



Fish Passage Center Weekly Report #06 - 26

Sept. 01, 2006

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Summary of Events:

Water Supply: Precipitation throughout the Columbia Basin has varied between 2% and 51% of average at individual sub-basins over August. Precipitation above The Dalles over August has been 38% of average. Over the entire water year, precipitation has been average or above average at all list locations.

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

Location	Water Year 2006 Aug 1-28		Water Year 2006 October 1, 2005 to August 28, 2006	
	Observed (inches)	% Average	Observed (inches)	% Average
Columbia Above Coulee	0.69	45	24.22	102
Snake River Above Ice Harbor	0.32	41	19.34	115
Columbia Above The Dalles	0.40	38	23.23	106
Kootenai	0.59	39	25.81	106
Clark Fork	0.59	51	17.91	108
Flathead	0.69	47	23.85	109
Pend Oreille/Spokane	0.39	34	32.38	109
Central Washington	0.01	2	11.04	127
Snake River Plain	0.17	32	12.24	114
Salmon/Boise/ Payette	0.16	25	24.13	127
Clearwater	0.50	46	30.25	103
SW Washington Cascades/Cowlitz	0.06	4	66.49	97
Willamette Valley	0.02	2	61.30	106

Table 2 displays the May Final, June Final, and July Final runoff volume forecasts for multiple reservoirs. The July Final forecast at The Dalles between January and July is 114000 Kaf (106% of average).

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

Location	May Final		June Final		July 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)	103	110000	103	111000	106	114000
Grand Coulee (Jan-July)	98	61900	101	63300	106	66900
Libby Res. Inflow, MT (Jan-July)	98	6160	101	6360	113	7120
Hungry Horse Res. Inflow, MT (Jan-July)	101	2250	106	2360	109	2430
Lower Granite Res. Inflow (Apr- July)	126	27100	124	26700	116	25100
Brownlee Res. Inflow (Apr-July)	143	9020	141	8910	138	8710
Dworshak Res. Inflow (Apr-July)	101	2670	106	2800	105	2770

Grand Coulee Reservoir is at 1280.2 feet (8-31-06) and has drafted 0.7 feet over the last week. Grand Coulee's end of August draft target was 1280 feet.

The Libby Reservoir is currently at elevation 2443.1 feet (8-31-06) and drafted 2.2 feet last week. Outflows were dropped to 13 Kcfs on September 1st.

Hungry Horse is currently at an elevation of 3546.9 feet (8-31-06) and has drafted approximately 0.4 feet in the last week. Hungry Horse outflows have been approximately 3.1 Kcfs.

Dworshak is currently at an elevation of 1531.6 feet (8-31-06) and drafted approximately 6.0 feet last week. Outflows at Dworshak remain at 7.6 Kcfs.

The Brownlee Reservoir was at an elevation of 2057.7 feet on Aug 31st, 2006. Outflows at Hells Canyon have ranged between 9.0 and 14.1 Kcfs over the last week.

According to the June Final Water Supply Forecast, the flow objective this summer was 54.5 Kcfs at Lower Granite (began 6-21-06, ended 8-31-06) and 200 Kcfs at McNary (began 7-1-06, ended 8-31-06). From June 21 to August 31 flows have averaged 37.6 Kcfs at Lower Granite, over the last week flows have averaged 23.9 Kcfs at Lower Granite. Between July 1 and Aug 31, flows at McNary have averaged 166.5 Kcfs; over the last week flows have averaged 151 Kcfs.

Spill: No spill has occurred at Dworshak Dam over the past week. Summer spill began on June 21 for Lower Snake River projects in accordance with the December 29, 2005 District Court Order and Opinion and ended at midnight on August 31, 2006. Spill at Lower Granite, Little Goose, Lower Monumental, and Ice Harbor dams averaged 63%, 30%, 46%, and 58%, of average daily flow over the past week, respectively. Spill at Lower Granite was provided as the flow in excess of that needed to operate one turbine unit at this project. Little Goose Dam met the Court's Order for spill this past week. Spill at Lower Monumental Dam was provided as the excess flow above that needed for project minimum powerhouse flows. Ice Harbor

Dam was also spilling all water above project minimum powerhouse flows.

Summer spill for fish passage was initiated on July 1 at the Lower Columbia River projects and ended at midnight on August 31, 2006. Spill at McNary, John Day, The Dalles, and Bonneville dams was 52%, 30%, 40%, and 58% of average daily flow, respectively. McNary, John Day, and The Dalles dams met the Court's order last week. Spill at Bonneville Dam met the Court's order of 75 Kcfs for day time spill for all days this last week, while the Court's Order of spilling to the gas cap was limited due to project minimum flows and TDG at Camas/Washougal gage. All water above project minimum flow was spilled .

Total dissolved gas levels have met the TDG waiver requirements over the past week. No fish were observed with signs of GBT over the past week.

Smolt Monitoring: Subyearling Chinook salmon predominate in the run at all sites as they have for the past several weeks. Small numbers of spring migrants continue to be detected in the system. Subyearling indices decreased at all sites over the past week.

At Lower Granite Dam, subyearling Chinook indices averaged roughly 40 per day over the past week compared to 100 per day the previous week, while at Little Goose and Lower Monumental Dam the subyearling index averaged 30 and 10 (respectively) per day this week.

At Rock Island Dam indices for subyearlings averaged 25 per day this week compared to 40 per day last week. At McNary Dam, subyearling indices were down, averaging 1,000 this week compared to 1,800 per day over the previous week. At John Day Dam, where sampling is limited to every other day due to high temperatures, subyearling indices averaged 350 per day this week compared to 1,200 per day last week. At Bonneville Dam subyearling indices decreased with this weeks' average index at 600 per day, compared to 900 fish per day last week. Bonneville sampling has also been altered due to high temperatures. When temperatures are at or above 70, sampling crews will work up fish more frequently to reduce holding time at the site.

Adult Fish Passage: At Bonneville dam, daily counts of fall Chinook began on August 1st, over the last week daily counts have ranged between 2,867 and 6,658 fish. As of August 30th, 45,964 fall Chinook had passed Bonneville Dam, which is 115% of the 2005 count on the same date and 66% of the ten-year average. Daily counts at Rock Island Dam ranged between 1 and 160 fall Chinook during the last week.

At Bonneville Dam, steelhead counts averaged 5,412 per day between August 25th and August 30th. Through August 30th, the steelhead run at Bonneville Dam was 205,425 fish, 100% and 93% of the respective 2005 and 10-year average counts. The daily counts at The Dalles Dam ranged between 933 and 3,513 for the week with the cumulative steelhead count through August 30th at 60,307. About 29% of the steelhead counted at Bonneville Dam has passed The Dalles Dam. The majority of the 26,044 steelhead counted at McNary Dam have moved up into the Snake River with the cumulative count at Ice Harbor Dam now at 12,722 for the season. The cumulative count at Rock Island Dam is 2,957 for the season.

Adult Coho salmon passage at Bonneville Dam averaged 1,579 fish per through the week with the count at Bonneville through August 30th at 11,417, about 381% and 184% of the respective 2005 and 10-year average counts.

Hatchery Releases: No hatchery releases were scheduled in past two weeks, but a release of 270,000 coho from Nez Perce Tribal Hatchery is scheduled for this month at Lolo Creek in the Clearwater Basin. The release is scheduled to begin today and be completed by the end of the month.

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
08/18/06	94.9	0.2	98.3	0.0	100.7	6.4	106.4	0.0	100.5	0.0	114.2	1.5	112.7	0.8
08/19/06	96.0	0.2	95.5	0.0	92.8	6.6	87.0	0.0	87.4	0.0	87.6	1.3	96.6	0.9
08/20/06	65.4	0.2	63.9	0.0	73.2	5.6	70.9	0.0	73.2	0.0	86.3	1.8	77.0	0.8
08/21/06	111.9	0.2	116.2	0.0	114.7	7.4	105.9	0.0	105.5	0.0	100.0	1.7	93.3	0.8
08/22/06	128.8	0.2	120.8	0.0	120.7	7.9	115.0	0.0	116.0	0.0	119.4	1.6	116.9	1.1
08/23/06	121.6	0.2	122.9	0.0	123.6	8.5	124.4	0.0	123.2	0.0	121.9	1.7	118.6	1.1
08/24/06	114.7	0.2	119.9	0.0	121.7	8.4	122.0	0.0	122.5	0.0	125.4	1.4	122.0	1.1
08/25/06	113.8	0.2	115.3	0.0	116.7	7.2	111.8	0.0	110.4	0.0	123.1	1.7	124.9	1.1
08/26/06	100.2	0.1	101.2	0.0	102.5	7.3	101.7	0.0	102.3	0.0	105.6	1.5	108.9	0.8
08/27/06	98.0	0.1	97.8	0.0	97.4	0.0	95.4	0.0	96.6	0.0	96.2	1.8	84.4	1.0
08/28/06	122.4	0.2	121.0	0.0	120.8	0.0	120.2	0.0	120.3	0.0	123.4	2.0	118.2	0.9
08/29/06	99.6	0.1	102.4	0.0	112.2	0.0	115.9	0.0	117.9	0.0	130.4	1.7	132.7	1.0
08/30/06	88.4	0.2	93.9	0.0	93.2	0.0	94.9	0.0	95.4	0.0	114.7	1.4	115.4	0.8
08/31/06	120.7	0.2	113.3	0.0	103.3	0.0	95.5	0.0	95.6	0.0	82.8	1.2	80.7	0.9

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
08/18/06	10.2	0.0	11.4	12.1	26.6	14.9	26.5	8.0	26.3	14.1	29.8	19.9
08/19/06	10.2	0.0	11.1	12.1	27.0	14.9	25.1	7.4	25.6	13.4	26.5	16.3
08/20/06	10.3	0.0	11.3	13.6	29.3	17.6	33.5	10.5	31.0	18.8	31.5	21.0
08/21/06	10.3	0.0	11.7	15.2	30.2	18.3	24.7	7.4	25.8	13.5	26.6	16.2
08/22/06	10.1	0.0	11.4	14.1	30.5	18.3	34.6	10.3	32.8	20.6	35.4	25.4
08/23/06	7.6	0.0	10.8	12.3	28.7	17.0	26.9	8.3	25.8	13.5	27.4	17.5
08/24/06	7.6	0.0	10.7	9.5	24.9	13.2	24.8	7.4	26.1	13.8	25.7	15.8
08/25/06	7.7	0.0	10.6	9.0	23.3	11.4	24.3	7.4	23.1	10.9	22.4	12.6
08/26/06	7.7	0.0	11.1	9.1	21.7	9.7	19.4	5.9	20.6	8.4	22.2	12.4
08/27/06	7.6	0.0	10.9	9.1	21.6	9.8	21.0	6.3	19.2	7.0	18.4	8.7
08/28/06	7.6	0.0	11.3	13.0	23.2	16.3	25.3	7.4	25.8	13.4	25.8	16.1
08/29/06	7.7	0.0	11.3	14.1	25.8	20.2	20.8	6.4	22.3	9.9	24.5	14.6
08/30/06	7.7	0.0	10.6	9.8	27.2	21.9	28.6	8.5	26.9	13.7	26.9	17.2
08/31/06	7.7	0.0	10.8	9.1	24.3	17.3	24.2	7.4	23.9	11.5	24.7	15.2

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		
08/18/06	163.7	98.2	158.3	47.4	156.1	62.5	159.7	89.9	0.0	58.2
08/19/06	146.1	64.8	125.7	38.0	122.2	48.5	141.7	93.1	0.0	37.1
08/20/06	117.4	46.6	121.7	36.5	122.2	48.9	134.6	89.6	0.0	33.5
08/21/06	142.7	81.1	124.0	37.3	123.0	49.3	129.0	85.9	0.0	31.5
08/22/06	153.1	92.5	136.2	41.6	133.0	53.2	143.3	87.2	0.0	44.7
08/23/06	152.7	68.7	142.4	43.8	133.6	52.9	139.8	84.0	1.7	42.6
08/24/06	151.3	61.5	135.4	41.7	136.5	53.9	147.6	86.7	0.0	49.3
08/25/06	164.6	91.6	151.3	45.2	143.9	57.7	156.7	88.9	0.0	56.4
08/26/06	186.3	112.1	180.6	54.1	174.3	69.9	185.0	89.1	2.1	82.3
08/27/06	125.7	56.7	124.6	37.4	127.9	50.6	149.8	86.8	0.0	51.5
08/28/06	138.6	55.3	134.7	40.2	127.1	51.5	126.2	80.0	0.0	34.7
08/29/06	163.9	92.4	131.4	39.6	134.7	53.3	144.7	84.5	0.0	48.7
08/30/06	152.4	92.3	133.9	40.0	128.3	51.9	146.2	85.4	0.9	48.4
08/31/06	125.5	57.5	122.5	36.8	119.0	47.6	130.7	87.6	0.0	33.3

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
Little Goose Dam											
	08/22/06	Chinook + Steelhead	5	0	0	0.00%	0.00%	0	0	0	0
	08/29/06	Chinook + Steelhead	2	0	0	0.00%	0.00%	0	0	0	0
Lower Monumental Dam											
	08/21/06	Chinook + Steelhead	4	0	0	0.00%	0.00%	0	0	0	0
McNary Dam											
	08/21/06	Chinook + Steelhead	100	0	0	0.00%	0.00%	0	0	0	0
	08/24/06	Chinook + Steelhead	100	0	0	0.00%	0.00%	0	0	0	0
	08/28/06	Chinook + Steelhead	100	0	0	0.00%	0.00%	0	0	0	0
Bonneville Dam											
	08/22/06	Chinook + Steelhead	71	0	0	0.00%	0.00%	0	0	0	0
	08/25/06	Chinook + Steelhead	98	0	0	0.00%	0.00%	0	0	0	0
	08/29/06	Chinook + Steelhead	60	0	0	0.00%	0.00%	0	0	0	0

HATCHERY RELEASE NEXT TWO WEEKS

Hatchery Release Summary									
From:		9/1/2006		to		9/14/2006			
Agency	Hatchery	Species	Race	MigYr	NumRel	RelStart	RelEnd	RelSite	RelRiver
Nez Perce Tribe	Clearwater Hatchery	CO	UN	2006	270,000	09-01-06	09-30-06	Lolo Creek	Clearwater River M F
Total					270,000				

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	<u>Hungry H. Dnst</u>			<u>Boundary</u>			<u>Grand Coulee</u>			<u>Grand C. Tlwr</u>			<u>Chief Joseph</u>							
	<u>24 h</u>	<u>12 h</u>	<u>#</u>	<u>24 h</u>	<u>12 h</u>	<u>#</u>	<u>24 h</u>	<u>12 h</u>	<u>#</u>	<u>24 h</u>	<u>12 h</u>	<u>#</u>	<u>24 h</u>	<u>12 h</u>	<u>#</u>					
	Avg	Avg	High	Avg	Avg	High	Avg	Avg	High	Avg	Avg	High	Avg	Avg	High					
8/18	105	106	107	24	106	107	108	24	107	108	108	24	106	107	109	24	107	108	108	24
8/19	106	106	107	24	107	108	108	24	108	109	110	24	107	109	113	24	108	108	109	24
8/20	106	106	107	24	107	108	108	24	108	108	109	24	107	108	111	24	108	108	109	24
8/21	106	106	106	25	108	109	110	25	108	109	110	25	107	108	110	25	108	108	109	25
8/22	106	107	108	24	108	109	109	24	109	109	110	24	107	109	112	24	108	108	109	24
8/23	105	105	105	24	109	109	109	24	109	109	109	24	107	108	111	24	108	108	108	24
8/24	105	105	105	24	108	108	108	24	109	109	110	24	106	107	110	24	106	107	107	24
8/25	104	105	105	24	108	108	108	24	108	109	109	24	105	106	108	24	106	106	107	24
8/26	104	104	105	24	108	109	109	24	108	108	109	24	105	106	109	24	106	107	108	24
8/27	104	105	105	24	108	109	109	24	108	108	109	24	105	106	108	24	106	107	107	24
8/28	104	104	105	14	109	110	110	24	108	108	109	15	105	106	107	24	107	107	108	24
8/29	105	105	106	24	109	109	110	24	109	109	109	24	106	107	109	24	107	107	108	23
8/30	104	105	105	24	108	108	109	24	108	108	109	24	105	106	109	24	105	106	106	24
8/31	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0

Total Dissolved Gas Saturation Data at Mid Columbia River Sites

Date	<u>Chief J. Dnst</u>			<u>Wells</u>			<u>Wells Dwnstrm</u>			<u>Rocky Reach</u>			<u>Rocky R. Tlwr</u>							
	<u>24 h</u>	<u>12 h</u>	<u>#</u>	<u>24 h</u>	<u>12 h</u>	<u>#</u>	<u>24 h</u>	<u>12 h</u>	<u>#</u>	<u>24 h</u>	<u>12 h</u>	<u>#</u>	<u>24 h</u>	<u>12 h</u>	<u>#</u>					
	Avg	Avg	High	Avg	Avg	High	Avg	Avg	High	Avg	Avg	High	Avg	Avg	High					
8/18	108	109	109	24	107	108	108	24	108	110	110	24	108	108	108	24	109	109	109	24
8/19	109	109	110	24	108	109	110	24	109	110	112	24	108	108	108	24	110	110	110	24
8/20	109	110	110	24	108	109	110	24	109	109	110	24	108	108	108	24	110	110	110	24
8/21	108	109	109	25	107	107	109	15	109	109	110	15	108	108	108	23	109	110	110	24
8/22	108	109	109	24	108	108	109	20	109	110	111	20	108	108	108	24	109	109	109	24
8/23	108	108	108	24	107	107	108	24	109	109	111	24	108	108	108	24	108	108	108	24
8/24	107	107	108	24	107	107	108	24	109	110	112	24	107	108	108	24	108	108	108	24
8/25	106	107	107	24	106	107	107	24	108	109	109	24	107	108	108	24	107	108	108	24
8/26	107	107	108	24	106	107	107	24	108	109	109	24	108	108	108	24	108	108	109	24
8/27	106	107	108	24	106	107	107	24	107	107	107	24	107	108	108	24	107	108	108	24
8/28	107	107	108	24	106	107	108	24	107	107	108	24	108	108	108	24	108	108	109	24
8/29	107	107	108	23	106	106	107	24	106	107	107	24	107	107	108	24	107	107	108	24
8/30	105	106	106	24	104	104	105	24	104	105	105	24	104	105	105	24	105	106	106	24
8/31	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0

Total Dissolved Gas Saturation at Mid Columbia River Sites

Date	<u>Rock Island</u>			<u>Rock I. Tlwr</u>			<u>Wanapum</u>			<u>Wanapum Tlwr</u>			<u>Priest Rapids</u>							
	<u>24 h</u>	<u>12 h</u>	<u>#</u>	<u>24 h</u>	<u>12 h</u>	<u>#</u>	<u>24 h</u>	<u>12 h</u>	<u>#</u>	<u>24 h</u>	<u>12 h</u>	<u>#</u>	<u>24 h</u>	<u>12 h</u>	<u>#</u>					
	Avg	Avg	High	Avg	Avg	High	Avg	Avg	High	Avg	Avg	High	Avg	Avg	High					
8/18	108	109	109	24	108	109	109	24	108	110	111	23	106	107	107	23	106	107	109	23
8/19	109	110	110	24	109	110	110	24	108	108	109	23	107	107	108	23	108	108	110	23
8/20	109	110	110	24	109	110	110	24	109	111	113	23	108	108	109	23	106	107	108	23
8/21	109	109	110	24	109	109	110	24	110	111	113	23	108	109	109	23	106	106	107	8
8/22	108	108	109	24	108	108	109	24	107	108	109	23	107	108	108	23	107	107	107	9
8/23	107	107	108	24	107	107	108	24	105	106	106	23	106	106	106	23	105	105	105	23
8/24	107	108	108	24	107	107	108	24	105	105	106	23	105	105	105	23	104	104	106	23
8/25	107	108	108	24	107	107	108	24	105	106	106	23	105	105	106	23	104	105	105	23
8/26	108	108	109	24	107	108	109	24	106	106	106	23	105	106	106	23	105	105	106	23
8/27	107	108	108	24	107	107	108	24	106	107	109	23	106	106	106	23	105	105	107	23
8/28	108	108	109	24	108	108	109	24	---	---	---	0	---	---	---	0	---	---	---	0
8/29	107	108	108	24	107	107	108	24	---	---	---	0	---	---	---	0	---	---	---	0
8/30	105	105	105	24	105	105	105	24	---	---	---	0	---	---	---	0	---	---	---	0
8/31	---	---	---	0	---	---	---	0	---	---	---	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 Lower Columbia and Snake River Sites

Date	Priest R. Dnst				Pasco				Dworshak				Clrwtr-Peck				Anatone			
	24 h		12 h		#	24 h		12 h		#	24 h		12 h		#	24 h		12 h		#
	Avg	Avg	High	hr		Avg	Avg	High	hr		Avg	Avg	High	hr		Avg	Avg	High	hr	
8/18	107	107	108	23	104	105	105	24	100	101	101	24	101	102	104	24	101	103	104	24
8/19	108	108	108	23	105	106	106	24	100	101	101	24	101	103	104	24	102	103	104	24
8/20	107	108	108	23	105	106	106	24	101	101	101	24	101	103	104	24	101	103	104	24
8/21	108	108	109	23	105	106	106	25	101	101	102	25	101	103	104	25	101	102	103	25
8/22	107	107	108	14	104	105	105	24	101	101	101	24	101	103	104	24	101	102	104	24
8/23	105	106	106	23	104	105	106	24	101	101	102	24	101	103	104	24	101	102	103	24
8/24	104	105	105	23	103	104	104	24	101	101	101	24	102	105	106	24	101	102	104	24
8/25	104	105	105	23	103	104	104	24	100	101	101	24	102	103	104	24	101	102	103	24
8/26	105	106	106	23	103	104	105	24	100	101	101	24	102	103	105	24	101	103	104	24
8/27	106	107	107	23	104	105	105	24	100	101	101	24	102	103	105	24	102	103	105	24
8/28	---	---	---	0	104	104	105	13	100	101	102	13	101	101	104	13	101	101	103	13
8/29	---	---	---	0	104	104	105	14	101	102	102	24	102	104	105	24	102	103	104	24
8/30	---	---	---	0	101	102	103	24	100	100	101	24	101	101	102	24	100	101	101	24
8/31	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0

Total Dissolved Gas Saturation Data at Snake River Sites

Date	Clrwtr-Lewiston				Lower Granite				L. Granite Tlwr				Little Goose				L. Goose Tlwr			
	24 h		12 h		#	24 h		12 h		#	24 h		12 h		#	24 h		12 h		#
	Avg	Avg	High	hr		Avg	Avg	High	hr		Avg	Avg	High	hr		Avg	Avg	High	hr	
8/18	103	105	107	24	101	101	102	24	111	111	112	24	106	106	106	24	111	112	112	24
8/19	103	105	106	24	101	102	102	24	112	112	113	24	106	106	107	24	111	112	112	24
8/20	103	105	106	24	101	101	101	24	114	115	116	24	107	108	108	24	112	112	113	24
8/21	103	104	106	25	101	101	102	25	115	115	116	25	108	108	109	25	111	112	112	25
8/22	102	104	105	24	101	101	101	24	115	115	115	24	108	109	109	24	111	112	112	24
8/23	102	104	105	23	102	102	103	24	114	115	115	24	107	108	109	24	111	111	112	24
8/24	102	103	105	24	102	103	103	24	112	112	114	24	107	108	108	24	111	112	112	24
8/25	102	104	105	24	102	102	103	24	111	112	113	24	106	106	107	24	111	111	112	24
8/26	102	104	106	24	101	101	102	24	109	110	110	24	106	106	107	24	109	110	111	24
8/27	103	105	106	24	101	101	102	24	109	110	110	24	107	107	107	24	110	110	111	24
8/28	101	101	105	13	101	101	102	13	114	114	118	13	107	107	107	13	111	111	112	13
8/29	102	104	105	24	100	101	101	24	118	118	119	24	109	109	110	24	110	111	111	24
8/30	101	101	102	24	99	100	100	24	117	118	118	24	106	107	109	24	110	111	111	24
8/31	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0

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

Date	Lower Mon.				L. Mon. Tlwr				Ice Harbor				Ice Harbor Tlwr				McNary-Oregon			
	24 h		12 h		#	24 h		12 h		#	24 h		12 h		#	24 h		12 h		#
	Avg	Avg	High	hr		Avg	Avg	High	hr		Avg	Avg	High	hr		Avg	Avg	High	hr	
8/18	106	106	107	24	114	115	115	24	109	109	110	24	114	114	115	24	---	---	---	0
8/19	107	107	108	24	114	115	115	24	110	110	110	24	112	113	114	24	---	---	---	0
8/20	108	108	109	24	117	120	121	24	110	110	111	24	112	114	115	24	---	---	---	0
8/21	108	109	109	25	114	115	117	25	111	111	111	25	111	112	113	25	---	---	---	0
8/22	108	109	109	24	117	119	120	24	111	111	111	24	112	114	114	24	---	---	---	0
8/23	107	107	107	24	114	114	115	24	110	110	111	24	112	113	114	24	---	---	---	0
8/24	107	107	107	24	114	115	115	24	110	110	110	24	111	113	114	24	---	---	---	0
8/25	107	107	107	24	113	114	116	24	109	109	110	24	111	111	112	24	---	---	---	0
8/26	106	106	107	24	112	114	116	24	108	109	109	24	111	112	112	24	---	---	---	0
8/27	106	106	107	24	110	110	113	23	109	109	109	24	110	111	111	24	---	---	---	0
8/28	107	107	107	13	113	113	114	13	109	110	110	13	109	109	111	13	---	---	---	0
8/29	108	108	109	24	112	114	114	24	110	110	110	24	109	110	110	24	---	---	---	0
8/30	106	106	107	24	113	115	119	24	108	108	109	24	110	112	113	24	---	---	---	0
8/31	---	---	---	0	---	---	---	0	---	---	---	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 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>#</u>	<u>24 h</u>	<u>12 h</u>	<u>#</u>	<u>24h</u>	<u>12h</u>	<u>#</u>	<u>24h</u>	<u>12h</u>	<u>#</u>	<u>24h</u>	<u>12h</u>	<u>#</u>					
	Avg	Avg	High	hr	Avg	Avg	High	hr	Avg	Avg	High	hr	Avg	AVG	High	hr				
8/18	104	104	104	24	116	116	117	24	103	103	104	24	114	115	116	24	106	107	107	24
8/19	105	105	107	24	114	115	115	24	104	104	104	24	114	115	115	24	108	108	108	24
8/20	105	105	106	24	112	113	113	24	103	104	104	24	114	114	115	24	108	108	109	24
8/21	106	107	108	25	115	117	117	25	103	103	104	24	114	114	115	25	107	107	108	25
8/22	105	106	106	24	116	116	116	24	102	102	103	24	114	114	115	24	105	105	106	24
8/23	105	105	105	24	113	115	116	24	102	102	102	24	114	115	115	24	104	104	104	24
8/24	103	103	104	24	113	113	114	24	102	103	103	24	114	115	115	24	104	104	104	24
8/25	103	103	104	24	115	116	116	24	103	104	104	24	115	115	116	24	105	106	106	24
8/26	104	104	104	24	116	117	117	24	104	104	104	24	116	117	118	24	107	108	108	24
8/27	103	104	104	24	113	114	114	24	104	104	104	24	115	115	115	24	108	108	109	24
8/28	103	103	104	9	112	112	115	13	104	104	104	14	114	114	115	14	108	108	109	14
8/29	104	105	105	24	114	116	116	24	104	104	104	24	115	116	118	24	105	107	107	24
8/30	102	103	103	24	115	115	116	24	103	103	103	24	115	116	117	24	103	104	105	24
8/31	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0

Total Dissolved Gas Saturation Data at Lower Columbia River Sites

Date	<u>The Dalles Dnst</u>			<u>Bonneville</u>			<u>Warrendale</u>			<u>CamasWashougal</u>			<u>Cascade Island</u>							
	<u>24 h</u>	<u>12 h</u>	<u>#</u>	<u>24 h</u>	<u>12 h</u>	<u>#</u>	<u>24h</u>	<u>12h</u>	<u>#</u>	<u>24h</u>	<u>12h</u>	<u>#</u>	<u>24h</u>	<u>12h</u>	<u>#</u>					
	Avg	Avg	High	hr	Avg	Avg	High	hr	Avg	Avg	High	hr	Avg	AVG	High	hr				
8/18	112	113	114	24	103	104	105	24	---	---	---	0	113	115	116	24	117	118	118	17
8/19	114	114	115	24	107	109	109	24	---	---	---	0	113	115	117	24	117	117	118	17
8/20	114	114	114	24	109	110	110	24	---	---	---	0	115	117	118	24	117	117	118	17
8/21	113	113	114	25	108	109	109	25	---	---	---	0	114	114	116	25	117	117	118	18
8/22	112	112	112	24	104	105	106	24	---	---	---	0	112	113	114	24	117	117	117	17
8/23	111	111	111	24	103	103	103	24	---	---	---	0	110	111	112	24	117	117	117	17
8/24	111	112	112	24	102	103	103	24	---	---	---	0	110	111	113	24	117	117	118	17
8/25	113	113	114	24	103	104	105	24	---	---	---	0	112	114	116	24	117	117	118	17
8/26	114	115	115	24	106	108	108	24	---	---	---	0	112	114	115	24	118	118	118	17
8/27	114	115	115	24	110	111	111	24	---	---	---	0	112	114	116	24	118	118	118	17
8/28	114	114	115	14	111	111	111	14	---	---	---	0	113	114	115	14	117	117	117	7
8/29	112	113	114	24	107	108	110	24	---	---	---	0	111	112	114	24	117	117	118	17
8/30	111	111	112	24	104	104	105	24	114	114	115	13	110	111	112	24	117	117	118	17
8/31	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	117	117	118	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/currentsmptsubmitdata.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)
08/18/2006	---	---	---	---	0	0	0	0	0	0	0
08/19/2006	*	---	---	---	0	0	0	0	0	0	0
08/20/2006		---	---	---	0	0	0	0	0	0	0
08/21/2006	*	---	---	---	0	0	0	0	0	0	0
08/22/2006		---	---	---	0	0	0	0	0	0	0
08/23/2006	*	---	---	---	0	0	0	0	0	0	0
08/24/2006	*	---	---	---	0	0	0	0	0	0	0
08/25/2006	*	---	---	---	0	0	0	0	0	0	0
08/26/2006	*	---	---	---	0	0	0	0	0	0	0
08/27/2006	*	---	---	---	2	0	0	0	0	0	0
08/28/2006	*	---	---	---	0	0	0	0	0	0	0
08/29/2006	*	---	---	---	0	0	0	0	0	0	0
08/30/2006	*	---	---	---	0	1	0	0	0	0	0
08/31/2006	*	---	---	---	0	3	0	0	0	0	0
09/01/2006		---	---	---	---	---	---	---	---	---	---
<hr/>											
Total:	0	0	0	0	2	4	0	0	0	0	0
# Days:	0	0	0	0	14	14	14	14	14	14	14
Average:	0	0	0	0	0	0	0	0	0	0	0
YTD	30,897	25,910	13,056	18,995	3,692,701	4,182,823	1,439,249	37,267	1,560,870	2,250,569	2,256,364

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)
08/18/2006		---	---	---	78	52	7	45	2,549	4,045	640
08/19/2006	*	---	---	---	97	68	11	63	1,824	0	1,050
08/20/2006		---	---	---	44	57	10	49	1,725	1,783	1,448
08/21/2006	*	---	---	---	115	62	3	20	1,827	0	582
08/22/2006		---	---	---	130	46	30	36	3,274	1,039	707
08/23/2006	*	---	---	---	146	36	14	16	933	0	915
08/24/2006	*	---	---	---	69	53	2	47	436	1,281	887
08/25/2006	*	---	---	---	43	33	0	66	1,095	0	938
08/26/2006	*	---	---	---	55	26	2	25	1,447	1,567	836
08/27/2006	*	---	---	---	41	19	3	36	1,292	0	573
08/28/2006	*	---	---	---	44	16	14	12	637	553	391
08/29/2006	*	---	---	---	33	37	24	12	1,080	0	449
08/30/2006	*	---	---	---	46	37	5	17	755	373	519
08/31/2006	*	---	---	---	27	24	18	10	574	0	596
09/01/2006		---	---	---	---	---	---	---	---	---	---
<hr/>											
Total:	0	0	0	0	968	566	143	454	19,448	10,641	10,531
# Days:	0	0	0	0	14	14	14	14	14	14	14
Average:	0	0	0	0	69	40	10	32	1,389	760	752
YTD	3	30	15	291	748,051	1,128,695	357,739	32,142	4,066,634	2,824,165	3,852,265

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)
08/18/2006	---	---	---	---	2	0	0	0	0	0	0
08/19/2006	*	---	---	---	0	0	0	2	0	0	0
08/20/2006		---	---	---	0	0	0	0	0	0	0
08/21/2006	*	---	---	---	0	0	0	0	0	0	0
08/22/2006		---	---	---	0	0	0	0	0	0	0
08/23/2006	*	---	---	---	0	0	0	0	0	0	0
08/24/2006	*	---	---	---	0	0	0	1	0	0	0
08/25/2006	*	---	---	---	0	0	0	1	0	0	0
08/26/2006	*	---	---	---	2	0	0	0	0	0	0
08/27/2006	*	---	---	---	0	0	0	0	0	0	0
08/28/2006	*	---	---	---	0	0	0	0	0	0	0
08/29/2006	*	---	---	---	0	0	0	0	0	0	0
08/30/2006	*	---	---	---	0	0	0	0	0	0	0
08/31/2006	*	---	---	---	0	0	0	0	0	0	0
09/01/2006		---	---	---	---	---	---	---	---	---	---
<hr/>											
Total:	0	0	0	0	4	0	0	4	0	0	0
# Days:	0	0	0	0	14	14	14	14	14	14	14
Average:	0	0	0	0	0	0	0	0	0	0	0
YTD	0	0	0	49	86,166	133,019	33,976	61,284	102,165	316,789	657,541

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)
08/18/2006	---	---	---	---	0	0	0	0	0	0	0
08/19/2006	*	---	---	---	0	0	0	1	0	0	0
08/20/2006		---	---	---	0	0	0	0	0	0	0
08/21/2006	*	---	---	---	0	0	0	1	0	0	0
08/22/2006		---	---	---	0	0	2	0	0	0	0
08/23/2006	*	---	---	---	0	1	0	0	13	0	0
08/24/2006	*	---	---	---	0	1	2	1	0	0	0
08/25/2006	*	---	---	---	0	0	0	0	0	0	0
08/26/2006	*	---	---	---	2	0	0	0	0	0	0
08/27/2006	*	---	---	---	0	0	0	0	0	0	0
08/28/2006	*	---	---	---	0	0	0	0	0	0	0
08/29/2006	*	---	---	---	0	0	0	0	0	0	0
08/30/2006	*	---	---	---	0	0	0	0	0	0	0
08/31/2006	*	---	---	---	0	0	0	0	0	0	0
09/01/2006		---	---	---	---	---	---	---	---	---	---
<hr/>											
Total:	0	0	0	0	2	2	4	3	13	0	0
# Days:	0	0	0	0	14	14	14	14	14	14	14
Average:	0	0	0	0	0	0	0	0	1	0	0
YTD	1,970	19,014	9,317	3,068	4,483,428	4,376,053	1,265,454	26,931	446,273	1,682,235	271,624

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)	
08/18/2006	---	---	---	---	0	0	0	0	0	20	0	
08/19/2006	*	---	---	---	0	0	0	1	13	0	0	
08/20/2006		---	---	---	0	0	0	2	0	0	0	
08/21/2006	*	---	---	---	0	0	0	0	17	0	0	
08/22/2006		---	---	---	3	0	0	1	0	14	0	
08/23/2006	*	---	---	---	3	0	0	0	0	0	0	
08/24/2006	*	---	---	---	0	0	0	4	0	0	0	
08/25/2006	*	---	---	---	2	0	0	3	44	0	0	
08/26/2006	*	---	---	---	0	0	0	1	0	0	0	
08/27/2006	*	---	---	---	0	1	0	4	13	0	0	
08/28/2006	*	---	---	---	0	0	0	3	0	0	0	
08/29/2006	*	---	---	---	0	0	2	1	9	0	0	
08/30/2006	*	---	---	---	0	0	0	1	0	10	0	
08/31/2006	*	---	---	---	0	0	0	0	0	0	0	
09/01/2006		---	---	---	---	---	---	---	---	---	---	
Total:		0	0	0	8	1	2	21	96	44	0	
# Days:		0	0	0	14	14	14	14	14	14	14	
Average:		0	0	0	1	0	0	2	7	3	0	
YTD		13	0	0	679	51,869	92,638	40,239	34,604	497,071	529,290	407,753

* 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:

9/1/06 8:59 AM

08/18/06 TO 09/01/06

		Species						
Site	Data	CH0	CH1	CO	SO	ST	Grand Total	
LGR	Sum of NumberCollected	389	1	2	3	1	396	
	Sum of NumberBarged	0	0	0	0	0	0	
	Sum of NumberBypassed	0	0	0	0	0	0	
	Sum of Numbertrucked	387	1	2	2	1	393	
	Sum of SampleMorts	2	0	0	1	0	3	
	Sum of FacilityMorts	0	0	0	0	0	0	
	Sum of ResearchMorts	0	0	0	0	0	0	
	Sum of TotalProjectMorts	2	0	0	1	0	3	
LGS	Sum of NumberCollected	391	3			2	396	
	Sum of NumberBarged	0	0			0	0	
	Sum of NumberBypassed	0	0			0	0	
	Sum of Numbertrucked	385	3			2	390	
	Sum of SampleMorts	2	0			0	2	
	Sum of FacilityMorts	4	0			0	4	
	Sum of ResearchMorts	0	0			0	0	
	Sum of TotalProjectMorts	6	0			0	6	
LMN	Sum of NumberCollected	67				1	2	70
	Sum of NumberBarged	0				0	0	0
	Sum of NumberBypassed	0				0	0	0
	Sum of Numbertrucked	66				1	2	69
	Sum of SampleMorts	1				0	0	1
	Sum of FacilityMorts	0				0	0	0
	Sum of ResearchMorts	0				0	0	0
	Sum of TotalProjectMorts	1				0	0	1
MCN	Sum of NumberCollected	8,765				50	5	8,820
	Sum of NumberBarged	0				0	0	0
	Sum of NumberBypassed	0				0	0	0
	Sum of Numbertrucked	8,642				48	5	8,695
	Sum of SampleMorts	17				0	0	17
	Sum of FacilityMorts	106				2	0	108
	Sum of ResearchMorts	0				0	0	0
	Sum of TotalProjectMorts	123				2	0	125
Total Sum of NumberCollected		9,612	4	2	54	10	9,682	
Total Sum of NumberBarged		0	0	0	0	0	0	
Total Sum of NumberBypassed		0	0	0	0	0	0	
Total Sum of Numbertrucked		9,480	4	2	51	10	9,547	
Total Sum of SampleMorts		22	0	0	1	0	23	
Total Sum of FacilityMorts		110	0	0	2	0	112	
Total Sum of ResearchMorts		0	0	0	0	0	0	
Total Sum of TotalProjectMorts		132	0	0	3	0	135	

YTD Transportation Summary

Source: Fish Passage Center

Updated:

9/1/06 8:59 AM

TO: 09/01/06

		Species					
Site	Data	CH0	CH1	CO	SO	ST	Grand Total
LGR	Sum of NumberCollected	478,951	2,407,710	51,171	32,618	2,820,597	5,791,047
	Sum of NumberBarged	459,367	1,964,112	46,809	25,789	2,467,171	4,963,248
	Sum of NumberBypassed	17,386	437,073	4,214	6,237	352,045	816,955
	Sum of NumberTrucked	603	1	4	2	3	613
	Sum of SampleMorts	278	203	2	31	101	615
	Sum of FacilityMorts	1,276	6,010	140	558	1,220	9,204
	Sum of ResearchMorts	41	311	2	1	57	412
	Sum of TotalProjectMorts	1,595	6,524	144	590	1,378	10,231
LGS	Sum of NumberCollected	767,561	3,131,515	88,080	63,226	3,228,559	7,278,941
	Sum of NumberBarged	755,563	2,746,888	86,462	53,002	2,634,378	6,276,293
	Sum of NumberBypassed	4,275	376,358	1,524	8,895	591,429	982,481
	Sum of NumberTrucked	509	3	0	0	2	514
	Sum of SampleMorts	180	138	0	23	21	362
	Sum of FacilityMorts	2,993	5,761	94	1,306	740	10,894
	Sum of ResearchMorts	23	22	0	0	1	46
	Sum of TotalProjectMorts	3,196	5,921	94	1,329	762	11,302
LMN	Sum of NumberCollected	249,174	1,096,139	23,183	27,783	935,554	2,331,833
	Sum of NumberBarged	242,161	1,060,701	23,024	27,012	883,887	2,236,785
	Sum of NumberBypassed	6,327	34,453	159	576	51,011	92,526
	Sum of NumberTrucked	135	0	0	1	2	138
	Sum of SampleMorts	156	47	0	9	34	246
	Sum of FacilityMorts	394	938	0	185	620	2,137
	Sum of ResearchMorts	1	0	0	0	0	1
	Sum of TotalProjectMorts	551	985	0	194	654	2,384
MCN	Sum of NumberCollected	2,099,769	830,103	47,855	253,115	232,048	3,462,890
	Sum of NumberBarged	988,885	326	100	938	69	990,318
	Sum of NumberBypassed	1,090,008	828,856	47,736	251,700	231,814	2,450,114
	Sum of NumberTrucked	12,813	1	0	78	5	12,897
	Sum of SampleMorts	447	117	1	29	13	607
	Sum of FacilityMorts	7,421	761	15	353	141	8,691
	Sum of ResearchMorts	196	42	3	17	6	264
	Sum of TotalProjectMorts	8,064	920	19	399	160	9,562
Total Sum of NumberCollected		3,595,455	7,465,467	210,289	376,742	7,216,758	18,864,711
Total Sum of NumberBarged		2,445,976	5,772,027	156,395	106,741	5,985,505	14,466,644
Total Sum of NumberBypassed		1,117,996	1,676,740	53,633	267,408	1,226,299	4,342,076
Total Sum of NumberTrucked		14,060	5	4	81	12	14,162
Total Sum of SampleMorts		1,061	505	3	92	169	1,830
Total Sum of FacilityMorts		12,084	13,470	249	2,402	2,721	30,926
Total Sum of ResearchMorts		261	375	5	18	64	723
Total Sum of TotalProjectMorts		13,406	14,350	257	2,512	2,954	33,479

Cumulative Adult Passage at Mainstem Dams Through: 08/31

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	08/30	96,316	2,908	74,038	4,288	151,682	8,418	97,519	4,355	79,208	4,495	61,165	7,724	45,964	3,740	39,887	2,422	69,581	5,411
TDA	08/30	61,827	2,176	60,964	3,210	104,618	6,110	81,219	3,620	69,650	3,486	53,046	5,654	18,084	1,995	20,971	1,279	27,887	2,573
JDA	08/28	50,313	2,093	56,027	2,715	87,807	4,857	73,837	4,150	64,034	5,405	49,520	5,613	7,189	1,489	8,955	1,107	12,267	1,565
MCN	08/30	45,355	2,475	51,855	3,201	80,814	5,125	62,422	3,387	63,779	3,079	49,097	5,314	5,789	952	7,624	646	9,898	1,145
IHR	08/30	25,465	843	28,039	1,267	54,334	3,256	8,673	565	8,827	990	11,044	1,889	963	170	846	169	779	108
LMN	08/30	23,596	551	25,933	1,002	51,936	3,032	10,058	511	8,354	804	10,507	1,557	943	253	519	71	508	92
LGS	08/30	20,839	745	23,995	923	49,856	3,088	8,315	601	6,987	974	9,147	1,822	566	72	341	49	315	42
LGR	08/30	22,963	984	26,028	1,258	49,902	3,362	8,216	722	6,736	1,078	9,243	1,994	421	83	157	46	200	44
PRD	08/27	8,535	81	14,148	515	16,757	523	57,236	556	61,227	1,898	44,110	2,023	2,526	444	2,264	18	3,045	352
RIS	08/30	9,245	473	11,908	504	13,259	737	59,718	2,086	54,033	2,443	40,419	4,637	1,591	294	1,871	203	1,770	492
RRH	08/30	5,376	274	4,568	417	4,860	283	41,234	1,744	42,348	2,261	30,156	3,122	1,312	186	1,201	148	1,363	421
WEL	08/29	4,043	214	4,897	99	3,488	193	25,633	1,942	30,161	678	22,352	1,426	218	98	74	5	95	20
WFA	08/24	34,695	168	35,453	1,180	3,480	87	0	0	0	0	0	0	85	1	41	1	0	0

DAM	Coho						Sockeye			Steelhead			
	2006		2005		10-Yr Avg.		10-Yr		10-Yr			Wild	
	Adult	Jack	Adult	Jack	Adult	Jack	2006	2005	Avg.	2006	2005	Avg.	2006
BON	11,417	332	2,996	291	6,221	461	37,054	72,951	60,133	205,425	205,816	221,456	59,102
TDA	1,200	60	330	50	391	66	30,022	65,264	50,294	60,307	70,129	90,288	19,640
JDA	128	21	151	20	77	4	35,385	69,761	54,246	39,626	52,601	60,310	12,609
MCN	29	4	38	1	30	0	29,220	63,530	46,924	26,044	39,815	46,059	7,593
IHR	3	1	0	0	2	0	54	18	27	12,722	18,173	24,248	2,811
LMN	1	0	0	0	0	0	16	18	29	13,764	14,023	19,883	3,045
LGS	0	0	0	0	0	0	24	13	33	6,951	8,877	13,626	1,935
LGR	0	0	0	0	0	0	15	18	34	10,382	10,496	14,641	3,004
PRD	28	2	21	2	7	0	26,705	74,555	58,612	3,361	4,487	5,751	0
RIS	0	0	9	0	1	0	34,925	71,192	53,553	2,957	4,862	5,055	1,274
RRH	0	0	0	0	1	0	25,363	55,526	37,451	2,215	3,559	3,646	903
WEL	0	0	0	0	0	0	21,978	53,117	36,431	991	1,944	2,132	413
WFA	0	0	1	0	0	0	0	0	0	28,628	19,166	18,050	0

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: 09/01/06

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
2,708

