

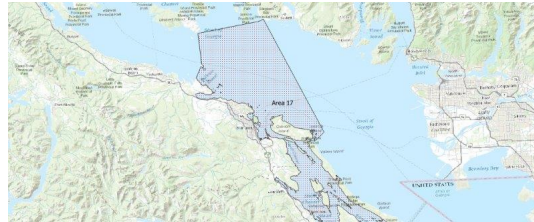
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 17 May 2025



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*Prepared By:*  
South Coast Salmon Stock Assessment Section

Sunday 23<sup>rd</sup> November, 2025



Fisheries and Oceans  
Canada

Pêches et Océans  
Canada



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

| Date        | Day Type | Brechin |    | Cowichan Bay<br>PM | Crofton Ramp |    | Ladysmith |    | Mill Bay | Schooner |
|-------------|----------|---------|----|--------------------|--------------|----|-----------|----|----------|----------|
|             |          | AM      | PM |                    | AM           | PM | AM        | PM | PM       | PM       |
| 28 Apr 2025 | Midweek  | 2       |    |                    |              |    |           |    |          |          |
| 29 Apr 2025 | Midweek  |         |    |                    |              |    |           |    |          |          |
| 30 Apr 2025 | Midweek  |         |    |                    |              |    |           | 6  |          |          |
| 01 May 2025 | Midweek  |         |    |                    |              |    |           |    |          |          |
| 02 May 2025 | Midweek  | 3       |    |                    |              |    |           |    |          |          |
| 03 May 2025 | Weekend  |         | 7  |                    |              |    | 6         |    |          |          |
| 04 May 2025 | Weekend  |         |    |                    | 1            |    |           |    |          |          |
| 05 May 2025 | Midweek  |         |    |                    |              |    |           |    |          |          |
| 06 May 2025 | Midweek  |         |    |                    |              |    |           |    |          |          |
| 07 May 2025 | Midweek  |         |    |                    |              |    | 1         |    |          |          |
| 08 May 2025 | Midweek  |         |    |                    |              |    |           |    |          |          |
| 09 May 2025 | Midweek  | 9       |    |                    |              |    |           |    |          |          |
| 10 May 2025 | Weekend  |         |    |                    |              |    | 4         |    |          |          |
| 11 May 2025 | Weekend  |         | 4  |                    |              |    |           | 6  | 1        |          |
| 12 May 2025 | Midweek  |         |    |                    |              |    |           |    |          |          |
| 13 May 2025 | Midweek  |         | 15 |                    |              |    |           |    |          |          |
| 14 May 2025 | Midweek  |         |    |                    |              |    |           | 3  |          |          |
| 15 May 2025 | Midweek  |         |    |                    |              |    |           |    |          |          |
| 16 May 2025 | Midweek  |         |    |                    |              |    |           |    |          |          |
| 17 May 2025 | Weekend  |         |    | 1                  |              | 7  |           |    |          |          |
| 18 May 2025 | Weekend  |         |    |                    |              |    |           |    |          |          |
| 19 May 2025 | Weekend  |         |    |                    |              |    |           |    |          |          |
| 20 May 2025 | Midweek  |         |    |                    |              |    |           |    |          |          |
| 21 May 2025 | Midweek  |         |    |                    | 3            |    |           |    |          |          |
| 22 May 2025 | Midweek  |         | 7  |                    |              |    |           |    |          |          |
| 23 May 2025 | Midweek  |         |    |                    |              |    | 4         |    |          |          |
| 24 May 2025 | Weekend  |         |    |                    |              |    |           | 8  |          |          |
| 25 May 2025 | Weekend  |         |    |                    |              | 7  |           |    |          | 1        |
| 26 May 2025 | Midweek  |         |    |                    |              |    |           |    |          |          |
| 27 May 2025 | Midweek  |         |    |                    |              |    |           | 2  |          |          |
| 28 May 2025 | Midweek  |         |    |                    |              |    | 2         |    |          | 1        |
| 29 May 2025 | Midweek  |         |    |                    |              |    |           |    |          |          |
| 30 May 2025 | Midweek  |         |    |                    |              |    |           |    |          |          |
| 31 May 2025 | Weekend  |         | 1  |                    |              |    |           |    |          | 1        |
| 01 Jun 2025 | Weekend  | 3       |    |                    |              |    |           |    |          |          |
| 02 Jun 2025 | Midweek  |         |    |                    |              |    |           |    |          |          |
| 03 Jun 2025 | Midweek  |         |    |                    |              |    |           |    |          |          |

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 |
|-------------|--------------------------|----------------------------|------------------------|---------|------|---------|---------|------------------|-------------|------------------|
| 28-Apr-2025 | Monday                   | choppy                     | 2                      |         |      |         |         |                  |             |                  |
| 29-Apr-2025 | Tuesday                  |                            | 0                      |         |      |         |         |                  |             |                  |
| 30-Apr-2025 | Wednesday                | calm/rippled               | 6                      |         |      |         |         |                  |             |                  |
| 01-May-2025 | Thursday                 |                            | 0                      |         |      |         |         |                  |             |                  |
| 02-May-2025 | Friday                   | choppy                     | 3                      |         |      |         |         |                  |             |                  |
| 03-May-2025 | Saturday                 | calm/rippled               | 13                     |         |      |         |         |                  |             |                  |
| 04-May-2025 | Sunday                   | choppy                     | 1                      |         |      |         |         | 7                | 1059        | 22               |
| 05-May-2025 | Monday                   |                            | 3                      |         |      |         |         | 39               | 1029        | 87               |
| 06-May-2025 | Tuesday                  |                            | 0                      |         |      |         |         |                  |             |                  |
| 07-May-2025 | Wednesday                | calm/rippled               | 1                      |         |      |         |         |                  |             |                  |
| 08-May-2025 | Thursday                 |                            | 0                      |         |      |         |         |                  |             |                  |
| 09-May-2025 | Friday                   | calm/rippled               | 12                     |         |      |         |         |                  |             |                  |
| 10-May-2025 | Saturday                 | choppy                     | 5                      |         |      |         |         | 33               | 1051        | 96               |
| 11-May-2025 | Sunday                   | calm/rippled               | 11                     |         |      |         |         |                  |             |                  |
| 12-May-2025 | Monday                   |                            | 0                      |         |      |         |         | 8                | 1043        | 18               |
| 13-May-2025 | Tuesday                  | choppy                     | 15                     |         |      |         |         |                  |             |                  |
| 14-May-2025 | Wednesday                | choppy                     | 3                      |         |      |         |         |                  |             |                  |
| 15-May-2025 | Thursday                 |                            | 0                      |         |      |         |         |                  |             |                  |
| 16-May-2025 | Friday                   |                            | 0                      |         |      |         |         |                  |             |                  |
| 17-May-2025 | Saturday                 | calm/rippled               | 8                      |         |      |         |         |                  |             |                  |
| 18-May-2025 | Sunday                   |                            | 0                      |         |      |         |         |                  |             |                  |
| 19-May-2025 | Monday<br>(Victoria Day) |                            | 0                      |         |      |         |         |                  |             |                  |
| 20-May-2025 | Tuesday                  |                            | 0                      |         |      |         |         | 3                | 1040        | 6                |
| 21-May-2025 | Wednesday                | calm/rippled               | 3                      |         |      |         |         |                  |             |                  |
| 22-May-2025 | Thursday                 | choppy                     | 7                      |         |      |         |         |                  |             |                  |
| 23-May-2025 | Friday                   | choppy                     | 4                      |         |      |         |         |                  |             |                  |
| 24-May-2025 | Saturday                 | choppy                     | 8                      |         |      |         |         | 38               | 1104        | 98               |
| 25-May-2025 | Sunday                   | choppy                     | 8                      |         |      |         |         | 33               | 1047        | 104              |
| 26-May-2025 | Monday                   |                            | 0                      |         |      |         |         |                  |             |                  |
| 27-May-2025 | Tuesday                  | calm/rippled               | 2                      |         |      |         |         | 13               | 1041        | 29               |
| 28-May-2025 | Wednesday                | calm/rippled               | 3                      |         |      |         |         |                  |             |                  |
| 29-May-2025 | Thursday                 |                            | 0                      |         |      |         |         |                  |             |                  |
| 30-May-2025 | Friday                   |                            | 2                      |         |      |         |         |                  |             |                  |
| 31-May-2025 | Saturday                 | choppy                     | 2                      |         |      |         |         |                  |             |                  |
| 01-Jun-2025 | Sunday                   | frequent whitecaps         | 3                      |         |      |         |         | 5                | 1048        | 14               |
| 02-Jun-2025 | Monday                   |                            | 0                      |         |      |         |         |                  |             |                  |
| 03-Jun-2025 | Tuesday                  |                            | 0                      |         |      |         |         |                  |             |                  |
|             | Totals                   | choppy                     | 58                     |         |      |         |         | 16*              |             | 35*              |
|             | Totals                   | choppy                     | 56                     |         |      |         |         | 28*              |             | 80*              |

\* 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  | 35                     | 21             | 735                    |         |      |         |         |          |      |         |         |
| Weekend  | 80                     | 10             | 800                    |         |      |         |         |          |      |         |         |

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

| Year     | Month | Total Effort | Chinook Kept | Coho Kept | Sockeye Kept | Halibut Kept |
|----------|-------|--------------|--------------|-----------|--------------|--------------|
| 2020     | May   | 1352         |              |           |              |              |
| 2021     | May   | 2272         | 0            | 0         |              | 0            |
| 2022     | May   | 1677         | 0            |           |              | 0            |
| 2023     | May   | 1345         | 20           | 0         |              | 0            |
| 2024     | May   | 763          | 15           | 0         |              | 0            |
| 2025     | May   | 1355         | 0            | 0         |              | 0            |
| 5-Yr Avg | May   | 1482         | 9            | 0         |              | 0            |

**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 |
|---------|--------------------|-----------------|-----------------------|-------------------|----------------|----------------------|-----------------------|
|---------|--------------------|-----------------|-----------------------|-------------------|----------------|----------------------|-----------------------|

**Table 6: Guided Proprtions Review.**

| Data Source      | Interviews / Angler Days | Guided Proportion |
|------------------|--------------------------|-------------------|
| Creel Interivews | 105                      | 0%                |
| iRec Anglers     | 1715                     | 13%               |

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

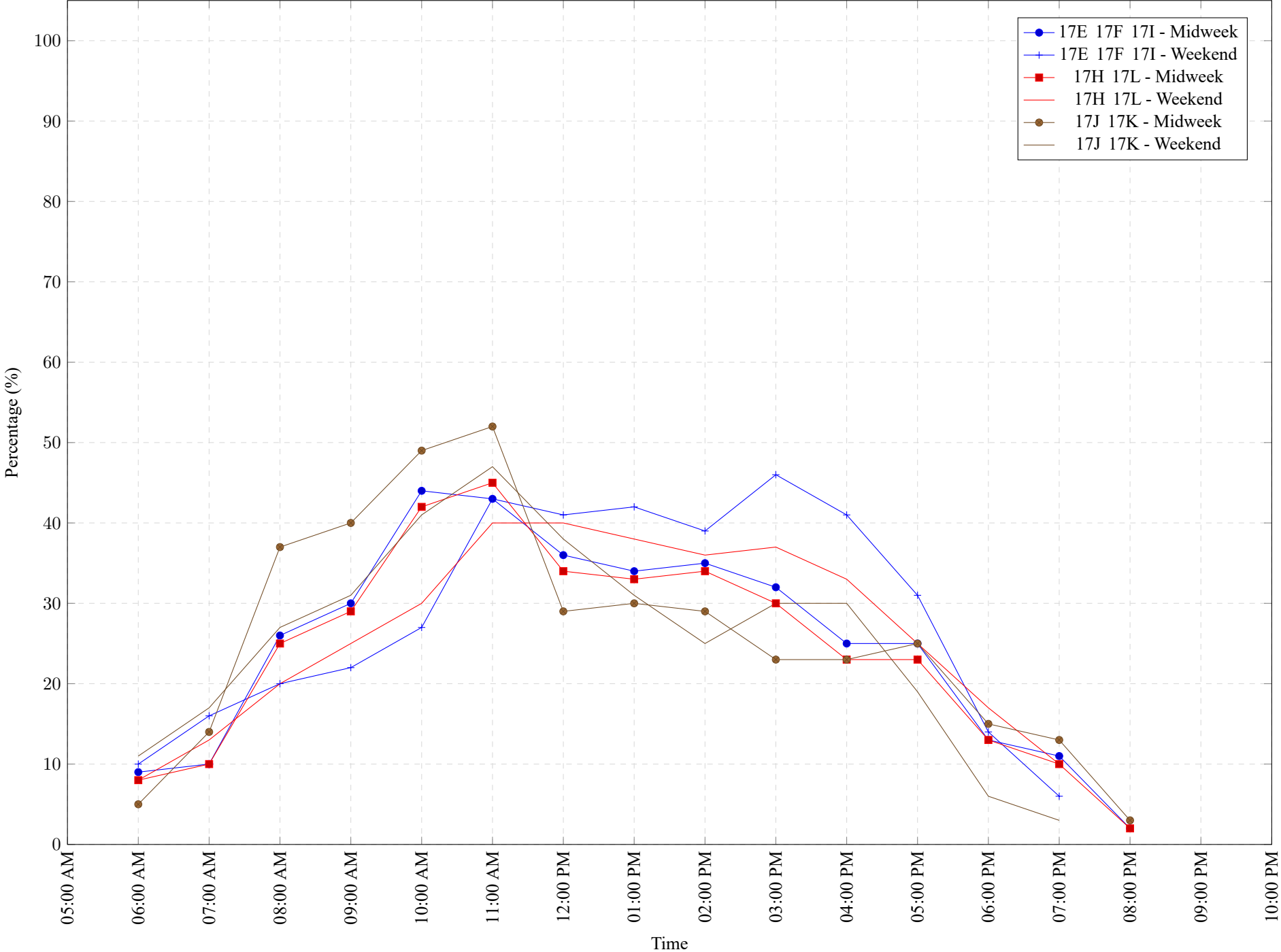


Table 7: Proportion of each day's fishing by hour.

| Areas |     |     | Day Type | 6:00 AM | 7:00 AM | 8:00 AM | 9:00 AM | 10:00 AM | 11:00 AM | 12:00 PM | 01:00 PM | 02:00 PM | 03:00 PM | 04:00 PM | 05:00 PM | 06:00 PM | 07:00 PM | 08:00 PM | 09:00 PM | 10:00 PM |
|-------|-----|-----|----------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 17E   | 17F | 17I | Midweek  | 9%      | 10%     | 26%     | 30%     | 44%      | 43%      | 36%      | 34%      | 35%      | 32%      | 25%      | 25%      | 13%      | 11%      | 2%       | 0%       | 0%       |
| 17E   | 17F | 17I | Weekend  | 10%     | 16%     | 20%     | 22%     | 27%      | 43%      | 41%      | 42%      | 39%      | 46%      | 41%      | 31%      | 14%      | 6%       | 0%       | 0%       | 0%       |
| 17H   | 17L |     | Midweek  | 8%      | 10%     | 25%     | 29%     | 42%      | 45%      | 34%      | 33%      | 34%      | 30%      | 23%      | 23%      | 13%      | 10%      | 2%       | 0%       | 0%       |
| 17H   | 17L |     | Weekend  | 8%      | 13%     | 20%     | 25%     | 30%      | 40%      | 40%      | 38%      | 36%      | 37%      | 33%      | 25%      | 17%      | 10%      | 0%       | 0%       | 0%       |
| 17J   | 17K |     | Midweek  | 5%      | 14%     | 37%     | 40%     | 49%      | 52%      | 29%      | 30%      | 29%      | 23%      | 23%      | 25%      | 15%      | 13%      | 3%       | 0%       | 0%       |
| 17J   | 17K |     | Weekend  | 11%     | 17%     | 27%     | 31%     | 41%      | 47%      | 38%      | 31%      | 25%      | 30%      | 30%      | 19%      | 6%       | 3%       | 0%       | 0%       | 0%       |

**Table 8: Daily Fishing Conditions.**

| Date        | Day Type | Brechin            | Cowichan Bay | Crofton Ramp | Ladysmith    | Mill Bay     | Schooner     |
|-------------|----------|--------------------|--------------|--------------|--------------|--------------|--------------|
| 28 Apr 2025 | Midweek  | choppy             |              |              |              |              |              |
| 29 Apr 2025 | Midweek  |                    |              |              |              |              |              |
| 30 Apr 2025 | Midweek  |                    |              |              | calm/rippled |              |              |
| 01 May 2025 | Midweek  |                    |              |              |              |              |              |
| 02 May 2025 | Midweek  | choppy             |              |              |              |              |              |
| 03 May 2025 | Weekend  | calm/rippled       |              |              | choppy       |              |              |
| 04 May 2025 | Weekend  |                    |              | choppy       |              |              |              |
| 05 May 2025 | Midweek  |                    |              |              |              |              |              |
| 06 May 2025 | Midweek  |                    |              |              |              |              |              |
| 07 May 2025 | Midweek  |                    |              |              | calm/rippled |              |              |
| 08 May 2025 | Midweek  |                    |              |              |              |              |              |
| 09 May 2025 | Midweek  | calm/rippled       |              |              |              |              |              |
| 10 May 2025 | Weekend  |                    |              |              | choppy       |              |              |
| 11 May 2025 | Weekend  | calm/rippled       |              |              | calm/rippled | calm/rippled |              |
| 12 May 2025 | Midweek  |                    |              |              |              |              |              |
| 13 May 2025 | Midweek  | choppy             |              |              |              |              |              |
| 14 May 2025 | Midweek  |                    |              |              | choppy       |              |              |
| 15 May 2025 | Midweek  |                    |              |              |              |              |              |
| 16 May 2025 | Midweek  |                    |              |              |              |              |              |
| 17 May 2025 | Weekend  |                    | choppy       | calm/rippled |              |              |              |
| 18 May 2025 | Weekend  |                    |              |              |              |              |              |
| 19 May 2025 | Weekend  |                    |              |              |              |              |              |
| 20 May 2025 | Midweek  |                    |              |              |              |              |              |
| 21 May 2025 | Midweek  |                    |              | calm/rippled |              |              |              |
| 22 May 2025 | Midweek  | choppy             |              |              |              |              |              |
| 23 May 2025 | Midweek  |                    |              |              | choppy       |              |              |
| 24 May 2025 | Weekend  |                    |              |              | choppy       |              |              |
| 25 May 2025 | Weekend  |                    |              | choppy       |              |              | choppy       |
| 26 May 2025 | Midweek  |                    |              |              |              |              |              |
| 27 May 2025 | Midweek  |                    |              |              | calm/rippled |              |              |
| 28 May 2025 | Midweek  |                    |              |              | calm/rippled |              | calm/rippled |
| 29 May 2025 | Midweek  |                    |              |              |              |              |              |
| 30 May 2025 | Midweek  |                    |              |              |              |              |              |
| 31 May 2025 | Weekend  | choppy             |              |              |              |              | choppy       |
| 01 Jun 2025 | Weekend  | frequent whitecaps |              |              |              |              |              |
| 02 Jun 2025 | Midweek  |                    |              |              |              |              |              |
| 03 Jun 2025 | Midweek  |                    |              |              |              |              |              |