



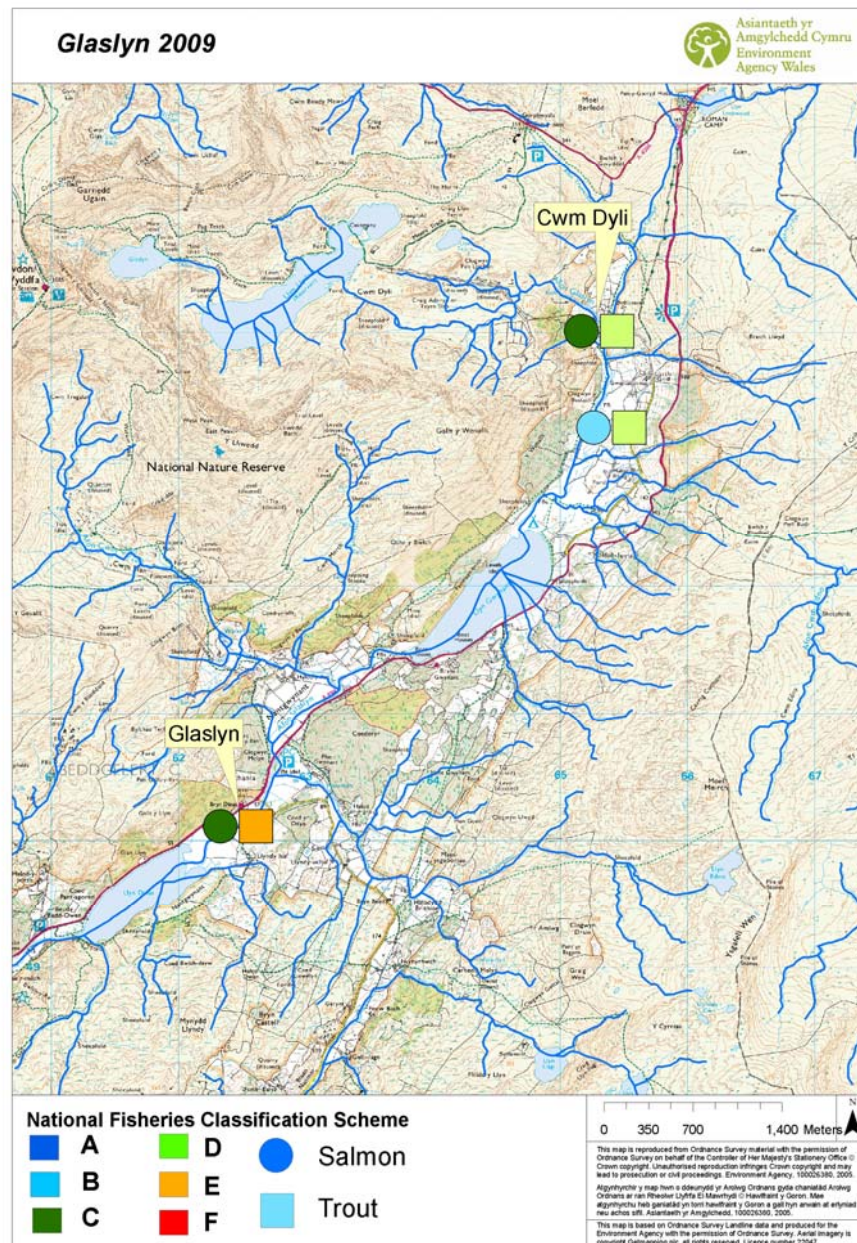
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2009 Glaslyn summary

The following is a summary of the fish stocks in the Glaslyn catchment for 2009.

Juvenile monitoring

The map shows a snapshot of the 2009 juvenile salmonid populations measured by electro-fishing surveys.



llinell gwasanethu cwsmeriaid

customer service line

08708 506 506

www.asiantaeth-amgylchedd.cymru.gov.uk

llinell argyfwng

incident hotline

0800 80 70 60

www.environment-agency.wales.gov.uk

floodline

08456 988 1188



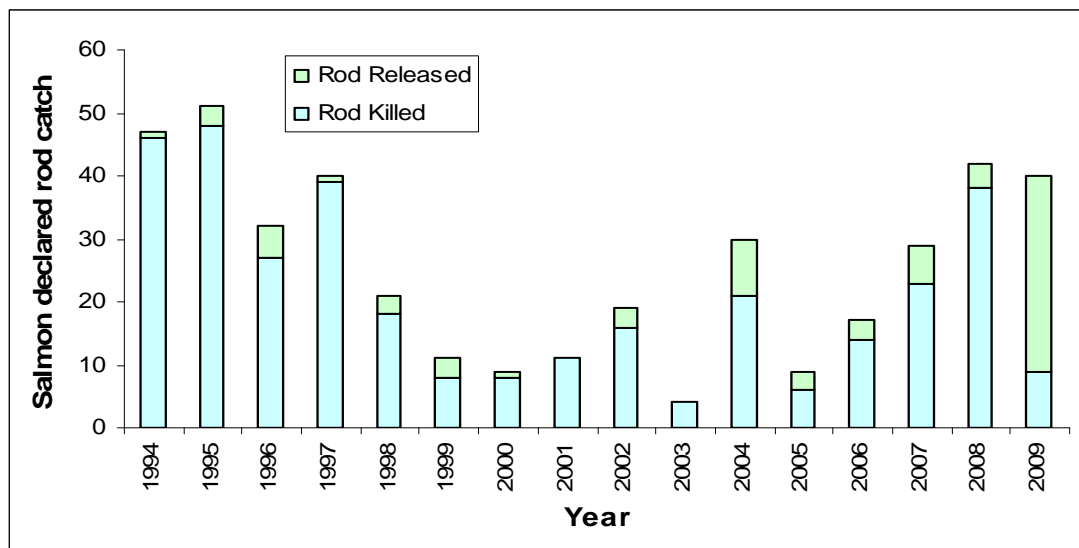
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2009 Glaslyn summary

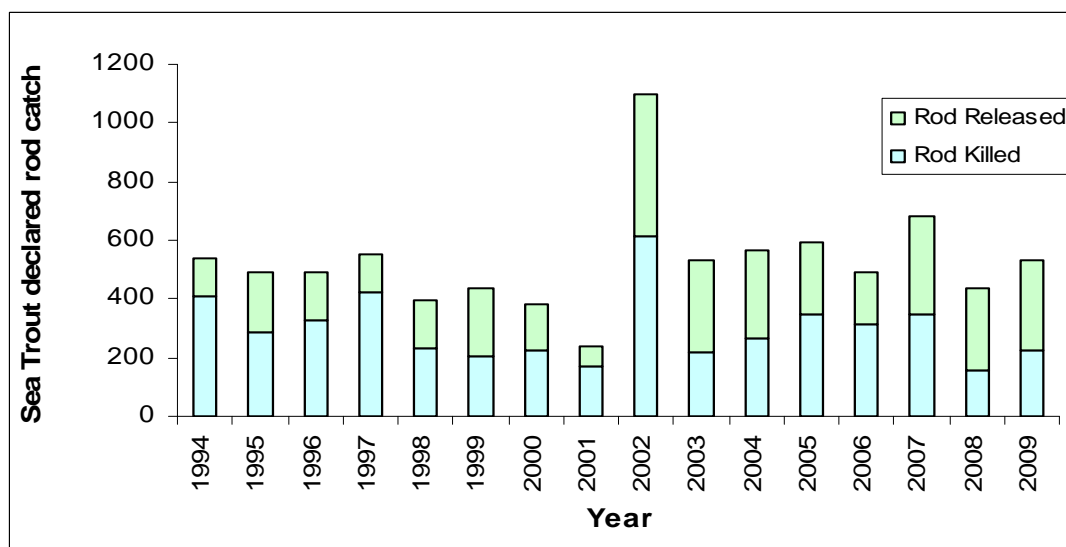
Catch returns / catch & release

The graphs show the rod catch and catch & release rate for salmon and sea trout on the Glaslyn.

Salmon rod catch – release rate in 2009 was 59%. This is excellent and lets hope it continues to improve. The North Wales average is 41%.



Sea trout rod catch – release rate in 2009 was 58%. This is below average and needs to improve to conserve stocks. The North Wales average is 66%.



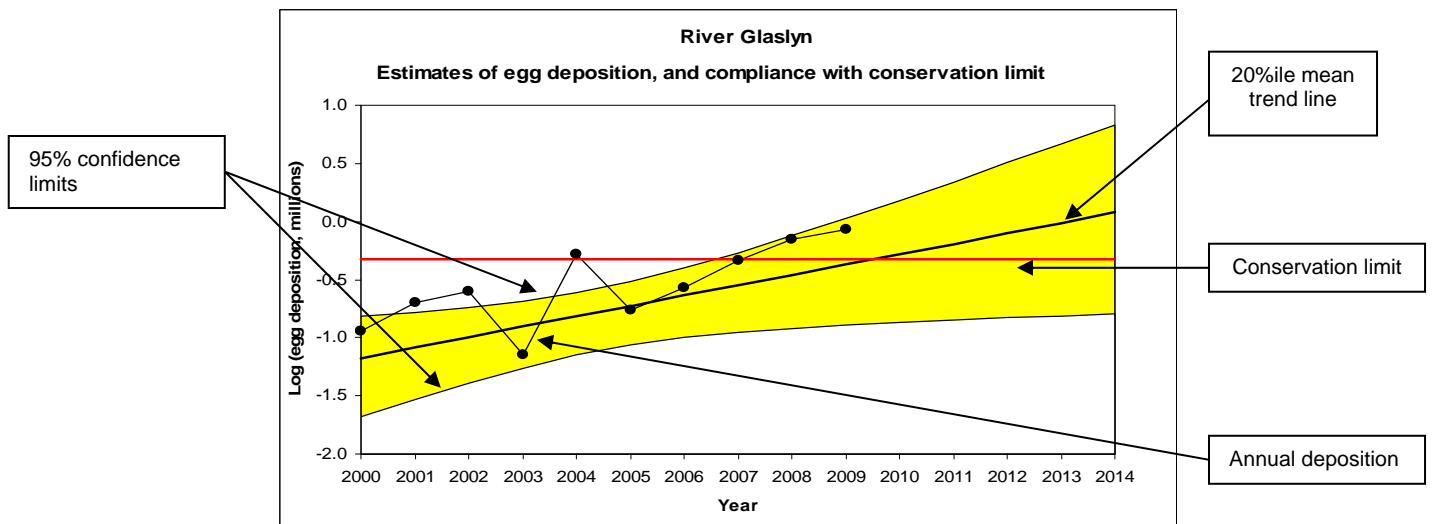


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2009 Glaslyn summary

Conservation of Salmon

Conservation limit for sustainable fish population



Are enough salmon eggs being deposited to conserve salmon stocks in the catchment?

The red line represents the number of eggs required to be deposited to sustain a healthy salmon stock.

- Current number of eggs being deposited puts stocks **probably at risk**.
- In 5 years time the predicted status of salmon stocks will be **not at risk**.
- Based on current and future trends the stocks of salmon will continue to **improve**.

Note: this method of stock assessment is currently under review and will change in 2011 due to a changes in effort.



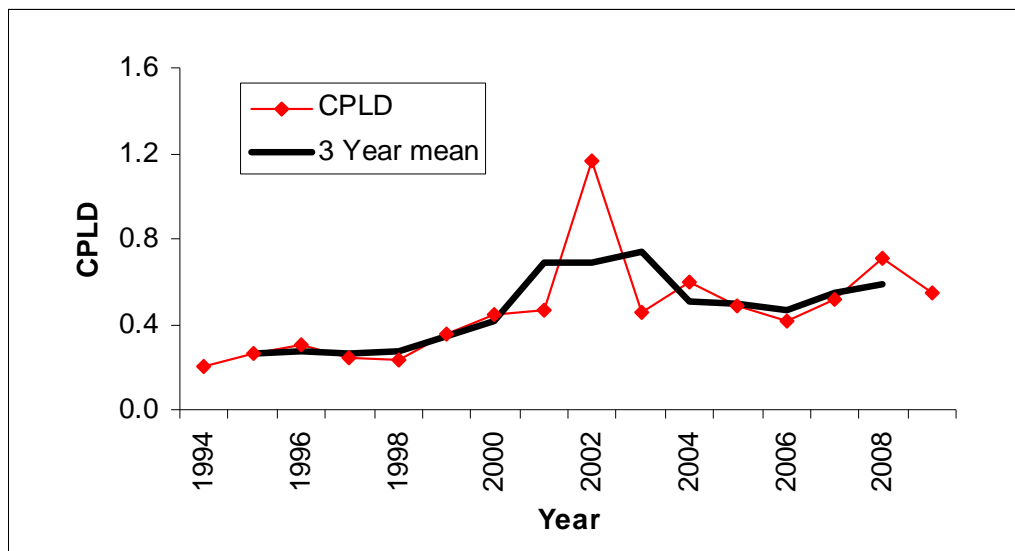
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2009 Glaslyn summary

Conservation of Sea Trout

This approach to assessing sea trout stock performance is still under development. It gives an early warning about potential problems and assists Areas with considering whether any further management action including exploitation controls are required. It is based on catch trends in the last three years compared with those in the previous ten.

Catch Per License Day (CPLD) gives you the catch per outing. This is calculated according to data supplied by anglers on the catchment.



- **CPUE** - on the Glaslyn is **stable**.
- **Stock status** – this is comparing catches when they were at there best. Status is **currently between 20 – 50%** of this.
- **Score** – this gives a score from the CPUE and stock status. The Glaslyn scores 2, this is **probably at risk**.



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2009 Glaslyn summary

Salmon Action Plan (SAP) Activities

| Activity | Action |
|---|---|
| Activities that will occur with or without a River Basin Management Plan RBMP | |
| Farm pollution on the Caseg. | Work has been carried out to stop cattle poaching and input of farm effluent. |
| Hydro power effects at Cwm Dyli. | Monitoring has been carried out at Cwm Dyli. Data needs to be analysed. |
| Improve catch & release | Club have worked hard and have greatly improved C&R for salmon. |
| Habitat work at Nant Gwynant. | Boulders have been input to improve parr habitat. |
| Juvenile monitoring. | Full catchment survey was completed in 2008. |
| Seal scarer. | Work is being carried out by fisheries technical and the club to pursue this. |
| Porthmadog bypass. | Environment agency will be liaising closely with the contractor involved with the Porthmadog by-pass. Have appointed specific lead officer for this. This is a regional initiative and will focus on WQ protection and Waste issues in the catchment. |
| Repairs to habitat sites. | Work has been carried out to restore sites. |
| Farm incidents. | Agriculture team are working with a number of farms to instigate improvements. |
| Actions that will happen in the next few years | |
| Monitoring seal activity throughout the Glaslyn catchment. | Monitoring need to be carried out by the club. |
| Actions that may happen if we had more evidence | |
| Addition of trees and boulders at the Croesor / Maesgwm confluence to increase cover for juvenile salmonids. | This will need to be pushed through the club and local fisheries officer. |
| Conifer removal on the Colwyn to continue the excellent recruitment on this section on the Glaslyn. | Due to the positive impact this work had future removal should be done once there is re-growth. |
| Record species, numbers, and sites that piscivorous birds are spotted at. This provides evidence to apply for a shooting license. | Angling club need to carry out this work. |