## Broadford River: Grade 3



Summary Table

|  |  |  | Percentage chance meeting requirement |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Eggs required <br> $\left(\mathrm{m}^{2}\right)^{\mathrm{a}}$ | Area <br> $\left(\mathrm{m}^{2}\right)^{\mathrm{a}}$ | Total egg <br> requirement | 2018 | 2019 | 2020 | 2021 | 2022 | Overall | Grade |
| 1.12 | 48,000 | 54,000 | 0 | 13.71 | 1.46 | 0.18 | 0 | 0.0307 | 3 |

[^0]
## 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black $=$ retained, blue $=$ released $)$


Monthly flow data


Monthly stock estimates (out of season in black)


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

Annual estimated stock


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

Annual catch as a proportion of stock


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).
2. Converting Numbers of Returning Salmon to Numbers of Spawning Females Ages of fish



Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

## 3. Converting Number of Spawners to Number of Eggs

Egg contents of females


## Monthly number of eggs



Total annual egg numbers


| Year | Percentage above |
| :---: | ---: |
| 2018 | - |
| 2019 | 13.71 |
| 2020 | 1.46 |
| 2021 | 0.18 |
| 2022 | - |

## 4. Egg requirement

## Areas of salmon habitat in square meters

There is an estimated 49,805 square meters of known salmon habitat in the Broadford River and a further 10,293 square meters where salmon may be present.

## Egg requirement


5. Percentage chance that the egg requirement has been reached


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and $90 \%$ of the estimated egg requirements (dark to light areas)

## River Sligachan: Grade 3



## Summary Table

|  |  |  | Percentage chance meeting requirement |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Eggs required <br> $\left(\mathrm{m}^{2}\right)^{\mathrm{a}}$ | Area <br> $\left(\mathrm{m}^{2}\right)^{\mathrm{a}}$ | Total egg <br> requirement | 2018 | 2019 | 2020 | 2021 | 2022 | Overall | Grade |
| 1.11 | 230,000 | 255,000 | 4.32 | 25.75 | 3.52 | 5.15 | 0 | 0.07748 | 3 |

${ }^{\text {a }}$ Figures presented are median values

## 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black $=$ retained, blue $=$ released $)$


Monthly flow data


Monthly stock estimates (out of season in black)


Annual estimated stock


Annual catch as a proportion of stock

2. Converting Numbers of Returning Salmon to Numbers of Spawning Females Ages of fish



Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

## 3. Converting Number of Spawners to Number of Eggs

Egg contents of females


## Monthly number of eggs



Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

## Total annual egg numbers



Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

| Year | Percentage above |
| ---: | ---: |
| 2018 | 4.32 |
| 2019 | 25.75 |
| 2020 | 3.52 |
| 2021 | 5.15 |
| 2022 | - |

## 4. Egg requirement

## Areas of salmon habitat in square meters

There is an estimated 212,024 square meters of known salmon habitat in the River Sligachan and a further 100,101 square meters where salmon may be present.

## Egg requirement



## 5. Percentage chance that the egg requirement has been reached



Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and $90 \%$ of the estimated egg requirements (dark to light areas)

## Varragill River: Grade 3



## Summary Table

|  |  |  | Percentage chance meeting requirement |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Eggs required <br> $\left(\mathrm{m}^{2}\right)^{\mathrm{a}}$ | Area <br> $\left(\mathrm{m}^{2}\right)^{\mathrm{a}}$ | Total egg <br> requirement $^{\mathrm{a}}$ | 2018 | 2019 | 2020 | 2021 | 2022 | Overall | Grade |
| 1.14 | 80,000 | 91,000 | 72.99 | 80.6 | 82.59 | 39.6 | 0 | 0.55156 | 3 |

[^1]
## 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black $=$ retained, blue $=$ released $)$


Monthly flow data


Monthly stock estimates (out of season in black)





Annual estimated stock


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

Annual catch as a proportion of stock

2. Converting Numbers of Returning Salmon to Numbers of Spawning Females Ages of fish



Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

## 3. Converting Number of Spawners to Number of Eggs

Egg contents of females


## Monthly number of eggs



Plot shows 50,70 and $90 \%$ of the estimates (wide to narrow bars).

## Total annual egg numbers



Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

| Year | Percentage above |
| ---: | ---: |
| 2018 | 72.99 |
| 2019 | 80.60 |
| 2020 | 82.59 |
| 2021 | 39.60 |
| 2022 | - |

## 4. Egg requirement

## Areas of salmon habitat in square meters

There is an estimated 88,973 square meters of known salmon habitat in the Varragill River and a further 3,715 square meters where salmon may be present.

## Egg requirement



## 5. Percentage chance that the egg requirement has been reached



Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and $90 \%$ of the estimated egg requirements (dark to light areas)

## Lealt River: Grade 3



Summary Table

| $\begin{aligned} & \text { Eggs required } \\ & \left(\mathrm{m}^{2}\right)^{\mathrm{a}} \end{aligned}$ | $\begin{aligned} & \text { Area } \\ & \left(\mathrm{m}^{2}\right)^{\mathrm{a}} \end{aligned}$ | Total egg requirement ${ }^{\text {a }}$ | Percentage chance meeting requirement |  |  |  |  |  | Grade |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2018 | 2019 | 2020 | 2021 | 2022 | Overall |  |
| 1.13 | 4,000 | 4,000 | 75.97 | 82.2 | 11.51 | 1.89 | 0 | 0.34314 | 3 |

[^2]
## 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black $=$ retained, blue $=$ released $)$


Monthly flow data


Monthly stock estimates (out of season in black)


Annual estimated stock


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

Annual catch as a proportion of stock


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).
2. Converting Numbers of Returning Salmon to Numbers of Spawning Females Ages of fish



Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

## 3. Converting Number of Spawners to Number of Eggs

Egg contents of females


## Monthly number of eggs



Total annual egg numbers


| Year | Percentage above |
| ---: | ---: |
| 2018 | 75.97 |
| 2019 | 82.20 |
| 2020 | 11.51 |
| 2021 | 1.89 |
| 2022 | - |

## 4. Egg requirement

## Areas of salmon habitat in square meters

There is an estimated 4,174 square meters of known salmon habitat in the Lealt River and a further 579 square meters where salmon may be present.

## Egg requirement


5. Percentage chance that the egg requirement has been reached


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and $90 \%$ of the estimated egg requirements (dark to light areas)

## Brogaig, Stenscholl and Kilmaluag: Grade 3



## Summary Table

|  |  |  | Percentage chance meeting requirement |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Eggs required <br> $\left(\mathrm{m}^{2}\right)^{\mathrm{a}}$ | Area <br> $\left(\mathrm{m}^{2}\right)^{\mathrm{a}}$ | Total egg <br> requirement $^{\mathrm{a}}$ | 2018 | 2019 | 2020 | 2021 | 2022 | Overall | Grade |
| 1.17 | 137,000 | 160,000 | 3.55 | 2.96 | 0 | 50.1 | 0 | 0.11322 | 3 |

${ }^{\text {a }}$ Figures presented are median values

## 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black $=$ retained, blue $=$ released $)$


Monthly flow data


Monthly stock estimates (out of season in black)


Annual estimated stock


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

Annual catch as a proportion of stock


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).
2. Converting Numbers of Returning Salmon to Numbers of Spawning Females Ages of fish


Monthly number of spawning females


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

## 3. Converting Number of Spawners to Number of Eggs

Egg contents of females


## Monthly number of eggs



Total annual egg numbers


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

| Year | Percentage above |
| ---: | ---: |
| 2018 | 3.55 |
| 2019 | 2.96 |
| 2020 | - |
| 2021 | 50.10 |
| 2022 | - |

## 4. Egg requirement

## Areas of salmon habitat in square meters

There is an estimated 136,343 square meters of known salmon habitat in the Brogaig, Stenscholl and Kilmaluag and a further 39,329 square meters where salmon may be present.

## Egg requirement



## 5. Percentage chance that the egg requirement has been reached



Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and $90 \%$ of the estimated egg requirements (dark to light areas)

## Hinnisdal to Haultin: Grade 3



## Summary Table

|  |  |  | Percentage chance meeting requirement |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Eggs required <br> $\left(\mathrm{m}^{2}\right)^{\mathrm{a}}$ | Area <br> $\left(\mathrm{m}^{2}\right)^{\mathrm{a}}$ | Total egg <br> requirement ${ }^{\mathrm{a}}$ | 2018 | 2019 | 2020 | 2021 | 2022 | Overall | Grade |
| 1.73 | 123,000 | 212,000 | 20.91 | 65.65 | 76.44 | 78.53 | 46.61 | 0.57628 | 3 |

[^3]
## 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black $=$ retained, blue $=$ released $)$


Monthly flow data


Monthly stock estimates (out of season in black)


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

Annual estimated stock


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

Annual catch as a proportion of stock

2. Converting Numbers of Returning Salmon to Numbers of Spawning Females Ages of fish


Monthly number of spawning females


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

## 3. Converting Number of Spawners to Number of Eggs

Egg contents of females


## Monthly number of eggs



Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

## Total annual egg numbers



Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

| Year | Percentage above |
| ---: | ---: |
| 2018 | 20.91 |
| 2019 | 65.65 |
| 2020 | 76.44 |
| 2021 | 78.53 |
| 2022 | 46.61 |

## 4. Egg requirement

## Areas of salmon habitat in square meters

There is an estimated 118,130 square meters of known salmon habitat in the Hinnisdal to Haultin and a further 43,461 square meters where salmon may be present.

## Egg requirement


5. Percentage chance that the egg requirement has been reached


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and $90 \%$ of the estimated egg requirements (dark to light areas)

## Snizort and Ose: Grade 2



Summary Table

|  |  |  | Percentage chance meeting requirement |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Eggs required <br> $\left(\mathrm{m}^{2}\right)^{\mathrm{a}}$ | Area <br> $\left(\mathrm{m}^{2}\right)^{\mathrm{a}}$ | Total egg <br> requirement ${ }^{\mathrm{a}}$ | 2018 | 2019 | 2020 | 2021 | 2022 | Overall | Grade |
| 1.73 | 327,000 | 565,000 | 76.42 | 59.85 | 66.55 | 55.86 | 53.33 | 0.62402 | 2 |

${ }^{\text {a }}$ Figures presented are median values

## 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black $=$ retained, blue $=$ released $)$


Monthly flow data


Monthly stock estimates (out of season in black)


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

Annual estimated stock


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

Annual catch as a proportion of stock

2. Converting Numbers of Returning Salmon to Numbers of Spawning Females Ages of fish


Monthly number of spawning females


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

## 3. Converting Number of Spawners to Number of Eggs

Egg contents of females


## Monthly number of eggs



Plot shows 50,70 and $90 \%$ of the estimates (wide to narrow bars).

## Total annual egg numbers



Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

| Year | Percentage above |
| ---: | ---: |
| 2018 | 76.42 |
| 2019 | 59.85 |
| 2020 | 66.55 |
| 2021 | 55.86 |
| 2022 | 53.33 |

## 4. Egg requirement

## Areas of salmon habitat in square meters

There is an estimated 335,631 square meters of known salmon habitat in the Snizort and Ose and a further 72,263 square meters where salmon may be present.

## Egg requirement


5. Percentage chance that the egg requirement has been reached


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and $90 \%$ of the estimated egg requirements (dark to light areas)

## Drynoch and Eynort: Grade 3



## Summary Table

|  |  |  | Percentage chance meeting requirement |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Eggs required <br> $\left(\mathrm{m}^{2}\right)^{\mathrm{a}}$ | Area <br> $\left(\mathrm{m}^{2}\right)^{\mathrm{a}}$ | Total egg <br> requirement ${ }^{\mathrm{a}}$ | 2018 | 2019 | 2020 | 2021 | 2022 | Overall | Grade |  |
| 1.72 | 86,000 | 147,000 | 6.41 | 13.82 | 12.73 | 0.33 | 7.4 | 0.08138 | 3 |  |

${ }^{\text {a }}$ Figures presented are median values

## 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black $=$ retained, blue $=$ released $)$


Monthly flow data


Monthly stock estimates (out of season in black)


Annual estimated stock


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

Annual catch as a proportion of stock

2. Converting Numbers of Returning Salmon to Numbers of Spawning Females Ages of fish


Monthly number of spawning females


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

## 3. Converting Number of Spawners to Number of Eggs

Egg contents of females


## Monthly number of eggs



Total annual egg numbers


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

| Year | Percentage above |
| ---: | ---: |
| 2018 | 6.41 |
| 2019 | 13.82 |
| 2020 | 12.73 |
| 2021 | 0.33 |
| 2022 | 7.40 |

## 4. Egg requirement

## Areas of salmon habitat in square meters

There is an estimated 84,219 square meters of known salmon habitat in the Drynoch and Eynort and a further 26,024 square meters where salmon may be present.

## Egg requirement


5. Percentage chance that the egg requirement has been reached


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and $90 \%$ of the estimated egg requirements (dark to light areas)

## Fhionnairigh, Scavaig and Ant-Statha Mhoir: Grade 3



## Summary Table

|  |  |  | Percentage chance meeting requirement |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Eggs required <br> $\left(\mathrm{m}^{2}\right)^{\mathrm{a}}$ | Area <br> $\left(\mathrm{m}^{2}\right)^{\mathrm{a}}$ | Total egg <br> requirement | 2018 | 2019 | 2020 | 2021 | 2022 | Overall | Grade |
| 1.73 | 58,000 | 99,000 | 0 | 0 | 0.71 | 11.7 | 0 | 0.02482 | 3 |

${ }^{\mathrm{a}}$ Figures presented are median values

## 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black $=$ retained, blue $=$ released $)$


Monthly flow data


Monthly stock estimates (out of season in black)


Annual estimated stock


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

Annual catch as a proportion of stock


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).
2. Converting Numbers of Returning Salmon to Numbers of Spawning Females Ages of fish


Monthly number of spawning females


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars).

## 3. Converting Number of Spawners to Number of Eggs

Egg contents of females


## Monthly number of eggs



Total annual egg numbers


| Year | Percentage above |
| :---: | ---: |
| 2018 | - |
| 2019 | - |
| 2020 | 0.71 |
| 2021 | 11.70 |
| 2022 | - |

## 4. Egg requirement

## Areas of salmon habitat in square meters

There is an estimated 46,169 square meters of known salmon habitat in the Fhionnairigh, Scavaig and Ant-Statha Mhoir and a further 40,497 square meters where salmon may be present.

## Egg requirement


5. Percentage chance that the egg requirement has been reached


Plot shows 50, 70 and $90 \%$ of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and $90 \%$ of the estimated egg requirements (dark to light areas)


[^0]:    ${ }^{\text {a }}$ Figures presented are median values

[^1]:    ${ }^{\text {a }}$ Figures presented are median values

[^2]:    ${ }^{\text {a }}$ Figures presented are median values

[^3]:    ${ }^{\text {a }}$ Figures presented are median values

