

# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 28 November 2023



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*Prepared By:*

South Coast Salmon Stock Assessment Section

Thursday 28<sup>th</sup> December, 2023



Fisheries and Oceans  
Canada

Pêches et Océans  
Canada

**your  
catch  
counts**

**Table 1: Numbers of Interviews conducted contributing to the area by day and access site.**

| Date        | Day Type | Thunderbird Marina |    |
|-------------|----------|--------------------|----|
|             |          | AM                 | PM |
| 29 Oct 2023 | Weekend  |                    | 2  |
| 30 Oct 2023 | Midweek  |                    |    |
| 31 Oct 2023 | Midweek  | 1                  |    |
| 01 Nov 2023 | Midweek  |                    |    |
| 02 Nov 2023 | Midweek  |                    |    |
| 03 Nov 2023 | Midweek  |                    |    |
| 04 Nov 2023 | Weekend  |                    |    |
| 05 Nov 2023 | Weekend  |                    |    |
| 06 Nov 2023 | Midweek  |                    |    |
| 07 Nov 2023 | Midweek  |                    |    |
| 08 Nov 2023 | Midweek  |                    |    |
| 09 Nov 2023 | Midweek  |                    |    |
| 10 Nov 2023 | Midweek  |                    |    |
| 11 Nov 2023 | Weekend  |                    |    |
| 12 Nov 2023 | Weekend  |                    |    |
| 13 Nov 2023 | Weekend  |                    |    |
| 14 Nov 2023 | Midweek  |                    |    |
| 15 Nov 2023 | Midweek  |                    |    |
| 16 Nov 2023 | Midweek  |                    |    |
| 17 Nov 2023 | Midweek  |                    |    |
| 18 Nov 2023 | Weekend  |                    |    |
| 19 Nov 2023 | Weekend  |                    |    |
| 20 Nov 2023 | Midweek  |                    |    |
| 21 Nov 2023 | Midweek  |                    |    |
| 22 Nov 2023 | Midweek  |                    |    |
| 23 Nov 2023 | Midweek  |                    |    |
| 24 Nov 2023 | Midweek  |                    |    |
| 25 Nov 2023 | Weekend  |                    |    |
| 26 Nov 2023 | Weekend  |                    |    |
| 27 Nov 2023 | Midweek  |                    |    |
| 28 Nov 2023 | Midweek  |                    |    |
| 29 Nov 2023 | Midweek  |                    |    |
| 30 Nov 2023 | Midweek  |                    |    |
| 01 Dec 2023 | Midweek  |                    |    |
| 02 Dec 2023 | Weekend  |                    |    |
| 03 Dec 2023 | Weekend  |                    |    |

*Table 2: Daily tally of interviews, catch and effort.*

| Date        | Day                         | Average Fishing Conditions | Interviews & Log Trips | Chinook | Coho | Sockeye | Halibut | Observed Fishing | Flight Time | Expanded Fishing |
|-------------|-----------------------------|----------------------------|------------------------|---------|------|---------|---------|------------------|-------------|------------------|
| 29-Oct-2023 | Sunday                      | calm/rippled               | 2                      |         |      |         |         |                  |             |                  |
| 30-Oct-2023 | Monday                      |                            | 0                      |         |      |         |         |                  |             |                  |
| 31-Oct-2023 | Tuesday                     | calm/rippled               | 2                      | 4       |      |         |         |                  |             |                  |
| 01-Nov-2023 | Wednesday                   |                            | 0                      |         |      |         |         |                  |             |                  |
| 02-Nov-2023 | Thursday                    |                            | 0                      |         |      |         |         |                  |             |                  |
| 03-Nov-2023 | Friday                      |                            | 1                      | 1       |      |         |         |                  |             |                  |
| 04-Nov-2023 | Saturday                    |                            | 0                      |         |      |         |         |                  |             |                  |
| 05-Nov-2023 | Sunday                      |                            | 0                      |         |      |         |         |                  |             |                  |
| 06-Nov-2023 | Monday                      |                            | 0                      |         |      |         |         |                  |             |                  |
| 07-Nov-2023 | Tuesday                     |                            | 0                      |         |      |         |         |                  |             |                  |
| 08-Nov-2023 | Wednesday                   |                            | 1                      | 2       |      |         |         |                  |             |                  |
| 09-Nov-2023 | Thursday                    |                            | 0                      |         |      |         |         |                  |             |                  |
| 10-Nov-2023 | Friday                      |                            | 1                      |         |      |         |         |                  |             |                  |
| 11-Nov-2023 | Saturday                    |                            | 0                      |         |      |         |         |                  |             |                  |
| 12-Nov-2023 | Sunday                      |                            | 0                      |         |      |         |         |                  |             |                  |
| 13-Nov-2023 | Monday<br>(Remembrance Day) |                            | 1                      | 2       |      |         |         |                  |             |                  |
| 14-Nov-2023 | Tuesday                     |                            | 0                      |         |      |         |         |                  |             |                  |
| 15-Nov-2023 | Wednesday                   |                            | 2                      | 3       |      |         |         |                  |             |                  |
| 16-Nov-2023 | Thursday                    |                            | 4                      | 1       |      |         |         |                  |             |                  |
| 17-Nov-2023 | Friday                      |                            | 0                      |         |      |         |         |                  |             |                  |
| 18-Nov-2023 | Saturday                    |                            | 0                      |         |      |         |         |                  |             |                  |
| 19-Nov-2023 | Sunday                      |                            | 0                      |         |      |         |         |                  |             |                  |
| 20-Nov-2023 | Monday                      |                            | 1                      | 2       |      |         |         |                  |             |                  |
| 21-Nov-2023 | Tuesday                     |                            | 0                      |         |      |         |         |                  |             |                  |
| 22-Nov-2023 | Wednesday                   |                            | 2                      |         |      |         |         |                  |             |                  |
| 23-Nov-2023 | Thursday                    |                            | 0                      |         |      |         |         |                  |             |                  |
| 24-Nov-2023 | Friday                      |                            | 0                      |         |      |         |         |                  |             |                  |
| 25-Nov-2023 | Saturday                    |                            | 0                      |         |      |         |         |                  |             |                  |
| 26-Nov-2023 | Sunday                      |                            | 0                      |         |      |         |         |                  |             |                  |
| 27-Nov-2023 | Monday                      |                            | 0                      |         |      |         |         |                  |             |                  |
| 28-Nov-2023 | Tuesday                     |                            | 1                      |         |      |         |         |                  |             |                  |
| 29-Nov-2023 | Wednesday                   |                            | 1                      | 2       |      |         |         |                  |             |                  |
| 30-Nov-2023 | Thursday                    |                            | 0                      |         |      |         |         |                  |             |                  |
| 01-Dec-2023 | Friday                      |                            | 0                      |         |      |         |         |                  |             |                  |
| 02-Dec-2023 | Saturday                    |                            | 1                      |         |      |         |         |                  |             |                  |
| 03-Dec-2023 | Sunday                      |                            | 0                      |         |      |         |         |                  |             |                  |
|             | Totals                      |                            | 14                     | 11      |      |         |         | *                |             | *                |
|             | Totals                      |                            | 1                      | 2       |      |         |         | *                |             | *                |

\* Average number of boats Observed and Expanded

**Table 3: Simple area based cpue (catch per boat trip) expansion.**

| Day Type | Average Expanded Boats | Number of Days | Total Estimated Effort | CPUE    |      |         |         | Retained |      |         |         |
|----------|------------------------|----------------|------------------------|---------|------|---------|---------|----------|------|---------|---------|
|          |                        |                |                        | Chinook | Coho | Sockeye | Halibut | Chinook  | Coho | Sockeye | Halibut |
| Midweek  |                        | 21             |                        | 0.786   |      |         |         |          |      |         |         |
| Weekend  |                        | 9              |                        | 2       |      |         |         |          |      |         |         |

**Table 4: Recent years estimates of retained catch and effort.**

| Year | Month | Total Effort | Chinook Kept | Coho Kept | Sockeye Kept | Halibut Kept |
|------|-------|--------------|--------------|-----------|--------------|--------------|
|------|-------|--------------|--------------|-----------|--------------|--------------|

**Table 5: Sport Head Recovery Review.**

| Species | Creel Marked Catch | Creel Mark Rate | Creel Submission Rate | iRec Marked Catch | iRec Mark Rate | iRec Submission Rate | Sport Head Recoveries |
|---------|--------------------|-----------------|-----------------------|-------------------|----------------|----------------------|-----------------------|
| Chinook |                    | %               |                       |                   | %              |                      | 16                    |

**Table 6: Guided Proprtions Review.**

| Data Source | Interviews / Angler Days | Guided Proportion |
|-------------|--------------------------|-------------------|
|-------------|--------------------------|-------------------|

Figure 1: Proportion of each day's fishing by hour.



Table 7: Proportion of each day's fishing by hour.

| Areas | Day Type | 6:00 | 7:00 | 8:00 | 9:00 | 10:00 | 11:00 | 12:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 |
|-------|----------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|       |          | AM   | AM   | AM   | AM   | AM    | AM    | PM    | PM    | PM    | PM    | PM    | PM    | PM    | PM    | PM    | PM    | PM    |

**Table 8: Daily Fishing Conditions.**

| Date        | Day Type | Thunderbird Marina |
|-------------|----------|--------------------|
| 29 Oct 2023 | Weekend  | calm/rippled       |
| 30 Oct 2023 | Midweek  |                    |
| 31 Oct 2023 | Midweek  | calm/rippled       |
| 01 Nov 2023 | Midweek  |                    |
| 02 Nov 2023 | Midweek  |                    |
| 03 Nov 2023 | Midweek  |                    |
| 04 Nov 2023 | Weekend  |                    |
| 05 Nov 2023 | Weekend  |                    |
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| 24 Nov 2023 | Midweek  |                    |
| 25 Nov 2023 | Weekend  |                    |
| 26 Nov 2023 | Weekend  |                    |
| 27 Nov 2023 | Midweek  |                    |
| 28 Nov 2023 | Midweek  |                    |
| 29 Nov 2023 | Midweek  |                    |
| 30 Nov 2023 | Midweek  |                    |
| 01 Dec 2023 | Midweek  |                    |
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| 03 Dec 2023 | Weekend  |                    |