**WINTER-RUN GRAPHS**

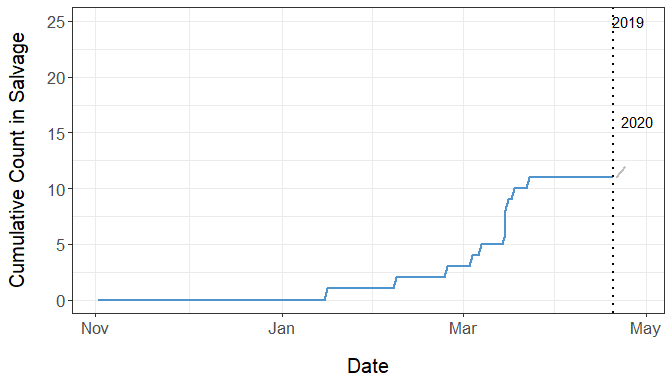
Figure. Cumulative Count of current and historic Genetic WR 

Figure. Histogram of historic genetic winter-run salvage

## `stat\_bin()` using `bins = 30`. Pick better value with `binwidth`.

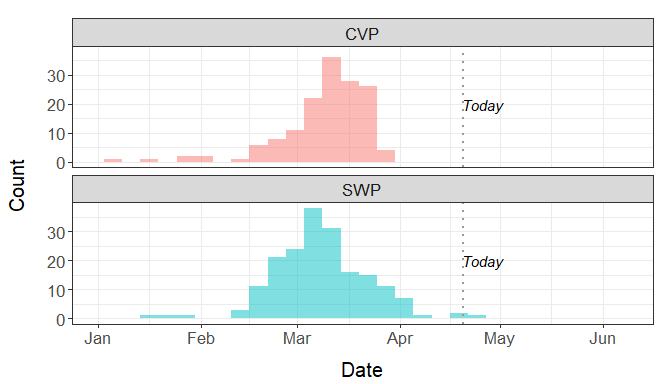


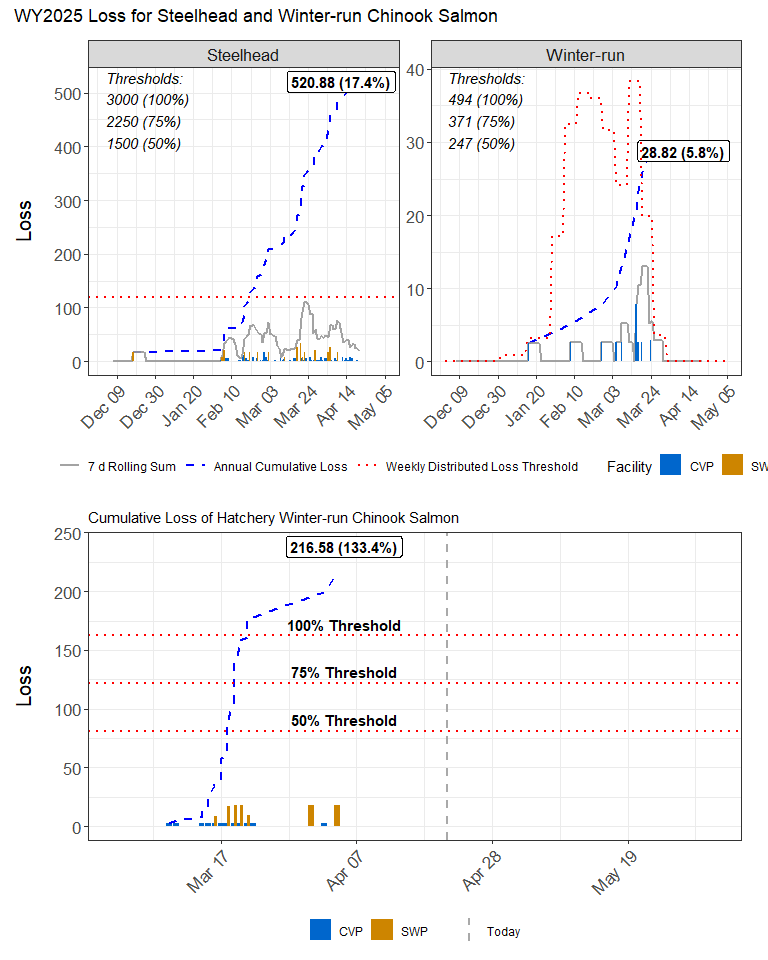
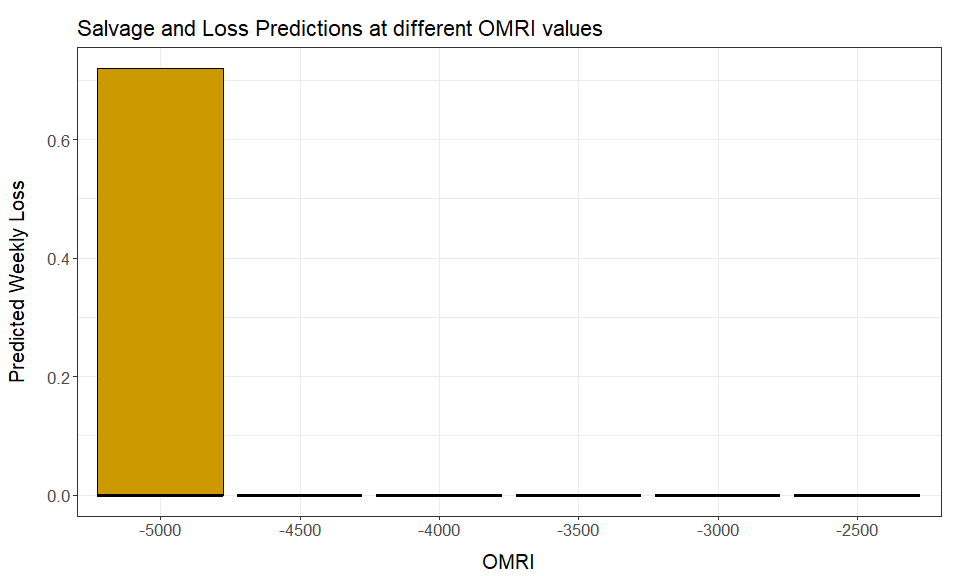
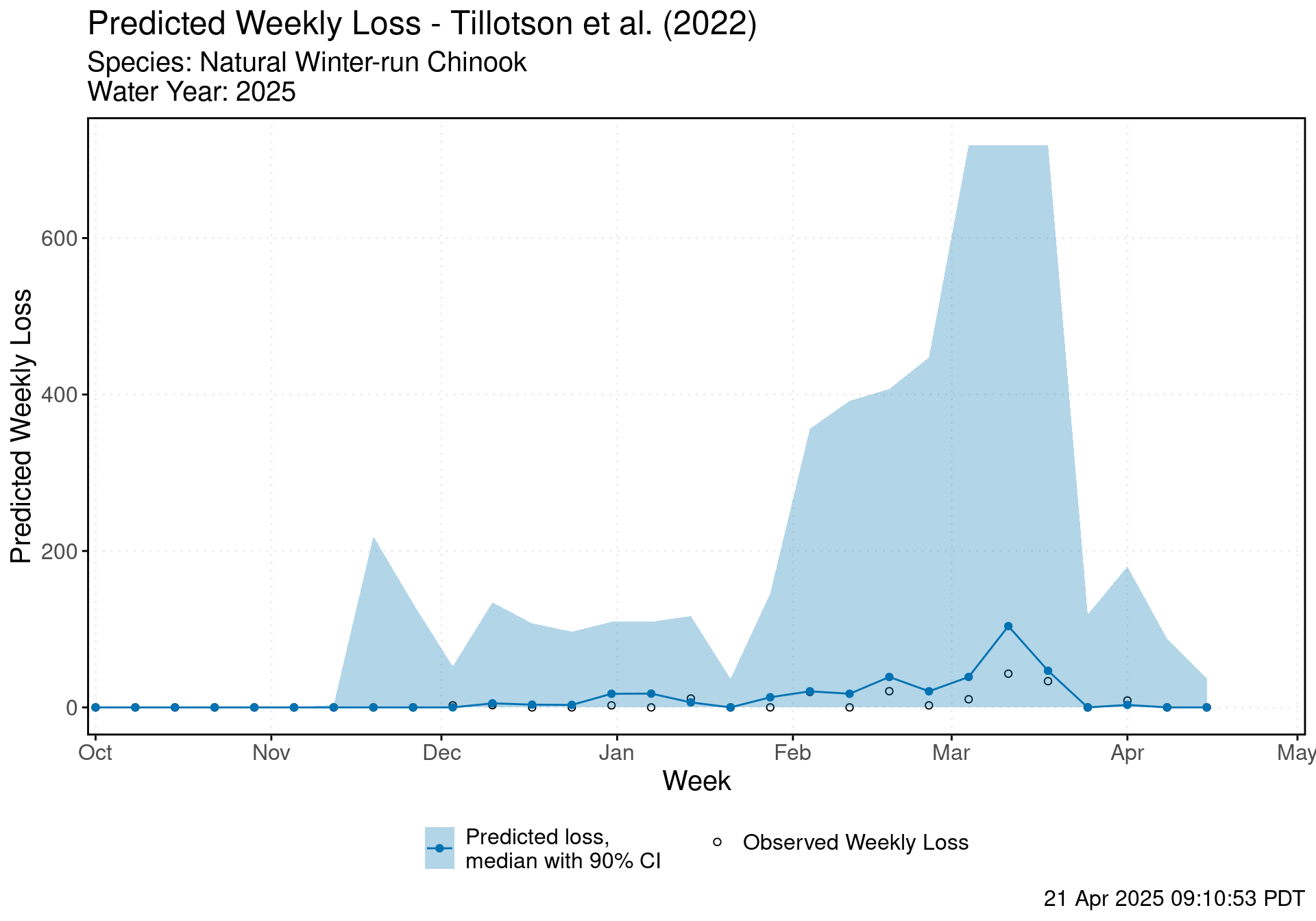
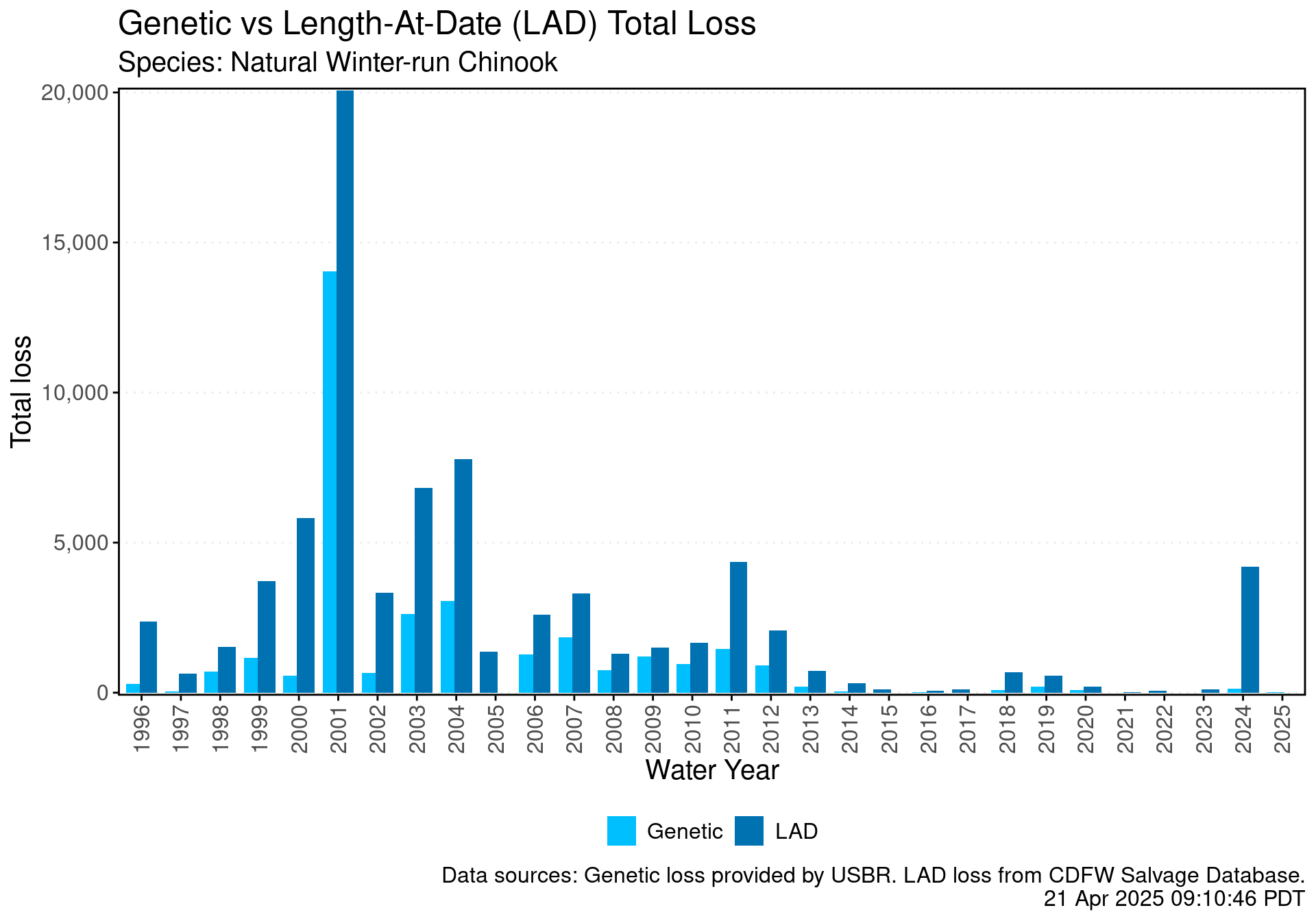
Figure. Summary of WY 2025 loss of CCV steelhead and wild and hatchery winter-run 

Figure. Tillotson predictions at different OMRI scenarios  ### SACPAS TABLES TABLE X. Winter-run weekly distributed loss threshold.Last updated 04/21/2025

| Date | Winter-run Daily Loss | Winter-run 7-day rolling sum loss | Winter-run Daily Threshold | Winter-run Daily Trigger |
| --- | --- | --- | --- | --- |
| Apr 15 | 0 | 0 | 0 | No |
| Apr 16 | 0 | 0 | 0 | No |
| Apr 17 | 0 | 0 | 0 | No |
| Apr 18 | 0 | 0 | 0 | No |
| Apr 19 | 0 | 0 | 0 | No |
| Apr 20 | 0 | 0 | 0 | No |
| Apr 21 | 0 | 0 | 0 | No |

TABLE. Historic migration and salvage patterns.Last updated 04/21/2025

| Species | RedBluffDiversionDam | TisdaleRst | KnightsLandingRst | SacTrawlSherwoodCatchIndex | ChippsIslandTrawlCatchIndex | Salvage |
| --- | --- | --- | --- | --- | --- | --- |
| Chinook, LAD Winter-run, Unclipped | 100.0%(100.0%,100.0%) BY: 2015 - 2023 | 100.0%(100.0%,100.0%) BY: 2015 - 2023 | 99.9%(99.6%,100.2%) BY: 2015 - 2023 | 94.6%(84.4%,104.8%) BY: 2015 - 2023 | 95.3%(91.3%,99.3%) BY: 2015 - 2023 | 96.8%(93.8%,99.8%) WY: 2015 - 2024 |
| Chinook, LAD Spring-run, Unclipped | 87.4%(77.9%,97.0%) BY: 2015 - 2023 | 96.8%(94.8%,98.7%) BY: 2015 - 2023 | 91.1%(81.9%,100.3%) BY: 2015 - 2023 | 80.6%(71.7%,89.6%) BY: 2015 - 2023 | 50.9%(36.8%,64.9%) BY: 2015 - 2023 | 35.5%(16.6%,54.3%) WY: 2015 - 2024 |
| Steelhead, Unclipped (January-December) | 8.1%(3.7%,12.6%) BY: 2015 - 2024 | 64.2%(40.2%,88.3%) BY: 2015 - 2024 | 64.2%(41.7%,86.7%) BY: 2015 - 2024 | 81.8%(67.4%,96.1%) BY: 2015 - 2024 | 71.1%(58.1%,84.1%) BY: 2015 - 2024 |  |
| Chinook, DNA Winter-run, Unclipped (Water Year) |  |  |  |  |  | 97.7%(93.8%,101.7%) WY: 2020 - 2024 |
| Steelhead, Unclipped (Water Year) |  |  |  |  |  | 74.6%(65.0%,84.1%) WY: 2015 - 2024 |

**STEELHEAD THINGS**

| Species | RedBluffDiversionDam | TisdaleRst | KnightsLandingRst | SacTrawlSherwoodCatchIndex | ChippsIslandTrawlCatchIndex | Salvage |
| --- | --- | --- | --- | --- | --- | --- |
| Steelhead, Unclipped (January-December) | 8.1%(3.7%,12.6%) BY: 2015 - 2024 | 64.2%(40.2%,88.3%) BY: 2015 - 2024 | 64.2%(41.7%,86.7%) BY: 2015 - 2024 | 81.8%(67.4%,96.1%) BY: 2015 - 2024 | 71.1%(58.1%,84.1%) BY: 2015 - 2024 |  |
| Steelhead, Unclipped (Water Year) |  |  |  |  |  | 74.6%(65.0%,84.1%) WY: 2015 - 2024 |

TABLE X. Steelhead weekly distributed loss threshold.Last updated 04/21/2025

| Date | Steelhead Daily Salvage | Steelhead 7-day rolling sum loss | Steelhead Daily Trigger |
| --- | --- | --- | --- |
| Apr 15 | 2.72 | 39.08 | No |
| Apr 16 | 8.16 | 27.20 | No |
| Apr 17 | 5.44 | 32.64 | No |
| Apr 18 | 0.00 | 32.64 | No |
| Apr 19 | 0.00 | 24.48 | No |
| Apr 20 | 2.72 | 24.48 | No |
| Apr 21 | 0.00 | 19.04 | No |

Figures from SacPAS for steelhead

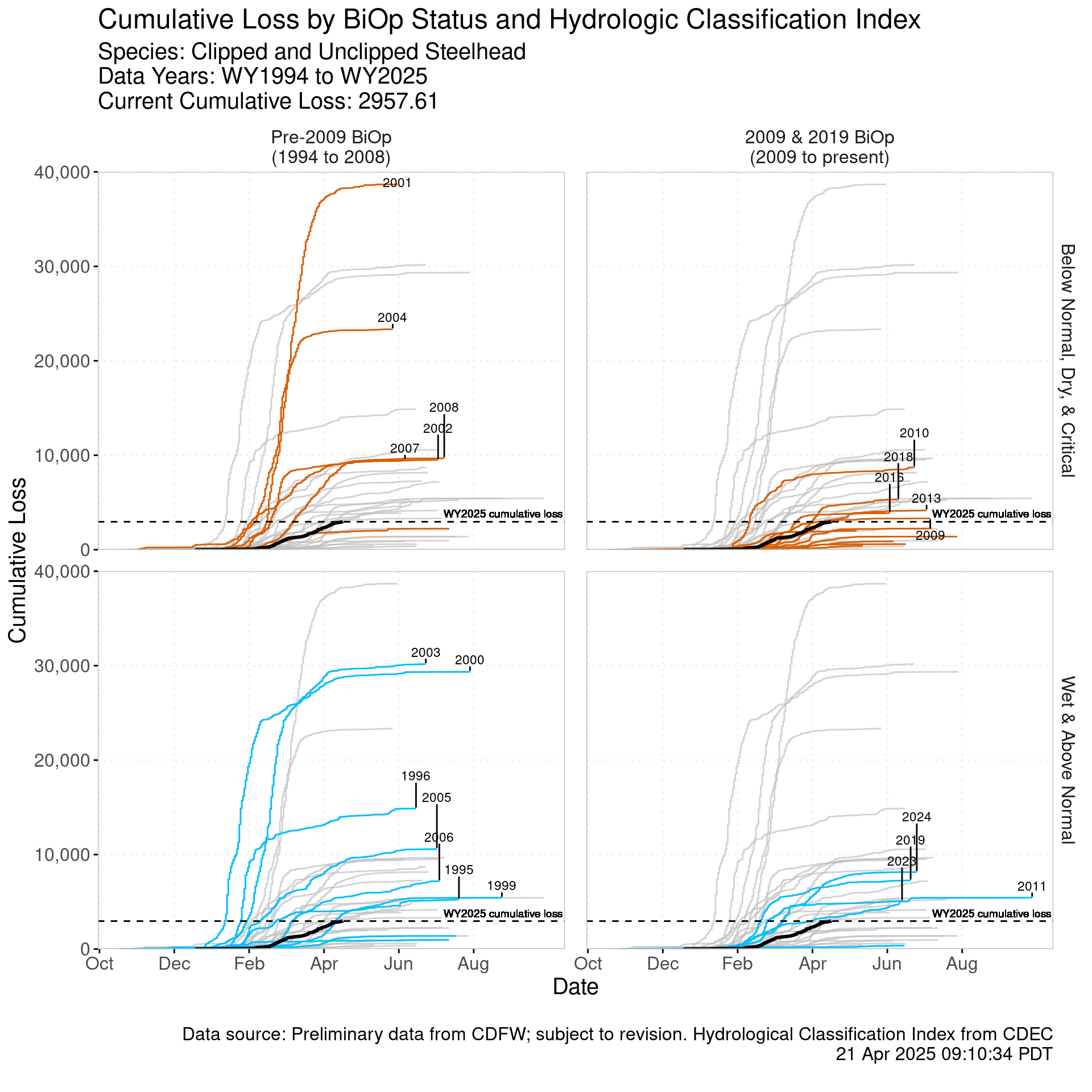
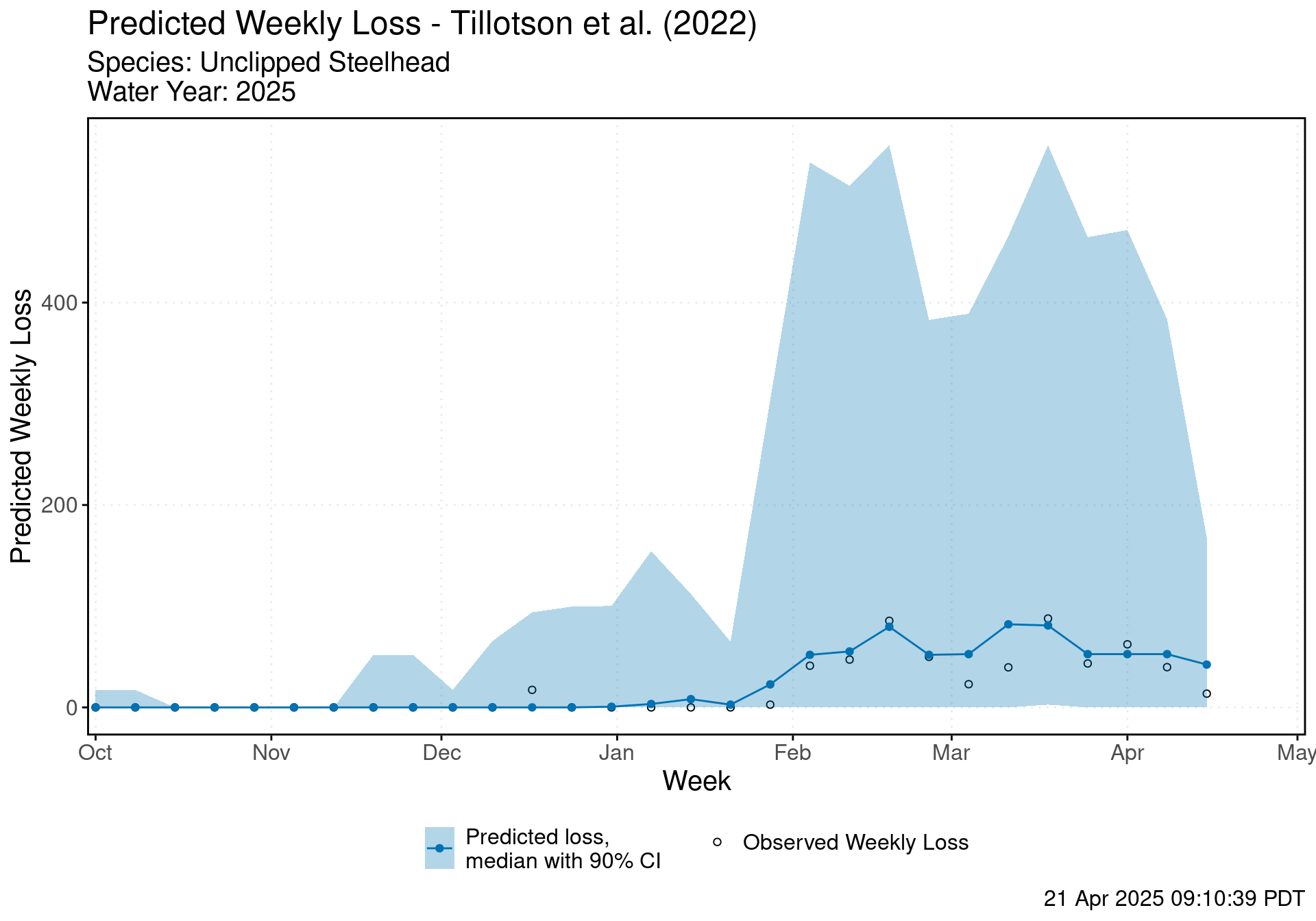
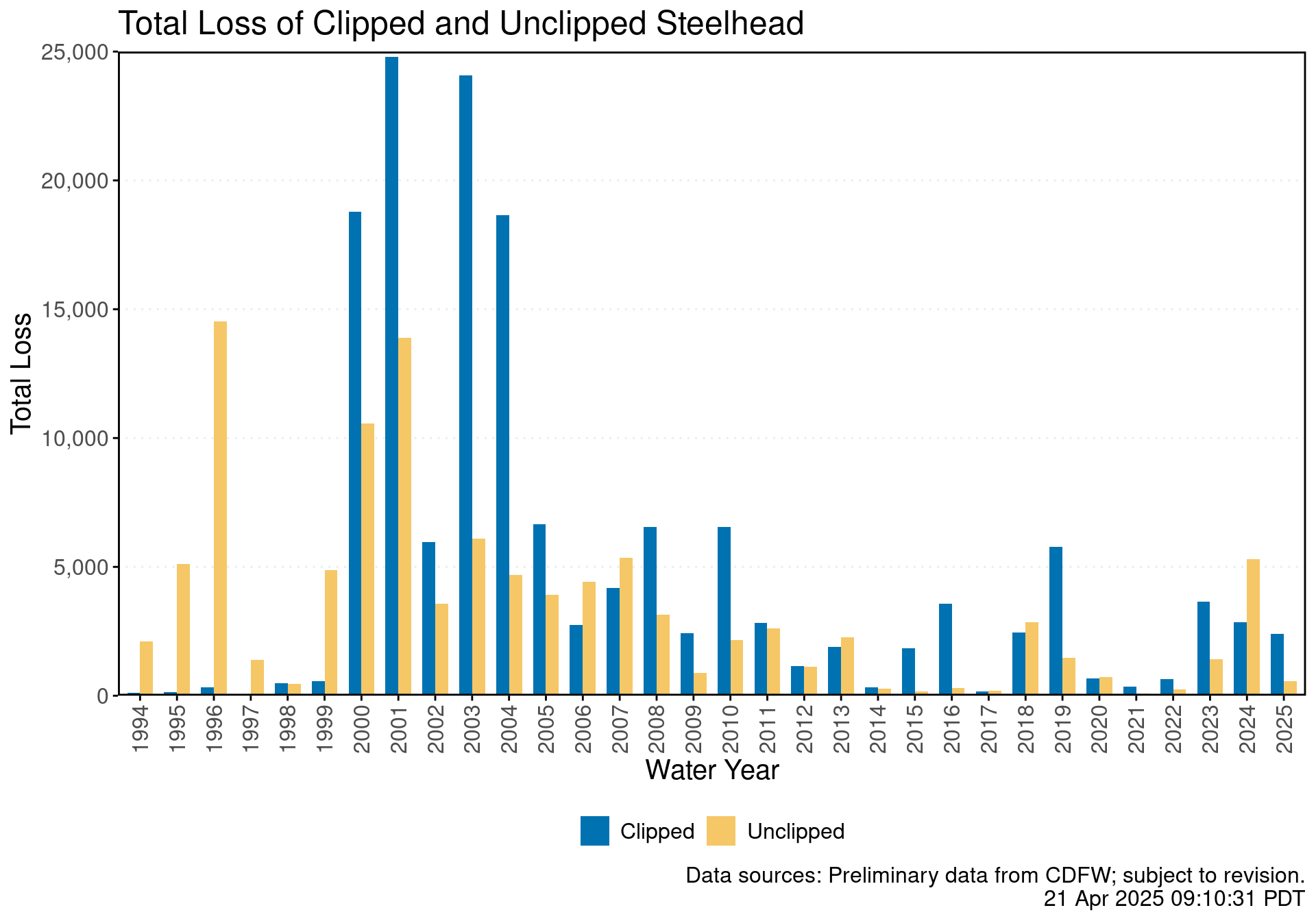
  

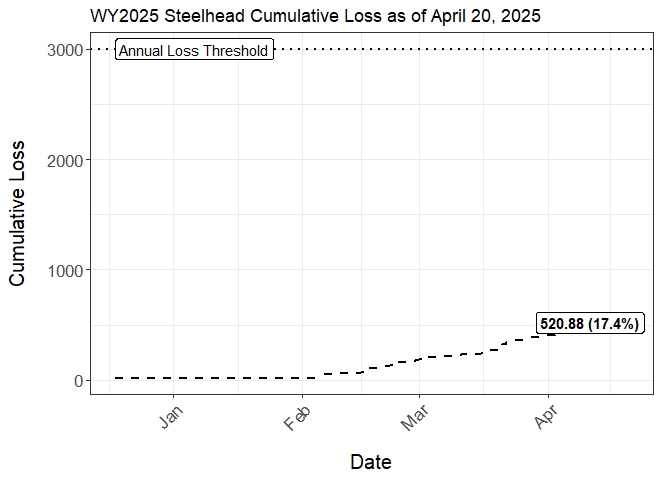
Figure. SH cumulative loss 

Figure. Histogram of historic clipped and unclipped steelhead salvage

## `stat\_bin()` using `bins = 30`. Pick better value with `binwidth`.

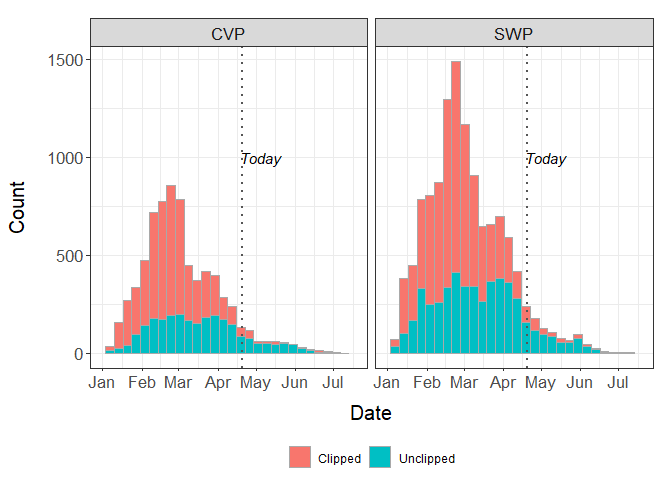
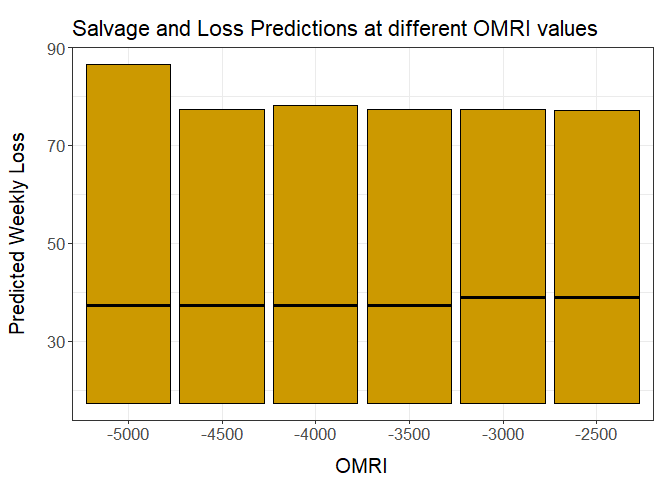


Figure. Tillotson predictions for steelhead at different OMRI scenarios 

**SPRING-RUN THINGS**

TABLE X. Spring-run surrogate release information and loss.Last updated 04/21/2025

| Type | Hatchery | Release Date | Run | Release Size | CWT Released | Loss Threshold | Loss | First/Last Loss |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Yearling | Coleman NFH | 2024-11-20 | Late-Fall | 698,892 | 698,892 | 1,747.23 | 1051.21 (60.2%) | Nov 29/Apr 05 |
| Yearling | Coleman NFH | 2024-12-13 | Late-Fall | 77,355 | 77,355 | 193.39 | 72.52 (37.5%) | Dec 25/Jan 12 |
| Yearling | Coleman NFH | 2025-01-17 | Late-Fall | 74,425 | 74,425 | 186.06 | 43.34 (23.3%) | Jan 30/Apr 04 |
| Young-of-year | Feather River Hatchery | 2025-03-14 | Spring | 961,411 | 476,741 | 1,191.85 | 16.56 (1.4%) | Apr 06/Apr 06 |
| Young-of-year | Feather River Hatchery | 2025-03-21 | Spring | 962,741 | 475,831 | 1,189.58 | 76.26 (6.4%) | Mar 31/Apr 17 |
| Young-of-year | Feather River Hatchery | 2025-04-09 | Spring | 1,012,800 | 504,304 | 1,260.76 | 0 (0%) | NA/NA |