North West Region

Kyle of Lochalsh to Ardnamurchan

River Carron (Strathcarron): Grade 2



Summary Table

| | | | Percentage chance meeting requirement | | | | | | |
|-------------------------|--|---|---------------------------------------|-------|-------|-------|-------|---------|-------|
| Eggs required $(m^2)^a$ | $\begin{array}{c} Area \\ (m^2)^a \end{array}$ | $\begin{array}{c} {\rm Total~egg} \\ {\rm requirement^a} \end{array}$ | 2014 | 2015 | 2016 | 2017 | 2018 | Overall | Grade |
| 1.63 | 641,400 | 1,045,500 | 86.83 | 67.87 | 76.42 | 78.25 | 78.97 | 77.67 | 2 |

^a Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon





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 catch as a proportion of stock



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









3. Converting Number of Spawners to Number of Eggs



Egg contents of females





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





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

4. Egg requirement

Areas of salmon habitat in square meters

There is an estimated 590,358 square meters of known salmon habitat in the River Carron (Strathcarron) and a further 138,474 square meters where salmon may be present.

Egg requirement



5. Percentage chance that the egg requirement has been reached

| Year | Percentage above |
|------|------------------|
| 2014 | 86.83 |
| 2015 | 67.87 |
| 2016 | 76.42 |
| 2017 | 78.25 |
| 2018 | 78.97 |



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)

Ling and Elchaig: Grade 3



Summary Table

| | | | Percentage chance meeting requirement | | | | | | |
|-------------------------|--|---------------------------------------|---------------------------------------|-------|-------|-------|-------|---------|-------|
| Eggs required $(m^2)^a$ | $\begin{array}{c} Area \\ (m^2)^a \end{array}$ | Total egg requirement ^a | 2014 | 2015 | 2016 | 2017 | 2018 | Overall | Grade |
| 1.43 | 445,700 | $637,\!820$ | 72.1 | 68.53 | 69.34 | 50.02 | 15.32 | 55.06 | 3 |
| a Figuras prose | inted and n | adian values | | | | | | | |

^a Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon





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 catch as a proportion of stock



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









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).

4. Egg requirement

Areas of salmon habitat in square meters

There is an estimated 423,681 square meters of known salmon habitat in the Ling and Elchaig and a further 82,790 square meters where salmon may be present.

Egg requirement



5. Percentage chance that the egg requirement has been reached

| Year | Percentage above |
|------|------------------|
| 2014 | 72.10 |
| 2015 | 68.53 |
| 2016 | 69.34 |
| 2017 | 50.02 |
| 2018 | 15.32 |



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 Shiel (Shiel Bridge): Grade 3



Detailed information on catches is not publicly available for this assessment area

Summary Table

| | | | Percentage chance meeting requirement | | | | | | |
|-------------------------|--|---------------------------------------|---------------------------------------|------|------|------|------|---------|-------|
| Eggs required $(m^2)^a$ | $\begin{array}{c} Area \\ (m^2)^a \end{array}$ | Total egg requirement ^a | 2014 | 2015 | 2016 | 2017 | 2018 | Overall | Grade |
| 1.52 | 147,500 | 223,924 | 32.7 | 21.7 | 0 | 0 | 0 | 10.88 | 3 |
| 0 | | • • | | | | | | | |

^a Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

Annual estimated 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





3. Converting Number of Spawners to Number of Eggs



Egg contents of females

Total annual egg numbers



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

4. Egg requirement

Areas of salmon habitat in square meters

There is an estimated 154,581 square meters of known salmon habitat in the River Shiel (Shiel Bridge) and a further 13,054 square meters where salmon may be present.

Egg requirement



5. Percentage chance that the egg requirement has been reached

| Year | Percentage above |
|------|------------------|
| 2014 | 32.7 |
| 2015 | 21.7 |
| 2016 | - |
| 2017 | - |
| 2018 | - |



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)

Glenmore River: Grade 3



Detailed information on catches is not publicly available for this assessment area

Summary Table

| | | | Percentage chance meeting requirement | | | | | | |
|-------------------------|--|---------------------------------------|---------------------------------------|------|-------|------|------|---------|-------|
| Eggs required $(m^2)^a$ | $\begin{array}{c} Area \\ (m^2)^a \end{array}$ | Total egg requirement ^a | 2014 | 2015 | 2016 | 2017 | 2018 | Overall | Grade |
| 1.48 | 138,000 | 204,638 | 3.85 | 1.16 | 28.81 | 0 | 0 | 6.76 | 3 |
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^a Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

Annual estimated stock



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

Ages of fish



3. Converting Number of Spawners to Number of Eggs



Egg contents of females

Total annual egg numbers



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

4. Egg requirement

Areas of salmon habitat in square meters

There is an estimated 139,907 square meters of known salmon habitat in the Glenmore River and a further 16,896 square meters where salmon may be present.

Egg requirement



5. Percentage chance that the egg requirement has been reached

| Year | Percentage above |
|------|------------------|
| 2014 | 3.85 |
| 2015 | 1.16 |
| 2016 | 28.81 |
| 2017 | - |
| 2018 | - |



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)

Gleann Beag River: Grade 3



Detailed information on catches is not publicly available for this assessment area

Summary Table

| | | | Percentage chance meeting requirement | | | | | | |
|-------------------------|--|---------------------------------------|---------------------------------------|------|------|------|------|---------|-------|
| Eggs required $(m^2)^a$ | $\begin{array}{c} Area \\ (m^2)^a \end{array}$ | Total egg requirement ^a | 2014 | 2015 | 2016 | 2017 | 2018 | Overall | Grade |
| 1.51 | 134,000 | 202,138 | 26.89 | 2.38 | 0 | 5.78 | 0 | 7.01 | 3 |

^a Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

Annual estimated stock



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





3. Converting Number of Spawners to Number of Eggs



Egg contents of females

Total annual egg numbers



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

4. Egg requirement

Areas of salmon habitat in square meters

There is an estimated 141,907 square meters of known salmon habitat in the Gleann Beag River and a further 10,419 square meters where salmon may be present.

Egg requirement



5. Percentage chance that the egg requirement has been reached

| Percentage above |
|------------------|
| 26.89 |
| 2.38 |
| - |
| 5.78 |
| - |
| |



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 Arnisdale: Grade 3



Summary Table

| | | | Per | Percentage chance meeting requirement | | | | | | |
|-------------------------|--|---------------------------------------|-------|---------------------------------------|-------|-------|-------|---------|-------|--|
| Eggs required $(m^2)^a$ | $\begin{array}{c} Area \\ (m^2)^a \end{array}$ | Total egg requirement ^a | 2014 | 2015 | 2016 | 2017 | 2018 | Overall | Grade | |
| 1.78 | 61,300 | 109,330 | 38.17 | 30.28 | 63.61 | 56.41 | 11.83 | 40.06 | 3 | |
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^a Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon





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 catch as a proportion of stock



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









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).

4. Egg requirement

Areas of salmon habitat in square meters

There is an estimated 67,272 square meters of known salmon habitat in the River Arnisdale and a further 2,435 square meters where salmon may be present.

Egg requirement



5. Percentage chance that the egg requirement has been reached

| Year | Percentage above |
|------|------------------|
| 2014 | 38.17 |
| 2015 | 30.28 |
| 2016 | 63.61 |
| 2017 | 56.41 |
| 2018 | 11.83 |



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)

Inverie and Guiserein: Grade 3



Detailed information on catches is not publicly available for this assessment area

Summary Table

| | | | Percentage chance meeting requirement | | | | | | | |
|-------------------------|--|---|---------------------------------------|------|-------|-------|------|---------|-------|--|
| Eggs required $(m^2)^a$ | $\begin{array}{c} Area \\ (m^2)^a \end{array}$ | $\begin{array}{c} {\rm Total~egg} \\ {\rm requirement^a} \end{array}$ | 2014 | 2015 | 2016 | 2017 | 2018 | Overall | Grade | |
| 1.77 | 190,700 | $337,\!688$ | 41.3 | 0.93 | 51.91 | 27.61 | 0.78 | 24.51 | 3 | |
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^a Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon





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

Ages of fish



3. Converting Number of Spawners to Number of Eggs



Egg contents of females

Total annual egg numbers



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

4. Egg requirement

Areas of salmon habitat in square meters

There is an estimated 212,575 square meters of known salmon habitat in the Inverie and Guiserein and a further 4,162 square meters where salmon may be present.

Egg requirement



5. Percentage chance that the egg requirement has been reached

| Year | Percentage above |
|------|------------------|
| 2014 | 41.30 |
| 2015 | 0.93 |
| 2016 | 51.91 |
| 2017 | 27.61 |
| 2018 | 0.78 |



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 Carnach: Grade 3



Detailed information on catches is not publicly available for this assessment area

Summary Table

| | | | Perc | Percentage chance meeting requirement | | | | | | | |
|-------------------------|--|---------------------------------------|------|---------------------------------------|-------|------|------|---------|-------|--|--|
| Eggs required $(m^2)^a$ | $\begin{array}{c} Area \\ (m^2)^a \end{array}$ | Total egg requirement ^a | 2014 | 2015 | 2016 | 2017 | 2018 | Overall | Grade | | |
| 1.78 | 73,600 | 130,770 | 0 | 0 | 27.43 | 8.55 | 1.92 | 7.58 | 3 | | |
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^a Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

Annual estimated stock



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





3. Converting Number of Spawners to Number of Eggs



Egg contents of females

Total annual egg numbers



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

4. Egg requirement

Areas of salmon habitat in square meters

There is an estimated 81,852 square meters of known salmon habitat in the River Carnach and a further 1,806 square meters where salmon may be present.

Egg requirement



5. Percentage chance that the egg requirement has been reached

| Year | Percentage above |
|------|------------------|
| 2014 | - |
| 2015 | - |
| 2016 | 27.43 |
| 2017 | 8.55 |
| 2018 | 1.92 |



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 Morar: Grade 3



Detailed information on catches is not publicly available for this assessment area

Summary Table

| | | | Perc | Percentage chance meeting requirement | | | | | | |
|-------------------------|--|---------------------------------------|-------|---------------------------------------|------|------|-------|---------|-------|--|
| Eggs required $(m^2)^a$ | $\begin{array}{c} Area \\ (m^2)^a \end{array}$ | Total egg requirement ^a | 2014 | 2015 | 2016 | 2017 | 2018 | Overall | Grade | |
| 2.3 | 210,200 | 482,470 | 92.91 | 46.45 | 0.52 | 92.8 | 22.61 | 51.06 | 3 | |

^a Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon





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

Ages of fish



3. Converting Number of Spawners to Number of Eggs



Egg contents of females

Total annual egg numbers



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

4. Egg requirement

Areas of salmon habitat in square meters

There is an estimated 216,807 square meters of known salmon habitat in the River Morar and a further 22,034 square meters where salmon may be present.

Egg requirement



5. Percentage chance that the egg requirement has been reached

| Year | Percentage above |
|------|------------------|
| 2014 | 92.91 |
| 2015 | 46.45 |
| 2016 | 0.52 |
| 2017 | 92.80 |
| 2018 | 22.61 |



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 Ailort: Grade 3



Detailed information on catches is not publicly available for this assessment area

Summary Table

| | | | Per | Percentage chance meeting requirement | | | | | | |
|-------------------------|--|---------------------------------------|------|---------------------------------------|-------|-------|-------|---------|-------|--|
| Eggs required $(m^2)^a$ | $\begin{array}{c} Area \\ (m^2)^a \end{array}$ | Total egg requirement ^a | 2014 | 2015 | 2016 | 2017 | 2018 | Overall | Grade | |
| 1.82 | 100,600 | 183,052 | 0 | 1.52 | 73.58 | 95.02 | 49.37 | 43.9 | 3 | |
| 1.02 | 100,000 | 100,002 | 0 | 1.02 | 10.00 | 50.02 | 45.01 | 10.0 | | |

^a Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

Annual estimated 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



3. Converting Number of Spawners to Number of Eggs



Egg contents of females

Total annual egg numbers



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

4. Egg requirement

Areas of salmon habitat in square meters

There is an estimated 105,955 square meters of known salmon habitat in the River Ailort and a further 8,326 square meters where salmon may be present.

Egg requirement



5. Percentage chance that the egg requirement has been reached

| Year | Percentage above |
|------|------------------|
| 2014 | - |
| 2015 | 1.52 |
| 2016 | 73.58 |
| 2017 | 95.02 |
| 2018 | 49.37 |



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 Moidart: Grade 2



Detailed information on catches is not publicly available for this assessment area

Summary Table

| | | | Percentage chance meeting requirement | | | | | | | |
|-------------------------|--|---------------------------------------|---------------------------------------|-------|-------|-------|-------|---------|-------|--|
| Eggs required $(m^2)^a$ | $\begin{array}{c} Area \\ (m^2)^a \end{array}$ | Total egg requirement ^a | 2014 | 2015 | 2016 | 2017 | 2018 | Overall | Grade | |
| 1.93 | 116,000 | 223,336 | 33.64 | 58.17 | 76.82 | 87.23 | 58.39 | 62.85 | 2 | |
| 0 D: | . 1 | 1, 1 | | | | | | | | |

^a Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

Annual estimated 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



3. Converting Number of Spawners to Number of Eggs



Egg contents of females

Total annual egg numbers



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

4. Egg requirement

Areas of salmon habitat in square meters

There is an estimated 119,987 square meters of known salmon habitat in the River Moidart and a further 11,812 square meters where salmon may be present.

Egg requirement



5. Percentage chance that the egg requirement has been reached

| Year | Percentage above |
|------|------------------|
| 2014 | 33.64 |
| 2015 | 58.17 |
| 2016 | 76.82 |
| 2017 | 87.23 |
| 2018 | 58.39 |



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 Shiel (Shielfoot): Grade 3



Summary Table

| | | | Percentage chance meeting requirement | | | | | | |
|-------------------------|--|---------------------------------------|---------------------------------------|-------|-------|-------|-------|---------|-------|
| Eggs required $(m^2)^a$ | $\begin{array}{c} Area \\ (m^2)^a \end{array}$ | Total egg requirement ^a | 2014 | 2015 | 2016 | 2017 | 2018 | Overall | Grade |
| 1.93 | 576,300 | 1,111,889 | 53.28 | 55.95 | 64.78 | 69.59 | 28.13 | 54.35 | 3 |
| a Figures press | nted and m | adian maluar | | | | | | | |

^a Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon





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 catch as a proportion of stock



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









3. Converting Number of Spawners to Number of Eggs



Egg contents of females





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).

4. Egg requirement

Areas of salmon habitat in square meters

There is an estimated 558,636 square meters of known salmon habitat in the River Shiel (Shielfoot) and a further 96,204 square meters where salmon may be present.

Egg requirement



5. Percentage chance that the egg requirement has been reached

| Year | Percentage above |
|------|------------------|
| 2014 | 53.28 |
| 2015 | 55.95 |
| 2016 | 64.78 |
| 2017 | 69.59 |
| 2018 | 28.13 |



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)
Achateny and Fascadale: Grade 3



Summary Table

| | | | Percentage chance meeting requirement | | | | | | |
|-------------------------|--|---------------------------------------|---------------------------------------|------|------|------|------|---------|-------|
| Eggs required $(m^2)^a$ | $\begin{array}{c} Area \\ (m^2)^a \end{array}$ | Total egg requirement ^a | 2014 | 2015 | 2016 | 2017 | 2018 | Overall | Grade |
| 1.55 | 62,000 | $96,\!057$ | 86.46 | 0 | 0 | 0 | 0 | 17.29 | 3 |
| | | | | | | | | | |

^a Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon





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 catch as a proportion of stock



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









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).

4. Egg requirement

Areas of salmon habitat in square meters

There is an estimated 35,989 square meters of known salmon habitat in the Achateny and Fascadale and a further 34,477 square meters where salmon may be present.

Egg requirement



5. Percentage chance that the egg requirement has been reached

| Year | Percentage above |
|------|------------------|
| 2014 | 86.46 |
| 2015 | - |
| 2016 | - |
| 2017 | - |
| 2018 | - |



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)