



FISH PASSAGE CENTER

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MEMORANDUM

TO: FPAC

FROM: FPC Staff

DATE: October 13, 2015

RE: Action Notes from October 13, 2015, FPAC conference call

On October 13, 2015, FPAC met via conference call for its weekly meeting. Present for the meeting were: Paul Wagner (FPAC Co-Chair, NOAA), Tom Lorz (FPAC Co-Chair, CRITFC), Charlie Morrill (WDFW), Russ Kiefer (IDFG), Erick Van Dyke (ODFW), Kyle Dittmer (CRITFC), Sheri Sears (Colville Tribe), Joe Skalicky (USFWS), Trevor Conder (NOAA), Brandon Chockley (FPC), Erin Cooper (FPC), Tommy Garrison (FPC), Dave Benner (FPC) and Margaret Filardo (FPC).

Agenda Items

Approval of Past FPAC Notes

- Action notes from October 6th were approved.

Water Supply/Flood Control

- The Fish Passage Center provided a summary of the current reservoir operations and water supply forecasts, snowpack estimates, and ESP runoff volumes.
- Paul Wagner will provide information regarding Hells Canyon spawning flows.

Weather

- Kyle Dittmer (CRITFC) provided a summary of weather conditions and water year status. See attached.

Juvenile Fish Passage Status

- For passage indices on October 13, 2015, please see the attached document. For updated indices, use the FPC website.

Adult Fish Passage Status

- For adult counts on October 13, 2015, please see the attached document. For updated counts, use the FPC website.

Water Management Plan

- Comments on the Water Management Plan are due October 31.
- Joe Skalicky (USFWS) pointed out that changes made to the WMP may not be obvious. FPAC will request (at next TMT) that future versions of WMP for review should include specifics on what changes were made. This could be via change forms or some other means.
- Dave Benner (FPC) will review the changes to the WMP and circulate those comments to FPAC.

Coordination

- The trip to Ice Harbor Dam to review the trap will be on October 15.
- East Sand Island workshop is today at CRITFC at 1:00 PM.
- The next FPAC face-to-face meeting will be on October 20 at 9:00 AM.

FPAC Agenda for Tuesday, October 13, 2015
Meeting time: 9:00 AM

1. Approval of notes
2. Water supply and reservoir status
3. Weather update and climate forecast
4. Fish passage status
5. Coordination for other scheduled meetings
6. Other

| Water Year 2016 | Precipitation | (inches) | Pro-rated |
|-----------------|---------------|----------|--------------|
| | Oct. 1 - 12 | | Monthly |
| | | | Temp. (degF) |
| Portland | 46% | | 4.5 |

UPPER-COLUMBIA:

| | | | |
|------------|------|--|------|
| Kamloops | 42% | | 7.0 |
| Revelstoke | 8% | | 7.2 |
| Cranbrook | 35% | | 10.1 |
| Creston | 5% | | 11.3 |
| average: | 22% | | 8.9 |
| Normal: | 1.51 | | 56.5 |

MIDDLE-COLUMBIA:

| | | | |
|-----------|------|--|------|
| Pendleton | 14% | | 4.7 |
| Redmond | 50% | | 5.4 |
| Yakima | 20% | | 9 |
| Wenatchee | 55% | | 7.4 |
| Omak | 52% | | 5.6 |
| Spokane | 71% | | 7.2 |
| average: | 43% | | 6.6 |
| Normal: | 0.23 | | 49.4 |

LOWER SNAKE:

| | | | |
|----------|------|--|------|
| Lewiston | 22% | | 8.1 |
| Pullman | 52% | | 7.8 |
| Stanley | 28% | | 4.4 |
| Challis | 252% | | 4.5 |
| average: | 89% | | 6.2 |
| Normal: | 0.32 | | 46.5 |

UPPER and MIDDLE SNAKE:

| | | | |
|-------------|------|--|------|
| McCall | 15% | | 10.4 |
| Ontario | 28% | | 8 |
| Boise | 20% | | 8.8 |
| Twin Falls | 133% | | 9.4 |
| Burley | 74% | | 4.8 |
| Pocatello | 176% | | 4 |
| Idaho Falls | 191% | | 4.6 |
| average: | 91% | | 7.1 |
| Normal: | 0.29 | | 48.2 |

Forecasted Daily Rain (in inches), BON dam area:

| | |
|--------|------|
| 13-Oct | 0 |
| 14-Oct | 0 |
| 15-Oct | 0 |
| 16-Oct | 0 |
| 17-Oct | 0.15 |
| 18-Oct | 0.05 |
| 19-Oct | 0.35 |

| COMBINED COHO | | | | | | | | | | | | |
|-----------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Date | WTB (Coll) | IMN (Coll) | GRN (Coll) | LEW (Coll) | LGR (INDEX) | LGS (INDEX) | LMN (INDEX) | RIS (INDEX) | MCN (INDEX) | JDA (INDEX) | BO2 (INDEX) | |
| 09/29/2015 | * | --- | --- | --- | 0 | 0 | 0 | --- | --- | --- | 0 | |
| 09/30/2015 | | --- | --- | --- | 0 | 0 | 0 | --- | 0 | --- | 0 | |
| 10/01/2015 | * | --- | --- | --- | 0 | 0 | 0 | --- | --- | --- | 0 | |
| 10/02/2015 | | --- | --- | --- | 0 | 0 | --- | --- | --- | --- | 0 | |
| 10/03/2015 | | --- | --- | --- | 0 | 1 | --- | --- | --- | --- | 0 | |
| 10/04/2015 | | --- | --- | --- | 0 | 1 | --- | --- | --- | --- | 0 | |
| 10/05/2015 | | --- | --- | --- | 1 | 0 | --- | --- | --- | --- | 0 | |
| 10/06/2015 | | --- | --- | --- | 0 | 0 | --- | --- | --- | --- | 0 | |
| 10/07/2015 | | --- | --- | --- | 0 | 0 | --- | --- | --- | --- | 0 | |
| 10/08/2015 | | --- | --- | --- | 0 | 0 | --- | --- | --- | --- | 0 | |
| 10/09/2015 | | --- | --- | --- | 0 | 0 | --- | --- | --- | --- | 0 | |
| 10/10/2015 | | --- | --- | --- | 1 | 0 | --- | --- | --- | --- | 0 | |
| 10/11/2015 | | --- | --- | --- | 0 | 0 | --- | --- | --- | --- | 0 | |
| 10/12/2015 | | --- | --- | --- | --- | 0 | --- | --- | --- | --- | 0 | |
| 10/13/2015 | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| Total: | | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | |
| # Days: | | 0 | 0 | 0 | 13 | 14 | 3 | 0 | 1 | 0 | 14 | |
| Average: | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| YTD | | 0 | 0 | 0 | 47 | 40,415 | 60,312 | 37,631 | 14,704 | 66,248 | 70,109 | 692,863 |

| COMBINED STEELHEAD | | | | | | | | | | | | |
|--------------------|---------------|---------------|---------------|---------------|----------------|------------------|------------------|----------------|----------------|----------------|----------------|------------------|
| Date | WTB (Coll) | IMN (Coll) | GRN (Coll) | LEW (Coll) | LGR (INDEX) | LGS (INDEX) | LMN (INDEX) | RIS (INDEX) | MCN (INDEX) | JDA (INDEX) | BO2 (INDEX) | |
| 09/29/2015 | * | --- | --- | --- | 1 | 0 | 1 | --- | --- | --- | 0 | |
| 09/30/2015 | | --- | --- | --- | 0 | 0 | 0 | --- | 0 | --- | 0 | |
| 10/01/2015 | * | --- | --- | --- | 2 | 0 | 0 | --- | --- | --- | 0 | |
| 10/02/2015 | | --- | --- | --- | 1 | 0 | --- | --- | --- | --- | 0 | |
| 10/03/2015 | | --- | --- | --- | 0 | 0 | --- | --- | --- | --- | 0 | |
| 10/04/2015 | | --- | --- | --- | 0 | 0 | --- | --- | --- | --- | 0 | |
| 10/05/2015 | | --- | --- | --- | 0 | 0 | --- | --- | --- | --- | 0 | |
| 10/06/2015 | | --- | --- | --- | 0 | 0 | --- | --- | --- | --- | 0 | |
| 10/07/2015 | | --- | --- | --- | 0 | 0 | --- | --- | --- | --- | 0 | |
| 10/08/2015 | | --- | --- | --- | 0 | 0 | --- | --- | --- | --- | 0 | |
| 10/09/2015 | | --- | --- | --- | 0 | 0 | --- | --- | --- | --- | 0 | |
| 10/10/2015 | | --- | --- | --- | 0 | 2 | --- | --- | --- | --- | 0 | |
| 10/11/2015 | | --- | --- | --- | 0 | 1 | --- | --- | --- | --- | 0 | |
| 10/12/2015 | | --- | --- | --- | --- | 0 | --- | --- | --- | --- | 0 | |
| 10/13/2015 | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| Total: | | 0 | 0 | 0 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | |
| # Days: | | 0 | 0 | 0 | 13 | 14 | 3 | 0 | 1 | 0 | 14 | |
| Average: | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| YTD | | 2,567 | 40,594 | 672 | 11,678 | 1,300,240 | 1,073,546 | 576,066 | 12,756 | 456,633 | 201,081 | 1,021,904 |

| COMBINED SOCKEYE | | | | | | | | | | | |
|------------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Date | WTB (Coll) | IMN (Coll) | GRN (Coll) | LEW (Coll) | LGR (INDEX) | LGS (INDEX) | LMN (INDEX) | RIS (INDEX) | MCN (INDEX) | JDA (INDEX) | BO2 (INDEX) |
| 09/29/2015 | * | --- | --- | --- | --- | 0 | 0 | 0 | --- | --- | 0 |
| 09/30/2015 | | --- | --- | --- | --- | 0 | 0 | 0 | --- | 0 | --- |
| 10/01/2015 | * | --- | --- | --- | --- | 0 | 0 | 0 | --- | --- | --- |
| 10/02/2015 | | --- | --- | --- | --- | 0 | 0 | --- | --- | --- | --- |
| 10/03/2015 | | --- | --- | --- | --- | 0 | 0 | --- | --- | --- | --- |
| 10/04/2015 | | --- | --- | --- | --- | 1 | 0 | --- | --- | --- | --- |
| 10/05/2015 | | --- | --- | --- | --- | 0 | 0 | --- | --- | --- | --- |
| 10/06/2015 | | --- | --- | --- | --- | 0 | 1 | --- | --- | --- | --- |
| 10/07/2015 | | --- | --- | --- | --- | 0 | 0 | --- | --- | --- | --- |
| 10/08/2015 | | --- | --- | --- | --- | 1 | 0 | --- | --- | --- | --- |
| 10/09/2015 | | --- | --- | --- | --- | 0 | 0 | --- | --- | --- | --- |
| 10/10/2015 | | --- | --- | --- | --- | 0 | 0 | --- | --- | --- | --- |
| 10/11/2015 | | --- | --- | --- | --- | 0 | 0 | --- | --- | --- | --- |
| 10/12/2015 | | --- | --- | --- | --- | --- | 0 | --- | --- | --- | --- |
| 10/13/2015 | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| <hr/> | | | | | | | | | | | |
| Total: | | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| # Days: | | 0 | 0 | 0 | 0 | 13 | 14 | 3 | 0 | 1 | 0 |
| Average: | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| YTD | | 74 | 0 | 4 | 47 | 16,241 | 19,852 | 11,030 | 3,932 | 128,922 | 104,375 |

| COMBINED LAMPREY JUVENILES | | | | | | | | | | | |
|----------------------------|---------------|---------------|---------------|---------------|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Date | WTB (Coll) | IMN (Coll) | GRN (Coll) | LEW (Coll) | LGR ⁺ (Samp) | LGS (Coll) | LMN (Coll) | RIS (Coll) | MCN (Coll) | JDA (Coll) | BO2 (Coll) |
| 09/29/2015 | * | --- | --- | --- | --- | 0 | 1 | 0 | --- | --- | 10 |
| 09/30/2015 | | --- | --- | --- | --- | 0 | 1 | 0 | --- | 0 | --- |
| 10/01/2015 | * | --- | --- | --- | --- | 0 | 0 | 0 | --- | --- | --- |
| 10/02/2015 | | --- | --- | --- | --- | 4 | 1 | --- | --- | --- | --- |
| 10/03/2015 | | --- | --- | --- | --- | 0 | 0 | --- | --- | --- | --- |
| 10/04/2015 | | --- | --- | --- | --- | 1 | 2 | --- | --- | --- | --- |
| 10/05/2015 | | --- | --- | --- | --- | 0 | 0 | --- | --- | --- | --- |
| 10/06/2015 | | --- | --- | --- | --- | 0 | 0 | --- | --- | --- | --- |
| 10/07/2015 | | --- | --- | --- | --- | 1 | 0 | --- | --- | --- | --- |
| 10/08/2015 | | --- | --- | --- | --- | 2 | 0 | --- | --- | --- | --- |
| 10/09/2015 | | --- | --- | --- | --- | 0 | 2 | --- | --- | --- | --- |
| 10/10/2015 | | --- | --- | --- | --- | 0 | 0 | --- | --- | --- | --- |
| 10/11/2015 | | --- | --- | --- | --- | 0 | 1 | --- | --- | --- | --- |
| 10/12/2015 | | --- | --- | --- | --- | --- | 0 | --- | --- | --- | --- |
| 10/13/2015 | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| <hr/> | | | | | | | | | | | |
| Total: | | 0 | 0 | 0 | 0 | 8 | 8 | 0 | 0 | 0 | 10 |
| # Days: | | 0 | 0 | 0 | 0 | 13 | 14 | 3 | 0 | 1 | 0 |
| Average: | | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| YTD | | 0 | 1 | 0 | 0 | 57 | 8,234 | 2,335 | 169 | 9,071 | 19,956 |

* See sampling comments

<http://www.fpc.org/currentDaily/smpcomments.htm>

Smolt indices, clipped & unclipped or combined, are presented in the following order: yearling chinook (chinook 1's), subyearling chinook (chinook 0's), steelhead, coho, sockeye, and lamprey juveniles. Two classes of fish counts are shown in these tables:

Two classes of fish counts are shown in these tables:

Sample counts (Samp) are provided for juvenile lamprey at LGR. See note below for details †.

Collection counts (Coll), which account for sample rates but are not adjusted for flow;

Passage indices (INDEX), which are collection counts divided by the proportion of water passing through the sampled powerhouse.

Passage indices are not population estimates, but are used to adjust collection counts for daily fluctuations in the site's or project's operations.

The classes of counts presented in the report are defined below for each site. Most samples occur over a 24-hr period

that spans two calendar days. In this report, the date shown corresponds with the sample end date.

Combined lamprey juvenile collection counts are provided for all sites. Combined lamprey juveniles is a combination of pacific lamprey ammocoetes, brook lamprey ammocoetes, unknown lamprey ammocoetes, pacific lamprey macrophthalmia, and unidentified lamprey species.

† In 2013 it was confirmed that juvenile lamprey can escape the sample tank at LGR which would lead to unreliable estimates of collection.

Therefore, only sample counts are provided in this report.

Definitions for Smolt Index Counts

WTB (Collection) = Salmon River Trap at Whitebird : Collection Counts

IMN (Collection) = Imnaha River Trap : Collection Counts

GRN (Collection) = Grande Ronde River Trap : Collection Counts

LEW (Collection) = Snake River Trap at Lewiston : Collection Counts

LGR (Index) = Lower Granite Dam Bypass Collection System : Passage Index Counts

Passage Index = Collection Counts / {Powerhouse Flow / (Powerhouse Flow + Spill)}

LGS (Index) = Little Goose Bypass Collection System : Passage Index Counts

Passage Index = Collection Counts / {Powerhouse Flow / (Powerhouse Flow + Spill)}

LMN (Index) = Lower Monumental Dam Bypass Collection System : Passage Index Counts

Passage Index = Collection Counts / {Powerhouse Flow / (Powerhouse Flow + Spill)}

RIS (Index) = Rock Island Dam Second Powerhouse Bypass Trap : Passage Index Counts

Passage Index = Collection Counts / {Powerhouse 2 Flow / (Powerhouse 1 & 2 Flow + Spill)}

MCN (Index) = McNary Dam Bypass Collection System : Passage Index Counts

Passage Index = Collection Counts / {Powerhouse Flow / (Powerhouse Flow + Spill)}

JDA (Index) = John Day Dam Bypass Collection System : Passage Index Counts

Passage Index = Collection Counts / {Powerhouse Flow / (Powerhouse Flow + Spill)}

BO2 (Index) = Bonneville Dam Second Powerhouse Bypass Collection System : Passage Index Counts

Passage Index = Collection Counts / {Powerhouse 2 Flow / (Powerhouse 1 & 2 Flow + Spill)}

JDA and BO2 data collected for the FPC by Pacific States Marine Fisheries Commission.

RIS data collected for the FPC by Chelan Co. PUD.

LGR, LMN, and MCN data collected for the FPC by Washington Dept. of Fish and Wildlife.

LGS and GRN data collected for the FPC by Oregon Dept. of Fish and Wildlife.

IMN data collected for the FPC by the Nez Perce Tribe.

Fall (post SMP season) trapping at the Imnaha River Fish Trap (IMN) is funded by the Lower Snake River Compensation Program (LSRCP)

WTB and LEW data collected for the FPC by Idaho Dept. of Fish and Game.

2015 ADULT SALMON COUNTS

Daily Totals for Last 7 days and Year to Date Totals (based on reporting dates since 2000)

[[FPC Home](#)] [[Adult Salmon Home](#)]



FPC RSS Feed for Adult Salmon Dam Counts

MORE HOT LINKS:

GO TO: [Annual Totals](#) or 10 Yr. Avg. vs 2015 and 2014 [Graph](#) or [Table](#) or [Water Flow & Spill](#) or [Current Water Temperature \(January through December\)](#)
[Current vs. Historical Water Temperature \(April through Aug\)](#) Offline until April

FISHING REPORTS: [Oregon](#) or [Washington](#) or [Idaho](#)
Printer Friendly Reports: Lower Columbia [BON-WFA](#), Snake [IHR-LGR](#) or Mid-Upper Columbia [PRD-WEL](#)

WILLAMETTE FALLS 2)

| DATE | CHINOOK ADULT | CHINOOK JACK | SPRING CHINOOK ADULT | SPRING CHINOOK JACK | SUMMER CHINOOK ADULT | SUMMER CHINOOK JACK | FALL CHINOOK ADULT | FALL CHINOOK JACK | COHO ADULT | COHO JACK | STEELHEAD | WILD 5) STEELHEAD | SHAD | SOCKEYE | LAMPREY | CHUM | PINK | SOURCE |
|------------|---------------|--------------|----------------------|---------------------|----------------------|---------------------|--------------------|-------------------|-------------|------------|-------------|-------------------|------------|------------|------------|------------|------------|--------|
| 10/06/15 | 152 | 36 | 0 | 0 | n/a | n/a | 152 | 36 | 70 | 22 | 8 | n/a | n/a | n/a | n/a | n/a | n/a | WFA |
| 10/07/15 | 129 | 40 | 0 | 0 | n/a | n/a | 129 | 40 | 55 | 33 | 8 | n/a | n/a | n/a | n/a | n/a | n/a | WFA |
| 10/08/15 | 149 | 58 | 0 | 0 | n/a | n/a | 149 | 58 | 123 | 30 | 7 | n/a | n/a | n/a | n/a | n/a | n/a | WFA |
| 10/09/15 | 48 | 8 | 0 | 0 | n/a | n/a | 48 | 8 | 73 | 17 | 5 | n/a | n/a | n/a | n/a | n/a | n/a | WFA |
| 10/10/15 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 10/11/15 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 10/12/15 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| YTD | 53448 | 2866 | 51046 | 2866 | n/a | n/a | 2402 | 824 | 1085 | 728 | 8012 | n/a | n/a | n/a | n/a | n/a | n/a | |

BONNEVILLE DAM

| DATE | CHINOOK ADULT | CHINOOK JACK | SPRING CHINOOK ADULT | SPRING CHINOOK JACK | SUMMER CHINOOK ADULT | SUMMER CHINOOK JACK | FALL CHINOOK ADULT | FALL CHINOOK JACK | COHO ADULT | COHO JACK | STEELHEAD | WILD 5) STEELHEAD | SHAD 6) | SOCKEYE | LAMPREY | CHUM | PINK | SOURCE |
|------------|----------------|---------------|----------------------|---------------------|----------------------|---------------------|--------------------|-------------------|--------------|-------------|---------------|-------------------|----------------|---------------|--------------|----------|-----------|--------|
| 10/06/15 | 6983 | 851 | 0 | 0 | 0 | 0 | 6983 | 851 | 250 | 40 | 884 | 245 | n/a | 0 | 3 | 0 | 0 | USACE |
| 10/07/15 | 3588 | 408 | 0 | 0 | 0 | 0 | 3588 | 408 | 137 | 30 | 704 | 190 | n/a | 0 | 6 | 0 | 0 | USACE |
| 10/08/15 | 6030 | 577 | 0 | 0 | 0 | 0 | 6030 | 577 | 176 | 25 | 841 | 259 | n/a | 0 | 4 | 0 | 2 | USACE |
| 10/09/15 | 6929 | 710 | 0 | 0 | 0 | 0 | 6929 | 710 | 235 | 32 | 880 | 252 | n/a | 0 | 3 | 0 | 0 | USACE |
| 10/10/15 | 3706 | 522 | 0 | 0 | 0 | 0 | 3706 | 522 | 179 | 28 | 565 | 157 | n/a | 0 | 20 | 1 | 0 | USACE |
| 10/11/15 | 5035 | 534 | 0 | 0 | 0 | 0 | 5035 | 534 | 321 | 65 | 693 | 211 | n/a | 0 | 8 | 0 | 0 | USACE |
| 10/12/15 | 2281 | 226 | 0 | 0 | 0 | 0 | 2281 | 226 | 167 | 37 | 548 | 167 | n/a | 0 | 10 | 0 | 0 | USACE |
| YTD | 1303923 | 110176 | 220480 | 110176 | 161735 | 17730 | 921708 | 79132 | 29535 | 4090 | 259845 | 94431 | 1815001 | 510707 | 38491 | 3 | 55 | |

THE DALLES DAM 2) **)

| DATE | CHINOOK ADULT | CHINOOK JACK | SPRING CHINOOK ADULT | SPRING CHINOOK JACK | SUMMER CHINOOK ADULT | SUMMER CHINOOK JACK | FALL CHINOOK ADULT | FALL CHINOOK JACK | COHO ADULT | COHO JACK | STEELHEAD | WILD 5) STEELHEAD | SHAD | SOCKEYE | LAMPREY | CHUM | PINK | SOURCE |
|------------|---------------|---------------|----------------------|---------------------|----------------------|---------------------|--------------------|-------------------|--------------|-------------|---------------|-------------------|------------|---------------|--------------|----------|------------|--------|
| 10/06/15 | 7123 | 920 | 0 | 0 | 0 | 0 | 7123 | 920 | 267 | 23 | 1557 | 494 | n/a | 0 | 8 | 0 | 0 | USACE |
| 10/07/15 | 6150 | 1106 | 0 | 0 | 0 | 0 | 6150 | 1106 | 309 | 19 | 1407 | 399 | n/a | 0 | 7 | 0 | 0 | USACE |
| 10/08/15 | 4696 | 486 | 0 | 0 | 0 | 0 | 4696 | 486 | 203 | 16 | 1045 | 315 | n/a | 0 | 6 | 0 | 0 | USACE |
| 10/09/15 | 3599 | 947 | 0 | 0 | 0 | 0 | 3599 | 947 | 65 | 20 | 1160 | 347 | n/a | 5 | 5 | 0 | 0 | USACE |
| 10/10/15 | 5343 | 1077 | 0 | 0 | 0 | 0 | 5343 | 1077 | 86 | 12 | 1505 | 510 | n/a | 4 | 0 | 0 | 0 | USACE |
| 10/11/15 | 5687 | 1038 | 0 | 0 | 0 | 0 | 5687 | 1038 | 67 | 18 | 1293 | 399 | n/a | 0 | 0 | 0 | 0 | USACE |
| 10/12/15 | 4020 | 588 | 0 | 0 | 0 | 0 | 4020 | 588 | 170 | 7 | 1907 | 762 | n/a | 2 | 2 | 0 | 0 | USACE |
| YTD | 919355 | 110312 | 194116 | 110312 | 123915 | 15458 | 601324 | 82547 | 22514 | 3056 | 205374 | 71434 | n/a | 429793 | 12382 | 0 | 135 | |

JOHN DAY DAM 2)

| DATE | CHINOOK ADULT | CHINOOK JACK | SPRING CHINOOK ADULT | SPRING CHINOOK JACK | SUMMER CHINOOK ADULT | SUMMER CHINOOK JACK | FALL CHINOOK ADULT | FALL CHINOOK JACK | COHO ADULT | COHO JACK | STEELHEAD | WILD 5) STEELHEAD | SHAD | SOCKEYE | LAMPREY | CHUM | PINK | SOURCE |
|------------|---------------|--------------|----------------------|---------------------|----------------------|---------------------|--------------------|-------------------|--------------|-------------|---------------|-------------------|------------|---------------|-------------|----------|----------|--------|
| 10/06/15 | 6288 | 441 | 0 | 0 | 0 | 0 | 6288 | 441 | 175 | 11 | 1454 | 506 | n/a | 0 | 5 | 0 | 0 | USACE |
| 10/07/15 | 5611 | 546 | 0 | 0 | 0 | 0 | 5611 | 546 | 138 | 33 | 1563 | 576 | n/a | 1 | 5 | 0 | 0 | USACE |
| 10/08/15 | 5733 | 505 | 0 | 0 | 0 | 0 | 5733 | 505 | 155 | 15 | 1440 | 606 | n/a | 2 | 2 | 0 | 0 | USACE |
| 10/09/15 | 4945 | 819 | 0 | 0 | 0 | 0 | 4945 | 819 | 158 | 26 | 1626 | 732 | n/a | 9 | 2 | 0 | 0 | USACE |
| 10/10/15 | 3298 | 498 | 0 | 0 | 0 | 0 | 3298 | 498 | 116 | 19 | 2706 | 1492 | n/a | 3 | 1 | 0 | 4 | USACE |
| 10/11/15 | 4914 | 622 | 0 | 0 | 0 | 0 | 4914 | 622 | 164 | 27 | 2536 | 1342 | n/a | 2 | 7 | 0 | 0 | USACE |
| 10/12/15 | 5154 | 632 | 0 | 0 | 0 | 0 | 5154 | 632 | 80 | 12 | 1569 | 701 | n/a | 1 | 3 | 0 | 0 | USACE |
| YTD | 773936 | 79278 | 166015 | 79278 | 108768 | 10988 | 499153 | 56776 | 17623 | 2905 | 167909 | 59509 | n/a | 366349 | 8311 | 0 | 5 | |

MCNARY DAM **)

| DATE | CHINOOK ADULT | CHINOOK JACK | SPRING CHINOOK ADULT | SPRING CHINOOK JACK | SUMMER CHINOOK ADULT | SUMMER CHINOOK JACK | FALL CHINOOK ADULT | FALL CHINOOK JACK | COHO ADULT | COHO JACK | STEELHEAD | WILD 5) STEELHEAD | SHAD | SOCKEYE | LAMPREY | CHUM | PINK | SOURCE |
|----------|---------------|--------------|----------------------|---------------------|----------------------|---------------------|--------------------|-------------------|------------|-----------|-----------|-------------------|------|---------|---------|------|------|--------|
| 10/06/15 | 6796 | 1250 | 0 | 0 | 0 | 0 | 6796 | 1250 | 466 | 105 | 2069 | 744 | 0 | 6 | 1 | 0 | 0 | USACE |
| 10/07/15 | 4589 | 1145 | 0 | 0 | 0 | 0 | 4589 | 1145 | 161 | 26 | 2023 | 661 | 0 | 1 | 2 | 0 | 0 | USACE |
| 10/08/15 | 6213 | 974 | 0 | 0 | 0 | 0 | 6213 | 974 | 299 | 35 | 2068 | 640 | 0 | 7 | 3 | 0 | 0 | USACE |
| 10/09/15 | 5661 | 408 | 0 | 0 | 0 | 0 | 5661 | 408 | 280 | 44 | 1800 | 572 | 0 | 2 | 1 | 0 | 0 | USACE |
| 10/10/15 | 4849 | 514 | 0 | 0 | 0 | 0 | 4849 | 514 | 133 | 24 | 1347 | 478 | 0 | 2 | 5 | 0 | 0 | USACE |
| 10/11/15 | 6730 | 648 | 0 | 0 | 0 | 0 | 6730 | 648 | 238 | 26 | 2125 | 830 | 0 | 14 | 3 | 0 | 1 | USACE |
| 10/12/15 | 4672 | 515 | 0 | 0 | 0 | 0 | 4672 | 515 | 158 | 18 | 2090 | 963 | 0 | 9 | 0 | 0 | 0 | USACE |

YTD 708481 63831 156151 63831 96287 8723 456043 46341 15532 3214 159593 52256 999552 279713 1737 0 10

ICE HARBOR DAM

| DATE | CHINOOK ADULT | CHINOOK JACK | SPRING CHINOOK ADULT | SPRING CHINOOK JACK | SUMMER CHINOOK ADULT | SUMMER CHINOOK JACK | FALL CHINOOK ADULT | FALL CHINOOK JACK | COHO ADULT | COHO JACK | STEELHEAD | WILD 5) STEELHEAD | SHAD | SOCKEYE | LAMPREY | CHUM | PINK | SOURCE |
|------------|---------------|--------------|----------------------|---------------------|----------------------|---------------------|--------------------|-------------------|-------------|------------|---------------|-------------------|---------------|-------------|------------|----------|----------|--------|
| 10/06/15 | 339 | 223 | 0 | 0 | 0 | 0 | 339 | 223 | 20 | 1 | 1690 | 377 | 0 | 0 | 0 | 0 | 0 | USACE |
| 10/07/15 | 368 | 233 | 0 | 0 | 0 | 0 | 368 | 233 | 23 | 0 | 2320 | 640 | 0 | 0 | 1 | 0 | 0 | USACE |
| 10/08/15 | 287 | 226 | 0 | 0 | 0 | 0 | 287 | 226 | 18 | 1 | 1834 | 504 | 0 | 0 | 0 | 0 | 0 | USACE |
| 10/09/15 | 315 | 131 | 0 | 0 | 0 | 0 | 315 | 131 | 22 | 1 | 1566 | 411 | 0 | 1 | -1 | 0 | 0 | USACE |
| 10/10/15 | 228 | 144 | 0 | 0 | 0 | 0 | 228 | 144 | 5 | 0 | 1704 | 456 | 0 | 0 | 0 | 0 | 0 | USACE |
| 10/11/15 | 147 | 64 | 0 | 0 | 0 | 0 | 147 | 64 | 13 | 0 | 1416 | 318 | 0 | 0 | 1 | 0 | 0 | USACE |
| 10/12/15 | 236 | 74 | 0 | 0 | 0 | 0 | 236 | 74 | 4 | 1 | 1006 | 278 | 0 | 0 | 1 | 0 | 0 | USACE |
| YTD | 198876 | 17083 | 116462 | 17083 | 21408 | 2807 | 61006 | 8531 | 1210 | 166 | 111588 | 29601 | 220757 | 1052 | 759 | 0 | 0 | |

LOWER MONUMENTAL DAM 2)

| DATE | CHINOOK ADULT | CHINOOK JACK | SPRING CHINOOK ADULT | SPRING CHINOOK JACK | SUMMER CHINOOK ADULT | SUMMER CHINOOK JACK | FALL CHINOOK ADULT | FALL CHINOOK JACK | COHO ADULT | COHO JACK | STEELHEAD | WILD 5) STEELHEAD | SHAD | SOCKEYE | LAMPREY | CHUM | PINK | SOURCE |
|------------|---------------|--------------|----------------------|---------------------|----------------------|---------------------|--------------------|-------------------|------------|------------|---------------|-------------------|------------|------------|------------|----------|----------|--------|
| 10/06/15 | 406 | 164 | 0 | 0 | 0 | 0 | 406 | 164 | 20 | 7 | 1992 | 507 | n/a | 0 | 2 | 0 | 0 | USACE |
| 10/07/15 | 270 | 91 | 0 | 0 | 0 | 0 | 270 | 91 | 15 | 8 | 1471 | 332 | n/a | 0 | 1 | 0 | 0 | USACE |
| 10/08/15 | 227 | 145 | 0 | 0 | 0 | 0 | 227 | 145 | 20 | 1 | 1492 | 397 | n/a | 0 | 1 | 0 | 0 | USACE |
| 10/09/15 | 297 | 100 | 0 | 0 | 0 | 0 | 297 | 100 | 28 | 12 | 2108 | 528 | n/a | 0 | 0 | 0 | 0 | USACE |
| 10/10/15 | 288 | 139 | 0 | 0 | 0 | 0 | 288 | 139 | 19 | 6 | 1578 | 408 | n/a | 0 | 0 | 0 | 0 | USACE |
| 10/11/15 | 306 | 160 | 0 | 0 | 0 | 0 | 306 | 160 | 29 | 8 | 3253 | 865 | n/a | 0 | -1 | 0 | 0 | USACE |
| 10/12/15 | 186 | 102 | 0 | 0 | 0 | 0 | 186 | 102 | 21 | 5 | 1398 | 370 | n/a | 0 | 0 | 0 | 0 | USACE |
| YTD | 181965 | 28435 | 111511 | 28435 | 17764 | 4835 | 52690 | 14903 | 873 | 307 | 112252 | 31095 | n/a | 888 | 267 | 0 | 0 | |

LITTLE GOOSE DAM 2)

| DATE | CHINOOK ADULT | CHINOOK JACK | SPRING CHINOOK ADULT | SPRING CHINOOK JACK | SUMMER CHINOOK ADULT | SUMMER CHINOOK JACK | FALL CHINOOK ADULT | FALL CHINOOK JACK | COHO ADULT | COHO JACK | STEELHEAD | WILD 5) STEELHEAD | SHAD | SOCKEYE | LAMPREY | CHUM | PINK | SOURCE |
|------------|---------------|--------------|----------------------|---------------------|----------------------|---------------------|--------------------|-------------------|-------------|------------|---------------|-------------------|------------|------------|-----------|----------|----------|--------|
| 10/06/15 | 502 | 142 | 0 | 0 | 0 | 0 | 502 | 142 | 38 | 1 | 2454 | 550 | n/a | 0 | -1 | 0 | 0 | USACE |
| 10/07/15 | 325 | 96 | 0 | 0 | 0 | 0 | 325 | 96 | 28 | 1 | 1951 | 461 | n/a | 0 | 1 | 0 | 0 | USACE |
| 10/08/15 | 404 | 96 | 0 | 0 | 0 | 0 | 404 | 96 | 29 | 7 | 2008 | 500 | n/a | 1 | 1 | 0 | 0 | USACE |
| 10/09/15 | 443 | 125 | 0 | 0 | 0 | 0 | 443 | 125 | 46 | 18 | 1790 | 421 | n/a | 0 | -4 | 0 | 0 | USACE |
| 10/10/15 | 344 | 152 | 0 | 0 | 0 | 0 | 344 | 152 | 50 | 23 | 1621 | 361 | n/a | 0 | -1 | 0 | 0 | USACE |
| 10/11/15 | 425 | 180 | 0 | 0 | 0 | 0 | 425 | 180 | 61 | 17 | 3008 | 676 | n/a | 1 | -6 | 0 | 0 | USACE |
| 10/12/15 | 414 | 149 | 0 | 0 | 0 | 0 | 414 | 149 | 26 | 11 | 2109 | 494 | n/a | 0 | 2 | 0 | 0 | USACE |
| YTD | 176565 | 22699 | 105124 | 22699 | 15494 | 4464 | 55947 | 9682 | 1454 | 273 | 104523 | 27238 | n/a | 585 | 63 | 0 | 0 | |

LOWER GRANITE DAM 3)

| DATE | CHINOOK ADULT | CHINOOK JACK | SPRING CHINOOK ADULT | SPRING CHINOOK JACK | SUMMER CHINOOK ADULT | SUMMER CHINOOK JACK | FALL CHINOOK ADULT | FALL CHINOOK JACK | COHO ADULT | COHO JACK | STEELHEAD | WILD 5) STEELHEAD | SHAD 6) | SOCKEYE | LAMPREY | CHUM | PINK | SOURCE |
|------------|---------------|--------------|----------------------|---------------------|----------------------|---------------------|--------------------|-------------------|------------|-----------|---------------|-------------------|--------------|------------|-----------|----------|----------|--------|
| 10/06/15 | 596 | 242 | 0 | 0 | 0 | 0 | 596 | 242 | 38 | 11 | 2718 | 587 | n/a | 0 | 0 | 0 | 0 | USACE |
| 10/07/15 | 389 | 196 | 0 | 0 | 0 | 0 | 389 | 196 | 26 | 2 | 2006 | 412 | n/a | 0 | 0 | 0 | 0 | USACE |
| 10/08/15 | 354 | 140 | 0 | 0 | 0 | 0 | 354 | 140 | 44 | 7 | 1864 | 389 | n/a | 0 | 0 | 0 | 0 | USACE |
| 10/09/15 | 419 | 134 | 0 | 0 | 0 | 0 | 419 | 134 | 24 | 4 | 2335 | 570 | n/a | 1 | -1 | 0 | 0 | USACE |
| 10/10/15 | 301 | 136 | 0 | 0 | 0 | 0 | 301 | 136 | 25 | 1 | 1934 | 442 | n/a | 1 | 0 | 0 | 0 | USACE |
| 10/11/15 | 386 | 173 | 0 | 0 | 0 | 0 | 386 | 173 | 47 | 5 | 2649 | 673 | n/a | 1 | 0 | 0 | 0 | USACE |
| 10/12/15 | 251 | 108 | 0 | 0 | 0 | 0 | 251 | 108 | 18 | 2 | 1682 | 415 | n/a | 0 | 0 | 0 | 0 | USACE |
| YTD | 175441 | 22202 | 104873 | 22202 | 14958 | 4222 | 55610 | 9601 | 931 | 82 | 104585 | 28834 | 84833 | 438 | 51 | 0 | 0 | |

PRIEST RAPIDS DAM 1) 4)

| DATE | CHINOOK ADULT | CHINOOK JACK | SPRING CHINOOK ADULT | SPRING CHINOOK JACK | SUMMER CHINOOK ADULT | SUMMER CHINOOK JACK | FALL CHINOOK ADULT | FALL CHINOOK JACK | COHO ADULT | COHO JACK | STEELHEAD | WILD 5) STEELHEAD | SHAD | SOCKEYE | LAMPREY | CHUM | PINK | SOURCE |
|------------|---------------|--------------|----------------------|---------------------|----------------------|---------------------|--------------------|-------------------|-------------|------------|--------------|-------------------|--------------|---------------|-------------|----------|----------|--------|
| 10/06/15 | 814 | 97 | 0 | 0 | 0 | 0 | 814 | 97 | 71 | 8 | 69 | n/a | 0 | 0 | 6 | 0 | 0 | GCPUD |
| 10/07/15 | 766 | 62 | 0 | 0 | 0 | 0 | 766 | 62 | 23 | 1 | 20 | n/a | 0 | 0 | 8 | 0 | 0 | GCPUD |
| 10/08/15 | 839 | 79 | 0 | 0 | 0 | 0 | 839 | 79 | 121 | 18 | 51 | n/a | 0 | 0 | 5 | 0 | 0 | GCPUD |
| 10/09/15 | 1055 | 62 | 0 | 0 | 0 | 0 | 1055 | 62 | 57 | 4 | 42 | n/a | 0 | 0 | 3 | 0 | 0 | GCPUD |
| 10/10/15 | 1235 | 54 | 0 | 0 | 0 | 0 | 1235 | 54 | 47 | 6 | 11 | n/a | 0 | 0 | 6 | 0 | 0 | GCPUD |
| 10/11/15 | 1700 | 152 | 0 | 0 | 0 | 0 | 1700 | 152 | 110 | 11 | 100 | n/a | 0 | 0 | 13 | 0 | 0 | GCPUD |
| 10/12/15 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| YTD | 171923 | 9670 | 27716 | 9670 | 78139 | 3550 | 66068 | 4550 | 3430 | 474 | 13517 | n/a | 17043 | 301270 | 6670 | 0 | 0 | |

WANAPUM DAM

| DATE | CHINOOK ADULT | CHINOOK JACK | SPRING CHINOOK ADULT | SPRING CHINOOK JACK | SUMMER CHINOOK ADULT | SUMMER CHINOOK JACK | FALL CHINOOK ADULT | FALL CHINOOK JACK | COHO ADULT | COHO JACK | STEELHEAD | WILD 5) STEELHEAD | SHAD | SOCKEYE | LAMPREY | CHUM | PINK | SOURCE |
|------------|---------------|--------------|----------------------|---------------------|----------------------|---------------------|--------------------|-------------------|-------------|------------|--------------|-------------------|------------|---------------|-------------|----------|----------|--------|
| 10/06/15 | 365 | 63 | 0 | 0 | 0 | 0 | 365 | 63 | 97 | 8 | 53 | n/a | 0 | 0 | 7 | 0 | 0 | GCPUD |
| 10/07/15 | 342 | 42 | 0 | 0 | 0 | 0 | 342 | 42 | 91 | 1 | 53 | n/a | 0 | 0 | 9 | 0 | 0 | GCPUD |
| 10/08/15 | 474 | 32 | 0 | 0 | 0 | 0 | 474 | 32 | 56 | 5 | 28 | n/a | 0 | 0 | 3 | 0 | 0 | GCPUD |
| 10/09/15 | 470 | 59 | 0 | 0 | 0 | 0 | 470 | 59 | 69 | 9 | 55 | n/a | 0 | 0 | 9 | 0 | 0 | GCPUD |
| 10/10/15 | 443 | 62 | 0 | 0 | 0 | 0 | 443 | 62 | 40 | 2 | 62 | n/a | 0 | 0 | 3 | 0 | 0 | GCPUD |
| 10/11/15 | 615 | 63 | 0 | 0 | 0 | 0 | 615 | 63 | 32 | 3 | 35 | n/a | 0 | 0 | 13 | 0 | 0 | GCPUD |
| 10/12/15 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| YTD | 144710 | 6129 | 25982 | 6129 | 76636 | 2180 | 42092 | 2872 | 2458 | 209 | 13367 | n/a | 794 | 296339 | 5248 | 0 | 0 | |

ROCK ISLAND DAM 2) 4) 7)

| DATE | CHINOOK ADULT | CHINOOK JACK | SPRING CHINOOK ADULT | SPRING CHINOOK JACK | SUMMER CHINOOK ADULT | SUMMER CHINOOK JACK | FALL CHINOOK ADULT | FALL CHINOOK JACK | COHO ADULT | COHO JACK | STEELHEAD | WILD 5) STEELHEAD | SHAD | SOCKEYE | LAMPREY | CHUM | PINK | SOURCE |
|----------|---------------|--------------|----------------------|---------------------|----------------------|---------------------|--------------------|-------------------|------------|-----------|-----------|-------------------|------|---------|---------|------|------|--------|
| 10/06/15 | 342 | 38 | 0 | 0 | 0 | 0 | 342 | 38 | 71 | 2 | 90 | 35 | n/a | 3 | 2 | 0 | 0 | CHPUD |
| 10/07/15 | 400 | 50 | 0 | 0 | 0 | 0 | 400 | 50 | 118 | 11 | 78 | 33 | n/a | 6 | 0 | 0 | 0 | CHPUD |
| 10/08/15 | 379 | 64 | 0 | 0 | 0 | 0 | 379 | 64 | 139 | 5 | 76 | 19 | n/a | 5 | 0 | 0 | 0 | CHPUD |

| | | | | | | | | | | | | | | | | | | |
|----------|--------|------|-------|------|-------|------|-------|------|------|-----|-------|------|-----|--------|------|---|---|-------|
| 10/09/15 | 411 | 66 | 0 | 0 | 0 | 0 | 411 | 66 | 114 | 1 | 70 | 14 | n/a | 1 | 0 | 0 | 0 | CHPUD |
| 10/10/15 | 284 | 48 | 0 | 0 | 0 | 0 | 284 | 48 | 106 | 0 | 41 | 16 | n/a | 2 | 0 | 0 | 0 | CHPUD |
| 10/11/15 | 267 | 33 | 0 | 0 | 0 | 0 | 267 | 33 | 76 | 3 | 40 | 15 | n/a | 7 | 0 | 0 | 0 | CHPUD |
| 10/12/15 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| YTD | 146746 | 5799 | 31750 | 5799 | 88691 | 2476 | 26305 | 2231 | 3527 | 113 | 13172 | 5665 | n/a | 264656 | 2163 | 0 | 0 | |

ROCKY REACH DAM 2) 4)

| DATE | CHINOOK ADULT | CHINOOK JACK | SPRING CHINOOK ADULT | SPRING CHINOOK JACK | SUMMER CHINOOK ADULT | SUMMER CHINOOK JACK | FALL CHINOOK ADULT | FALL CHINOOK JACK | COHO ADULT | COHO JACK | STEELHEAD | WILD 5) STEELHEAD | SHAD | SOCKEYE | LAMPREY | CHUM | PINK | SOURCE |
|----------|---------------|--------------|----------------------|---------------------|----------------------|---------------------|--------------------|-------------------|------------|-----------|-----------|-------------------|------|---------|---------|------|------|--------|
| 10/06/15 | 564 | 32 | 0 | 0 | 0 | 0 | 564 | 32 | 100 | 12 | 109 | 46 | n/a | 2 | 0 | 0 | 0 | CHPUD |
| 10/07/15 | 331 | 46 | 0 | 0 | 0 | 0 | 331 | 46 | 62 | 1 | 89 | 23 | n/a | 9 | 0 | 0 | 0 | CHPUD |
| 10/08/15 | 302 | 40 | 0 | 0 | 0 | 0 | 302 | 40 | 43 | 2 | 60 | 18 | n/a | 1 | 0 | 0 | 0 | CHPUD |
| 10/09/15 | 387 | 64 | 0 | 0 | 0 | 0 | 387 | 64 | 50 | 0 | 77 | 20 | n/a | 7 | 0 | 0 | 0 | CHPUD |
| 10/10/15 | 436 | 55 | 0 | 0 | 0 | 0 | 436 | 55 | 62 | 2 | 61 | 21 | n/a | 2 | 0 | 0 | 0 | CHPUD |
| 10/11/15 | 210 | 36 | 0 | 0 | 0 | 0 | 210 | 36 | 45 | 5 | 33 | 11 | n/a | 1 | 1 | 0 | 0 | CHPUD |
| 10/12/15 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| YTD | 113898 | 4142 | 15244 | 4142 | 76246 | 1937 | 22408 | 1596 | 1509 | 103 | 10114 | 4104 | n/a | 216361 | 2132 | 0 | 0 | |

WELLS DAM 2) 4)

| DATE | CHINOOK ADULT | CHINOOK JACK | SPRING CHINOOK ADULT | SPRING CHINOOK JACK | SUMMER CHINOOK ADULT | SUMMER CHINOOK JACK | FALL CHINOOK ADULT | FALL CHINOOK JACK | COHO ADULT | COHO JACK | STEELHEAD | WILD 5) STEELHEAD | SHAD | SOCKEYE | LAMPREY | CHUM | PINK | SOURCE |
|----------|---------------|--------------|----------------------|---------------------|----------------------|---------------------|--------------------|-------------------|------------|-----------|-----------|-------------------|------|---------|---------|------|------|--------|
| 10/06/15 | 118 | 13 | 0 | 0 | 0 | 0 | 118 | 13 | 43 | 0 | 57 | 19 | n/a | 0 | 0 | 0 | 0 | DART |
| 10/07/15 | 122 | 20 | 0 | 0 | 0 | 0 | 122 | 20 | 27 | 0 | 65 | 25 | n/a | 3 | 0 | 0 | 0 | DART |
| 10/08/15 | 96 | 8 | 0 | 0 | 0 | 0 | 96 | 8 | 25 | 1 | 87 | 36 | n/a | 3 | 0 | 0 | 0 | DART |
| 10/09/15 | 69 | 11 | 0 | 0 | 0 | 0 | 69 | 11 | 31 | 5 | 68 | 29 | n/a | 1 | 0 | 0 | 0 | DART |
| 10/10/15 | 72 | 9 | 0 | 0 | 0 | 0 | 72 | 9 | 22 | 0 | 83 | 35 | n/a | 3 | 0 | 0 | 0 | DART |
| 10/11/15 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 10/12/15 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| YTD | 90854 | 5397 | 19971 | 5397 | 62129 | 3311 | 8754 | 566 | 806 | 32 | 8201 | 3218 | n/a | 187036 | 0 | 0 | 0 | |

NOTES:

- At Willamette Falls Dam, it takes the staff most of the day to accurately review one day of fish passage on tape when the counts are high. The WFA staff make every attempt to keep the counts as up-to-date as possible. Note: at WFA Monday's are extremely busy, as the staff attempt to catch-up with the weekend counts.
- The Corp of Engineers has stopped shad counting at The Dalles, starting in 2011 on the advice of the Fish Passage Operations and Management (FPOM) committee, made up of NOAA, CRITFC, ODFW, WDFW, IDFW, BPA, and COE biologists.
- ¹⁾ Since the year 2006, Priest Rapids Dam and Wanapum Dam jack counts have included mini jacks.
- ²⁾ Shad are not counted at Willamette Falls, The Dalles, John Day, Lower Monumental, Little Goose, Rock Island, Rocky Reach and Wells Dams
- ³⁾ Steelhead counts appear higher at Lower Granite Dam because most years a group which migrated into the river system between October and December overwinters below LGR and continues its migration in early March. The fish ladder at Lower Granite will not be in operation until March 4, 2015. The first full day of counting in 2015 will be March 5, 2015.
- ⁴⁾ As the Army Corp of Engineers no longer collects adult counts from the PUDs, we now get data directly from Chelan, Douglas and Grant Co. PUDs and DART. The steelhead counts include unclipped (wild) steelhead. It is not appropriate to add the steelhead counts and wild steelhead counts together.
- ⁵⁾ Wild steelhead are counted separately from hatchery steelhead at Corps dams on the Columbia and Snake Rivers. Wild steelhead are identified as fish with an intact adipose fin. However, a small number of hatchery fish may not have had their adipose fin removed. There are no wild steelhead counts at Priest Rapids or Willamette Falls. Willamette Falls counts for: Chinook, Steelhead, and Coho only.
- ⁶⁾ Shad are typically not counted at any of the Corps dams after August 31 each year and shad are not counted at all Corps dams. An n/a in the shad columns at Bonneville Dam and Lower Granite Dam after August 31st means that the shad are not being counted.
- ⁷⁾ In 2014, Grant County PUD trapped and transported hundreds of Lamprey above Rock Island Dam. Therefore, the ladder counts of Lamprey at Rock Island under estimate the true numbers of lamprey past the project.
- When the source column on this report reads 'unknown', 'ceftp', or 'TMT', it is because the counts have been gathered via the phone or ftp and are considered preliminary data. When the Corp of Engineers finalizes the counts and posts them on their website the source reads USACE.
- This report includes ALL available adult counts. The information in this report is preliminary.
- In 2012, the U.S. Army Corps of Engineers and NOAA Fisheries are currently developing automated counting systems for Lamprey Passage Structures (LPS) installed at Bonneville Dam. In the interest of publishing accurate counts, LPS counts will not be publicly posted in-season until the automated systems are fully operational.
- The adult counts in this report are based on reporting dates for dams recently established (2000). They are presented in the table below. A report with adult salmon counts based on historical dates (prior to 2000) can be found [here](#).
- The reporting dates table shows that several dams stop counting fish around November 15th each year. After a dam stops counting fish for the season, only the total number of fish are shown on this report.
- These data are updated periodically throughout the day. The FPC data retrieving robot searches the web for updated data every 30 minutes in the AM, and every hour in the PM.
- The last column " Source " shows where the data was imported from: NWACE is imported from the COE's Daily Fish Reports; USACE is from [US Army Corps of Engineers](#) fish count pages; CHPUD is from [Chelan PUD](#); GCPUD is from [Grant PUD](#) and DGPUD is from [Douglas PUD](#) and DART is from the [University of Washington's Data Access in Real Time](#), WFA is imported from [ODFW's Willamette Falls](#) website.
- Some of the sites are several days behind in reporting, but is reported by the COE as zero, so where zeros appear across all rows, the data should be considered as "not yet reported".
- Video counts can cause a delay in posting the data to the web, because the staff at the projects have to review the tapes.

2014-15 Adult Salmon Dam Count Monitoring Dates

| Dam | Video Monitoring Dates | | Direct Monitoring Dates |
|------------------|--|------------------------------|-----------------------------|
| | Day | Night | |
| Bonneville Dam | November 1 - February 28, 2015 March 1 - March 31, 2015 | June 15 - September 30, 2015 | April 1 to October 31, 2015 |
| **The Dalles Dam | | June 15 - September 30, 2015 | April 1 to October 31, 2015 |
| John Day Dam | | June 15 - September 30, 2015 | April 1 to October 31, 2015 |

| | | |
|-----------------------------|--|--|
| McNary Dam | July 1 - September 30, 2015 | April 1 to October 31, 2015 |
| Ice Harbor Dam | | April 1 to October 31, 2015 |
| Lower Monumental Dam | November 1 - February 28, 2015 | April 1 to October 31, 2015 |
| Little Goose Dam | | April 1 to October 31, 2015 |
| Lower Granite Dam | November 1 - December 30, 2015 March 1 - March 31, 2015 | June 15 - September 30, 2015 April 1 - October 31, 2015 |
| Priest Rapids Dam | April 15 - November 15, 2015 (24 hr) | |
| Wanapum Dam | April 15 - November 15, 2015 (24 hr) | |
| Rock Island Dam | April 14 - November 15, 2015 (24 hr) | |
| Rocky Reach Dam | April 14 - November 15, 2015 (24 hr) | |
| Wells Dam | May 1 - November 15, 2015 (24 hr) | |
| Willamette Falls | Count year round (24 hr) | |

2014-2015 Columbia and Snake River Fishway Outages

| Dam | Dates Fishways are Closed |
|-----------------------------|---|
| Bonneville Dam | ● Bradford Island Fishway: November 10, 2014 - November 24, 2014 |
| | ● Cascades Island Fishway (with UMT): December 3, 2014 to February 28, 2015 |
| | ● Washington Shore Fishway: December 8, 2014 to February 28, 2015 |
| The Dalles Dam | ● East Fish Fishway: December 3, 2014 - January 27, 2015 |
| | ● North Fish Fishway: February 3, 2015 - February 26, 2015 |
| John Day Dam | ● North Fish Fishway: November 29, 2014 - December 23, 2014 |
| | ● South Fish Fishway: January 4, 2015 - February 26, 2015 |
| McNary Dam | ● Washington Shore Fishway: January 5, 2015 - January 15, 2015 |
| | ● Oregon Shore Fishway: January 17, 2015 - February 28, 2015 |
| Ice Harbor Dam | ● North Shore Fishway: January 26, 2015 - February 24, 2015 |
| | ● South Shore Fishway: January 5 - January 22, 2015 |
| Lower Monumental Dam | ● North Shore Fishway: January 5, 2015 - February 3, 2015 |
| | ● South Shore Fishway: February 4, 2015 - February 27, 2015 |
| Little Goose Dam | ● January 7, 2015 - February 20, 2015 |
| Lower Granite Dam | ● January 7, 2015 - March 4, 2015 |
| Priest Rapids Dam | ● Left Bank Fishway: December 30, 2014 - February 24, 2015 |
| | ● Right Bank Fishway: December 1, 2014 - December 22, 2014 |
| Wanapum Dam | ● Right Bank Fishway: January 26, 2015 - February 6, 2015 |
| | ● Left Bank Fishway: December 12, 2014 - January 22, 2015 |
| Rock Island Dam | ● Right Bank Fishway: December 1, 2014 - February 20, 2015 |
| | ● Left Bank Fishway: January 12, 2015 - February 6, 2015 |
| | ● Middle Fishway: December 29, 2014 - January 9, 2015 |
| Rocky Reach Dam | ● January 6, 2015 - February 28, 2015 |
| Wells Dam | ● West Ladder: TBD |
| | ● East Ladder: December 9, 2014 to February 5, 2015 |

- Data source: Corp of Engineers, Dewatering Plans and Schedules. Available online at: <http://www.nwd-uc.usace.army.mil/tmt/documents/FPOM/2010/Plans%20lists%20charts/>