or visitor fishery Where recapture fishers live 2021-2025 | Recapture fishers 45 Local 0 (0%) Visitor 45 (100%) Note 5 interstate visitors live within local distance of 80km | <div>TYPE OF FISHER</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gender of recapture fishers 2021-2025 | Fishers 43 Female 4 (9%) Male 39 (91%) | <div>GENDER OF RECAPTURE FISHERS</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

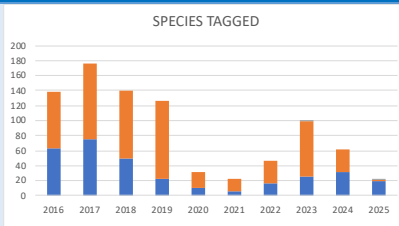
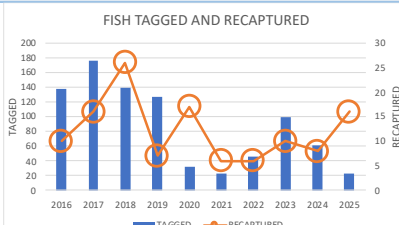




| FISHER TRAVEL | | |
|---|--|--|
| Total distance (km) home to recapture location 2021-2025 | Year | Kms |
| | 2021 | 1189 |
| | 2022 | 1193 |
| | 2023 | 1756 |
| | 2024 | 1157 |
| | 2025 | 3257 |
| | |  |
| Cumulative distance (km) home to recapture location 2021-2025 | | |
| | |  |
| Distance (km) home to recapture location Bars show distance range Dots show outliers 2021-2025 | | |
| | |  |
| Distance (km) home to recapture location Bars show distance range Dots show outliers 2021-2025 | Trips | 45 |
| | Local | 0 |
| | Intrastate | 118-550 |
| | Interstate | 57-217 |
| | Note: 5 interstate fisher trips are within local range | |
| | | |
| | |  |
| Proxy average travel distance (km) home to recapture location Local Intrastate Interstate 2021-2025 | Trips | 45 |
| | Local | 0 |
| | Intrastate | 210 |
| | Interstate | 144 |
| | | |
| | |  |



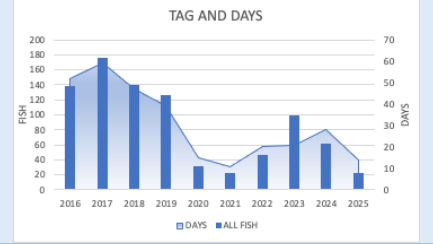
| SPECIES STOCKED | | |
|---|---|--|
| MURRAY COD | GOLDEN PERCH | SILVER PERCH |
|  |  |  |
| STOCKING | | |
| Fingerlings stocked 2014-2023 Able to be tagged 2016-2025 | Fingerlings Murray Cod 45,100 Golden Perch 1,208,000 Silver Perch 65,000 |  |
| Fingerlings stocked each year 2014-2023 | |  |
| Fish tagged 2016-2025 per 10,000 fish stocked 2014-2023 | Tagged/10,000 fingerlings Murray Cod 71 Golden Perch 5 Silver Perch 0 |  |

| TAGGED | | | | |
|-----------------------------------|-----------------|------|--------|--|
| Species tagged 2016-2025 | | | Tagged | |
| | Murray Cod | | 318 | |
| | Golden Perch | | 545 | |
| | Eeltail Catfish | | 2 | |
| | Silver Perch | | 0 | |
| | Total | | 865 | |
| | | | |  |
| Tagged Recaptured 2016-2025 | High | Low | Now | |
| | Tagged | | | |
| | 2017 | 2021 | 2025 | |
| | 176 | 23 | 22 | |
| | Recaptured | | | |
| | 2018 | 2022 | 2025 | |
| 26 | 6 | 16 | | |
| | | | |  |

EFFORT

| Tag and effort | Fish tagged | 865 |
|----------------|-------------|-----|
| Fish tagged | Days fished | 306 |
| Days fished | | |
| 2016-2025 | | |

| Year | ALL FISH (FISH) | DAYS (DAYS) |
|------|-----------------|-------------|
| 2016 | 140 | 55 |
| 2017 | 170 | 65 |
| 2018 | 140 | 55 |
| 2019 | 120 | 45 |
| 2020 | 30 | 15 |
| 2021 | 20 | 10 |
| 2022 | 45 | 20 |
| 2023 | 90 | 30 |
| 2024 | 60 | 25 |
| 2025 | 20 | 10 |



LOCATIONS

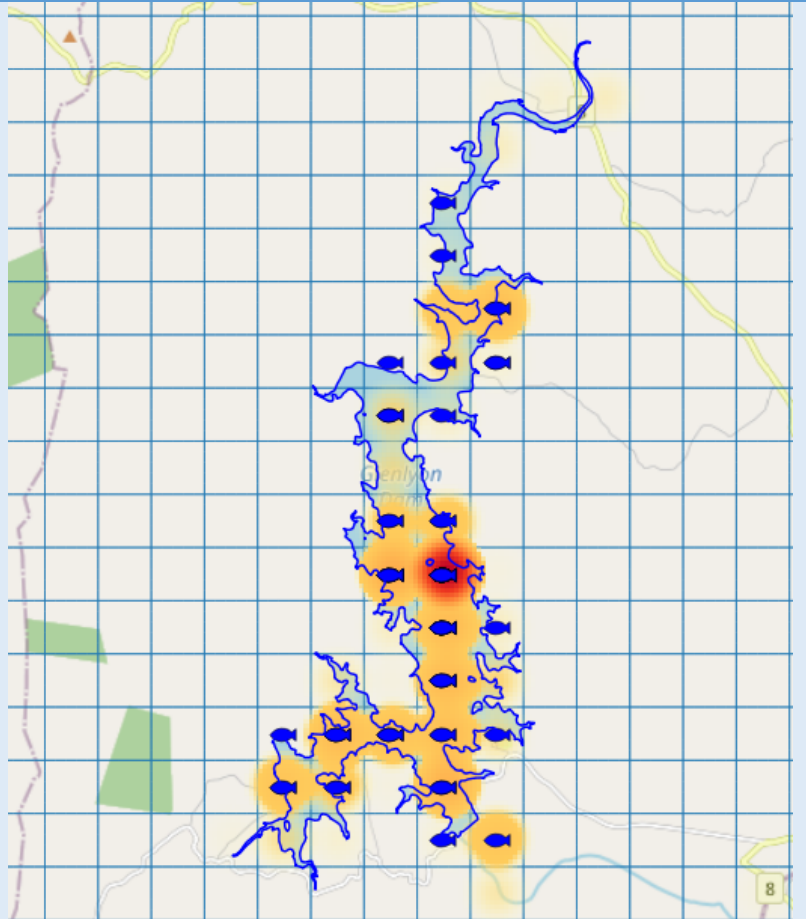
Tagged (red-orange heat map)
Recaptures (blue fish)
2016-2025

| Tagged | Recaptured |
|--------|------------|
| 865 | 122 |

The figure is a map of the San Joaquin River and its tributaries, showing the distribution of tagged fish and recaptured fish. The map is overlaid with a blue grid. A red-orange heat map indicates the locations of tagged fish, with a prominent cluster of high density in the central part of the river. Blue fish icons represent recaptured fish, with many icons located along the main stem of the river and its tributaries. The map is labeled 'San Joaquin River' and 'San Francisco Bay'. A legend on the left side of the map provides the following information:

- Tagged (red-orange heat map)
- Recaptures (blue fish)
- 2016-2025

| Tagged | Recaptured |
|--------|------------|
| 865 | 122 |



MURRAY COD



DATA RELIABILITY

Sample size (fish/year)
Tagged (blue arrow)
Recaptures (orange arrow)
Confidence %
Error %
2021-2025

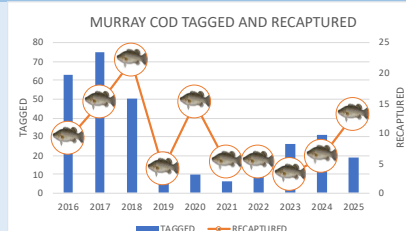
| Reliability level | LOW | | | MODERATE | | MODERATE | | HIGH | |
|-------------------|-----|-----|-----|----------|-----|----------|-----|------|-----|
| Samples | 10 | 41 | 68 | 271 | 384 | 664 | | | |
| Confidence | 80% | 80% | 80% | 90% | 90% | 95% | 95% | 99% | 99% |
| Error | 20% | 10% | 10% | 5% | 5% | 5% | 5% | 5% | 5% |



TAGGED AND TAG RATE

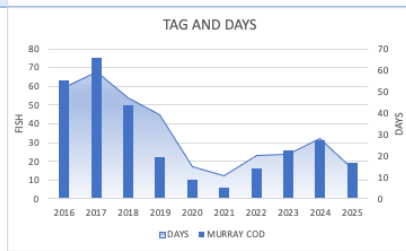
Murray Cod
Tagged
Recaptured (from year tagged)
2016-2025

Tagged 318
Recaptured 98
Recapture rate 30.5%
Tagged 2025 19



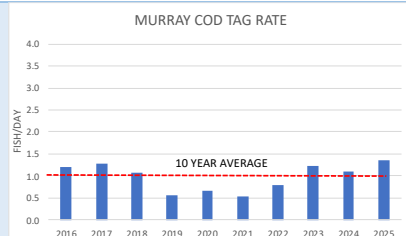
Catch and effort taggers
Fish caught
Days fished
2016-2025

| | High | Low | Now |
|-------|------|------|------|
| Catch | 2017 | 2021 | 2025 |
| | 75 | 6 | 19 |
| Days | 2017 | 2021 | 2025 |
| | 59 | 11 | 14 |



Catch rate
fish/day
2016-2025

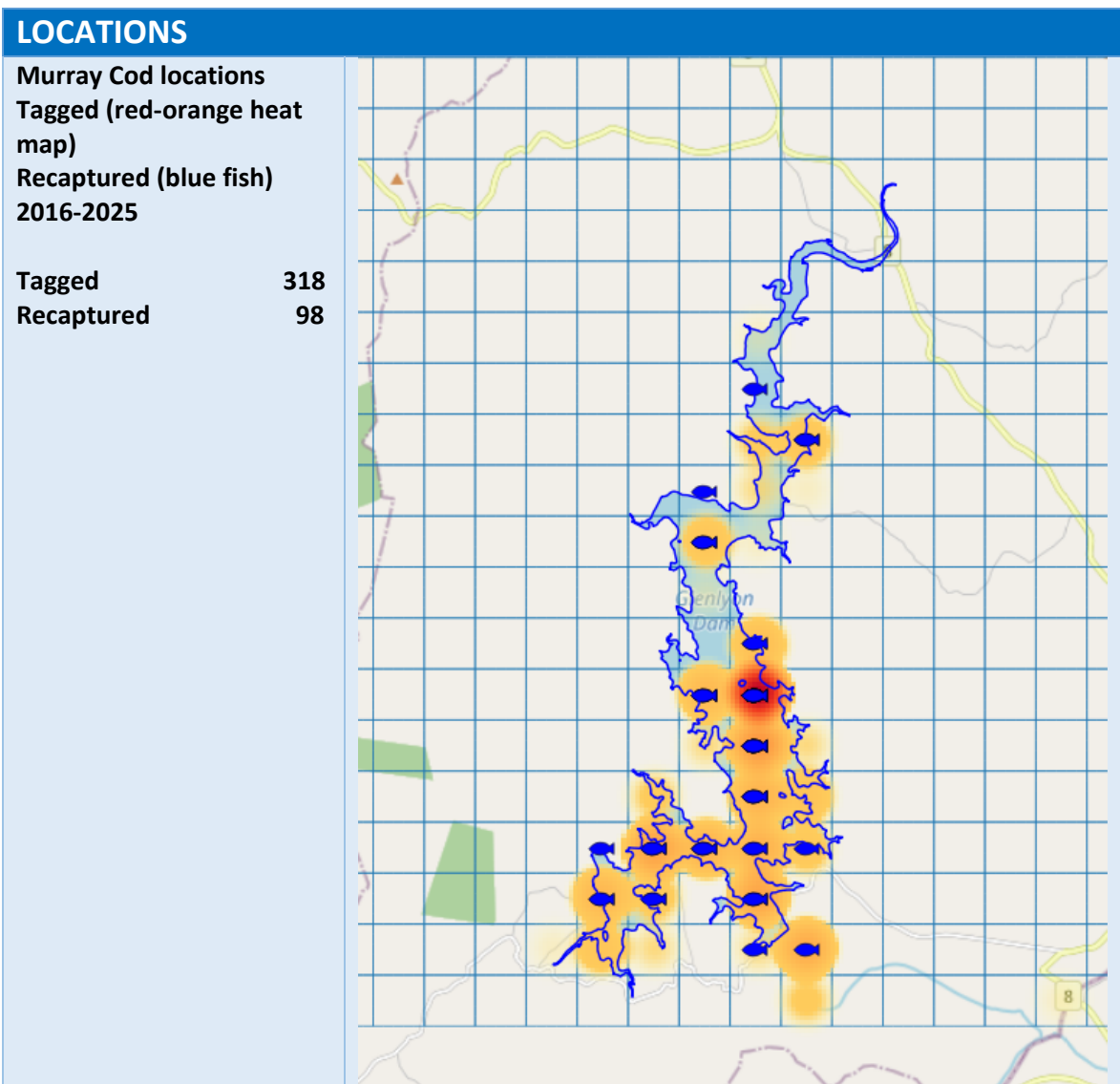
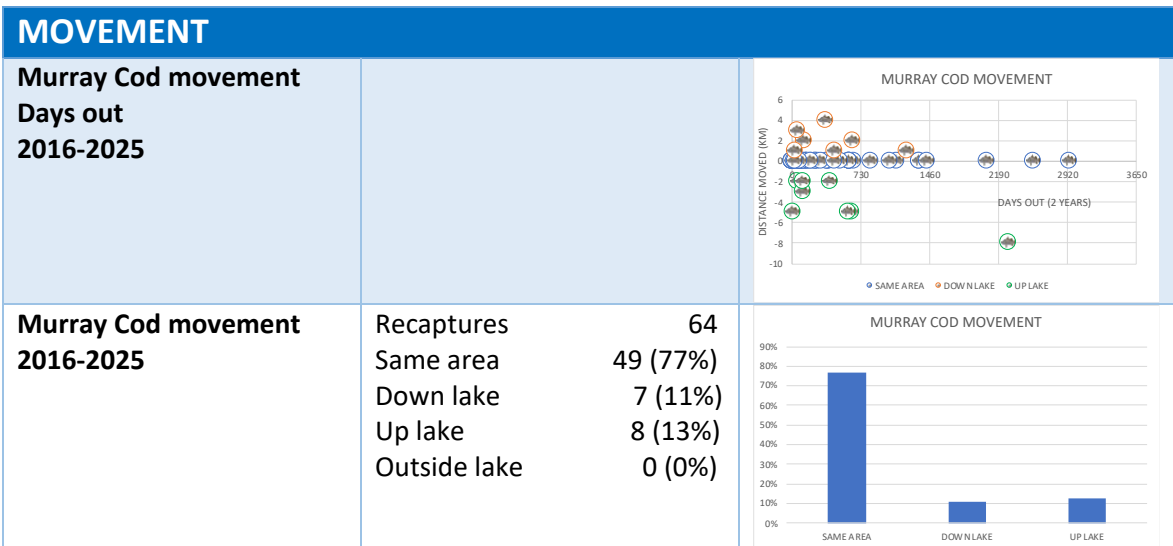
| | High | Low | Now |
|-----------------|------|------|------|
| Catch rate | 2017 | 2021 | 2025 |
| | 1.3 | 0.5 | 1.4 |
| 10 year average | | | 1.0 |




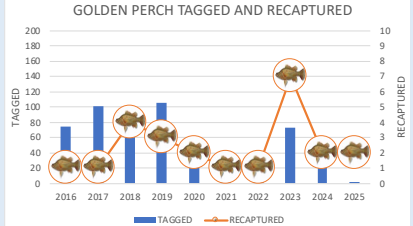
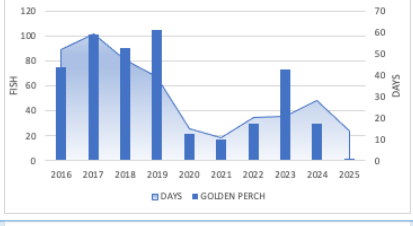
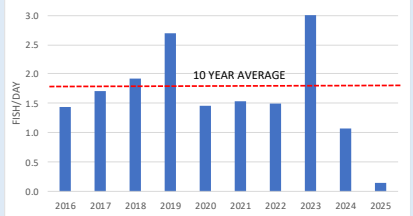


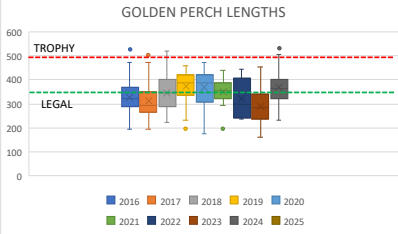
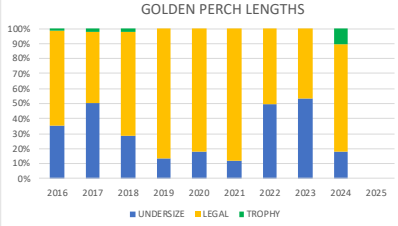
| LENGTHS | | | | | |
|---|--------------|-------|------|--|--|
| Average length (mm) 2016-2025 | High | Low | Now | | |
| | 2019 | 2022 | 2025 | | |
| | 566 | 408 | 541 | | |
| | Largest | | | | |
| | 2016 | 2022 | 2025 | | |
| | 1060 | 615 | 665 | | |
| Fish lengths percentage Undersize <600mm Legal 600-999mm Trophy 1000+mm 2016-2025 | High | Low | Now | | |
| | Legal-trophy | | | | |
| | 2018 | 2024 | 2025 | | |
| | 20% | 3% | 11% | | |
| | Trophy | | | | |
| | 2016 | 18-24 | 2025 | | |
| | 2% | 0% | 0% | | |

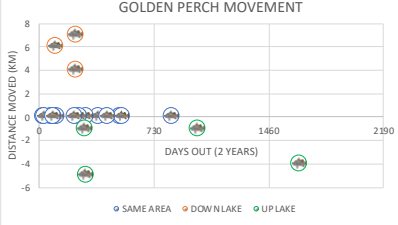
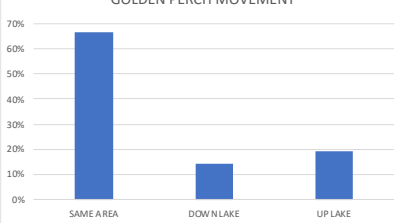
| GROWTH | | | | | |
|--|-------------|--|-----|--|--|
| Murray Cod growth at end of each year Tagged fish <500mm Recaptured fish 2016-2025 | Recaptures | | 20 | | |
| | Growth (mm) | | | | |
| | Year 1 | | 165 | | |
| | Year 2 | | 257 | | |
| | Year 3 | | 311 | | |
| | Year 4 | | 349 | | |
| | Year 5 | | 379 | | |

| SURVIVAL | | | | | |
|---|----------------------------|------------|--|--|--|
| Murray Cod survival based on recaptures by years out after tagging All years | Survival rate by years out | | | | |
| | Year | Recaptures | | | |
| | 1 | 139 | | | |
| | 5 | 22 | | | |
| | 10 | 3 | | | |
| | Longest time out (years) | | | | |
| | 9.6 | 1 | | | |
| Survival rates each year after tagging All years | Average | 0.67 (67%) | | | |
| | Range | 0.47-0.76 | | | |
| | | | | | |



| GOLDEN PERCH | | | | |
|---|---|------|---|--|
|  | | | | |
| DATA RELIABILITY | | | | |
| Sample size (fish/year) | Reliability level | LOW | MODERATE | HIGH |
| Tagged (blue arrow) | Samples | 10 | 41 | 68 |
| Recaptures (orange arrow) | Confidence | 80% | 80% | 90% |
| Confidence % | Error | 20% | 10% | 5% |
| Error % |   | | | |
| 2021-2025 | | | | |
| TAGGED AND TAG RATE | | | | |
| Golden Perch | Tagged | 545 |  | |
| Tagged | Recaptured | 24 | | |
| Recaptured | Recapture rate | 4.4% | | |
| 2016-2025 | Tagged 2025 | 2 | | |
| | | | | |
| Catch and effort taggers | High | Low | Now |  |
| Fish caught | Catch | | | |
| Days fished | 2019 | 2021 | 2025 | |
| 2016-2025 | 105 | 17 | 2 | |
| | Days | 2021 | 2025 | |
| | 59 | 11 | 14 | |
| Catch rate | High | Low | Now |  |
| Fish/day | Catch rate | | | |
| 2016-2025 | 2023 | 2024 | 2025 | |
| | 3.5 | 1.1 | 0.1 | |
| | 10 year average | | 1.8 | |

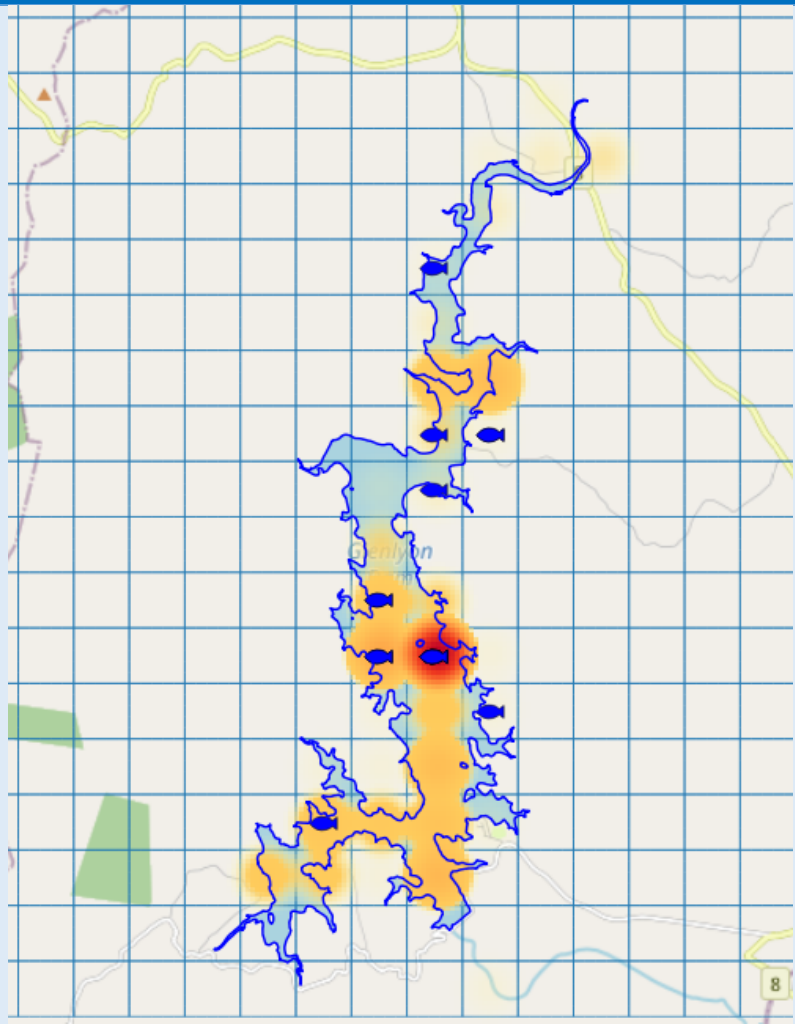
| LENGTHS | | | | |
|--|--------------|-------|------|--|
| Average length (mm) 2016-2025 | High | Low | Now |  |
| | 2019 | 2017 | 2025 | |
| | 375 | 313 | NA | |
| | Largest | | | |
| | 2024 | 2021 | 2025 | |
| | 535 | 440 | NA | |
| Fish lengths percentage Undersize <300mm Legal 300-499mm Trophy 500+mm 2016-2025 | High | Low | Now |  |
| | Legal-trophy | | | |
| | 2021 | 2023 | 2025 | |
| | 88% | 47% | NA | |
| | Trophy | | | |
| | 2024 | 19-23 | 2025 | |
| | 11% | 0% | NA | |

| MOVEMENT | | |
|--|--|--|
| Golden Perch movement Days out 2016-2025 | |  |
| Golden Perch movement 2016-2025 | Recaptures 20 Same area 14 (67%) Down lake 3 (14%) Up lake 4 (19%) Outside lake 0 (0%) |  |

LOCATIONS

Golden Perch locations
Tagged (red-orange heat
map)
Recaptured (blue fish)
2016-2025

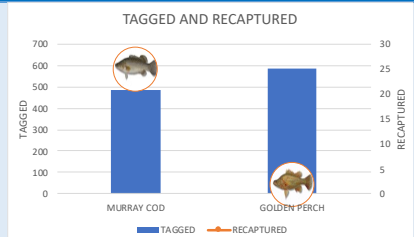
Tagged 545
Recaptured 24



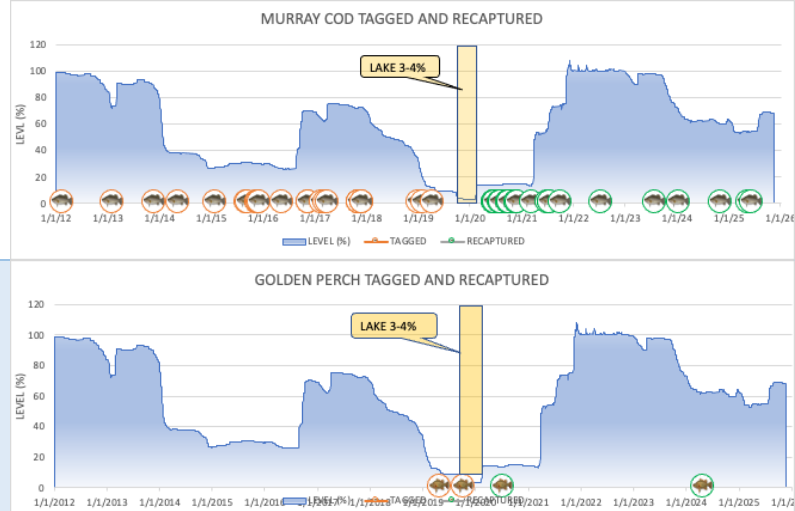
RECAPTURES AFTER LOW LAKE LEVEL


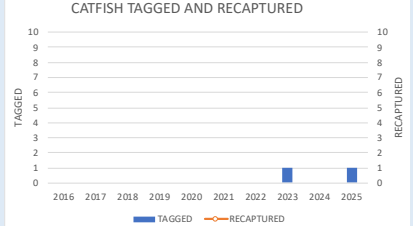
Recaptures after Feb 2020
Lake at 3-4% for 124 days
8/10/2019-9/2/2020
Fish tagged 2011-2019
Recaptured after 1/2/2020


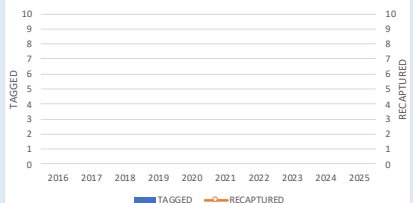
Tagged before low level
Murray Cod 483
Golden Perch 583
Recaptures after low level
Murray Cod 25
Golden Perch 2



Fish tagged prior Oct 2019
(orange fish)
Recaptured after 1/2/2020
(green fish)



| EELTAIL CATFISH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|------------|------|--------|------------|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Catfish tagged 2016-2025 | Tagged Recaptured | 2 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div> <div>CATFISH TAGGED AND RECAPTURED</div>  <table border="1"> <caption>Catfish Tagged and Recaptured Data</caption> <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>0</td><td>0</td></tr> <tr><td>2019</td><td>0</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>2</td><td>0</td></tr> <tr><td>2024</td><td>0</td><td>0</td></tr> <tr><td>2025</td><td>0</td><td>0</td></tr> </tbody> </table> </div> | | | Year | Tagged | Recaptured | 2016 | 0 | 0 | 2017 | 0 | 0 | 2018 | 0 | 0 | 2019 | 0 | 0 | 2020 | 0 | 0 | 2021 | 0 | 0 | 2022 | 0 | 0 | 2023 | 2 | 0 | 2024 | 0 | 0 | 2025 | 0 | 0 |
| Year | Tagged | Recaptured | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2016 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 2 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2025 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| SILVER PERCH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------|------------|------|--------|------------|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Silver Perch tagged 2016-2025 | Tagged Recaptured | 0 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div> <div>SILVER PERCH TAGGED AND RECAPTURED</div>  <table border="1"> <caption>Silver Perch Tagged and Recaptured Data</caption> <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>0</td><td>0</td></tr> <tr><td>2019</td><td>0</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td></tr> <tr><td>2024</td><td>0</td><td>0</td></tr> <tr><td>2025</td><td>0</td><td>0</td></tr> </tbody> </table> </div> | | | Year | Tagged | Recaptured | 2016 | 0 | 0 | 2017 | 0 | 0 | 2018 | 0 | 0 | 2019 | 0 | 0 | 2020 | 0 | 0 | 2021 | 0 | 0 | 2022 | 0 | 0 | 2023 | 0 | 0 | 2024 | 0 | 0 | 2025 | 0 | 0 |
| Year | Tagged | Recaptured | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2016 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2025 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Data sources

Data used in the Lake Glenlyon Crystal Bowl are:

- Tag records and recapture records for the impoundment at <http://crystalbowl.infofishaustralia.com.au/>.
- Dam level data from Sunwater at <https://www.sunwater.com.au/water-data/historical-dam-capacity/>.
- Stocked fish records from <https://www.data.qld.gov.au/dataset/queensland-freshwater-fish-stocking-records/>.
- Bathymetric data from Infofish survey.
- Rainfall records for Station 041430 Glenlyon Dam and temperature records for Station 041100 Texas Post Office from <http://www.bom.gov.au/climate/data>.

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 per year over the past 5 years.
- Catch rates calculated as number of fish tagged/days fished for taggers with a minimum of 12 fisher days (at least 1 per month) to provide a reliable catch rate.
- Undersized Murray Cod are <600mm, Legal fish are ≥600 and <1000mm and trophy fish are ≥1000mm.
- Undersized Golden Perch are <300mm, legal fish are ≥300 and <500mm and trophy fish are ≥500mm.
- Growth calculated using logarithmic curve from recaptures where fish were out for 90 days or more and had positive growth.
- Locations based on Infofish grid map LGP for the impoundment and other grid maps where fish were recaptured outside the impoundment.
- Survival rates are calculated based on a model that uses the reduction in the numbers of recaptures each year after tagging.
- Travel proxy distance is the distance between where the fisher lives (address, suburb, town or postcode) and the recapture location. Local <80km, intrastate Qld elsewhere postcodes starting with 4, interstate other than Qld.