



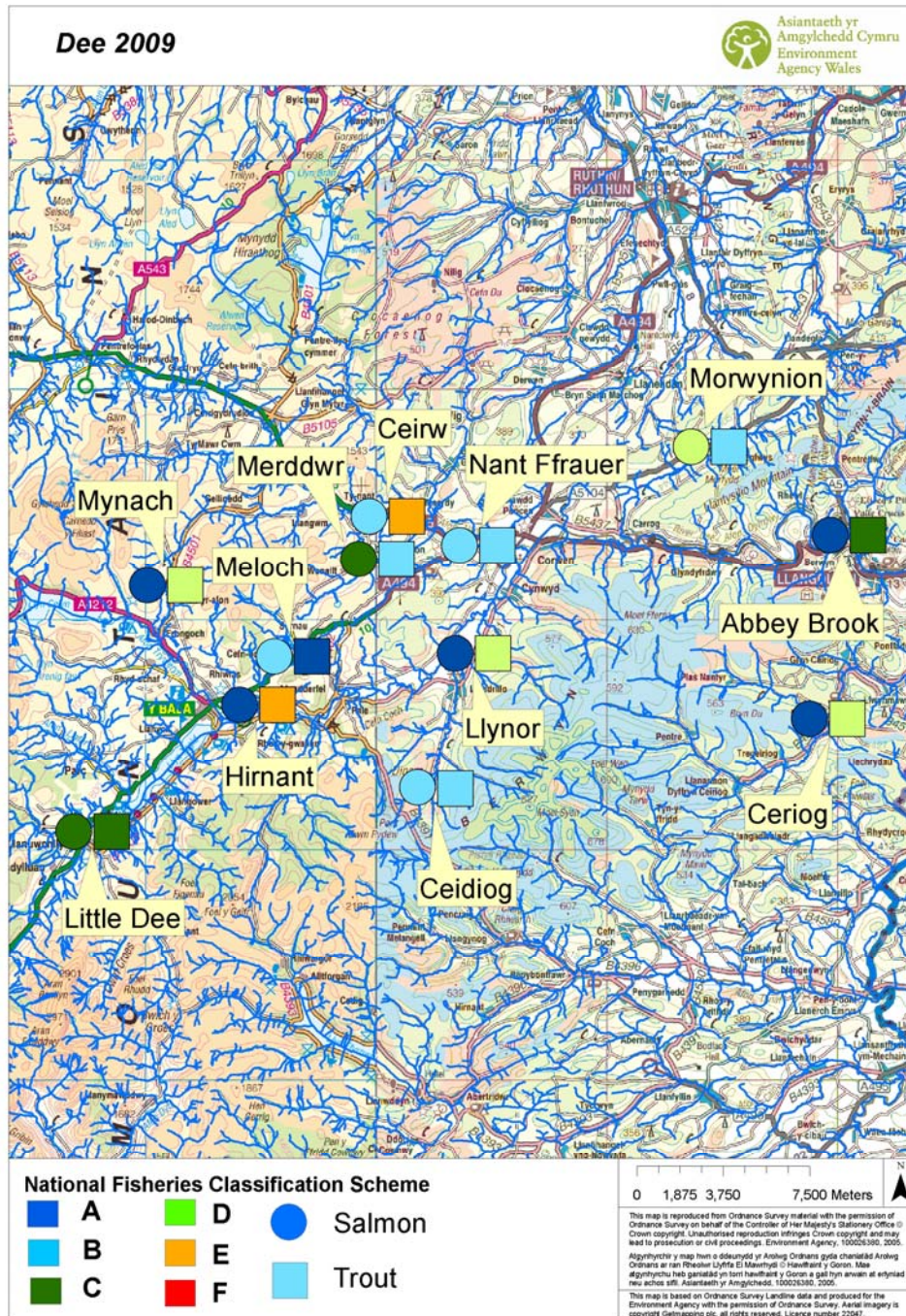
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2009 Dee summary

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

Juvenile monitoring

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



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0800 80 70 60

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floodline

08456 988 1188



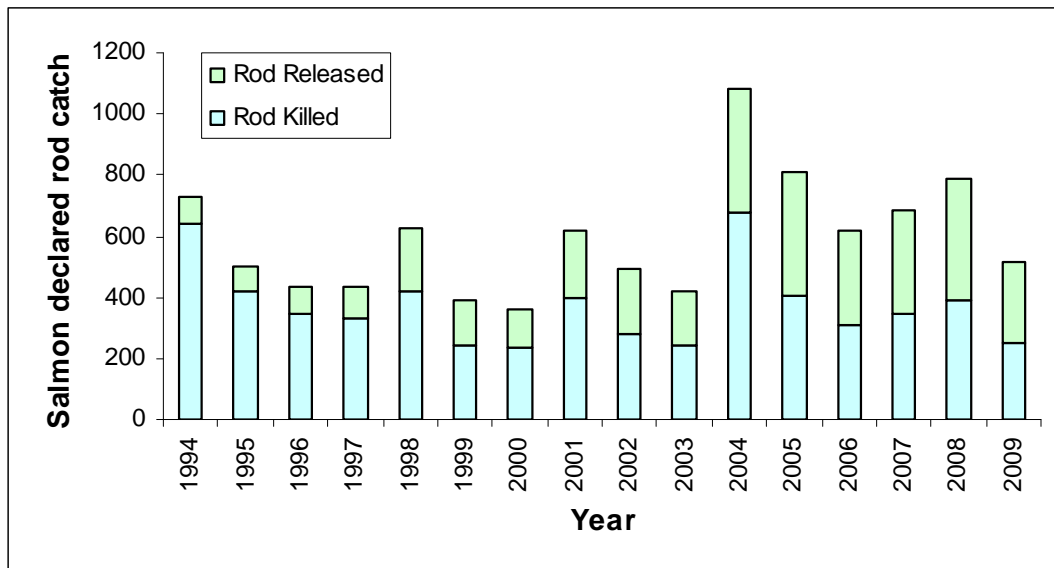
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2009 Dee summary

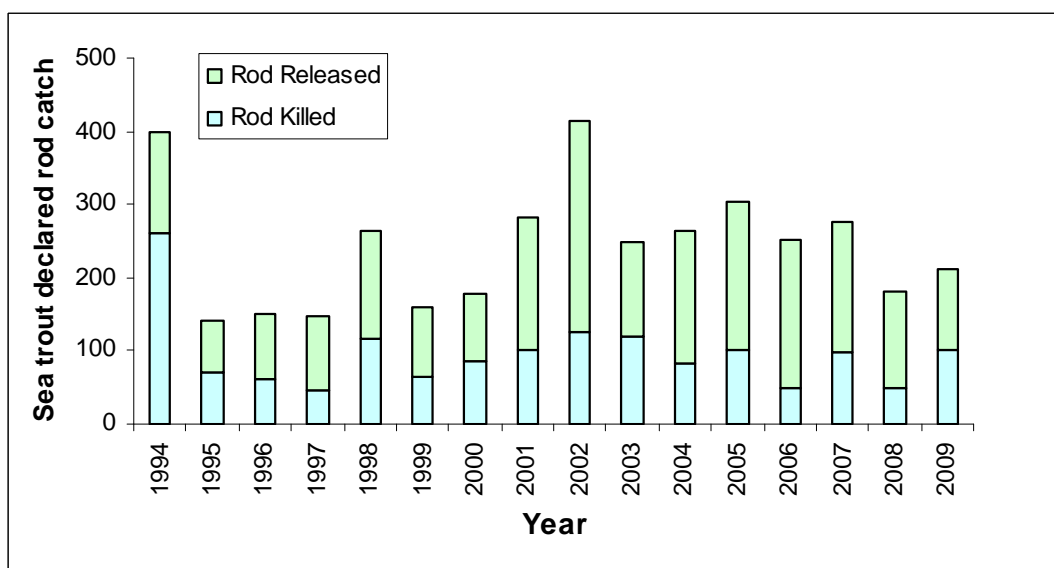
Catch returns / catch & release

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

Salmon rod catch – release rate in 2009 was 51%. This is above average but needs to be improved to conserve stocks. The North Wales average is 41%.



Sea trout rod catch – release rate in 2009 was 55%. This is poor and needs to be improved to conserve stocks. The North Wales average is 66%.



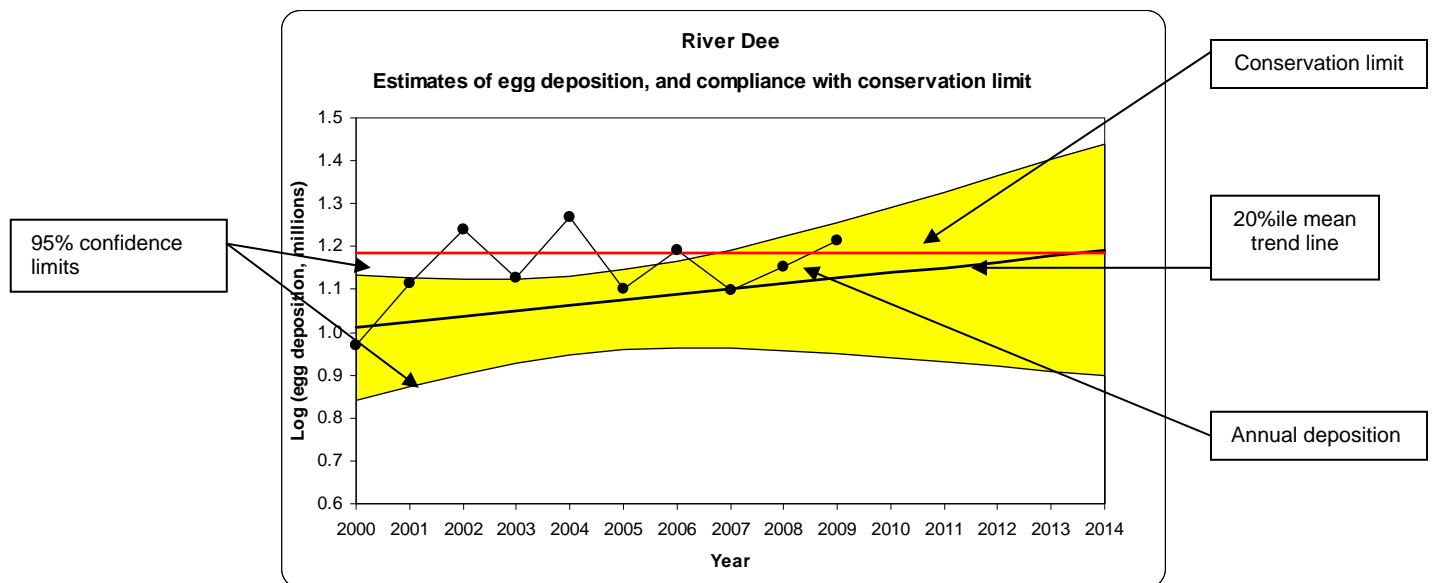


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2009 Dee summary

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 **probably 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.



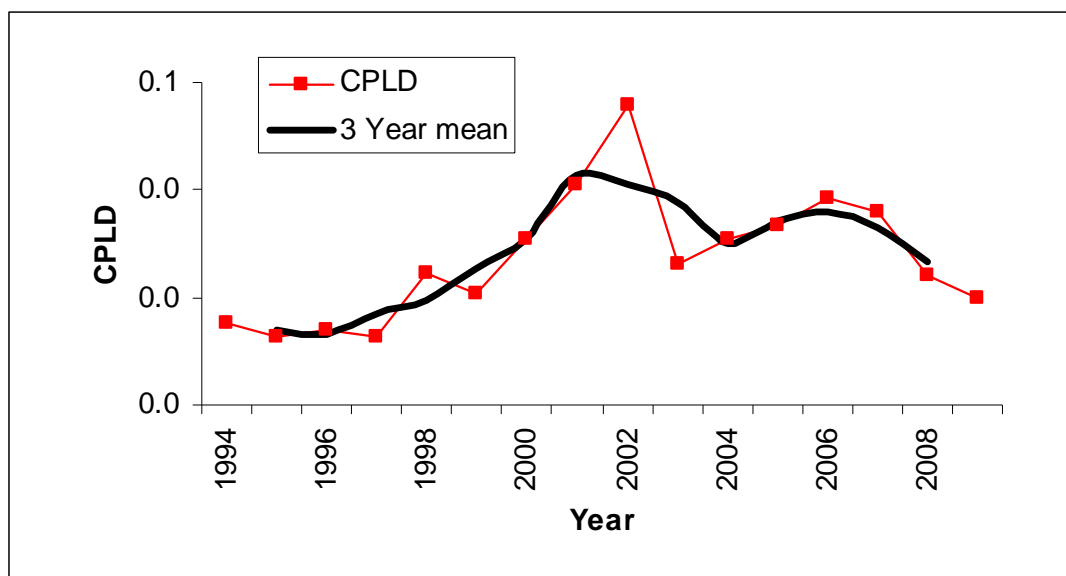
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2009 Dee summary

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 Dee 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 Dee scores 2, this is **probably at risk**.



KNOW YOUR RIVER

2009 Dee summary

SAP actions completed

Activity	Action
Activities that will occur with or without a River Basin Management Plan RBMP	
Cost / benefit analysis of altering the weirs at Abbey Brook, Rosset, Wilderness Mill, Pont y Capel, Caergwle (Alyn), Sarn Mill, Dymocks Mill (Worthenbury brook) & Morlas Brook for improved fish passage.	Cost benefits have been completed for all the mentioned weirs.
Effects of Bala sluices.	There usage has now been altered to maximise fish passage.
Improvement of juvenile coarse fish habitat.	Off line habitat restored on the lower Dee.
Improve habitat on the Alyn.	Aqua-matts were trialed.
Netting in the estuary.	Trust have bought out the nets men.
Estuary enforcement.	This has now been improved through a dedicated officer, estuary camera and information reward scheme.
Declining eel stocks.	New eel monitoring programme in place and future eel passes to be installed due to the implementation of eel management plans.
Sheep dip.	Monitoring carried out on the Mynach and no issues found.
Fish entrainment.	Water intakes on the lower Dee have been reviewed and finer screening will be used to minimise fish entrainment.
Alyn catchment work.	Pollution prevention visits to industrial estates, farms, STW and private works.
Worthenbury and shell catchment work.	Agriculture pollution prevention visits.
Establish Riverfly Partnership.	Schemes have been set up on the Alyn & Alwen.
Finchetts Gutter.	Work with zoo.
Actions that will happen in the next few years	
Easements.	Abbey Brook, Rosset, Pont y Capel, Caergwle, Tryweryn weir Y & X, & Sarn Mill.
Further work on the Upper Dee rivers due to WFD classification (Twrch, Llafar, Glyn).	Further investigations will be carried out.
Habitat improvements.	The Dee trust should be working with local fisheries officers.
Cost / benefit analysis of altering the weirs on the Clywedog.	To be carried out this year.
Actions that may happen if we had more evidence	
Invasive weed removal.	This work needs to be carried out through the Dee trust and the environment agencies biodiversity team.
Coarse fish angler access.	This work should be carried out through the Dee trust and the environment agencies involvement.
Effects of piscivorous birds.	This needs to be monitored through the Dee trust.