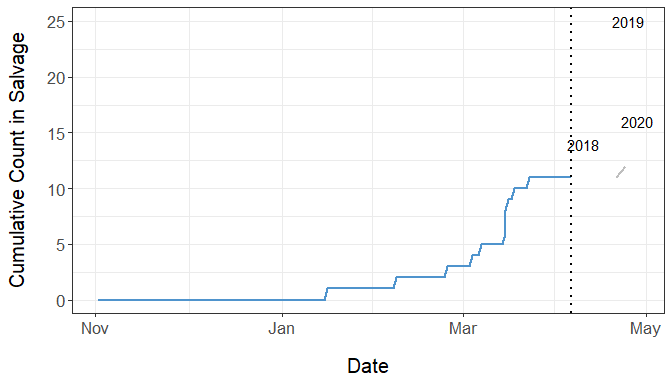
Figure. Cumulative Count of current and historic Genetic WR 

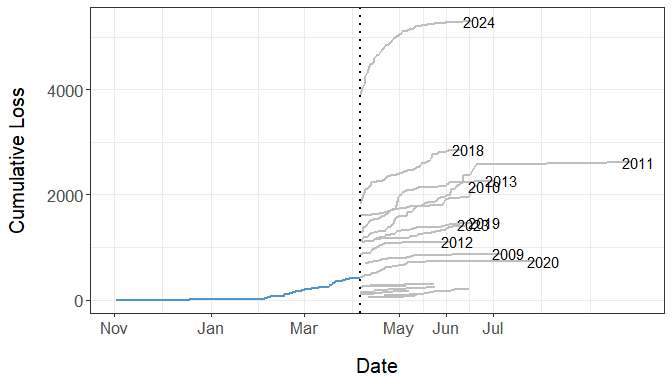
Figure. Cumulative Loss of current and historic Steelhead 

Figure. Histogram of historic genetic winter-run salvage

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

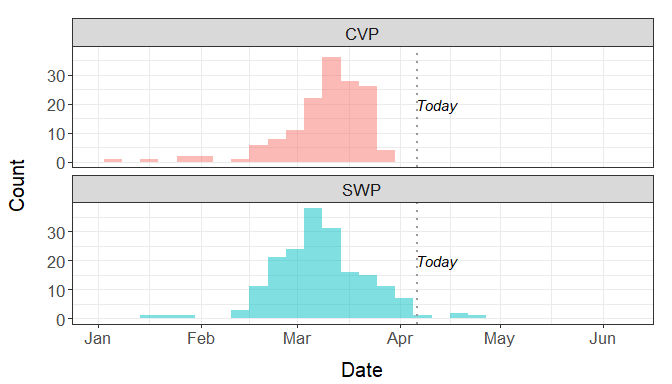


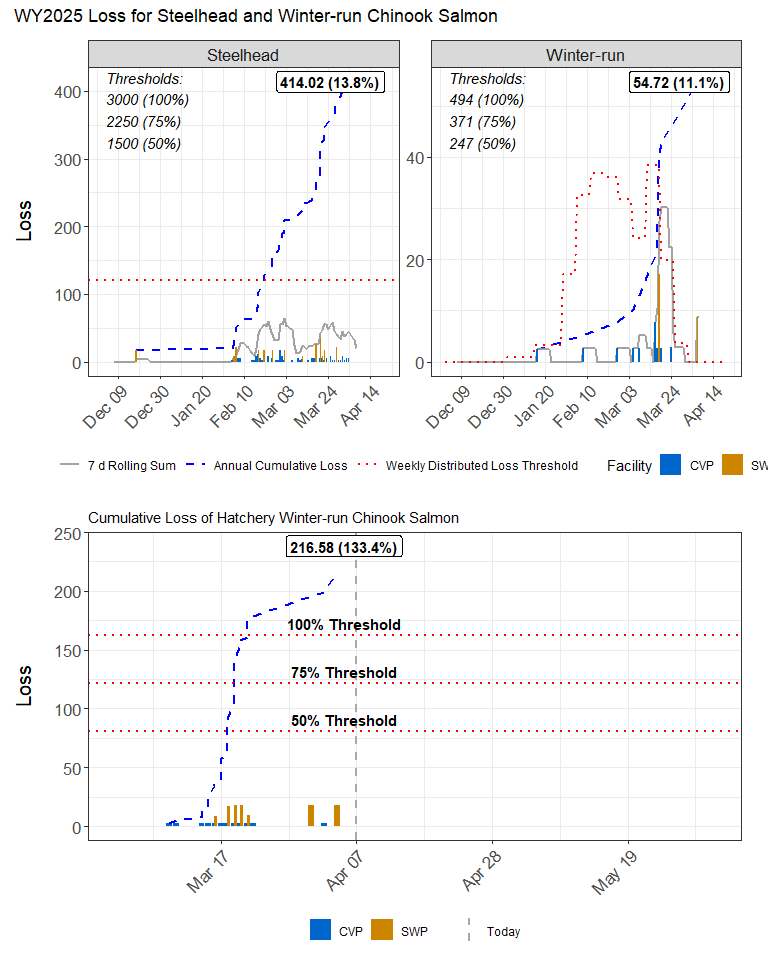
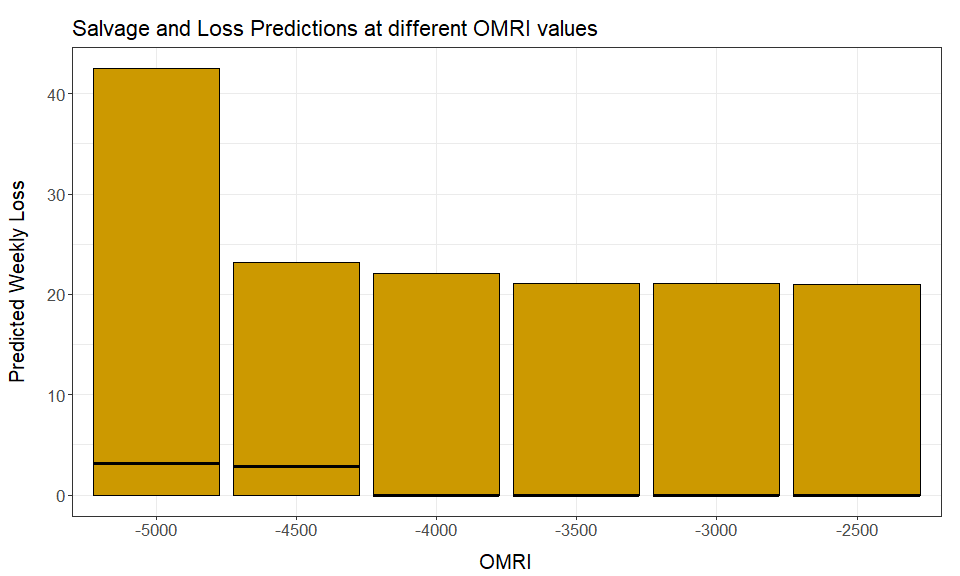
Figure. Summary of WY 2025 loss of CCV steelhead and wild and hatchery winter-run 

Figure. Tillotson predictions at different OMRI scenarios  ### SACPAS TABLES #### TABLE X. Winter-run weekly distributed loss threshold.Last updated 04/07/2025

| Date | Winter-run Daily Loss | Winter-run 7-day rolling sum loss | Winter-run Daily Threshold | Winter-run Daily Trigger |
| --- | --- | --- | --- | --- |
| Apr 01 | 0 | 0.00 | 3.63 | No |
| Apr 02 | 0 | 0.00 | 0.00 | No |
| Apr 03 | 0 | 0.00 | 0.00 | No |
| Apr 04 | 0 | 0.00 | 0.00 | No |
| Apr 05 | 0 | 0.00 | 0.00 | No |
| Apr 06 | 8.78\* | 8.78 | 0.00 | No |
| Apr 07 | 0 | 8.78 | 0.00 | Yes |

#### TABLE X. Historic migration and salvage patterns.Last updated 04/07/2025

| Species | RedBluffDiversionDam | TisdaleRst | KnightsLandingRst | SacTrawlSherwoodCatchIndex | ChippsIslandTrawlCatchIndex | Salvage |
| --- | --- | --- | --- | --- | --- | --- |
| Chinook, LAD Winter-run, Unclipped | 99.9%(99.9%,100.0%) BY: 2015 - 2023 | 99.9%(99.7%,100.1%) BY: 2015 - 2023 | 99.8%(99.2%,100.3%) BY: 2015 - 2023 | 87.0%(74.4%,99.7%) BY: 2015 - 2023 | 69.4%(53.4%,85.3%) BY: 2015 - 2023 | 93.9%(89.2%,98.6%) WY: 2015 - 2024 |
| Chinook, LAD Spring-run, Unclipped | 65.8%(45.7%,86.0%) BY: 2015 - 2023 | 63.0%(41.1%,85.0%) BY: 2015 - 2023 | 65.2%(46.4%,84.0%) BY: 2015 - 2023 | 36.3%(24.4%,48.3%) BY: 2015 - 2023 | 8.2%(0.4%,16.0%) BY: 2015 - 2023 | 16.2%(2.5%,29.9%) WY: 2015 - 2024 |
| Steelhead, Unclipped (January-December) | 3.9%(1.9%,5.9%) BY: 2015 - 2024 | 58.9%(35.2%,82.5%) BY: 2015 - 2024 | 57.4%(36.9%,78.0%) BY: 2015 - 2024 | 64.7%(38.3%,91.2%) BY: 2015 - 2024 | 58.4%(41.9%,74.8%) BY: 2015 - 2024 |  |
| Chinook, DNA Winter-run, Unclipped (Water Year) |  |  |  |  |  | 92.8%(85.5%,100.0%) WY: 2020 - 2024 |
| Steelhead, Unclipped (Water Year) |  |  |  |  |  | 62.2%(51.1%,73.4%) WY: 2015 - 2024 |

#### TABLE X. Spring-run surrogate release information and loss.Last updated 04/07/2025

| 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 | 1033.81 (59.2%) | Nov 29/Mar 23 |
| 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 | 39.01 (21%) | Jan 30/Mar 15 |
| Young-of-year | Feather River Hatchery | 2025-03-14 | Spring | 961,411 | 476,741 | 1,191.85 | 0 (0%) | NA/NA |
| Young-of-year | Feather River Hatchery | 2025-03-21 | Spring | 962,741 | 475,831 | 1,189.58 | 2.54 (0.2%) | Mar 31/Mar 31 |

