**WINTER-RUN GRAPHS**

Figure. STARS prediction with 80% CIs.

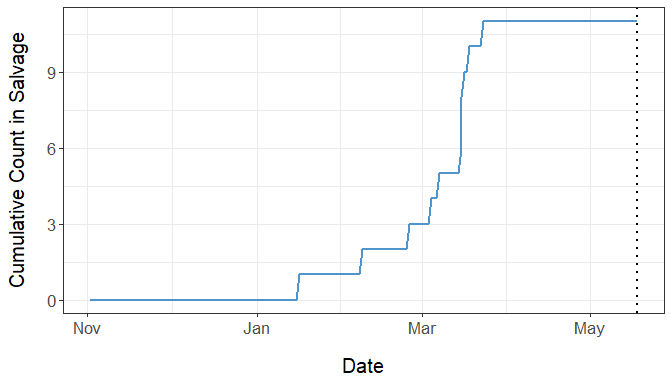
Figure. Cumulative Count of current and historic Genetic WR 

Figure. Histogram of historic genetic winter-run salvage

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

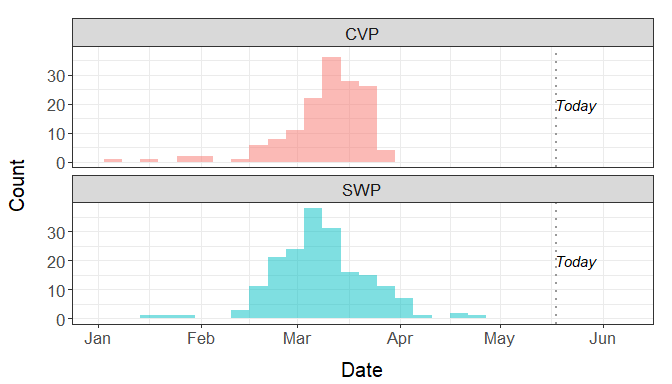


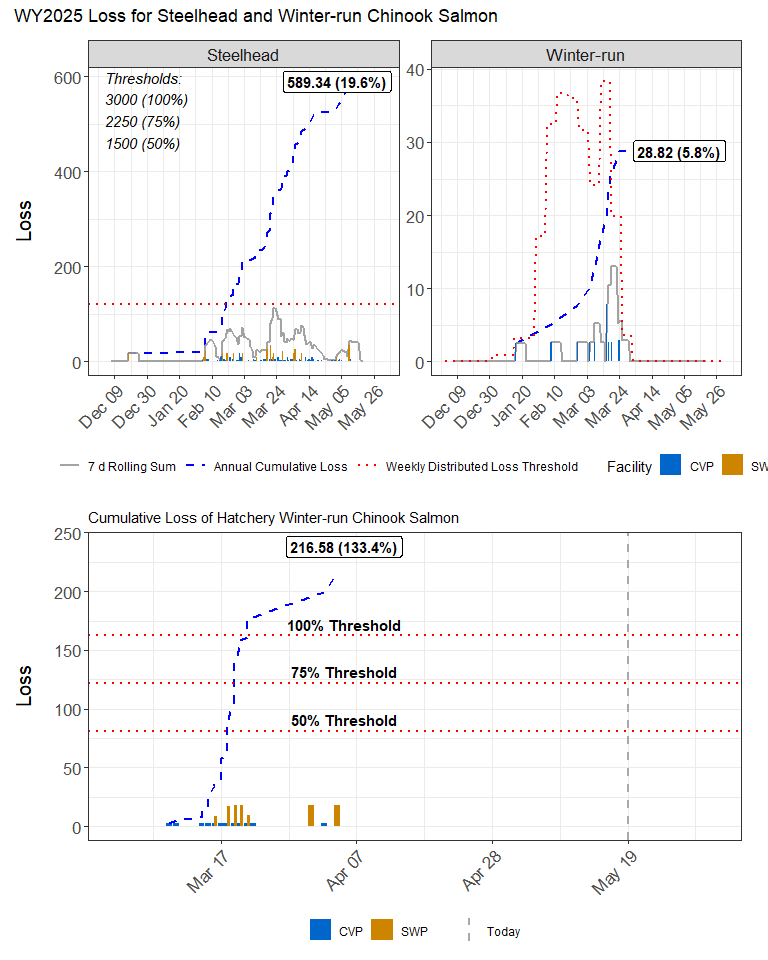
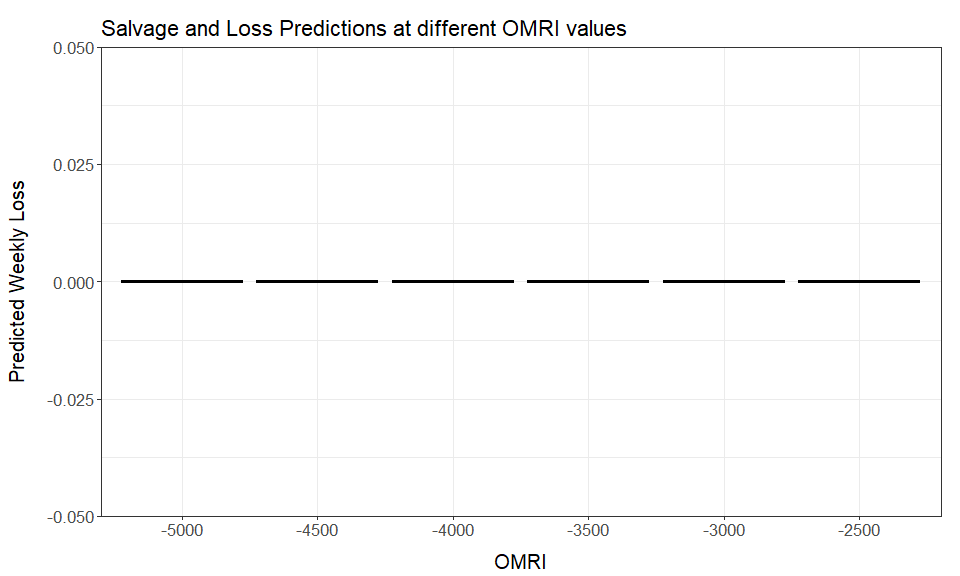
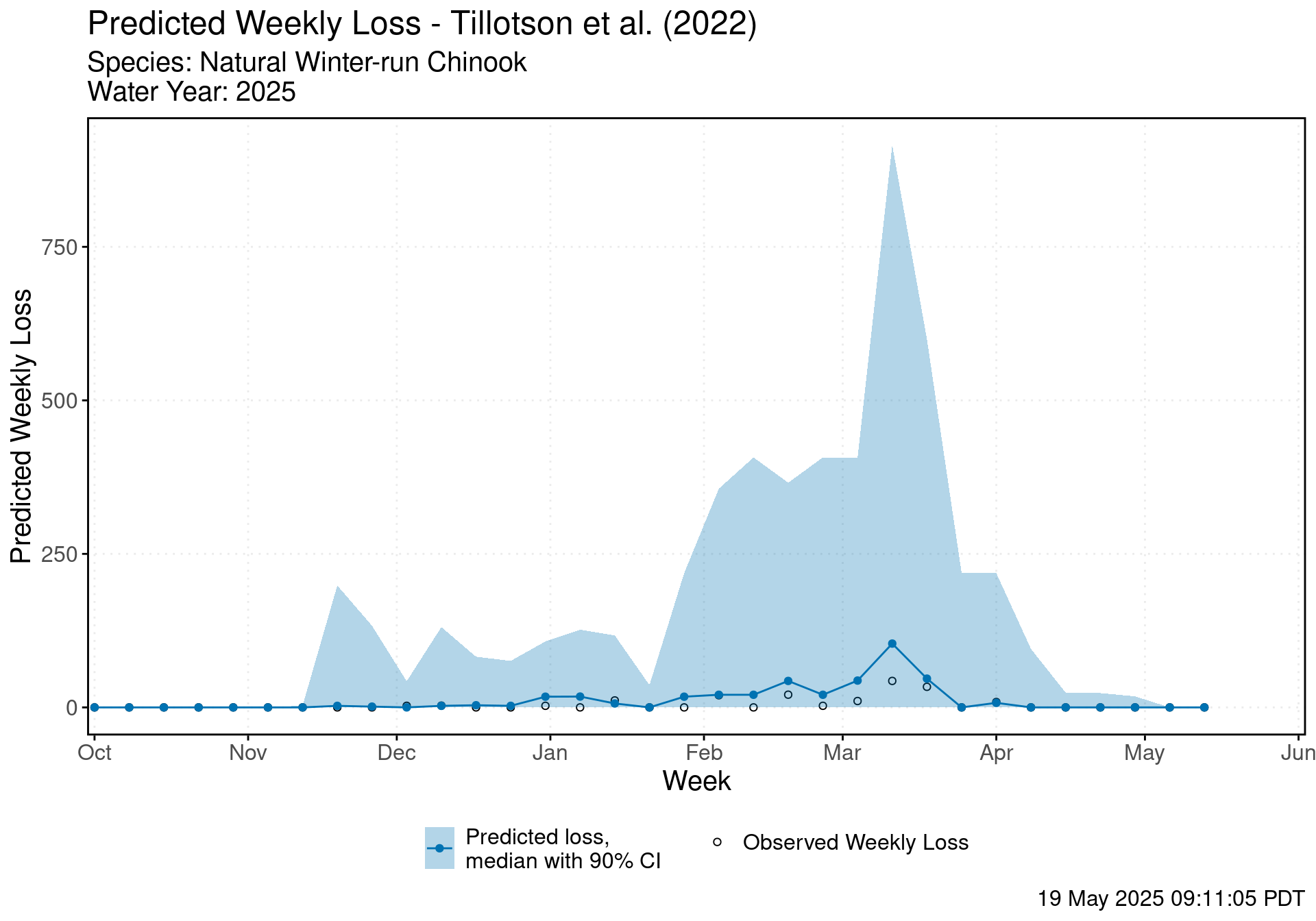
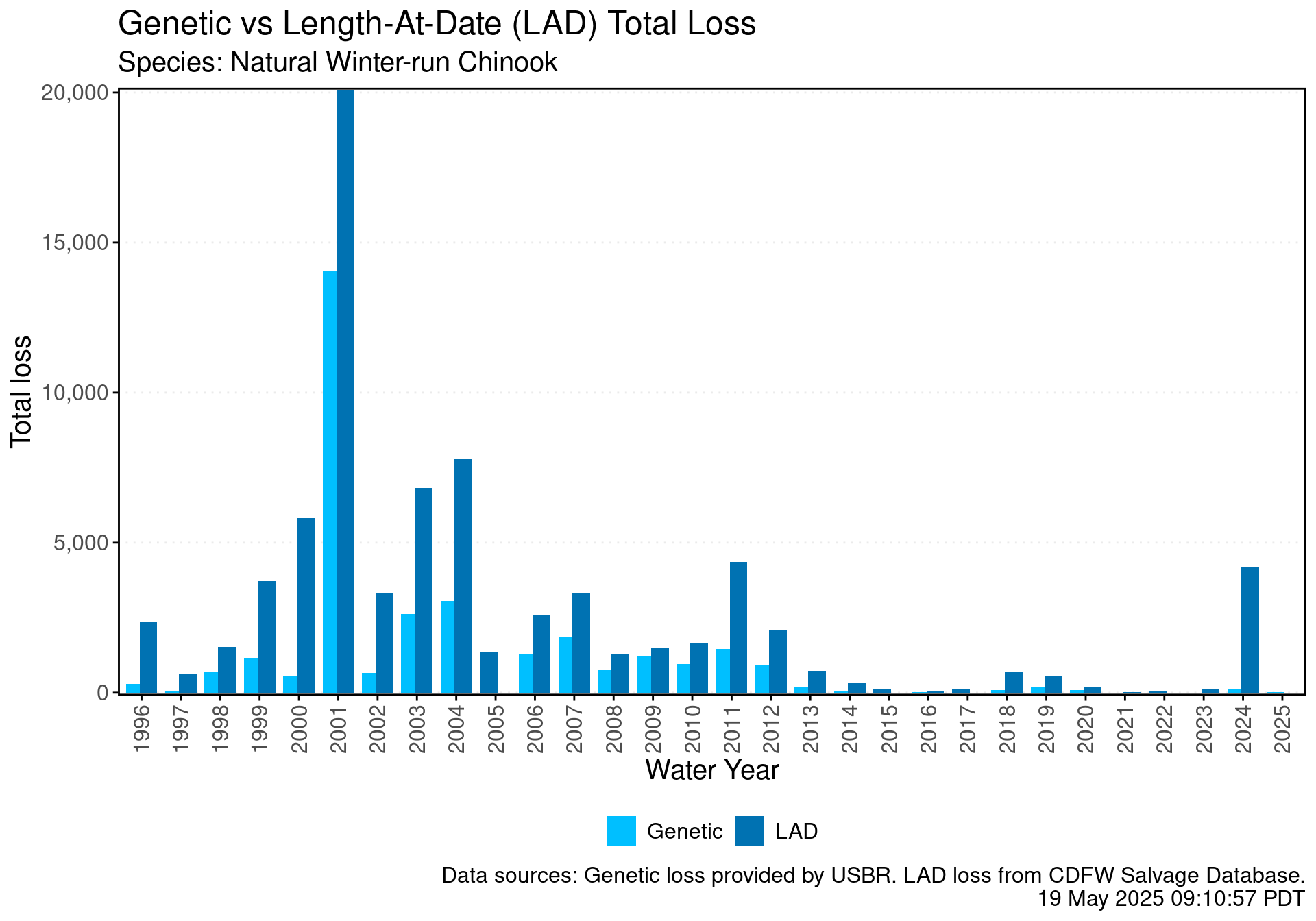
Figure. Summary of WY 2025 loss of CCV steelhead and wild and hatchery winter-run 

Figure. Tillotson predictions at different OMRI scenarios  ### SACPAS TABLES TABLE X. Winter-run weekly distributed loss threshold.Last updated 05/19/2025

| Date | Winter-run Daily Loss | Winter-run 7-day rolling sum loss | Winter-run Daily Threshold | Winter-run Daily Trigger |
| --- | --- | --- | --- | --- |
| May 13 | 0 | 0 | 0 | No |
| May 14 | 0 | 0 | 0 | No |
| May 15 | 0 | 0 | 0 | No |
| May 16 | 0 | 0 | 0 | No |
| May 17 | 0 | 0 | 0 | No |
| May 18 | 0 | 0 | 0 | No |
| May 19 | 0 | 0 | 0 | No |

TABLE. Historic migration and salvage patterns.Last updated 05/19/2025

| 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 | 100.0%(100.0%,100.0%) BY: 2015 - 2023 | 99.9%(99.7%,100.1%) BY: 2015 - 2023 | 100.0%(100.0%,100.0%) WY: 2015 - 2024 |
| Steelhead, Unclipped (January-December) | 26.7%(12.3%,41.1%) BY: 2015 - 2024 | 82.8%(62.8%,102.7%) BY: 2015 - 2024 | 89.5%(80.7%,98.3%) BY: 2015 - 2024 | 88.5%(80.4%,96.6%) BY: 2015 - 2024 |  |
| Chinook, DNA Winter-run, Unclipped (Water Year) |  |  |  |  | 100.0%(100.0%,100.0%) WY: 2020 - 2024 |
| Steelhead, Unclipped (Water Year) |  |  |  |  | 92.0%(85.0%,98.9%) WY: 2015 - 2024 |

**STEELHEAD THINGS**

| Species | RedBluffDiversionDam | TisdaleRst | KnightsLandingRst | SacTrawlSherwoodCatchIndex | ChippsIslandTrawlCatchIndex | Salvage |
| --- | --- | --- | --- | --- | --- | --- |
| Steelhead, Unclipped (January-December) | 26.7%(12.3%,41.1%) BY: 2015 - 2024 | 82.8%(62.8%,102.7%) BY: 2015 - 2024 | 78.5%(60.4%,96.6%) BY: 2015 - 2024 | 89.5%(80.7%,98.3%) BY: 2015 - 2024 | 88.5%(80.4%,96.6%) BY: 2015 - 2024 |  |
| Steelhead, Unclipped (Water Year) |  |  |  |  |  | 92.0%(85.0%,98.9%) WY: 2015 - 2024 |

TABLE X. Steelhead weekly distributed loss threshold.Last updated 05/19/2025

Figures from SacPAS for steelhead

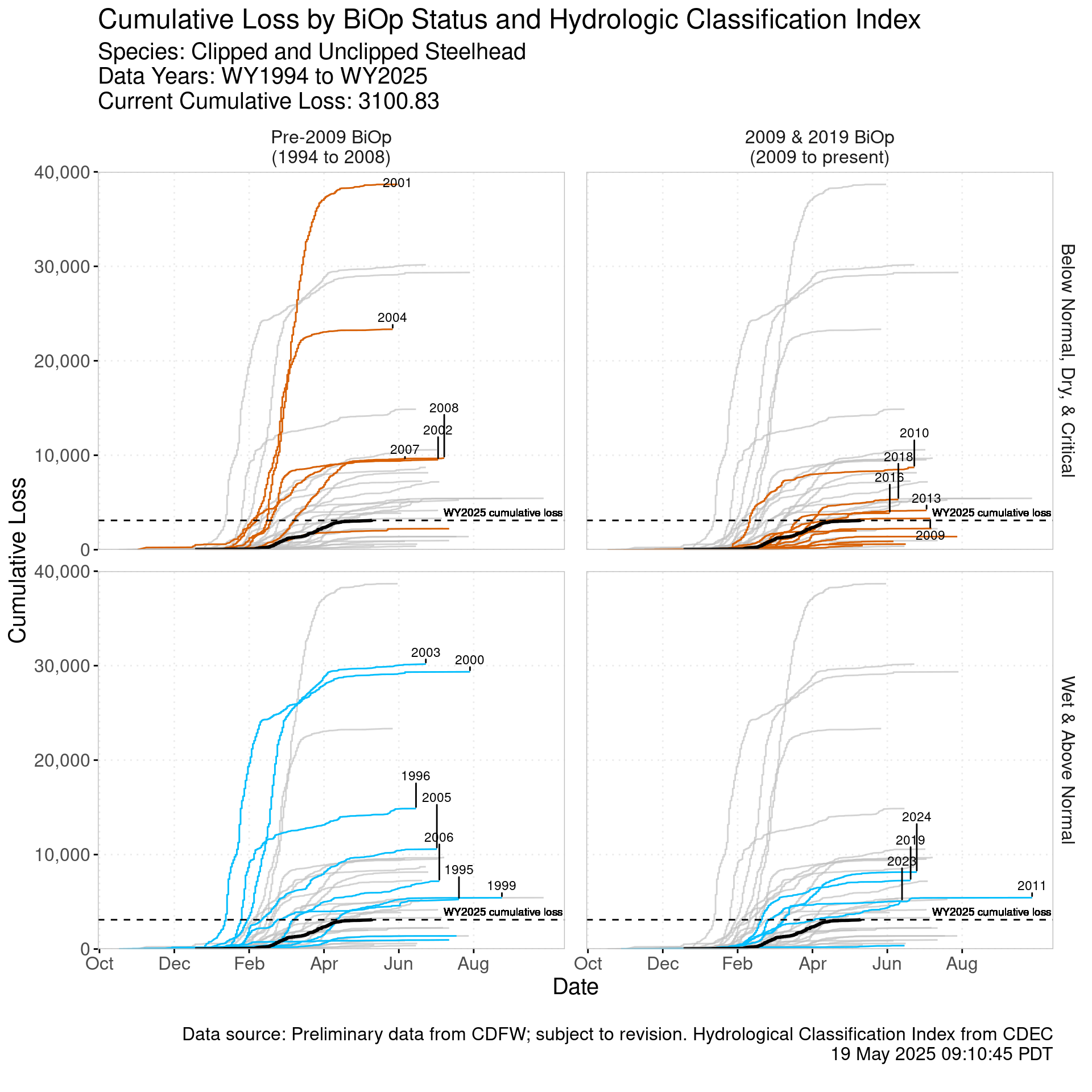
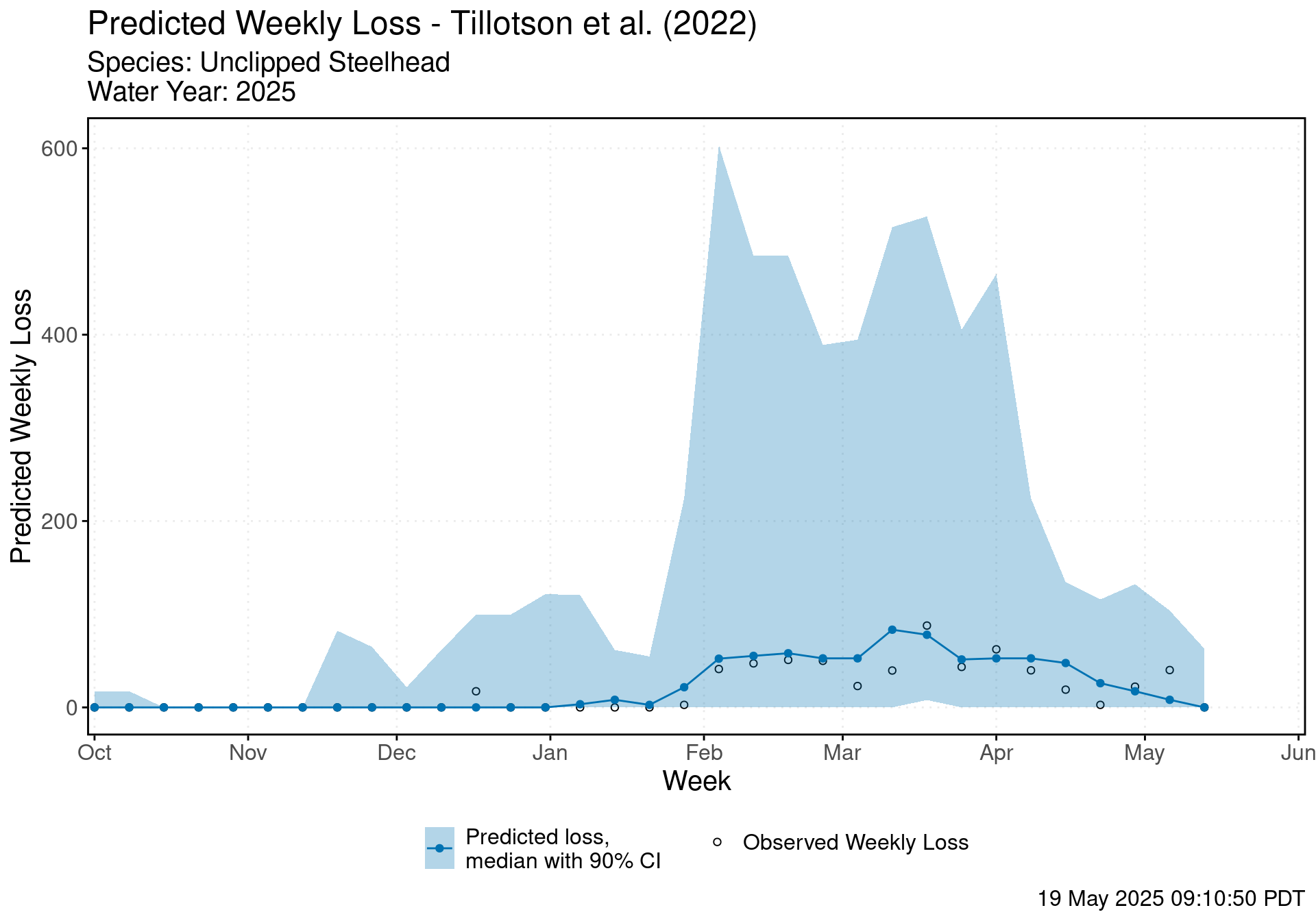
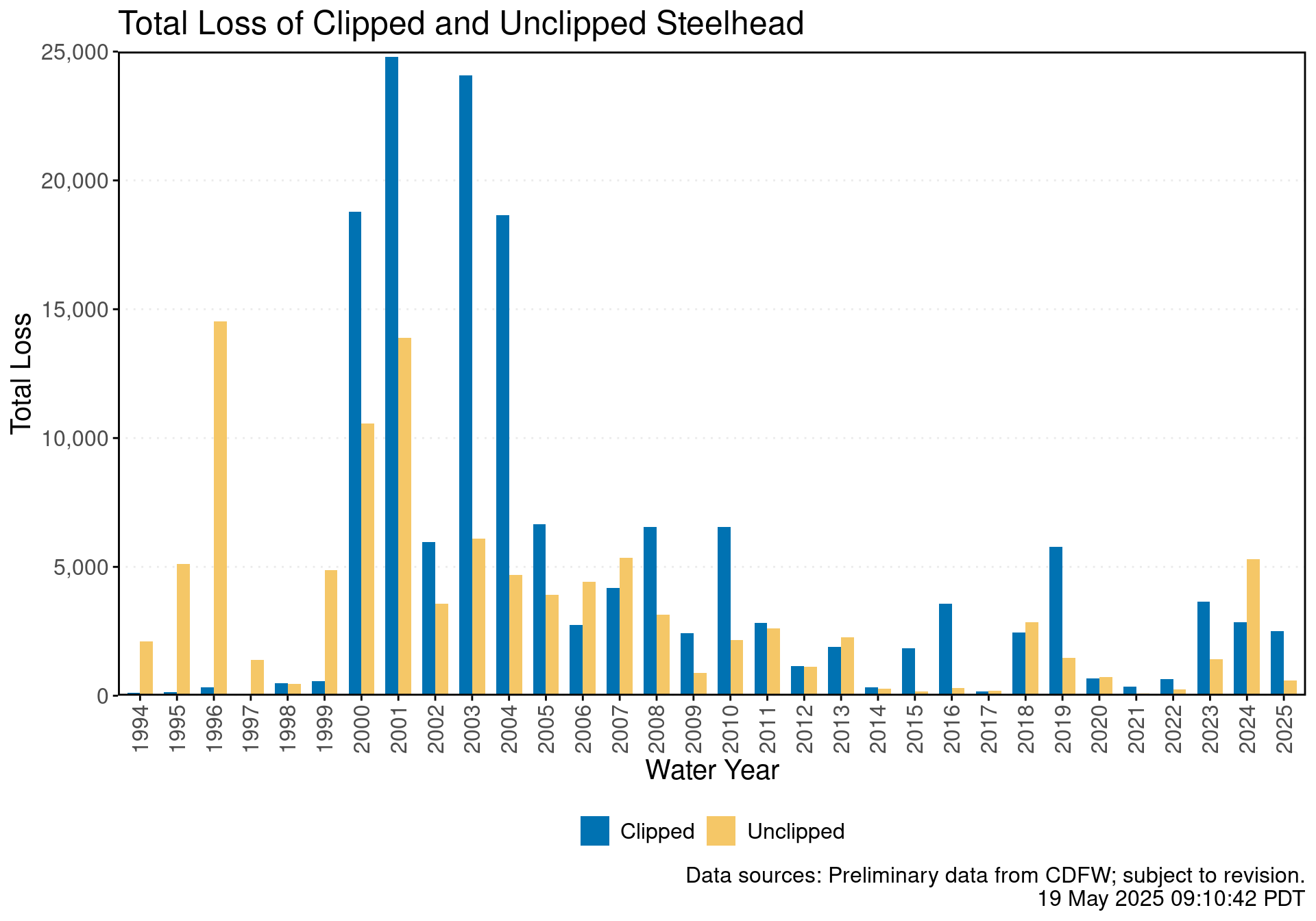
  

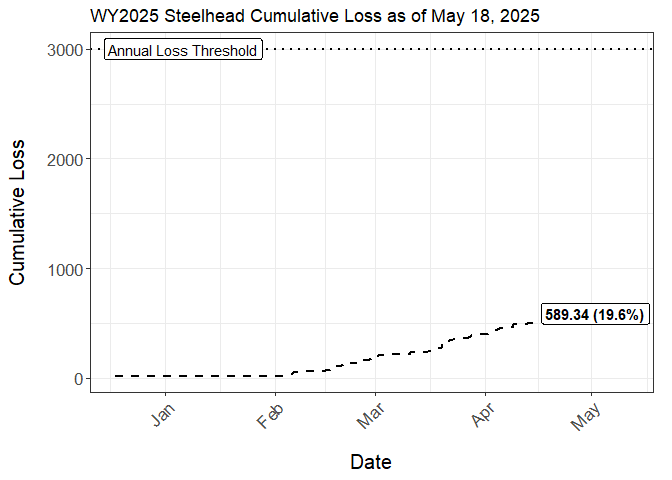
Figure. SH cumulative loss 

Figure. Histogram of historic clipped and unclipped steelhead salvage

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

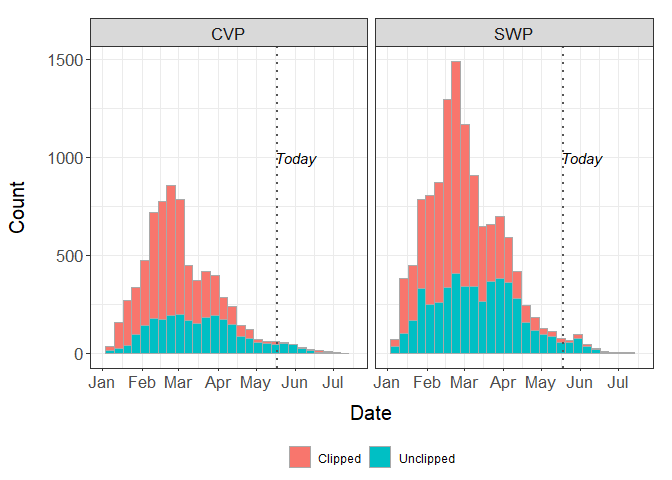
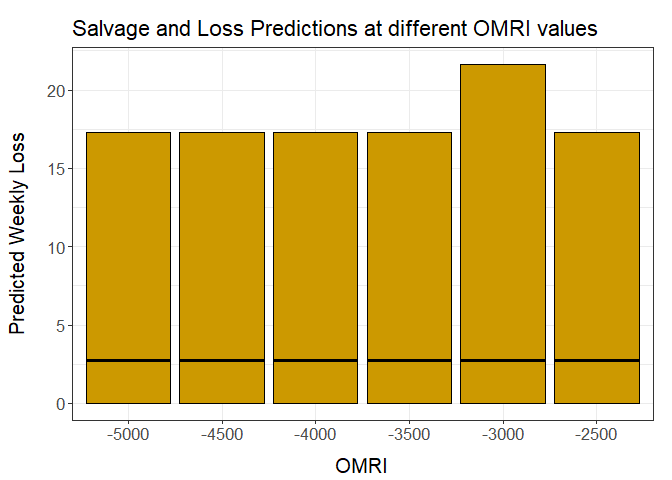


Figure. Tillotson predictions for steelhead at different OMRI scenarios 

**SPRING-RUN THINGS**

TABLE X. Spring-run surrogate release information and loss.Last updated 05/19/2025

| 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 | 110.13 (9.3%) | Mar 31/May 02 |
| Young-of-year | Feather River Hatchery | 2025-04-09 | Spring | 1,012,800 | 504,304 | 1,260.76 | 0 (0%) | NA/NA |
| Young-of-year | Feather River Hatchery | 2025-04-23 | Fall | 1,505,055 | 376,122 | 940.31 | 0 (0%) | NA/NA |
| Young-of-year | Coleman NFH | 2025-04-15 | Fall | 2,122,103 | 695,170 | 1,737.93 | 0 (0%) | NA/NA |
| Young-of-year | Coleman NFH | 2025-04-28 | Fall | 1,472,338 | 368,085 | 920.21 | 0 (0%) | NA/NA |