



Fish Passage Center Weekly Report #06 - 10

May 12, 2006

1827 NE 44th Ave., Suite 240
Portland, OR 97213
phone: 503/230-4099
fax: 503/230-7559

Summary of Events:

Water Supply: Precipitation throughout the Columbia Basin has varied between 6% and 62% of average at individual sub-basins over the first eight days of May. Precipitation above The Dalles over the first eight days of May has been 48% of average. Over the entire water year, precipitation has been above average at all locations in Table 1.

Table 1. Summary of May precipitation and cumulative October through May precipitation with respect to average (1971-2000), at select locations within the Columbia and Snake River Basins.

| Location | Water Year 2006 May 1-8 | | Water Year 2006 October 1, 2005 to May 8 | |
|--------------------------------|----------------------------|--------------|--|--------------|
| | Observed (inches) | % Average | Observed (inches) | % Average |
| Columbia Above Coulee | 0.28 | 49 | 18.15 | 110 |
| Snake River Above Ice Harbor | 0.21 | 42 | 15.96 | 130 |
| Columbia Above The Dalles | 0.25 | 48 | 18.53 | 113 |
| Kootenai | 0.35 | 62 | 19.37 | 114 |
| Clark Fork | 0.14 | 26 | 13.37 | 124 |
| Flathead | 0.30 | 48 | 17.39 | 121 |
| Pend Oreille/Spokane | 0.34 | 51 | 25.85 | 112 |
| Central Washington | 0.01 | 6 | 8.81 | 130 |
| Snake River Plain | 0.14 | 37 | 9.89 | 131 |
| Salmon/Boise/Payette | 0.17 | 38 | 20.90 | 141 |
| Clearwater | 0.32 | 41 | 24.15 | 110 |
| SW Washington Cascades/Cowlitz | 0.45 | 46 | 60.88 | 102 |
| Willamette Valley | 0.33 | 37 | 56.02 | 110 |

Snowpack within the Columbia Basin is near or above average. Average snowpack in the Columbia River for basins above the Snake River confluence is 112% of average, for Snake River Basins the average snowpack is 111% of average, and for lower Columbia Basins between McNary and Bonneville Dam average snowpack 98% of average.

Table 2 displays the March Final, April Final, and May Final runoff volume forecasts for multiple reservoirs. The May Final forecast at The Dalles between January and July is 110000 Kaf (103% of average). Water supply forecasts at all locations in Table 2 have increased between the April Final and May Final forecasts.

Table 2. March Final, April Final, and May Final Runoff Volume Forecasts for various reservoirs within the Columbia and Snake River Basins.

| Location | March Final | | April Final | | May Final | |
|---|---------------------------------|---------------------------------------|---------------------------------|---------------------------------------|---------------------------------|---------------------------------------|
| | % Average (1971- 2000) | Probable Runoff Volume (Kaf) | % Average (1971- 2000) | Probable Runoff Volume (Kaf) | % Average (1971- 2000) | Probable Runoff Volume (Kaf) |
| The Dalles (Jan-July) | 100 | 107000 | 100 | 107000 | 103 | 110000 |
| Grand Coulee (Jan-July) | 98 | 61900 | 96 | 60600 | 98 | 61900 |
| Libby Res. Inflow, MT (Jan-July) | 98 | 6200 | 96 | 6030 | 98 | 6160 |
| Hungry Horse Res. Inflow, MT (Jan-July) | 106 | 2360 | 99 | 2210 | 101 | 2250 |
| Lower Granite Res. Inflow (Apr-July) | 109 | 23400 | 118 | 25500 | 126 | 27100 |
| Brownlee Res. Inflow (Apr-July) | 110 | 6940 | 133 | 8380 | 143 | 9020 |
| Dworshak Res. Inflow (Apr-July) | 99 | 2620 | 96 | 2540 | 101 | 2670 |

Grand Coulee Reservoir is at 1231.1 feet (5-11-06) and has held steady over the last week.

The Libby Reservoir is currently at elevation 2424.6 feet (5-11-06) and filled 5.2 feet last week. Outflows have been 4 Kcfs over the last week.

Hungry Horse is currently at an elevation of 3517.1 feet (5-11-06) and refilled 0.2 feet last week. Outflows at Hungry Horse have been approximately 7 Kcfs.

Dworshak is currently at an elevation of 1546.6 feet (5-11-06) and refilled 5.8 feet last week; outflows at Dworshak have ranged between 4.6 and 7.9 Kcfs over the last week.

The Brownlee Reservoir was at an elevation of 2043.6 feet on May 11th, 2006 (refilling 8.7 feet last week). Outflows at Brownlee have been as high as 54.3 Kcfs over the last week.

The Biological Opinion flow period began on April 3rd in the lower Snake River (Lower Granite) and on April 10th in the mid (Priest Rapids) and lower (McNary) Columbia River. According to the April Final Water Supply Forecast, the flow objectives this spring are 100 Kcfs at Lower Granite, 260 Kcfs at McNary, and 135 Kcfs at Priest Rapids. Flows at Lower Granite have averaged 125.6 Kcfs over the season and 115.2 Kcfs last week; flows at McNary have averaged 319.6 Kcfs over the season and 300.5 Kcfs last week; and flows at Priest Rapids have averaged 172.6 Kcfs over the season and 163.2 Kcfs last week

Spill: No spill occurred at Dworshak Dam over the past week, as outflow was decreased to less than powerhouse capacity on May 1. Spill operations for fish passage at the Lower Snake River projects began on April 3, 2006 in accordance with the December 29, 2005 District Court Order and Opinion. Spill at Lower Granite, Little Goose, Lower Monumental and Ice Harbor dams averaged 28%, 24%, 21% and 45% of average daily flow over the past week, respectively. Spill at Lower Granite is exceeding the objective of the Court Order of 20 Kcfs for 24 hours due to limitations of powerhouse capacity. Spill at Little Goose Dam is less than the Court's Order of 30% of instantaneous flow for 24 hours, and continues to be limited

because total dissolved gas in the Lower Monumental forebay exceeded the waiver criteria. Spill at Lower Monumental Dam is also less than the 40 Kcfs for 24 hours specified in the order and was restricted for TDG exceedences in Ice Harbor forebay. Ice Harbor Dam spill has been meeting the Court Order.

Spill for fish passage began on April 10 at Lower Columbia River projects. Spill for fish passage McNary, John Day, The Dalles and Bonneville dams was 42%, 36%, 39% and 30% of average daily flow, respectively. McNary Dam has been meeting the requirements of the Court's Order. John Day Dam is being operated with a limited hydraulic capacity. Spill at The Dalles Dam is less than called for in the Court's Order, but closer than last week. Spill at Bonneville Dam has been below the Court Order over the past week.

Total dissolved gas levels have exceeded the TDG waiver limits at some locations over the past week. Biological monitoring has not shown that criteria levels have been exceeded. However, a few fish have been showing minor (Rank 1, or less than 5% of an unpaired fin affected) signs of GBT.

Smolt Monitoring: Relatively large numbers of migrant yearling Chinook and steelhead continue to be collected at Smolt Monitoring Dams in the Snake River and Lower Columbia River. The indices for yearling Chinook continued to increase at Snake River dams, while steelhead numbers declined both in the Snake and Lower Columbia. Sockeye, coho and subyearling Chinook indices increased at most SMP dams over the past week.

At the Salmon River Trap daily collection of yearling Chinook continued to go down this past week, with the index average around 70 per day, compared to 960 fish per day the previous week. Steelhead capture decreased to 60 per day this week, less than half of the average from last week. At the Imnaha Trap yearling Chinook collection went up from 20 per day last week to 40 per day this week, while steelhead capture increased from 240 per day last week to 445 per day this week. At the Grande Ronde Trap yearling Chinook numbers decreased this past week from 210 per day to

around 90 per day this week, while steelhead capture stayed relatively steady averaging 120 fish per day this week. At the Lewiston Trap yearling Chinook collection dropped from averaging 1000 fish per day last week to just over 400 per day this week. Steelhead numbers were trending downward over the same time period, averaging 80 per day over the last week.

At Lower Granite Dam, yearling Chinook indices averaged roughly 170,000 per day over the past week compared to 155,000 per day the previous week. Steelhead indices averaged 125,000 per day this week compared to 150,000 per day last week. Sockeye, coho and subyearling Chinook indices all increased over the past week at Lower Granite Dam. Sockeye indices at Lower Granite Dam may reflect the passage of what are thought to be small kokanee flushed from Dworshak Reservoir and carried downstream to Lower Granite Dam by the higher than average flows for this time of year. However, May is also the time when sockeye from the Salmon River Basin typically pass through the Snake River, so it may be the fish are a combination of endangered sockeye and kokanee.

Passage indices at Little Goose Dam continue to be somewhat higher than at Lower Granite Dam. The reason the passage indices at Little Goose are higher than at Lower Granite this season is that the passage index expands for spill assuming 1 to 1 efficiency of fish passing per unit volume spill. Spill efficiency at Lower Granite is likely much higher than 1 to 1 at 40% spill so that the index does not fully account for the fish passing in spill. In addition, the BGS is also being tested at Lower Granite Dam this year and the effect of that on spill efficiency is not known, but could improve spill efficiency also. In the next week or so FPC will be adjusting passage indices (especially at Lower Granite Dam) to better reflect known spill efficiency where data are available, using newly summarized research data developed by NOAA for regional modeling efforts.

At Little Goose Dam, collection of fish for transportation began April 24, so that full 24 hour sampling has been conducted since that date. Indices averaged 150,000 per day for yearling

Chinook this past week, while steelhead indices averaged 110,000 per day this past week. Transport at Lower Monumental Dam began transport on April 29, so that full 24 hour samples began on that date. The passage indices for yearling Chinook averaged 62,000 this past week, while steelhead indices averaged 42,000.

At Rock Island Dam and the Lower Columbia SMP sites, indices for all spring migrants continued to increase over the past two weeks, with the exception of steelhead indices which were down at all Lower Columbia sites. Subyearling Chinook indices jumped up over the past week reflecting a large hatchery release May 8 from Spring Creek NFH.

Adult Fish Passage: Adult counts at Bonneville Dam have been high over the last week, ranging between 3,991 and 8,647 adult spring Chinook per day. Adult spring Chinook counts this year have surpassed the 2005 average but are still behind the ten-year average. Between March 15th and May 11th, 59,660 spring Chinook adults had passed Bonneville Dam; this compares to 51,836 spring Chinook adults over the same period last year and 128,288 over the same period on a ten-year average. This years adult spring Chinook count at Bonneville Dam is 116% of that recorded in 2005 and 47% of the ten year average. Daily adult steelhead passage numbers at Bonneville Dam have ranged between 25 and 59 over the last week.

Hatchery Releases: Snake River- Releases of yearling spring Chinook in the Snake River Basin are basically complete for 2006 migration year. Summer steelhead releases are also nearing completion with trucking of steelhead from Hagerman NFH to the Salmon River Basin scheduled to end today. And acclimation releases at Big Canyon acclimation pond in the Grande Ronde River basin is scheduled to continue through May 12 also. Releases of subyearling Chinook are ongoing at Captain John's Acclimation pond, where 230,000 fish will be volitionally exiting over at 2 to 3 week period.

Mid-Columbia - Releases of upper Mid-Columbia spring Chinook and steelhead are mostly in-river with steelhead releases either ongoing (Yakima R) or completed (Wenatchee R) during the past week. The large yearling summer Chinook releases from Dryden, Similkameen, and Carlton ponds as well as Wells H should be in-river. Acclimation releases of coho from Leavenworth NFH are scheduled to be completed May 15 at sites in the Wenatchee River.

Lower Columbia - In the Lower Columbia River, releases of yearling Chinook and steelhead are basically completed for 2006, while Spring Creek NFH release of 3.3 million subyearling fall Chinook took place on May 8.

Daily Average Flow and Spill (in kcfs) at Mid-Columbia Projects

| Date | Grand Coulee | | Chief Joseph | | Wells | | Rocky Reach | | Rock Island | | Wanapum | | Priest Rapids | |
|----------|--------------|-------|--------------|-------|-------|-------|-------------|-------|-------------|-------|---------|-------|---------------|-------|
| | Flow | Spill | Flow | Spill | Flow | Spill | Flow | Spill | Flow | Spill | Flow | Spill | Flow | Spill |
| 04/28/06 | 153.8 | 0.0 | 161.2 | 0.0 | 163.7 | 14.4 | 154.5 | 0.3 | 159.9 | 33.3 | 159.6 | 29.9 | 165.1 | 95.0 |
| 04/29/06 | 155.6 | 0.0 | 156.8 | 0.0 | 169.0 | 12.2 | 167.5 | 23.9 | 173.0 | 34.0 | 181.1 | 32.0 | 172.1 | 97.2 |
| 04/30/06 | 146.3 | 0.0 | 147.7 | 0.0 | 162.7 | 10.0 | 159.7 | 21.0 | 168.2 | 33.3 | 179.0 | 24.9 | 182.4 | 102.3 |
| 05/01/06 | 147.9 | 0.0 | 155.8 | 0.0 | 168.0 | 19.7 | 165.3 | 23.5 | 172.5 | 36.0 | 188.9 | 50.5 | 184.0 | 28.1 |
| 05/02/06 | 170.5 | 0.0 | 169.4 | 0.0 | 180.3 | 15.1 | 180.4 | 44.6 | 185.5 | 36.6 | 202.1 | 67.7 | 195.6 | 44.9 |
| 05/03/06 | 147.8 | 0.0 | 154.3 | 0.0 | 178.3 | 14.2 | 184.9 | 43.2 | 188.2 | 36.2 | 198.6 | 59.3 | 195.4 | 52.8 |
| 05/04/06 | 155.0 | 0.0 | 154.4 | 0.0 | 158.3 | 10.0 | 154.4 | 43.4 | 158.0 | 37.0 | 168.9 | 13.3 | 176.9 | 21.5 |
| 05/05/06 | 153.0 | 0.0 | 160.2 | 0.0 | 171.0 | 27.4 | 164.9 | 43.1 | 165.8 | 36.2 | 170.2 | 38.5 | 155.8 | 12.2 |
| 05/06/06 | 147.4 | 0.0 | 152.1 | 0.0 | 167.9 | 23.0 | 169.6 | 40.3 | 174.1 | 31.7 | 195.1 | 68.7 | 182.2 | 32.8 |
| 05/07/06 | 136.4 | 0.0 | 135.8 | 0.0 | 146.0 | 9.4 | 144.2 | 36.1 | 150.2 | 29.7 | 168.1 | 32.6 | 172.7 | 14.3 |
| 05/08/06 | 145.9 | 0.0 | 156.2 | 0.0 | 170.7 | 29.2 | 164.3 | 10.9 | 167.0 | 31.5 | 170.3 | 46.6 | 155.8 | 17.9 |
| 05/09/06 | 137.8 | 0.0 | 135.1 | 0.0 | 151.6 | 22.9 | 152.5 | 2.1 | 157.6 | 29.1 | 172.0 | 41.7 | 169.0 | 27.4 |
| 05/10/06 | 127.9 | 0.0 | 128.6 | 0.0 | 140.2 | 10.5 | 136.7 | 0.0 | 147.3 | 26.2 | 161.8 | 28.8 | 157.5 | 13.1 |
| 05/11/06 | 145.6 | 0.0 | 145.6 | 0.0 | 157.7 | 13.6 | 148.1 | 9.2 | 149.7 | 26.1 | 153.3 | 20.2 | 149.4 | 12.4 |

Daily Average Flow and Spill (in kcfs) at Snake Basin Projects

| Date | Dworshak | | Hells Canyon | | Lower Granite | | Little Goose | | Lower Monumental | | Ice Harbor | |
|----------|----------|-------|--------------|---------|---------------|-------|--------------|-------|------------------|-------|------------|-------|
| | Flow | Spill | Inflow | Outflow | Flow | Spill | Flow | Spill | Flow | Spill | Flow | Spill |
| 04/28/06 | 14.0 | 3.5 | 65.1 | 63.5 | 124.7 | 39.2 | 123.4 | 27.6 | 125.2 | 23.4 | 127.8 | 55.2 |
| 04/29/06 | 13.9 | 3.5 | 62.7 | 60.2 | 127.1 | 42.2 | 124.7 | 27.5 | 124.1 | 22.2 | 123.9 | 58.5 |
| 04/30/06 | 13.8 | 3.4 | 64.9 | 66.2 | 139.5 | 56.0 | 135.9 | 30.9 | 138.2 | 28.1 | 138.8 | 58.8 |
| 05/01/06 | 10.5 | 0.1 | 68.4 | 64.9 | 153.1 | 67.0 | 152.3 | 41.4 | 154.8 | 39.0 | 157.8 | 79.6 |
| 05/02/06 | 10.4 | 0.0 | 66.1 | 55.2 | 142.0 | 56.4 | 142.2 | 33.1 | 146.4 | 32.6 | 150.4 | 69.9 |
| 05/03/06 | 10.4 | 0.0 | 62.8 | 55.3 | 133.7 | 50.1 | 130.7 | 23.9 | 131.4 | 22.8 | 133.1 | 59.2 |
| 05/04/06 | 10.0 | 0.0 | 61.0 | 55.3 | 129.1 | 47.6 | 125.5 | 23.9 | 127.4 | 23.0 | 131.6 | 47.7 |
| 05/05/06 | 4.6 | 0.0 | 60.9 | 55.5 | 117.4 | 35.9 | 115.0 | 23.2 | 118.1 | 22.1 | 117.0 | 35.5 |
| 05/06/06 | 4.6 | 0.0 | 58.9 | 55.5 | 119.9 | 38.4 | 116.2 | 22.1 | 118.2 | 21.0 | 118.7 | 35.3 |
| 05/07/06 | 4.6 | 0.0 | 58.2 | 55.4 | 121.0 | 39.6 | 118.5 | 22.0 | 122.5 | 20.6 | 125.0 | 54.2 |
| 05/08/06 | 7.3 | 0.0 | 58.2 | 52.4 | 124.4 | 40.5 | 121.9 | 25.1 | 122.5 | 22.3 | 126.1 | 67.9 |
| 05/09/06 | 7.9 | 0.0 | 54.8 | 47.0 | 116.3 | 31.8 | 113.3 | 30.2 | 115.0 | 25.1 | 115.3 | 66.0 |
| 05/10/06 | 7.9 | 0.0 | 52.0 | 42.0 | 107.6 | 24.7 | 107.1 | 31.4 | 108.9 | 27.7 | 114.2 | 67.7 |
| 05/11/06 | 7.7 | 0.0 | --- | --- | 99.8 | 20.3 | 97.1 | 29.3 | 97.6 | 26.0 | 98.3 | 42.5 |

Daily Average Flow and Spill (in kcfs) at Lower Columbia Projects

| Date | McNary | | John Day | | The Dalles | | Bonneville | | PH1 | PH2 |
|----------|--------|-------|----------|-------|------------|-------|------------|-------|------|-------|
| | Flow | Spill | Flow | Spill | Flow | Spill | Flow | Spill | | |
| 04/28/06 | 303.5 | 128.4 | 299.1 | 108.9 | 292.2 | 99.4 | 335.8 | 112.0 | 83.8 | 128.6 |
| 04/29/06 | 305.2 | 126.2 | 298.9 | 108.7 | 292.6 | 96.6 | 312.6 | 100.9 | 79.2 | 121.1 |
| 04/30/06 | 316.7 | 139.6 | 316.8 | 106.3 | 309.9 | 99.8 | 318.6 | 100.5 | 78.7 | 127.8 |
| 05/01/06 | 357.2 | 182.4 | 337.0 | 143.2 | 329.7 | 117.7 | 340.1 | 119.5 | 81.5 | 127.6 |
| 05/02/06 | 358.7 | 181.2 | 365.9 | 182.4 | 361.5 | 162.9 | 382.8 | 159.9 | 84.2 | 127.2 |
| 05/03/06 | 354.4 | 180.7 | 354.7 | 162.4 | 346.5 | 141.2 | 378.4 | 152.2 | 84.8 | 129.9 |
| 05/04/06 | 346.2 | 170.7 | 347.9 | 129.7 | 341.5 | 126.6 | 364.5 | 140.8 | 83.6 | 128.7 |
| 05/05/06 | 298.4 | 120.3 | 304.3 | 106.9 | 299.7 | 117.7 | 316.0 | 99.4 | 79.7 | 125.4 |
| 05/06/06 | 303.2 | 125.7 | 270.7 | 91.2 | 262.9 | 103.5 | 296.6 | 95.0 | 74.3 | 115.8 |
| 05/07/06 | 320.4 | 146.1 | 323.0 | 108.8 | 316.0 | 119.6 | 317.3 | 95.6 | 82.7 | 127.6 |
| 05/08/06 | 307.5 | 131.4 | 314.9 | 118.6 | 307.9 | 119.6 | 318.8 | 96.3 | 83.6 | 127.4 |
| 05/09/06 | 296.3 | 117.6 | 282.9 | 99.0 | 279.8 | 110.9 | 320.8 | 92.6 | 85.1 | 131.6 |
| 05/10/06 | 308.5 | 139.7 | 298.0 | 109.4 | 294.6 | 115.4 | 315.2 | 94.6 | 82.2 | 127.0 |
| 05/11/06 | 269.6 | 99.4 | 266.2 | 109.9 | 255.6 | 100.8 | 296.7 | 89.7 | 76.2 | 118.5 |

HATCHERY RELEASE LAST TWO WEEKS

Hatchery Release Summary

From: **4/28/2006** to **05/11/06**

| Agency | Hatchery | Species | Race | MigYr | NumRel | RelStart | RelEnd | RelSite | RelRiver |
|--|--------------------------|---------|------|-------|-------------------|----------|----------|--|-----------------------|
| Idaho Dept. of Fish and Game | Oxbow-Idaho | CH0 | FA | 2006 | 190,000 | 05-02-06 | 05-02-06 | Hells Canyon Dam | Snake River |
| Idaho Dept. of Fish and Game | Oxbow-Idaho | CH0 | FA | 2006 | 200,000 | 05-02-06 | 05-02-06 | Hells Canyon Dam | Snake River |
| Idaho Dept. of Fish and Game | Sawtooth Hatchery | SO | UN | 2006 | 40,000 | 05-02-06 | 05-02-06 | Redfish Lake Creek | Salmon River (ID) |
| Idaho Dept. of Fish and Game | Sawtooth Hatchery | SO | UN | 2006 | 40,000 | 05-02-06 | 05-02-06 | Salmon River (ID) | Salmon River (ID) |
| Idaho Dept. of Fish and Game Total | | | | | 470,000 | | | | |
| Nez Perce Tribe | Dworshak NFH | CO | UN | 2006 | 186,500 | 05-01-06 | 05-02-06 | Clear Creek | Clearwater River M F |
| Nez Perce Tribe | Irrigon Hatchery Complex | ST | SU | 2006 | 162,000 | 04-11-06 | 05-02-06 | L Sheep Acclim Pond | Imnaha River |
| Nez Perce Tribe Total | | | | | 348,500 | | | | |
| Oregon Dept. of Fish and Wildlife | Irrigon Hatchery Complex | ST | SU | 2006 | 100,000 | 05-02-06 | 05-12-06 | Big Canyon Acclim.Pd (Grande Ronde) | Grande Ronde River |
| Oregon Dept. of Fish and Wildlife | Irrigon Hatchery Complex | ST | SU | 2006 | 174,000 | 04-29-06 | 05-11-06 | Wallowa Acclim Pond | Wallowa River |
| Oregon Dept. of Fish and Wildlife | Umatilla Hatchery | CH0 | FA | 2006 | 400,000 | 05-08-06 | 05-10-06 | Hells Canyon Dam | Snake River |
| Oregon Dept. of Fish and Wildlife Total | | | | | 674,000 | | | | |
| U.S. Fish and Wildlife Service | Hagerman NFH | ST | SU | 2006 | 100,000 | 05-08-06 | 05-12-06 | East Fk Salmon River | Salmon River (ID) |
| U.S. Fish and Wildlife Service | Hagerman NFH | ST | SU | 2006 | 240,000 | 05-08-06 | 05-10-06 | Yankee Fk (Salmon R) | Salmon River (ID) |
| U.S. Fish and Wildlife Service | Hagerman NFH | ST | SU | 2006 | 850,000 | 04-14-06 | 05-05-06 | Salmon River (ID) | Salmon River (ID) |
| U.S. Fish and Wildlife Service | Spring Creek NFH | CH0 | FA | 2006 | 3,421,008 | 05-05-06 | 05-05-06 | Spring Creek Hatchery | L Col R (D/s McN Dam) |
| U.S. Fish and Wildlife Service | Winthrop NFH | CO | UN | 2006 | 42,000 | 04-20-06 | 04-30-06 | Winthrop Hatchery | Methow River |
| U.S. Fish and Wildlife Service | Winthrop NFH | CO | UN | 2006 | 75,000 | 04-20-06 | 04-30-06 | Winthrop Hatchery | Methow River |
| U.S. Fish and Wildlife Service | Winthrop NFH | CO | UN | 2006 | 194,000 | 04-20-06 | 04-30-06 | Winthrop Hatchery | Methow River |
| U.S. Fish and Wildlife Service | Winthrop NFH | ST | SU | 2006 | 102,000 | 04-14-06 | 04-30-06 | Winthrop Hatchery | Methow River |
| U.S. Fish and Wildlife Service Total | | | | | 5,024,008 | | | | |
| Umatilla Tribe | Bonneville Hatchery | CH1 | FA | 2006 | 244,295 | 04-15-06 | 04-30-06 | Thornhollow Acclim Pond | Umatilla River |
| Umatilla Tribe | Little White Salmon NFH | CH1 | SP | 2006 | 182,284 | 04-15-06 | 04-30-06 | Imeques Acclim Pond | Umatilla River |
| Umatilla Tribe | Umatilla Hatchery | ST | SU | 2006 | 45,000 | 04-30-06 | 05-15-06 | Bonifer Acclim Pond | Umatilla River |
| Umatilla Tribe | Umatilla Hatchery | ST | SU | 2006 | 45,000 | 04-30-06 | 05-15-06 | Pendelton Acclim Pond | Umatilla River |
| Umatilla Tribe | Umatilla Hatchery | ST | SU | 2006 | 45,000 | 04-30-06 | 05-15-06 | Thornhollow Acclim Pond | Umatilla River |
| Umatilla Tribe Total | | | | | 561,579 | | | | |
| Warm Springs Tribe | Oak Springs Hatchery | ST | SU | 2006 | 2,000 | 05-10-06 | 05-11-06 | Hood River | Hood River |
| Warm Springs Tribe | Oak Springs Hatchery | ST | SU | 2006 | 20,000 | 04-28-06 | 05-10-06 | W Fk Hood River | Hood River |
| Warm Springs Tribe | Round Butte Hatchery | CH1 | SP | 2006 | 1,900 | 05-08-06 | 05-09-06 | Hood River | Hood River |
| Warm Springs Tribe | Round Butte Hatchery | CH1 | SP | 2006 | 1,900 | 05-09-06 | 05-10-06 | Hood River | Hood River |
| Warm Springs Tribe | Round Butte Hatchery | CH1 | SP | 2006 | 23,000 | 04-25-06 | 05-08-06 | W Fk Hood River | Hood River |
| Warm Springs Tribe | Round Butte Hatchery | CH1 | SP | 2006 | 23,000 | 04-25-06 | 05-08-06 | W Fk Hood River | Hood River |
| Warm Springs Tribe | Round Butte Hatchery | CH1 | SP | 2006 | 33,000 | 03-21-06 | 05-04-06 | Parkdale Acclim Pond | Hood River |
| Warm Springs Tribe Total | | | | | 104,800 | | | | |
| Washington Dept. of Fish and Wildlife | Chiwawa Hatchery | CH1 | SP | 2006 | 201,012 | 04-17-06 | 04-30-06 | Chiwawa Hatchery | Wenatchee River |
| Washington Dept. of Fish and Wildlife | Lyons Ferry Hatchery | ST | SU | 2006 | 50,000 | 04-15-06 | 04-30-06 | Baileysburg Bridge | Touchet River |
| Washington Dept. of Fish and Wildlife | Lyons Ferry Hatchery | ST | SU | 2006 | 60,000 | 04-15-06 | 04-30-06 | Lyons Ferry Hatchery | Snake River |
| Washington Dept. of Fish and Wildlife | Lyons Ferry Hatchery | ST | SU | 2006 | 85,000 | 04-15-06 | 04-30-06 | Dayton Acclim Pond | Touchet River |
| Washington Dept. of Fish and Wildlife | Lyons Ferry Hatchery | ST | SU | 2006 | 100,000 | 04-15-06 | 04-30-06 | Tucannon River | Tucannon River |
| Washington Dept. of Fish and Wildlife | Lyons Ferry Hatchery | ST | SU | 2006 | 100,000 | 04-15-06 | 04-30-06 | Walla Walla River | Walla Walla River |
| Washington Dept. of Fish and Wildlife | Lyons Ferry Hatchery | ST | SU | 2006 | 160,000 | 04-15-06 | 04-30-06 | Cottonwood Acclim Pond | Grande Ronde River |
| Washington Dept. of Fish and Wildlife | Ringold Springs Hatchery | CH0 | SP | 2006 | 480,000 | 04-10-06 | 04-30-06 | Ringold Springs Hatchery | Mid-Columbia River |
| Washington Dept. of Fish and Wildlife | Ringold Springs Hatchery | ST | SU | 2006 | 280,000 | 04-10-06 | 04-30-06 | Ringold Springs Hatchery | Mid-Columbia River |
| Washington Dept. of Fish and Wildlife | Skamania Hatchery | ST | SU | 2006 | 15,383 | 05-01-06 | 05-01-06 | Klickitat River | Klickitat River |
| Washington Dept. of Fish and Wildlife | Skamania Hatchery | ST | WI | 2006 | 5,003 | 05-02-06 | 05-02-06 | White Salmon River | White Salmon River |
| Washington Dept. of Fish and Wildlife | Tucannon Hatchery | ST | SU | 2006 | 65,000 | 04-03-06 | 04-30-06 | Tucannon River | Tucannon River |
| Washington Dept. of Fish and Wildlife Total | | | | | 1,601,398 | | | | |
| Yakama Tribe | Cle Elem Hatchery | CH1 | SP | 2006 | 231,551 | 03-15-06 | 05-14-06 | Jack Creek Acclim Pond | Yakima River |
| Yakama Tribe | Cle Elem Hatchery | CH1 | SP | 2006 | 273,636 | 03-15-06 | 05-14-06 | Easton Pond | Yakima River |
| Yakama Tribe | Cle Elem Hatchery | CH1 | SP | 2006 | 280,667 | 03-15-06 | 05-14-06 | Clark Flat Acclim Pond | Yakima River |
| Yakama Tribe | Leavenworth NFH | CO | UN | 2006 | 34,112 | 04-26-06 | 05-15-06 | Nason Creek | Wenatchee River |
| Yakama Tribe | Leavenworth NFH | CO | UN | 2006 | 108,064 | 04-26-06 | 05-15-06 | Maher Creek Acclim. Pond | Wenatchee River |
| Yakama Tribe | Leavenworth NFH | CO | UN | 2006 | 108,574 | 04-26-06 | 05-15-06 | Coulter Creek | Wenatchee River |
| Yakama Tribe | Wells Hatchery | CO | UN | 2006 | 149,804 | 04-19-06 | 04-30-06 | Wells Hatchery | Mid-Columbia River |
| Yakama Tribe | Winthrop NFH | CO | UN | 2006 | 74,800 | 04-19-06 | 04-30-06 | Winthrop Hatchery | Methow River |
| Yakama Tribe | Winthrop NFH | CO | UN | 2006 | 245,241 | 03-19-06 | 04-30-06 | Winthrop Hatchery | Methow River |
| Yakama Tribe Total | | | | | 1,506,449 | | | | |
| Grand Total | | | | | 10,290,734 | | | | |

HATCHERY RELEASE NEXT TWO WEEKS

| Hatchery Release Summary | | | | | | | | | |
|--|--------------------------|-----------|------|-----------|------------------|----------|----------|--|--------------------|
| From: | | 5/12/2006 | to | 5/25/2006 | | | | | |
| Agency | Hatchery | Species | Race | MigYr | NumRel | RelStart | RelEnd | RelSite | RelRiver |
| National Marine Fisheries Service | Lyons Ferry Hatchery | CH0 | FA | 2006 | 230,000 | 05-15-06 | 06-02-06 | Cpt John Acclim Pond | Snake River |
| National Marine Fisheries Service Total | | | | | 230,000 | | | | |
| Oregon Dept. of Fish and Wildlife | Irrigon Hatchery Complex | ST | SU | 2006 | 100,000 | 05-02-06 | 05-12-06 | Big Canyon Acclim.Pd (Grande Ronde) | Grande Ronde River |
| Oregon Dept. of Fish and Wildlife Total | | | | | 100,000 | | | | |
| U.S. Fish and Wildlife Service | Hagerman NFH | ST | SU | 2006 | 100,000 | 05-08-06 | 05-12-06 | East Fk Salmon River | Salmon River (ID) |
| U.S. Fish and Wildlife Service Total | | | | | 100,000 | | | | |
| Umatilla Tribe | Umatilla Hatchery | ST | SU | 2006 | 45,000 | 04-30-06 | 05-15-06 | Bonifer Acclim Pond | Umatilla River |
| Umatilla Tribe | Umatilla Hatchery | ST | SU | 2006 | 45,000 | 04-30-06 | 05-15-06 | Pendelton Acclim Pond | Umatilla River |
| Umatilla Tribe | Umatilla Hatchery | ST | SU | 2006 | 45,000 | 04-30-06 | 05-15-06 | Thornhollow Acclim Pond | Umatilla River |
| Umatilla Tribe Total | | | | | 135,000 | | | | |
| Washington Dept. of Fish and Wildlife | Lyons Ferry Hatchery | CH0 | FA | 2006 | 400,000 | 05-24-06 | 06-01-06 | Grande Ronde River | Grande Ronde River |
| Washington Dept. of Fish and Wildlife Total | | | | | 400,000 | | | | |
| Yakama Tribe | Cle Elem Hatchery | CH1 | SP | 2006 | 231,551 | 03-15-06 | 05-14-06 | Jack Creek Acclim Pond | Yakima River |
| Yakama Tribe | Cle Elem Hatchery | CH1 | SP | 2006 | 273,636 | 03-15-06 | 05-14-06 | Easton Pond | Yakima River |
| Yakama Tribe | Cle Elem Hatchery | CH1 | SP | 2006 | 280,667 | 03-15-06 | 05-14-06 | Clark Flat Acclim Pond | Yakima River |
| Yakama Tribe | Leavenworth NFH | CO | UN | 2006 | 34,112 | 04-26-06 | 05-15-06 | Nason Creek | Wenatchee River |
| Yakama Tribe | Leavenworth NFH | CO | UN | 2006 | 108,064 | 04-26-06 | 05-15-06 | Maher Creek Acclim. Pond | Wenatchee River |
| Yakama Tribe | Leavenworth NFH | CO | UN | 2006 | 108,574 | 04-26-06 | 05-15-06 | Coulter Creek | Wenatchee River |
| Yakama Tribe Total | | | | | 1,036,604 | | | | |
| Grand Total | | | | | 2,001,604 | | | | |

Gas Bubble Trauma Monitoring Results from Representative Sites on the Snake River and Columbia River

| Site | Date | Species | Number of Fish | Number w GBT signs | Number w Fin Signs | % Fin GBT | % Severe Fin GBT | Number of Fish with Fin GBT Listed by Highest Rank | | | |
|-----------------------------|----------|---------------------|----------------|--------------------|--------------------|-----------|------------------|--|--------|--------|--------|
| | | | | | | | | Rank 1 | Rank 2 | Rank 3 | Rank 4 |
| Lower Granite Dam | | | | | | | | | | | |
| | 05/09/06 | Chinook + Steelhead | 100 | 2 | 2 | 2.00% | 0.00% | 2 | 0 | 0 | 0 |
| Little Goose Dam | | | | | | | | | | | |
| | 05/02/06 | Chinook + Steelhead | 100 | 0 | 0 | 0.00% | 0.00% | 0 | 0 | 0 | 0 |
| | 05/09/06 | Chinook + Steelhead | 100 | 4 | 4 | 4.00% | 0.00% | 4 | 0 | 0 | 0 |
| Lower Monumental Dam | | | | | | | | | | | |
| | 05/08/06 | Chinook + Steelhead | 100 | 1 | 1 | 1.00% | 0.00% | 1 | 0 | 0 | 0 |
| McNary Dam | | | | | | | | | | | |
| | 05/04/06 | Chinook + Steelhead | 100 | 0 | 0 | 0.00% | 0.00% | 0 | 0 | 0 | 0 |
| | 05/08/06 | Chinook + Steelhead | 100 | 0 | 0 | 0.00% | 0.00% | 0 | 0 | 0 | 0 |
| Bonneville Dam | | | | | | | | | | | |
| | 05/02/06 | Chinook + Steelhead | 100 | 0 | 0 | 0.00% | 0.00% | 0 | 0 | 0 | 0 |
| | 05/05/06 | Chinook + Steelhead | 100 | 0 | 0 | 0.00% | 0.00% | 0 | 0 | 0 | 0 |
| | 05/09/06 | Chinook + Steelhead | 100 | 0 | 0 | 0.00% | 0.00% | 0 | 0 | 0 | 0 |
| Rock Island Dam | | | | | | | | | | | |
| | 05/04/06 | Chinook + Steelhead | 100 | 5 | 5 | 5.00% | 0.00% | 5 | 0 | 0 | 0 |
| | 05/11/06 | Chinook + Steelhead | 99 | 3 | 3 | 3.03% | 0.00% | 3 | 0 | 0 | 0 |

Total Dissolved Gas Saturation (%) - Average of 12 Highest Hours, 24 h Average and 24 h High

Total Dissolved Gas Saturation Data at Upper Columbia River Sites

| Date | Hungry H. Dnst | | | Boundary | | | Grand Coulee | | | Grand C. Tlwr | | | Chief Joseph | | | | | | | |
|------|----------------|------|------|----------|------|------|--------------|------|------|---------------|------|------|--------------|------|------|----|-----|-----|-----|----|
| | 24 h | 12 h | # | 24 h | 12 h | # | 24 h | 12 h | # | 24 h | 12 h | # | 24 h | 12 h | # | | | | | |
| | Avg | Avg | High | Avg | Avg | High | Avg | Avg | High | Avg | Avg | High | Avg | Avg | High | | | | | |
| 4/28 | --- | --- | --- | 0 | 119 | 120 | 121 | 24 | 108 | 109 | 111 | 24 | 105 | 106 | 107 | 24 | 106 | 106 | 107 | 24 |
| 4/29 | --- | --- | --- | 0 | 120 | 121 | 121 | 25 | 110 | 111 | 112 | 24 | 107 | 108 | 109 | 25 | 106 | 107 | 107 | 24 |
| 4/30 | --- | --- | --- | 0 | --- | --- | --- | 0 | --- | --- | --- | 0 | --- | --- | --- | 0 | --- | --- | --- | 0 |
| 5/1 | --- | --- | --- | 0 | 122 | 122 | 123 | 24 | 110 | 110 | 110 | 24 | 108 | 108 | 109 | 24 | 106 | 107 | 107 | 24 |
| 5/2 | --- | --- | --- | 0 | 121 | 122 | 122 | 24 | 109 | 109 | 109 | 24 | 107 | 108 | 108 | 24 | 106 | 106 | 106 | 16 |
| 5/3 | --- | --- | --- | 0 | 121 | 122 | 123 | 22 | 110 | 110 | 111 | 22 | 108 | 108 | 109 | 22 | 107 | 107 | 107 | 24 |
| 5/4 | --- | --- | --- | 0 | 121 | 122 | 124 | 24 | 111 | 112 | 113 | 24 | 109 | 110 | 111 | 24 | 107 | 108 | 108 | 24 |
| 5/5 | --- | --- | --- | 0 | 122 | 122 | 123 | 24 | 113 | 114 | 115 | 24 | 111 | 112 | 112 | 24 | 109 | 110 | 110 | 24 |
| 5/6 | --- | --- | --- | 0 | 121 | 122 | 123 | 24 | 114 | 114 | 115 | 24 | 111 | 112 | 112 | 24 | 110 | 110 | 110 | 23 |
| 5/7 | --- | --- | --- | 0 | 122 | 122 | 123 | 24 | 114 | 114 | 114 | 24 | 112 | 113 | 113 | 24 | 110 | 110 | 111 | 24 |
| 5/8 | --- | --- | --- | 0 | 121 | 122 | 122 | 24 | 113 | 113 | 114 | 24 | 111 | 111 | 112 | 24 | 110 | 110 | 110 | 24 |
| 5/9 | --- | --- | --- | 0 | 121 | 122 | 123 | 24 | 112 | 112 | 112 | 24 | 110 | 110 | 111 | 24 | 109 | 110 | 110 | 24 |
| 5/10 | --- | --- | --- | 0 | 121 | 122 | 123 | 24 | 112 | 113 | 113 | 24 | 110 | 110 | 111 | 24 | 110 | 110 | 110 | 24 |
| 5/11 | --- | --- | --- | 0 | 122 | 122 | 122 | 24 | 113 | 114 | 114 | 24 | 112 | 112 | 113 | 24 | 110 | 110 | 110 | 7 |

Total Dissolved Gas Saturation Data at Mid Columbia River Sites

| Date | Chief J. Dnst | | | Wells | | | Wells Dwnstrm | | | Rocky Reach | | | Rocky R. Tlwr | | | | | | | |
|------|---------------|------|------|-------|------|------|---------------|------|------|-------------|------|------|---------------|------|------|----|-----|-----|-----|----|
| | 24 h | 12 h | # | 24 h | 12 h | # | 24 h | 12 h | # | 24 h | 12 h | # | 24 h | 12 h | # | | | | | |
| | Avg | Avg | High | Avg | Avg | High | Avg | Avg | High | Avg | Avg | High | Avg | Avg | High | | | | | |
| 4/28 | 105 | 106 | 107 | 24 | 105 | 105 | 106 | 24 | 107 | 108 | 113 | 24 | 107 | 107 | 108 | 24 | 107 | 107 | 108 | 24 |
| 4/29 | 106 | 106 | 107 | 23 | 106 | 106 | 106 | 24 | 109 | 110 | 113 | 25 | 108 | 108 | 109 | 25 | 109 | 111 | 115 | 25 |
| 4/30 | --- | --- | --- | 0 | --- | --- | --- | 0 | --- | --- | --- | 0 | --- | --- | --- | 0 | --- | --- | --- | 0 |
| 5/1 | 106 | 106 | 107 | 22 | 105 | 106 | 106 | 24 | 108 | 109 | 116 | 24 | 107 | 107 | 107 | 24 | 109 | 111 | 114 | 24 |
| 5/2 | 105 | 105 | 106 | 15 | 104 | 105 | 106 | 24 | 107 | 108 | 113 | 24 | 106 | 107 | 109 | 24 | 109 | 111 | 112 | 24 |
| 5/3 | 106 | 106 | 107 | 24 | 106 | 106 | 106 | 24 | 108 | 109 | 114 | 24 | 109 | 109 | 109 | 24 | 111 | 112 | 113 | 24 |
| 5/4 | 107 | 107 | 108 | 24 | 106 | 107 | 108 | 24 | 108 | 109 | 109 | 24 | 109 | 109 | 110 | 24 | 112 | 113 | 114 | 24 |
| 5/5 | 109 | 109 | 110 | 24 | 108 | 108 | 109 | 24 | 112 | 115 | 123 | 24 | 109 | 109 | 109 | 24 | 110 | 111 | 113 | 24 |
| 5/6 | 110 | 110 | 111 | 24 | 109 | 109 | 109 | 24 | 113 | 116 | 123 | 24 | 109 | 109 | 109 | 24 | 110 | 110 | 110 | 24 |
| 5/7 | 109 | 110 | 110 | 24 | 108 | 109 | 109 | 24 | 110 | 110 | 111 | 24 | 109 | 109 | 109 | 24 | 110 | 110 | 110 | 24 |
| 5/8 | 109 | 109 | 109 | 24 | 108 | 108 | 108 | 24 | 112 | 115 | 117 | 24 | 108 | 109 | 109 | 24 | 109 | 110 | 110 | 24 |
| 5/9 | 109 | 109 | 109 | 23 | 107 | 108 | 108 | 21 | 112 | 114 | 119 | 21 | 108 | 109 | 110 | 24 | 109 | 110 | 111 | 24 |
| 5/10 | 109 | 109 | 110 | 24 | 108 | 109 | 109 | 24 | 110 | 111 | 113 | 24 | 111 | 112 | 112 | 24 | 112 | 112 | 113 | 24 |
| 5/11 | 110 | 110 | 110 | 7 | 109 | 110 | 110 | 24 | 111 | 112 | 114 | 24 | 113 | 114 | 114 | 24 | 113 | 114 | 116 | 24 |

Total Dissolved Gas Saturation at Mid Columbia River Sites

| Date | Rock Island | | | Rock I. Tlwr | | | Wanapum | | | Wanapum Tlwr | | | Priest Rapids | | | | | | | |
|------|-------------|------|------|--------------|------|------|---------|------|------|--------------|------|------|---------------|------|------|----|-----|-----|-----|----|
| | 24 h | 12 h | # | 24 h | 12 h | # | 24 h | 12 h | # | 24 h | 12 h | # | 24 h | 12 h | # | | | | | |
| | Avg | Avg | High | Avg | Avg | High | Avg | Avg | High | Avg | Avg | High | Avg | Avg | High | | | | | |
| 4/28 | 107 | 108 | 108 | 24 | 116 | 116 | 116 | 24 | 114 | 115 | 118 | 23 | 115 | 117 | 118 | 23 | 114 | 116 | 117 | 23 |
| 4/29 | 108 | 109 | 111 | 25 | 113 | 115 | 116 | 25 | 114 | 115 | 116 | 23 | 116 | 117 | 119 | 15 | 116 | 117 | 119 | 23 |
| 4/30 | --- | --- | --- | 0 | --- | --- | --- | 0 | 109 | 110 | 111 | 23 | --- | --- | --- | 0 | 109 | 110 | 111 | 23 |
| 5/1 | 108 | 110 | 113 | 24 | 115 | 115 | 116 | 24 | 109 | 109 | 110 | 23 | 115 | 117 | 119 | 16 | 110 | 111 | 113 | 23 |
| 5/2 | 110 | 111 | 112 | 24 | 115 | 116 | 116 | 24 | 112 | 113 | 115 | 23 | 117 | 119 | 120 | 23 | 113 | 115 | 119 | 23 |
| 5/3 | 112 | 112 | 112 | 24 | 116 | 116 | 117 | 24 | 111 | 112 | 113 | 23 | 116 | 118 | 122 | 23 | 116 | 117 | 118 | 23 |
| 5/4 | 112 | 113 | 113 | 24 | 109 | 117 | 117 | 24 | 114 | 115 | 117 | 23 | 115 | 116 | 117 | 23 | 115 | 116 | 117 | 23 |
| 5/5 | 113 | 113 | 114 | 24 | 101 | 101 | 101 | 24 | 116 | 117 | 118 | 23 | 117 | 119 | 122 | 23 | 116 | 118 | 120 | 23 |
| 5/6 | 113 | 113 | 113 | 24 | 101 | 101 | 101 | 24 | 114 | 115 | 116 | 23 | 119 | 121 | 125 | 23 | 116 | 117 | 120 | 23 |
| 5/7 | 113 | 113 | 113 | 24 | 101 | 101 | 101 | 24 | 112 | 113 | 113 | 23 | 115 | 117 | 118 | 23 | 115 | 116 | 117 | 23 |
| 5/8 | 111 | 113 | 113 | 24 | 107 | 112 | 115 | 24 | 110 | 111 | 112 | 23 | 115 | 117 | 119 | 23 | 111 | 112 | 113 | 23 |
| 5/9 | 108 | 109 | 110 | 24 | 113 | 114 | 115 | 24 | 112 | 114 | 116 | 23 | 115 | 118 | 122 | 23 | 112 | 114 | 115 | 23 |
| 5/10 | 111 | 112 | 113 | 24 | 115 | 116 | 117 | 24 | 113 | 114 | 115 | 23 | 115 | 117 | 121 | 23 | 116 | 119 | 121 | 23 |
| 5/11 | 112 | 113 | 114 | 24 | 116 | 117 | 117 | 24 | 113 | 113 | 114 | 23 | 115 | 117 | 119 | 23 | 115 | 116 | 117 | 23 |

Total Dissolved Gas Saturation (%) - Average of 12 Highest Hours, 24 h Average and 24 h High

Total Dissolved Gas Saturation Data at Lower Columbia and Snake River Sites

| Date | <u>Priest R. Dnst</u> | | | <u>Pasco</u> | | | <u>Dworshak</u> | | | <u>Clrwtr-Peck</u> | | | <u>Anatone</u> | | | # | | | | |
|------|-----------------------|-------------|-------------|--------------|-------------|-------------|-----------------|-------------|-------------|--------------------|-------------|-------------|----------------|-------------|-------------|----|------------|------------|-----|----|
| | <u>24 h</u> | <u>12 h</u> | <u>High</u> | <u>24 h</u> | <u>12 h</u> | <u>High</u> | <u>24 h</u> | <u>12 h</u> | <u>High</u> | <u>24 h</u> | <u>12 h</u> | <u>High</u> | <u>24 h</u> | <u>12 h</u> | <u>High</u> | | | | | |
| | <u>Avg</u> | <u>Avg</u> | | <u>Avg</u> | <u>Avg</u> | | <u>Avg</u> | <u>Avg</u> | | <u>Avg</u> | <u>Avg</u> | | <u>Avg</u> | <u>Avg</u> | | | <u>Avg</u> | <u>Avg</u> | | |
| 4/28 | 120 | 121 | 121 | 23 | 115 | 116 | 117 | 24 | 108 | 108 | 108 | 24 | 104 | 105 | 105 | 24 | 108 | 109 | 109 | 24 |
| 4/29 | 120 | 121 | 122 | 23 | 115 | 116 | 117 | 25 | 108 | 108 | 109 | 24 | 104 | 105 | 105 | 24 | 108 | 108 | 109 | 23 |
| 4/30 | 118 | 118 | 120 | 23 | --- | --- | --- | 0 | --- | --- | --- | 0 | --- | --- | --- | 0 | --- | --- | --- | 0 |
| 5/1 | 113 | 114 | 119 | 23 | 112 | 113 | 114 | 24 | 100 | 101 | 107 | 24 | 102 | 103 | 103 | 24 | 108 | 109 | 111 | 24 |
| 5/2 | 115 | 117 | 120 | 23 | 108 | 110 | 110 | 24 | 99 | 100 | 100 | 24 | 101 | 102 | 103 | 24 | 107 | 108 | 108 | 24 |
| 5/3 | 118 | 119 | 119 | 23 | 112 | 114 | 114 | 24 | 99 | 99 | 100 | 24 | 101 | 102 | 103 | 24 | 107 | 108 | 109 | 21 |
| 5/4 | 116 | 116 | 117 | 23 | 113 | 114 | 114 | 24 | 99 | 100 | 102 | 24 | 101 | 102 | 103 | 24 | 108 | 108 | 109 | 24 |
| 5/5 | 115 | 116 | 117 | 23 | --- | --- | --- | 0 | 101 | 102 | 103 | 23 | 102 | 103 | 104 | 23 | 108 | 109 | 109 | 24 |
| 5/6 | 117 | 118 | 119 | 23 | 111 | 112 | 113 | 24 | 102 | 102 | 103 | 24 | 102 | 103 | 103 | 24 | 107 | 108 | 109 | 24 |
| 5/7 | 115 | 115 | 116 | 23 | 110 | 111 | 112 | 24 | 101 | 102 | 102 | 24 | 101 | 101 | 102 | 24 | 107 | 107 | 107 | 24 |
| 5/8 | 111 | 112 | 113 | 23 | 109 | 110 | 111 | 24 | 100 | 100 | 102 | 24 | 101 | 102 | 102 | 24 | 107 | 108 | 108 | 24 |
| 5/9 | 113 | 114 | 117 | 23 | 108 | 110 | 111 | 24 | 100 | 100 | 101 | 24 | 101 | 102 | 103 | 24 | 107 | 107 | 108 | 24 |
| 5/10 | 115 | 117 | 117 | 23 | 111 | 112 | 113 | 24 | 100 | 101 | 102 | 24 | 102 | 103 | 104 | 24 | 106 | 107 | 108 | 24 |
| 5/11 | 114 | 115 | 116 | 23 | 112 | 113 | 114 | 24 | 102 | 102 | 103 | 24 | 102 | 102 | 103 | 24 | 106 | 106 | 107 | 24 |

Total Dissolved Gas Saturation Data at Snake River Sites

| Date | <u>Clrwtr-Lewiston</u> | | | <u>Lower Granite</u> | | | <u>L. Granite Tlwr</u> | | | <u>Little Goose</u> | | | <u>L. Goose Tlwr</u> | | | # | | | | |
|------|------------------------|-------------|-------------|----------------------|-------------|-------------|------------------------|-------------|-------------|---------------------|-------------|-------------|----------------------|-------------|-------------|----|------------|------------|-----|----|
| | <u>24 h</u> | <u>12 h</u> | <u>High</u> | <u>24 h</u> | <u>12 h</u> | <u>High</u> | <u>24 h</u> | <u>12 h</u> | <u>High</u> | <u>24 h</u> | <u>12 h</u> | <u>High</u> | <u>24 h</u> | <u>12 h</u> | <u>High</u> | | | | | |
| | <u>Avg</u> | <u>Avg</u> | | <u>Avg</u> | <u>Avg</u> | | <u>Avg</u> | <u>Avg</u> | | <u>Avg</u> | <u>Avg</u> | | <u>Avg</u> | <u>Avg</u> | | | <u>Avg</u> | <u>Avg</u> | | |
| 4/28 | 103 | 104 | 106 | 24 | 107 | 107 | 108 | 24 | 117 | 117 | 118 | 24 | 113 | 115 | 115 | 24 | 115 | 116 | 116 | 24 |
| 4/29 | 103 | 104 | 105 | 24 | 108 | 108 | 108 | 24 | 118 | 119 | 120 | 24 | 115 | 115 | 116 | 24 | 116 | 116 | 117 | 24 |
| 4/30 | --- | --- | --- | 0 | --- | --- | --- | 0 | --- | --- | --- | 0 | --- | --- | --- | 0 | --- | --- | --- | 0 |
| 5/1 | 101 | 102 | 103 | 24 | 106 | 106 | 106 | 24 | 123 | 124 | 124 | 24 | 112 | 112 | 113 | 24 | 117 | 118 | 119 | 24 |
| 5/2 | 101 | 102 | 103 | 24 | 105 | 105 | 106 | 24 | 121 | 122 | 124 | 24 | 114 | 115 | 115 | 24 | 117 | 117 | 118 | 24 |
| 5/3 | 101 | 102 | 104 | 24 | 106 | 106 | 107 | 24 | 120 | 120 | 120 | 24 | 116 | 117 | 118 | 24 | 118 | 118 | 119 | 24 |
| 5/4 | 102 | 103 | 104 | 24 | 106 | 107 | 107 | 24 | 119 | 119 | 120 | 24 | 117 | 117 | 117 | 24 | 118 | 118 | 118 | 24 |
| 5/5 | 102 | 104 | 105 | 23 | 107 | 107 | 107 | 24 | 117 | 118 | 119 | 24 | 117 | 117 | 119 | 24 | 118 | 118 | 118 | 24 |
| 5/6 | 102 | 103 | 104 | 24 | 107 | 107 | 108 | 24 | 117 | 117 | 118 | 24 | 116 | 117 | 117 | 24 | 117 | 118 | 118 | 24 |
| 5/7 | 101 | 101 | 101 | 24 | 106 | 106 | 107 | 24 | 117 | 117 | 117 | 24 | 112 | 113 | 114 | 24 | 114 | 115 | 116 | 24 |
| 5/8 | 101 | 102 | 103 | 24 | 105 | 105 | 105 | 24 | 117 | 118 | 120 | 24 | 110 | 110 | 111 | 24 | 113 | 114 | 114 | 24 |
| 5/9 | 101 | 103 | 104 | 24 | 104 | 104 | 104 | 24 | 115 | 116 | 117 | 24 | 110 | 110 | 111 | 24 | 115 | 115 | 116 | 24 |
| 5/10 | 102 | 103 | 105 | 24 | 105 | 105 | 106 | 24 | 112 | 114 | 116 | 24 | 111 | 111 | 112 | 24 | 116 | 116 | 117 | 24 |
| 5/11 | 102 | 102 | 103 | 24 | 107 | 107 | 107 | 24 | 111 | 111 | 111 | 24 | 112 | 112 | 115 | 24 | 115 | 115 | 118 | 24 |

Total Dissolved Gas Saturation Data at Snake and Lower Columbia River Sites

| Date | <u>Lower Mon.</u> | | | <u>L. Mon. Tlwr</u> | | | <u>Ice Harbor</u> | | | <u>Ice Harbor Tlwr</u> | | | <u>McNary-Oregon</u> | | | # | | | | |
|------|-------------------|-------------|-------------|---------------------|-------------|-------------|-------------------|-------------|-------------|------------------------|-------------|-------------|----------------------|-------------|-------------|----|------------|------------|-----|---|
| | <u>24 h</u> | <u>12 h</u> | <u>High</u> | <u>24 h</u> | <u>12 h</u> | <u>High</u> | <u>24 h</u> | <u>12 h</u> | <u>High</u> | <u>24 h</u> | <u>12 h</u> | <u>High</u> | <u>24 h</u> | <u>12 h</u> | <u>High</u> | | | | | |
| | <u>Avg</u> | <u>Avg</u> | | <u>Avg</u> | <u>Avg</u> | | <u>Avg</u> | <u>Avg</u> | | <u>Avg</u> | <u>Avg</u> | | <u>Avg</u> | <u>Avg</u> | | | <u>Avg</u> | <u>Avg</u> | | |
| 4/28 | 115 | 116 | 116 | 24 | 117 | 118 | 118 | 24 | 114 | 114 | 115 | 24 | 117 | 118 | 119 | 24 | --- | --- | --- | 0 |
| 4/29 | 116 | 117 | 117 | 24 | 117 | 118 | 119 | 24 | 115 | 116 | 116 | 24 | 117 | 118 | 118 | 24 | --- | --- | --- | 0 |
| 4/30 | 114 | 114 | 115 | 24 | 117 | 118 | 119 | 24 | 113 | 113 | 114 | 24 | 118 | 118 | 119 | 24 | --- | --- | --- | 0 |
| 5/1 | 114 | 114 | 114 | 24 | 117 | 118 | 119 | 24 | 113 | 113 | 114 | 24 | 120 | 121 | 122 | 24 | --- | --- | --- | 0 |
| 5/2 | 114 | 115 | 117 | 24 | 116 | 118 | 119 | 24 | 113 | 113 | 114 | 24 | 119 | 120 | 121 | 24 | --- | --- | --- | 0 |
| 5/3 | 117 | 117 | 118 | 24 | 118 | 118 | 119 | 24 | 115 | 115 | 115 | 24 | 118 | 119 | 120 | 24 | --- | --- | --- | 0 |
| 5/4 | 116 | 117 | 117 | 24 | 117 | 117 | 118 | 24 | 115 | 116 | 116 | 24 | 117 | 117 | 117 | 24 | --- | --- | --- | 0 |
| 5/5 | 117 | 118 | 118 | 24 | 117 | 117 | 118 | 24 | 116 | 116 | 117 | 24 | 117 | 117 | 118 | 24 | --- | --- | --- | 0 |
| 5/6 | 117 | 117 | 117 | 24 | 118 | 118 | 118 | 24 | 116 | 116 | 116 | 4 | 117 | 117 | 117 | 4 | --- | --- | --- | 0 |
| 5/7 | 115 | 115 | 116 | 24 | 118 | 118 | 118 | 24 | 114 | 114 | 115 | 21 | 117 | 118 | 120 | 21 | --- | --- | --- | 0 |
| 5/8 | 112 | 113 | 114 | 24 | 116 | 117 | 118 | 24 | 112 | 112 | 113 | 24 | 118 | 120 | 121 | 24 | --- | --- | --- | 0 |
| 5/9 | 111 | 111 | 112 | 24 | 115 | 116 | 116 | 24 | 111 | 111 | 112 | 24 | 118 | 119 | 121 | 24 | --- | --- | --- | 0 |
| 5/10 | 113 | 115 | 116 | 24 | 121 | 122 | 122 | 24 | 112 | 113 | 114 | 24 | 118 | 120 | 120 | 24 | --- | --- | --- | 0 |
| 5/11 | 116 | 117 | 118 | 24 | 121 | 122 | 122 | 24 | 115 | 115 | 116 | 24 | 117 | 118 | 120 | 24 | --- | --- | --- | 0 |

Total Dissolved Gas Saturation (%) - Average of 12 Highest Hours, 24 h Average and 24 h High

Total Dissolved Gas Saturation Data at Lower Columbia River Sites

| Date | <u>McNary-Wash</u> | | | <u>McNary Tlwr</u> | | | <u>John Day</u> | | | <u>John Day Tlwr</u> | | | <u>The Dalles</u> | | | | | | | |
|------|--------------------|-------------|-------------|--------------------|-------------|-------------|-----------------|----|------------|----------------------|-------------|----|-------------------|------------|-------------|----|------------|------------|-------------|----|
| | <u>24 h</u> | <u>12 h</u> | <u>High</u> | # | <u>24 h</u> | <u>12 h</u> | <u>High</u> | # | <u>24h</u> | <u>12h</u> | <u>High</u> | # | <u>24h</u> | <u>12h</u> | <u>High</u> | # | <u>24h</u> | <u>12h</u> | <u>High</u> | # |
| | <u>Avg</u> | <u>Avg</u> | | | <u>Avg</u> | <u>Avg</u> | | | <u>Avg</u> | <u>Avg</u> | | | <u>Avg</u> | <u>Avg</u> | | | <u>Avg</u> | <u>Avg</u> | | |
| 4/28 | 115 | 116 | 117 | 24 | 117 | 118 | 120 | 24 | 115 | 115 | 116 | 23 | 119 | 119 | 119 | 23 | 115 | 116 | 116 | 24 |
| 4/29 | 116 | 116 | 117 | 25 | 116 | 117 | 120 | 25 | 115 | 116 | 116 | 25 | 115 | 118 | 120 | 25 | 114 | 115 | 117 | 25 |
| 4/30 | --- | --- | --- | 0 | --- | --- | --- | 0 | --- | --- | --- | 0 | --- | --- | --- | 0 | --- | --- | --- | 0 |
| 5/1 | 111 | 112 | 112 | 24 | 119 | 120 | 120 | 24 | 112 | 112 | 113 | 24 | 115 | 116 | 121 | 24 | 112 | 112 | 114 | 24 |
| 5/2 | 111 | 112 | 114 | 24 | 120 | 120 | 121 | 24 | 109 | 110 | 110 | 24 | 119 | 121 | 122 | 24 | 115 | 116 | 119 | 24 |
| 5/3 | 111 | 112 | 112 | 24 | 120 | 120 | 122 | 24 | 110 | 111 | 112 | 24 | 120 | 120 | 120 | 24 | 116 | 117 | 118 | 24 |
| 5/4 | 112 | 114 | 115 | 24 | 119 | 120 | 120 | 24 | 112 | 113 | 114 | 24 | 119 | 119 | 119 | 24 | 114 | 115 | 116 | 24 |
| 5/5 | --- | --- | --- | 0 | --- | --- | --- | 0 | --- | --- | --- | 0 | --- | --- | --- | 0 | --- | --- | --- | 0 |
| 5/6 | 114 | 114 | 115 | 24 | 117 | 118 | 120 | 24 | 114 | 115 | 116 | 24 | 118 | 118 | 118 | 24 | 112 | 113 | 115 | 24 |
| 5/7 | 110 | 110 | 112 | 24 | 119 | 120 | 120 | 24 | 112 | 113 | 113 | 24 | 118 | 118 | 119 | 24 | 111 | 112 | 112 | 24 |
| 5/8 | 108 | 108 | 109 | 24 | 116 | 117 | 120 | 24 | 109 | 110 | 111 | 24 | 118 | 119 | 119 | 24 | 110 | 110 | 111 | 24 |
| 5/9 | 109 | 110 | 112 | 24 | 115 | 115 | 115 | 24 | 107 | 107 | 107 | 24 | 117 | 118 | 119 | 24 | 111 | 113 | 114 | 24 |
| 5/10 | 111 | 112 | 113 | 24 | 118 | 119 | 120 | 24 | 107 | 108 | 109 | 24 | 118 | 119 | 119 | 24 | 111 | 112 | 113 | 24 |
| 5/11 | 113 | 114 | 114 | 20 | 117 | 120 | 120 | 24 | 109 | 110 | 110 | 24 | 117 | 119 | 120 | 24 | 112 | 113 | 114 | 24 |

Total Dissolved Gas Saturation Data at Lower Columbia River Sites

| Date | <u>The Dalles Dnst</u> | | | <u>Bonneville</u> | | | <u>Warrendale</u> | | | <u>Camas\Washougal</u> | | | <u>Cascade Island</u> | | | | | | | |
|------|------------------------|-------------|-------------|-------------------|-------------|-------------|-------------------|----|------------|------------------------|-------------|----|-----------------------|------------|-------------|----|------------|------------|-------------|----|
| | <u>24 h</u> | <u>12 h</u> | <u>High</u> | # | <u>24 h</u> | <u>12 h</u> | <u>High</u> | # | <u>24h</u> | <u>12h</u> | <u>High</u> | # | <u>24h</u> | <u>12h</u> | <u>High</u> | # | <u>24h</u> | <u>12h</u> | <u>High</u> | # |
| | <u>Avg</u> | <u>Avg</u> | | | <u>Avg</u> | <u>Avg</u> | | | <u>Avg</u> | <u>Avg</u> | | | <u>Avg</u> | <u>Avg</u> | | | <u>Avg</u> | <u>Avg</u> | | |
| 4/28 | 118 | 118 | 119 | 22 | 116 | 117 | 118 | 24 | 117 | 117 | 117 | 24 | 116 | 117 | 117 | 24 | 119 | 119 | 119 | 17 |
| 4/29 | 121 | 121 | 121 | 1 | 115 | 117 | 117 | 25 | 116 | 117 | 117 | 24 | 115 | 116 | 116 | 25 | 120 | 120 | 121 | 18 |
| 4/30 | --- | --- | --- | 0 | --- | --- | --- | 0 | --- | --- | --- | 0 | --- | --- | --- | 0 | 119 | 120 | 121 | 14 |
| 5/1 | 115 | 115 | 116 | 8 | 111 | 111 | 112 | 24 | 114 | 114 | 115 | 23 | 111 | 112 | 113 | 24 | 121 | 122 | 128 | 17 |
| 5/2 | 119 | 120 | 121 | 24 | 113 | 114 | 117 | 24 | 117 | 117 | 118 | 23 | 114 | 116 | 117 | 24 | 122 | 123 | 124 | 17 |
| 5/3 | 120 | 120 | 120 | 24 | 118 | 119 | 120 | 24 | 120 | 120 | 120 | 23 | 117 | 118 | 119 | 24 | 122 | 122 | 124 | 17 |
| 5/4 | 118 | 119 | 119 | 24 | 119 | 119 | 120 | 24 | 120 | 120 | 120 | 23 | 118 | 119 | 119 | 24 | 124 | 124 | 124 | 17 |
| 5/5 | --- | --- | --- | 0 | --- | --- | --- | 0 | --- | --- | --- | 0 | --- | --- | --- | 0 | 120 | 121 | 121 | 17 |
| 5/6 | 117 | 117 | 118 | 24 | 114 | 115 | 116 | 24 | 115 | 115 | 116 | 23 | 114 | 115 | 115 | 24 | 119 | 119 | 120 | 17 |
| 5/7 | 116 | 117 | 117 | 24 | 112 | 112 | 113 | 24 | 113 | 113 | 113 | 23 | 112 | 112 | 113 | 24 | 120 | 120 | 120 | 17 |
| 5/8 | 115 | 116 | 116 | 24 | 111 | 111 | 112 | 24 | 112 | 113 | 114 | 23 | 111 | 111 | 112 | 24 | 120 | 121 | 122 | 17 |
| 5/9 | 116 | 118 | 119 | 24 | 113 | 114 | 114 | 24 | 114 | 114 | 114 | 23 | 112 | 113 | 114 | 24 | 120 | 121 | 122 | 17 |
| 5/10 | 117 | 118 | 118 | 24 | 115 | 116 | 118 | 24 | 115 | 116 | 116 | 23 | 114 | 115 | 115 | 24 | 120 | 120 | 121 | 17 |
| 5/11 | 117 | 117 | 118 | 24 | 115 | 116 | 117 | 24 | 116 | 116 | 117 | 23 | 115 | 116 | 116 | 24 | 119 | 120 | 120 | 17 |

Two-Week Summary of Passage Indices

* One or more of the sites on this date had an incomplete or biased sample.

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

For clip information see: <http://www.fpc.org/CurrentDaily/catch.htm>

For sockeye and yearling chinook (Snake only) race information see: <http://www.fpc.org/smoltqueries/currentsmppsubmitdata.asp>

| COMBINED YEARLING CHINOOK | | | | | | | | | | | | |
|----------------------------------|--------|---------------|---------------|---------------|---------------|------------------|------------------|----------------|---------------|----------------|------------------|------------------|
| | WTB | IMN | GRN | LEW | LGR | LGS | LMN | RIS | MCN | JDA | BO2 | |
| Date | (Coll) | (Coll) | (Coll) | (Coll) | (INDEX) | (INDEX) | (INDEX) | (INDEX) | (INDEX) | (INDEX) | (INDEX) | |
| 04/28/2006 | * | 1,559 | 43 | 215 | 1,114 | 90,137 | 83,360 | 34,965 | 232 | --- | 42,931 | 39,526 |
| 04/29/2006 | * | 733 | --- | 272 | 1,001 | 90,110 | 94,868 | 35,606 | 2,643 | 59,115 | 44,511 | 33,508 |
| 04/30/2006 | * | 577 | --- | 510 | 1,360 | 129,835 | 57,678 | 27,589 | 5,228 | --- | 50,872 | 33,432 |
| 05/01/2006 | * | --- | 3 | 232 | 530 | 194,703 | 104,256 | 36,196 | 1,952 | 65,897 | 62,283 | 51,971 |
| 05/02/2006 | * | --- | 10 | 4 | --- | 205,603 | 157,473 | 63,998 | 1,685 | --- | 80,097 | 52,165 |
| 05/03/2006 | | --- | 17 | 160 | --- | 208,816 | 216,346 | 59,568 | 822 | 68,753 | 56,952 | 55,241 |
| 05/04/2006 | * | --- | 30 | 100 | --- | 160,779 | 335,932 | 59,084 | 2,227 | --- | 69,815 | 43,799 |
| 05/05/2006 | | 84 | 81 | 71 | 587 | 183,801 | 210,037 | 53,849 | 1,276 | 66,147 | 61,643 | 53,051 |
| 05/06/2006 | * | 37 | 31 | 87 | 480 | 126,030 | 170,504 | 53,862 | 475 | --- | 42,305 | 53,140 |
| 05/07/2006 | | 40 | 43 | 93 | 255 | 177,521 | 143,617 | 59,524 | 1,940 | 99,449 | 61,990 | 44,492 |
| 05/08/2006 | * | 140 | 38 | 107 | 214 | 261,237 | 203,182 | 66,606 | 1,390 | --- | 62,462 | 23,112 |
| 05/09/2006 | * | 104 | 14 | 153 | 469 | 244,264 | 146,922 | 79,083 | 2,405 | 123,881 | 70,207 | 39,875 |
| 05/10/2006 | * | 47 | --- | 68 | 324 | 121,421 | 128,967 | 72,928 | 985 | --- | 80,424 | 47,013 |
| 05/11/2006 | * | 34 | --- | 53 | 486 | 72,827 | 64,840 | 55,004 | 985 | 85,833 | 91,472 | 60,435 |
| 05/12/2006 | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| <hr/> | | | | | | | | | | | | |
| Total: | | 3,355 | 310 | 2,125 | 6,820 | 2,267,084 | 2,117,982 | 757,862 | 24,245 | 569,075 | 877,964 | 630,760 |
| # Days: | | 10 | 10 | 14 | 11 | 14 | 14 | 14 | 14 | 7 | 14 | 14 |
| Average: | | 336 | 31 | 152 | 620 | 161,935 | 151,284 | 54,133 | 1,732 | 81,296 | 62,712 | 45,054 |
| YTD | | 30,631 | 24,856 | 11,512 | 16,725 | 3,013,278 | 2,865,511 | 768,063 | 27,522 | 958,704 | 1,212,562 | 1,267,538 |

| COMBINED SUBYEARLING CHINOOK | | | | | | | | | | | | |
|-------------------------------------|--------|-----------|-----------|-----------|------------|---------------|---------------|------------|--------------|---------------|---------------|------------------|
| | WTB | IMN | GRN | LEW | LGR | LGS | LMN | RIS | MCN | JDA | BO2 | |
| Date | (Coll) | (Coll) | (Coll) | (Coll) | (INDEX) | (INDEX) | (INDEX) | (INDEX) | (INDEX) | (INDEX) | (INDEX) | |
| 04/28/2006 | * | 0 | 0 | 0 | 0 | 0 | 1,290 | 181 | 48 | --- | 440 | 2,185 |
| 04/29/2006 | * | 0 | --- | 0 | 3 | 0 | 773 | 61 | 7 | 2,249 | 2,226 | 1,185 |
| 04/30/2006 | * | 0 | --- | 0 | 15 | 0 | 0 | 0 | 12 | --- | 954 | 505 |
| 05/01/2006 | * | --- | 0 | 1 | 6 | 350 | 267 | 0 | 20 | 1,215 | 861 | 1,523 |
| 05/02/2006 | * | --- | 0 | 0 | --- | 0 | 0 | 0 | 10 | --- | 786 | 2,488 |
| 05/03/2006 | | --- | 1 | 0 | --- | 0 | 254 | 0 | 5 | 6,988 | 1,192 | 1,336 |
| 05/04/2006 | * | --- | 0 | 0 | --- | 320 | 0 | 0 | 5 | --- | 876 | 1,554 |
| 05/05/2006 | | 0 | 1 | 0 | 7 | 939 | 498 | 0 | 3 | 2,179 | 1,780 | 2,591 |
| 05/06/2006 | * | 0 | 0 | 0 | 7 | 287 | 0 | 0 | 6 | --- | 1,126 | 226,636 |
| 05/07/2006 | | 0 | 0 | 0 | 13 | 295 | 8,882 | 0 | 0 | 2,260 | 205 | 119,980 |
| 05/08/2006 | * | 0 | 0 | 0 | 12 | 298 | 494 | 0 | 2 | --- | 155 | 45,495 |
| 05/09/2006 | * | 0 | 0 | 0 | 3 | 291 | 2,069 | 0 | 42 | 1,268 | 484 | 21,695 |
| 05/10/2006 | * | 0 | --- | 0 | 4 | 0 | 0 | 0 | 3 | --- | 216 | 10,573 |
| 05/11/2006 | * | 0 | --- | 0 | 3 | 0 | 0 | 0 | 6 | 3,403 | 926 | 6,310 |
| 05/12/2006 | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| <hr/> | | | | | | | | | | | | |
| Total: | | 0 | 2 | 1 | 73 | 2,780 | 14,527 | 242 | 169 | 19,562 | 12,227 | 444,056 |
| # Days: | | 10 | 10 | 14 | 11 | 14 | 14 | 14 | 14 | 7 | 14 | 14 |
| Average: | | 0 | 0 | 0 | 7 | 199 | 1,038 | 17 | 12 | 2,795 | 873 | 31,718 |
| YTD | | 3 | 35 | 7 | 110 | 10,764 | 25,575 | 340 | 1,390 | 46,219 | 16,811 | 1,696,314 |

Two-Week Summary of Passage Indices

| COMBINED COHO | | | | | | | | | | | | |
|-----------------|--------|-----------|-----------|-----------|-----------|---------------|---------------|--------------|--------------|---------------|---------------|----------------|
| | WTB | IMN | GRN | LEW | LGR | LGS | LMN | RIS | MCN | JDA | BO2 | |
| Date | (Coll) | (Coll) | (Coll) | (Coll) | (INDEX) | (INDEX) | (INDEX) | (INDEX) | (INDEX) | (INDEX) | (INDEX) | |
| 04/28/2006 | * | 0 | 0 | 0 | 0 | 582 | 1,290 | 362 | 13 | --- | 660 | 5,157 |
| 04/29/2006 | * | 0 | --- | 0 | 0 | 585 | 1,289 | 123 | 67 | 172 | 318 | 6,432 |
| 04/30/2006 | * | 0 | --- | 0 | 2 | 605 | 0 | 121 | 187 | --- | 1,451 | 4,992 |
| 05/01/2006 | * | --- | 0 | 0 | 1 | 1,051 | 802 | 0 | 38 | 560 | 1,079 | 12,972 |
| 05/02/2006 | * | --- | 0 | 0 | --- | 1,062 | 272 | 198 | 96 | --- | 524 | 15,854 |
| 05/03/2006 | | --- | 0 | 0 | --- | 649 | 508 | 122 | 73 | 1,851 | 1,791 | 18,711 |
| 05/04/2006 | * | --- | 0 | 0 | --- | 2,882 | 2,451 | 181 | 218 | --- | 3,229 | 13,140 |
| 05/05/2006 | | 0 | 0 | 0 | 1 | 939 | 2,482 | 0 | 265 | 852 | 1,335 | 12,547 |
| 05/06/2006 | * | 0 | 0 | 0 | 0 | 1,435 | 503 | 0 | 143 | --- | 2,413 | 11,405 |
| 05/07/2006 | | 0 | 0 | 0 | 0 | 1,769 | 0 | 181 | 864 | 1,989 | 1,432 | 16,497 |
| 05/08/2006 | * | 0 | 0 | 0 | 0 | 2,975 | 0 | 181 | 899 | --- | 4,638 | 8,029 |
| 05/09/2006 | * | 0 | 0 | 0 | 3 | 1,456 | 1,035 | 187 | 1,026 | 1,433 | 3,553 | 8,727 |
| 05/10/2006 | * | 0 | --- | 0 | 0 | 3,006 | 2,207 | 198 | 1,179 | --- | 8,216 | 15,221 |
| 05/11/2006 | * | 0 | --- | 0 | 0 | 2,030 | 855 | 340 | 1,009 | 1,701 | 4,168 | 10,437 |
| 05/12/2006 | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| <hr/> | | | | | | | | | | | | |
| Total: | | 0 | 0 | 0 | 7 | 21,026 | 13,694 | 2,194 | 6,077 | 8,558 | 34,807 | 160,121 |
| # Days: | | 10 | 10 | 14 | 11 | 14 | 14 | 14 | 14 | 7 | 14 | 14 |
| Average: | | 0 | 0 | 0 | 1 | 1,502 | 978 | 157 | 434 | 1,223 | 2,486 | 11,437 |
| YTD | | 0 | 0 | 0 | 46 | 25,810 | 16,617 | 2,207 | 6,183 | 10,709 | 36,627 | 227,060 |

| COMBINED STEELHEAD | | | | | | | | | | | | |
|--------------------|--------|--------------|---------------|--------------|--------------|------------------|------------------|----------------|--------------|----------------|----------------|----------------|
| | WTB | IMN | GRN | LEW | LGR | LGS | LMN | RIS | MCN | JDA | BO2 | |
| Date | (Coll) | (Coll) | (Coll) | (Coll) | (INDEX) | (INDEX) | (INDEX) | (INDEX) | (INDEX) | (INDEX) | (INDEX) | |
| 04/28/2006 | * | 148 | 307 | 38 | 75 | 82,577 | 145,008 | 54,530 | 69 | --- | 52,387 | 6,383 |
| 04/29/2006 | * | 187 | --- | 50 | 71 | 129,314 | 110,585 | 52,643 | 164 | 21,926 | 42,762 | 6,600 |
| 04/30/2006 | * | 73 | --- | 156 | 117 | 116,821 | 100,205 | 44,045 | 238 | --- | 54,836 | 15,743 |
| 05/01/2006 | * | --- | 155 | 48 | 154 | 127,117 | 87,915 | 41,220 | 126 | 24,388 | 66,163 | 23,302 |
| 05/02/2006 | * | --- | 227 | 1 | --- | 241,345 | 130,402 | 50,604 | 194 | --- | 88,212 | 12,627 |
| 05/03/2006 | | --- | 164 | 224 | --- | 179,961 | 155,131 | 38,137 | 216 | 17,160 | 62,319 | 6,979 |
| 05/04/2006 | * | --- | 408 | 215 | --- | 185,120 | 349,019 | 46,670 | 351 | --- | 53,118 | 7,771 |
| 05/05/2006 | | 46 | 509 | 253 | 31 | 268,656 | 219,902 | 42,065 | 266 | 20,091 | 39,389 | 6,683 |
| 05/06/2006 | * | 49 | 388 | 73 | 37 | 126,317 | 154,865 | 53,682 | 204 | --- | 40,375 | 7,643 |
| 05/07/2006 | | 47 | 381 | 95 | 46 | 138,891 | 115,466 | 49,030 | 485 | 15,099 | 33,346 | 4,999 |
| 05/08/2006 | * | 54 | 538 | 70 | 118 | 98,485 | 91,354 | 51,376 | 796 | --- | 37,724 | 6,082 |
| 05/09/2006 | * | 78 | 409 | 180 | 202 | 101,025 | 60,520 | 42,352 | 654 | 19,766 | 39,756 | 7,393 |
| 05/10/2006 | * | 77 | --- | 87 | 54 | 85,061 | 76,500 | 27,224 | 631 | --- | 26,809 | 4,841 |
| 05/11/2006 | * | 56 | --- | 78 | 58 | 59,886 | 56,994 | 25,615 | 780 | 12,101 | 24,315 | 3,641 |
| 05/12/2006 | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| <hr/> | | | | | | | | | | | | |
| Total: | | 815 | 3,486 | 1,568 | 963 | 1,940,576 | 1,853,866 | 619,193 | 5,174 | 130,531 | 661,511 | 120,687 |
| # Days: | | 10 | 10 | 14 | 11 | 14 | 14 | 14 | 14 | 7 | 14 | 14 |
| Average: | | 82 | 349 | 112 | 88 | 138,613 | 132,419 | 44,228 | 370 | 18,647 | 47,251 | 8,621 |
| YTD | | 1,821 | 17,275 | 7,680 | 2,305 | 3,164,524 | 2,873,211 | 631,327 | 5,522 | 307,543 | 863,683 | 157,301 |

Two-Week Summary of Passage Indices

| Date | COMBINED SOCKEYE | | | | | | | | | | |
|-----------------|------------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | WTB (Coll) | IMN (Coll) | GRN (Coll) | LEW (Coll) | LGR (INDEX) | LGS (INDEX) | LMN (INDEX) | RIS (INDEX) | MCN (INDEX) | JDA (INDEX) | BO2 (INDEX) |
| 04/28/2006 * | 0 | 0 | 0 | 0 | 1,454 | 517 | 544 | 478 | --- | 1,430 | 0 |
| 04/29/2006 * | 0 | --- | 0 | 0 | 878 | 1,291 | 245 | 1,208 | 4,485 | 636 | 254 |
| 04/30/2006 * | 0 | --- | 0 | 2 | 303 | 5 | 0 | 696 | --- | 737 | 254 |
| 05/01/2006 * | --- | 0 | 0 | 0 | 700 | 1,339 | 130 | 346 | 11,853 | 1,293 | 401 |
| 05/02/2006 * | --- | 0 | 0 | --- | 708 | 1,643 | 924 | 551 | --- | 2,356 | 644 |
| 05/03/2006 | --- | 0 | 0 | --- | 649 | 513 | 305 | 259 | 28,985 | 2,087 | 297 |
| 05/04/2006 * | --- | 0 | 0 | --- | 320 | 2,969 | 1,755 | 488 | --- | 8,761 | 283 |
| 05/05/2006 | 0 | 0 | 0 | 1 | 0 | 513 | 677 | 271 | 16,941 | 11,572 | 1,091 |
| 05/06/2006 * | 2 | 0 | 0 | 2 | 287 | 1,531 | 365 | 106 | --- | 16,085 | 7,886 |
| 05/07/2006 | 2 | 0 | 0 | 7 | 1,180 | 493 | 362 | 413 | 33,085 | 12,276 | 6,499 |
| 05/08/2006 * | 0 | 0 | 0 | 12 | 1,488 | 746 | 363 | 738 | --- | 13,915 | 5,839 |
| 05/09/2006 * | 0 | 0 | 0 | 194 | 873 | 1,041 | 562 | 947 | 34,405 | 16,314 | 8,484 |
| 05/10/2006 * | 5 | --- | 0 | 179 | 1,913 | 553 | 398 | 854 | --- | 26,160 | 8,550 |
| 05/11/2006 * | 2 | --- | 0 | 34 | 1,776 | 292 | 273 | 507 | 22,498 | 20,379 | 6,553 |
| 05/12/2006 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Total: | 11 | 0 | 0 | 431 | 12,529 | 13,446 | 6,903 | 7,862 | 152,252 | 134,001 | 47,035 |
| # Days: | 10 | 10 | 14 | 11 | 14 | 14 | 14 | 14 | 7 | 14 | 14 |
| Average: | 1 | 0 | 0 | 39 | 895 | 960 | 493 | 562 | 21,750 | 9,572 | 3,360 |
| YTD | 11 | 0 | 0 | 434 | 22,096 | 27,814 | 7,078 | 8,725 | 160,096 | 137,726 | 48,001 |

* 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, and sockeye. Two classes of fish counts are shown in these tables: collection counts, which account for sample rates but are not adjusted for flow; and passage indices, 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.

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/Washington Dept. of Fish and Wildlife.
 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.

Two Week Transportation Summary

Source: Fish Passage Center

Updated:

5/12/06 10:44 AM

| | | 04/29/06 | TO | 05/12/06 | | | |
|---------------------------------------|--------------------------|---------------|------------------|---------------|----------------|------------------|------------------|
| | | Species | | | | | |
| Site | Data | CH0 | CH1 | CO | SO | ST | Grand Total |
| LGR | Sum of NumberCollected | 1,800 | 1,481,092 | 14,200 | 8,600 | 1,256,708 | 2,762,400 |
| | Sum of NumberBarged | 1,773 | 1,350,084 | 14,125 | 8,413 | 1,240,835 | 2,615,230 |
| | Sum of NumberBypassed | 0 | 126,610 | 0 | 0 | 15,156 | 141,766 |
| | Sum of Numbertrucked | 0 | 0 | 0 | 0 | 0 | 0 |
| | Sum of SampleMorts | 1 | 87 | 0 | 6 | 25 | 119 |
| | Sum of FacilityMorts | 26 | 4,047 | 75 | 181 | 669 | 4,998 |
| | Sum of ResearchMorts | 0 | 264 | 0 | 0 | 23 | 287 |
| | Sum of TotalProjectMorts | 27 | 4,398 | 75 | 187 | 717 | 5,404 |
| LGS | Sum of NumberCollected | 11,602 | 1,660,788 | 10,600 | 10,491 | 1,455,960 | 3,149,441 |
| | Sum of NumberBarged | 11,591 | 1,658,657 | 10,597 | 10,304 | 1,455,039 | 3,146,188 |
| | Sum of NumberBypassed | 9 | 1 | 0 | 0 | 2 | 12 |
| | Sum of Numbertrucked | 0 | 0 | 0 | 0 | 0 | 0 |
| | Sum of SampleMorts | 0 | 24 | 0 | 4 | 3 | 31 |
| | Sum of FacilityMorts | 2 | 1,385 | 3 | 183 | 237 | 1,810 |
| | Sum of ResearchMorts | 0 | 7 | 0 | 0 | 0 | 7 |
| | Sum of TotalProjectMorts | 2 | 1,416 | 3 | 187 | 240 | 1,848 |
| LMN | Sum of NumberCollected | 199 | 604,165 | 1,742 | 5,534 | 497,749 | 1,109,389 |
| | Sum of NumberBarged | 50 | 597,393 | 1,593 | 5,080 | 485,892 | 1,090,008 |
| | Sum of NumberBypassed | 149 | 24,265 | 149 | 446 | 38,924 | 63,933 |
| | Sum of Numbertrucked | 0 | 0 | 0 | 0 | 0 | 0 |
| | Sum of SampleMorts | 0 | 26 | 0 | 3 | 10 | 39 |
| | Sum of FacilityMorts | 0 | 481 | 0 | 105 | 323 | 909 |
| | Sum of ResearchMorts | 0 | 0 | 0 | 0 | 0 | 0 |
| | Sum of TotalProjectMorts | 0 | 507 | 0 | 108 | 333 | 948 |
| MCN | Sum of NumberCollected | 10,314 | 311,938 | 4,601 | 82,629 | 71,239 | 480,721 |
| | Sum of NumberBarged | 0 | 0 | 0 | 0 | 0 | 0 |
| | Sum of NumberBypassed | 10,294 | 311,713 | 4,600 | 82,588 | 71,194 | 480,389 |
| | Sum of Numbertrucked | 0 | 0 | 0 | 0 | 0 | 0 |
| | Sum of SampleMorts | 4 | 27 | 0 | 5 | 6 | 42 |
| | Sum of FacilityMorts | 14 | 173 | 1 | 30 | 36 | 254 |
| | Sum of ResearchMorts | 2 | 25 | 0 | 6 | 3 | 36 |
| | Sum of TotalProjectMorts | 20 | 225 | 1 | 41 | 45 | 332 |
| Total Sum of NumberCollected | | 23,915 | 4,057,983 | 31,143 | 107,254 | 3,281,656 | 7,501,951 |
| Total Sum of NumberBarged | | 13,414 | 3,606,134 | 26,315 | 23,797 | 3,181,766 | 6,851,426 |
| Total Sum of NumberBypassed | | 10,452 | 462,589 | 4,749 | 83,034 | 125,276 | 686,100 |
| Total Sum of Numbertrucked | | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Sum of SampleMorts | | 5 | 164 | 0 | 18 | 44 | 231 |
| Total Sum of FacilityMorts | | 42 | 6,086 | 79 | 499 | 1,265 | 7,971 |
| Total Sum of ResearchMorts | | 2 | 296 | 0 | 6 | 26 | 330 |
| Total Sum of TotalProjectMorts | | 49 | 6,546 | 79 | 523 | 1,335 | 8,532 |

YTD Transportation Summary

Source: Fish Passage Center

Updated:

5/12/06 10:44 AM

TO: 05/12/06

| | | Species | | | | | |
|--------------------------------|--------------------------|---------|-----------|--------|---------|-----------|-------------|
| Site | Data | CH0 | CH1 | CO | SO | ST | Grand Total |
| LGR | Sum of NumberCollected | 6,940 | 1,966,380 | 17,280 | 15,040 | 2,059,489 | 4,065,129 |
| | Sum of NumberBarged | 2,173 | 1,564,295 | 15,717 | 9,863 | 1,770,893 | 3,362,941 |
| | Sum of NumberBypassed | 4,736 | 397,177 | 1,479 | 4,930 | 287,743 | 696,065 |
| | Sum of NumberTrucked | 0 | 0 | 0 | 0 | 0 | 0 |
| | Sum of SampleMorts | 5 | 171 | 1 | 17 | 58 | 252 |
| | Sum of FacilityMorts | 26 | 4,460 | 83 | 230 | 758 | 5,557 |
| | Sum of ResearchMorts | 0 | 277 | 0 | 0 | 37 | 314 |
| | Sum of TotalProjectMorts | 31 | 4,908 | 84 | 247 | 853 | 6,123 |
| LGS | Sum of NumberCollected | 20,156 | 2,237,127 | 12,824 | 21,473 | 2,236,751 | 4,528,331 |
| | Sum of NumberBarged | 16,073 | 1,857,004 | 11,297 | 12,326 | 1,643,514 | 3,540,214 |
| | Sum of NumberBypassed | 4,075 | 376,386 | 1,524 | 8,894 | 591,447 | 982,326 |
| | Sum of NumberTrucked | 0 | 0 | 0 | 0 | 0 | 0 |
| | Sum of SampleMorts | 3 | 76 | 0 | 8 | 7 | 94 |
| | Sum of FacilityMorts | 5 | 2,577 | 3 | 251 | 351 | 3,187 |
| | Sum of ResearchMorts | 0 | 9 | 0 | 0 | 1 | 10 |
| | Sum of TotalProjectMorts | 8 | 2,662 | 3 | 259 | 359 | 3,291 |
| LMN | Sum of NumberCollected | 269 | 612,250 | 1,752 | 5,666 | 507,355 | 1,127,292 |
| | Sum of NumberBarged | 50 | 597,393 | 1,593 | 5,080 | 485,892 | 1,090,008 |
| | Sum of NumberBypassed | 218 | 32,278 | 159 | 576 | 48,473 | 81,704 |
| | Sum of NumberTrucked | 0 | 0 | 0 | 0 | 0 | 0 |
| | Sum of SampleMorts | 1 | 27 | 0 | 3 | 10 | 41 |
| | Sum of FacilityMorts | 0 | 502 | 0 | 107 | 330 | 939 |
| | Sum of ResearchMorts | 0 | 0 | 0 | 0 | 0 | 0 |
| | Sum of TotalProjectMorts | 1 | 529 | 0 | 110 | 340 | 980 |
| MCN | Sum of NumberCollected | 23,833 | 509,511 | 5,712 | 86,566 | 163,903 | 789,525 |
| | Sum of NumberBarged | 0 | 0 | 0 | 0 | 0 | 0 |
| | Sum of NumberBypassed | 23,753 | 509,053 | 5,710 | 86,513 | 163,806 | 788,835 |
| | Sum of NumberTrucked | 0 | 0 | 0 | 0 | 0 | 0 |
| | Sum of SampleMorts | 30 | 65 | 0 | 6 | 11 | 112 |
| | Sum of FacilityMorts | 48 | 366 | 2 | 41 | 82 | 539 |
| | Sum of ResearchMorts | 2 | 27 | 0 | 6 | 4 | 39 |
| | Sum of TotalProjectMorts | 80 | 458 | 2 | 53 | 97 | 690 |
| Total Sum of NumberCollected | | 51,198 | 5,325,268 | 37,568 | 128,745 | 4,967,498 | 10,510,277 |
| Total Sum of NumberBarged | | 18,296 | 4,018,692 | 28,607 | 27,269 | 3,900,299 | 7,993,163 |
| Total Sum of NumberBypassed | | 32,782 | 1,314,894 | 8,872 | 100,913 | 1,091,469 | 2,548,930 |
| Total Sum of NumberTrucked | | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Sum of SampleMorts | | 39 | 339 | 1 | 34 | 86 | 499 |
| Total Sum of FacilityMorts | | 79 | 7,905 | 88 | 629 | 1,521 | 10,222 |
| Total Sum of ResearchMorts | | 2 | 313 | 0 | 6 | 42 | 363 |
| Total Sum of TotalProjectMorts | | 120 | 8,557 | 89 | 669 | 1,649 | 11,084 |

Cumulative Adult Passage at Mainstem Dams Through: 05/11

| DAM | EndDate | Spring Chinook | | | | | | Summer Chinook | | | | | | Fall Chinook | | | | | |
|-----|---------|----------------|------|--------|------|------------|-------|----------------|------|-------|------|------------|------|--------------|------|-------|------|------------|------|
| | | 2006 | | 2005 | | 10-Yr Avg. | | 2006 | | 2005 | | 10-Yr Avg. | | 2006 | | 2005 | | 10-Yr Avg. | |
| | | Adult | Jack | Adult | Jack | Adult | Jack | Adult | Jack | Adult | Jack | Adult | Jack | Adult | Jack | Adult | Jack | Adult | Jack |
| BON | 05/11 | 59,660 | 704 | 51,836 | 942 | 128,288 | 4,587 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TDA | 05/11 | 26,900 | 232 | 38,396 | 645 | 81,894 | 2,624 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| JDA | 05/11 | 15,273 | 245 | 33,937 | 632 | 65,536 | 1,805 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MCN | 05/11 | 3,293 | 152 | 27,661 | 543 | 56,225 | 1,443 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| IHR | 05/11 | 2,456 | 33 | 12,872 | 106 | 35,288 | 841 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LMN | 05/11 | 1,067 | 15 | 11,053 | 102 | 31,820 | 650 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LGS | 05/11 | 500 | 3 | 8,228 | 45 | 28,274 | 564 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LGR | 05/11 | 287 | 1 | 7,584 | 43 | 26,754 | 459 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PRD | 05/10 | 216 | 0 | 5,068 | 4 | 9,941 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RIS | 05/10 | 57 | 8 | 1,694 | 8 | 5,247 | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RRH | 05/10 | 21 | 0 | 559 | 1 | 1,681 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WEL | 05/10 | 2 | 0 | 40 | 0 | 561 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WFA | 05/05 | 11,242 | 25 | 16,619 | 356 | n/a | n/a | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | 0 | n/a | n/a |

| DAM | Coho | | | | | | Sockeye | | | Steelhead | | | |
|-----|-------|------|-------|------|------------|------|---------|------|------------|-----------|-------|------------|-----------|
| | 2006 | | 2005 | | 10-Yr Avg. | | 2006 | 2005 | 10-Yr Avg. | 2006 | 2005 | 10-Yr Avg. | Wild 2006 |
| | Adult | Jack | Adult | Jack | Adult | Jack | | | | | | | |
| BON | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2,028 | 1,438 | 2845 | 580 |
| TDA | 0 | 0 | -1 | 1 | 0 | 0 | 0 | 0 | 0 | 1,025 | 645 | 910 | 345 |
| JDA | 0 | 0 | 3 | -14 | 0 | -1 | 0 | 0 | 0 | 2,210 | 960 | 2863 | 1,014 |
| MCN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,039 | 963 | 1408 | 750 |
| IHR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,622 | 1,260 | 1588 | 903 |
| LMN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,639 | 881 | 1603 | 1,017 |
| LGS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,638 | 978 | 1890 | 871 |
| LGR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,591 | 4,789 | 6199 | 2,303 |
| PRD | 2 | -1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 19 | 9 | 2 | 0 |
| RIS | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 42 | 25 | 33 |
| RRH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130 | 326 | 99 | 112 |
| WEL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 40 | 15 | 10 |
| WFA | 0 | 0 | 0 | 0 | n/a | n/a | 0 | 0 | n/a | 7,889 | 7,585 | n/a | n/a |

BON and LGR have switched to video counts so the data is delayed.

*PRD is not posting wild steelhead numbers.

These numbers were collected from USACE, Grant PUD, Douglas PUD, Chelan PUD, ODFW and DART.

Wild steelhead numbers are included in the total. Wild Steelhead are defined as unclipped fish.

Historic counts (pre-1996) were obtained from CRITFC and compiled by the FPC.

Historic counts 1997 to present were obtained from the Corps of Engineers.

Page last updated on: 05/12/06

BON counts from January 1, 2006 to March 14, 2006 (our traditional counts begin March 15):

| Chinook Adult | Chinook Jack | Steelhead | Wild Steelhead |
|---------------|--------------|-----------|----------------|
| 1 | 0 | 2,516 | 238 |

Run Year counts (June 1, 2005 to May 31, 2006) for Lower Granite:

| Steelhead |
|-----------|
| 0 |