



# Fish Passage Center Weekly Report #07 - 29

September 21,  
2007

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**NOTE: This is the last weekly report of the season; bi-weekly reports begin October 5th through the end of October.**

## **Summary of Events:**

**Water Supply:** Precipitation throughout the Columbia Basin varied between 5% and 168% of average at individual sub-basins over the first ten days of September. Precipitation above The Dalles has been 47% of average over September. Over the entire water year, precipitation has varied between 73% and 100% of average at individual sub-basins.

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

Location	Water Year 2007 September 1-10		Water Year 2007 October 1, 2006 to September 1-10	
	Observed (inches)	% Average	Observed (inches)	% Average
Columbia Above Coulee	0.13	25	23.62	96
Snake River Above Ice Harbor	0.31	88	13.33	77
Columbia Above The Dalles	0.20	47	21.02	93
Kootenai	0.08	14	25.01	99
Clark Fork	0.20	51	15.81	92
Flathead	0.06	12	19.72	87
Pend Oreille/Spokane	0.02	5	25.87	85
Central Washington	0.02	16	7.77	88
Snake River Plain	0.47	168	8.12	73
Salmon/Boise/ Payette	0.12	37	14.76	76
Clearwater	0.11	20	26.38	88
SW Washington Cascades/Cowlitz	0.18	17	66.66	96
Willamette Valley	0.27	38	58.38	100

Grand Coulee refilled 1.5 feet last week, ending September 20th at 1282.9 feet. Outflows at Grand Coulee ranged between 44.5 and 63.4 Kcfs last week.

Dworshak is currently at an elevation of 1519.3 feet (9-20-07), drafting 1.1 feet last week. Outflows at Dworshak are currently 1.7 Kcfs.

The Libby Reservoir is currently at elevation 2435.9 feet (9-20-07) and drafted 0.6 feet last week. Outflows at Libby have been reduced to 6.0 Kcfs.

Hungry Horse is currently at an elevation of 3538.6 feet (9-20-07) and drafted 1.1 feet last week. Outflows at Hungry Horse are currently at 2.6 Kcfs.

The Brownlee Reservoir was at an elevation of 2049.3 feet on September 20th, 2007, drafting 1.7 feet last week. Outflows at Brownlee Dam have been 9.8 to 12.9 Kcfs over the last week.

**Smolt Monitoring:** Subyearling indices were lower or steady at most SMP sites this week. Few spring migrants are being seen at SMP sites now. With the end of spill GBT monitoring also ended at SMP sites August 31. Sampling at Rock Island Dam ended August 31. Sampling also ended at McNary Dam and John Day Dam September 14 and 13 respectively.

At Lower Granite Dam, there was a decrease in the average subyearling passage index, with the average this week at 25 per day compared to 46 per day last week. Indices of subyearling Chinook decreased at Little Goose Dam and remained very low at Lower Monumental Dam this past week.

In the Lower Columbia, sampling ended at McNary Dam due to excessive numbers of shad

in the sample, making truck transport of subyearling chinook infeasible. Sampling at John Day Dam ended as scheduled. At Bonneville Dam, sampling had been reduced due high numbers of shad, but sample rate is now above 20% again as the large pulse of juvenile shad seemed to have passed. At Bonneville Dam the subyearling Chinook index averaged 150 this week compared to 151 per day last week.

#### **Hatchery Release:**

**Snake River Zone:** The Snake River Zone encompasses the Snake River and its tributaries from its confluence with the Columbia River to Hells Canyon Dam. There were no scheduled releases of juvenile salmonids into this zone this week.

Approximately 378,000 spring Chinook parr are scheduled for release into the Lochsa River, beginning on or around September 27. In addition, 125,000 spring Chinook parr are scheduled for release into the South Fork of the Clearwater River, also beginning on or around September 27. Beginning in October, approximately 225,000 spring Chinook parr will be released into the Clearwater River, with 67% scheduled for release into the middle fork and 33% scheduled for release into the south fork. All spring Chinook parr being released over the next two weeks are not expected to out-migrate until 2008. Finally, approximately 105,000 sockeye pre-smolts are scheduled for release into the Salmon River Basin over the month of October. Of these, 19% will be released into the Pettit Lake, 19% will be released into Alturas Lake, and the remaining 62% will be released into Redfish Lake. These pre-smolts are not expected to out-migrate until 2008. There are no other releases scheduled for this zone over the next two weeks.

**Mid-Columbia Zone:** The Mid-Columbia Zone encompasses the area of the Columbia River and its tributaries from McNary Dam to Chief Joseph Dam. There were no scheduled releases of juvenile salmonids into this zone this week. Furthermore, there are no scheduled releases of juvenile salmonids into this zone over the next two weeks.

**Lower Columbia Zone:** The Lower Columbia Zone is defined as the Columbia River and its

tributaries from Bonneville Dam to McNary Dam. There were no releases scheduled for the Lower Columbia River Zone this week nor are there any releases scheduled for this zone over the next two weeks.

**Adult Fish Passage:** At Bonneville dam, daily counts for fall Chinook began on August 1st. As of September 19th, 119,701 fall Chinook adults and 30,043 jacks had passed Bonneville Dam. This season, the 2007 Bonneville adult fall Chinook count is about 56.5 percent of the 2006 count and is about 38.9 percent of the 10-year average. The 2007 Bonneville jack fall Chinook count is 1.94 times greater than the 2006 count and 1.18 times greater than the 10-year average. Daily counts for adult fall Chinook began August 4th at The Dalles Dam. Daily fall Chinook totals ranged from 1,323 to 2,711 at The Dalles Dam as of September 19th, with a total count of 59,314. Fall Chinook counts began August 18th at Rock Island Dam. As of September 19th, the daily fall Chinook counts at Rock Island Dam ranged between 16 and 46 with a total of 2,546 for the season.

The 2007 steelhead count at Bonneville Dam was 292,090 as of September 19th. This season, the 2007 Bonneville steelhead count is about 99.6 percent of the 2006 count and is about 98.3 percent of the 10-year average. The daily steelhead counts at The Dalles Dam ranged between 3,694 and 7,988 for the week with the cumulative count of 171,385. About 58.6 percent of the steelhead counted at Bonneville has passed The Dalles Dam. The majority of the 100,939 steelhead counted at McNary Dam have moved up into the Snake River with the cumulative count at Ice Harbor now at 55,668 for the season. The cumulative count at Priest Rapids was at 10,781 for the season.

The coho salmon run at Bonneville has been increasing over the last week with 49,179 adults and 1,910 jacks to date. To date, the 2007 Bonneville coho count is about 93.4 percent of the 2006 count and 82.9 percent of the 10-year average. Four chum and 27 pink salmon have been observed at Bonneville Dam so far this season.

**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
09/07/07	69.9	0.1	66.8	0.0	56.6	0.0	55.9	0.0	58.0	0.0	42.4	0.9	40.4	0.7
09/08/07	55.8	0.2	54.8	0.0	54.8	0.0	56.9	0.0	57.6	0.0	43.0	1.5	40.4	0.5
09/09/07	45.2	0.1	52.6	0.0	51.9	0.0	48.0	0.0	47.8	0.0	43.0	1.8	40.2	0.8
09/10/07	68.8	0.1	63.8	0.0	68.2	0.0	71.0	0.0	69.0	0.0	79.3	1.8	69.6	1.1
09/11/07	61.7	0.1	63.8	0.0	62.9	0.0	66.2	0.0	67.4	0.0	75.9	1.6	77.0	0.6
09/12/07	71.3	0.2	75.3	0.0	73.0	0.0	70.9	0.0	69.7	0.0	60.8	1.7	57.2	0.9
09/13/07	65.5	0.1	66.1	0.0	66.0	0.0	65.5	0.0	66.3	0.0	74.0	1.7	80.4	0.9
09/14/07	57.9	0.1	61.7	0.0	63.0	0.0	65.8	0.0	66.6	0.0	79.5	2.0	72.0	0.8
09/15/07	55.4	0.2	54.2	0.0	54.9	0.0	54.1	0.0	53.7	0.0	48.7	1.7	57.3	0.6
09/16/07	44.5	0.2	43.4	0.0	48.8	0.0	52.3	0.0	52.7	0.0	62.3	1.8	49.5	0.7
09/17/07	63.0	0.1	63.0	0.0	62.7	0.0	62.0	0.0	61.0	0.0	60.6	1.5	58.0	1.1
09/18/07	63.4	0.1	62.9	0.0	64.3	0.0	62.5	0.0	59.9	0.0	72.4	1.7	73.0	1.1
09/19/07	62.3	0.2	62.0	0.0	64.7	0.0	67.4	0.0	67.6	0.0	63.5	1.7	66.2	0.9
09/20/07	57.5	0.1	56.4	0.0	54.9	0.0	55.9	0.0	55.6	0.0	66.1	1.5	65.9	0.9

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

Date	Dworshak		Hells Brownlee Canyon		Lower Granite		Little Goose		Lower Monumental		Ice Harbor	
	Flow	Spill	Inflow	Outflow	Flow	Spill	Flow	Spill	Flow	Spill	Flow	Spill
09/07/07	7.8	0.0	8.9	11.6	23.4	0.0	13.1	0.0	15.0	0.0	12.9	0.0
09/08/07	7.8	0.0	9.3	10.0	23.5	0.0	26.4	0.0	25.7	0.5	28.2	0.0
09/09/07	7.7	0.0	9.9	11.0	19.8	0.0	17.2	1.8	14.4	0.0	12.3	0.0
09/10/07	5.6	0.0	9.4	13.0	24.2	0.0	23.5	1.2	22.3	0.0	20.3	0.0
09/11/07	5.5	0.0	9.6	12.2	22.7	0.0	22.7	0.0	23.7	0.9	23.6	0.0
09/12/07	5.5	0.0	9.8	11.5	21.2	0.0	22.9	0.0	24.8	0.0	25.2	0.0
09/13/07	5.3	0.0	9.1	11.1	20.3	0.0	15.6	0.3	17.3	0.0	15.9	0.0
09/14/07	2.3	0.0	9.3	12.5	18.7	0.0	17.3	0.0	17.2	0.0	14.7	0.0
09/15/07	2.4	0.0	9.6	13.0	20.8	0.0	18.0	1.4	18.5	0.0	19.3	0.0
09/16/07	2.4	0.0	9.0	12.1	19.0	0.0	17.0	0.0	17.6	0.0	15.8	0.0
09/17/07	1.8	0.0	9.9	12.3	18.1	0.0	17.1	0.0	17.4	0.0	17.5	0.0
09/18/07	1.8	0.0	9.3	10.9	16.3	0.0	16.0	0.0	16.4	0.0	15.4	0.0
09/19/07	1.8	0.0	9.5	9.8	17.0	0.0	16.0	0.0	16.0	0.0	17.1	0.0
09/20/07	1.7	0.0	---	---	17.3	0.0	16.0	0.0	16.8	0.0	16.0	0.0

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

Date	McNary		John Day		The Dalles		Bonneville			
	Flow	Spill	Flow	Spill	Flow	Spill	Flow	Spill	PH1	PH2
09/07/07	82.4	0.0	79.8	0.9	81.4	0.0	91.1	1.5	2.0	81.2
09/08/07	71.0	0.0	75.5	0.9	77.2	0.0	85.5	1.5	0.0	77.5
09/09/07	72.1	0.0	63.2	0.8	64.4	0.0	80.9	1.5	0.0	72.9
09/10/07	79.1	0.0	79.1	0.9	81.7	0.0	77.8	1.5	0.0	69.7
09/11/07	88.5	0.0	90.8	0.8	90.2	0.0	96.6	1.5	8.1	80.2
09/12/07	83.5	0.0	88.5	0.8	93.2	0.0	99.8	1.5	7.7	84.1
09/13/07	90.2	0.0	85.0	0.8	85.1	0.0	90.0	1.5	1.0	81.0
09/14/07	95.0	0.0	88.8	0.8	88.6	0.0	95.4	1.5	0.6	86.7
09/15/07	87.8	0.0	80.4	0.8	81.3	0.0	86.2	1.5	0.4	77.8
09/16/07	66.5	0.0	65.3	0.7	67.4	0.0	77.4	1.5	0.0	69.0
09/17/07	79.0	0.0	77.4	0.8	79.6	0.0	81.7	1.4	0.0	73.5
09/18/07	79.2	0.0	78.0	0.7	77.8	0.0	86.5	1.4	0.0	78.3
09/19/07	79.1	0.0	82.1	0.9	83.9	0.0	91.3	1.4	1.8	81.2
09/20/07	91.3	0.0	89.2	0.9	89.1	0.0	96.8	1.5	5.3	83.1

Hatchery Release Summary

From: 9/21/2007 to 10/4/2007

Agency	Hatchery	Species	Race	MigYr	NumRel	RelStart	RelEnd	RelSite	RelRiver
Idaho Dept. of Fish and Game	Clearwater Hatchery	CH0	SP	2008	125,000	09-27-07	09-28-07	Red River Acclim Pond	S Fk Clearwater River
Idaho Dept. of Fish and Game	Clearwater Hatchery	CH0	SP	2008	378,000	09-27-07	09-28-07	Powell Acclim Pond	Lochsa River
Idaho Dept. of Fish and Game	Eagle Hatchery	SO	UN	2008	20,000	10-01-07	10-31-07	Alturas Lake	Salmon River (ID)
Idaho Dept. of Fish and Game	Eagle Hatchery	SO	UN	2008	20,000	10-01-07	10-31-07	Pettit Lake	Salmon River (ID)
Idaho Dept. of Fish and Game	Eagle Hatchery	SO	UN	2008	65,000	10-01-07	10-31-07	Redfish Lake	Salmon River (ID)
<b>Idaho Dept. of Fish and Game Total</b>					<b>608,000</b>				
Nez Perce Tribe	Nez Perce Tribal Hatchery	CH0	SP	2008	75,000	10-03-07	10-17-07	Newsome Creek	S Fk Clearwater River
Nez Perce Tribe	Nez Perce Tribal Hatchery	CH0	SP	2008	150,000	10-02-07	10-16-07	Lolo Creek	Clearwater River M F
<b>Nez Perce Tribe Total</b>					<b>225,000</b>				
<b>Grand Total</b>					<b>833,000</b>				

## 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					
9/7	104	105	105	24	104	104	105	24	104	104	104	24	101	102	104	24	103	104	104	24
9/8	103	104	104	24	103	104	104	24	103	104	104	24	99	100	100	24	102	103	103	24
9/9	103	103	104	24	103	104	104	24	103	103	104	24	99	99	100	24	102	103	103	24
9/10	102	103	104	24	103	105	105	24	104	104	105	24	99	100	101	24	102	103	103	24
9/11	103	103	104	24	104	105	105	24	105	105	106	24	100	101	101	24	103	104	104	24
9/12	103	104	104	24	104	104	105	24	104	105	105	24	101	101	102	24	103	103	104	24
9/13	102	102	102	24	104	104	105	24	104	104	105	24	100	101	101	24	103	103	104	24
9/14	103	104	104	24	104	104	105	24	104	104	105	24	100	101	101	24	103	103	104	24
9/15	103	103	104	23	104	105	106	23	104	105	105	23	100	101	102	23	103	103	104	24
9/16	103	104	104	24	105	105	106	24	105	105	105	22	101	101	102	24	103	104	104	24
9/17	103	103	104	24	104	105	105	24	104	104	105	24	100	101	101	24	102	103	103	24
9/18	109	113	113	24	104	104	105	24	103	104	104	24	100	101	101	24	102	102	102	24
9/19	113	113	113	23	103	103	104	24	103	103	103	24	100	101	102	24	101	102	102	24
9/20	113	113	113	21	103	104	104	24	102	103	103	18	100	101	102	24	102	102	102	24

### 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					
9/7	104	104	106	24	103	104	105	24	103	104	105	24	103	103	104	24	103	103	103	24
9/8	103	104	105	24	103	104	105	24	103	104	104	24	102	102	103	24	102	102	103	24
9/9	103	104	105	24	103	104	106	24	103	104	105	24	102	102	103	24	102	102	103	24
9/10	103	103	104	12	104	105	106	24	103	104	105	24	102	102	103	24	102	103	103	24
9/11	---	---	---	0	105	106	107	24	104	106	106	24	103	104	104	24	103	104	104	24
9/12	---	---	---	0	105	105	106	24	104	105	107	24	104	104	105	24	104	104	104	24
9/13	104	104	105	8	104	105	106	24	104	105	106	24	104	104	105	24	104	104	105	24
9/14	104	104	106	24	104	105	107	24	104	105	106	24	104	105	105	24	104	104	105	24
9/15	102	103	104	24	105	105	107	24	104	105	106	24	104	104	104	24	104	104	105	24
9/16	104	105	106	24	104	104	105	24	103	104	105	24	103	104	104	24	104	104	104	24
9/17	103	104	105	24	102	102	102	7	101	101	102	7	103	103	104	24	103	103	104	24
9/18	103	104	105	24	---	---	---	0	---	---	---	0	102	102	103	24	103	103	103	24
9/19	103	104	105	24	---	---	---	0	---	---	---	0	102	102	102	24	102	102	102	24
9/20	103	104	105	24	---	---	---	0	---	---	---	0	102	102	103	24	102	102	103	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					
9/7	95	95	96	11	96	96	97	19	97	98	101	16	101	102	102	24	101	102	102	24
9/8	---	---	---	0	95	95	95	7	97	99	101	24	102	103	103	24	101	102	102	24
9/9	95	95	95	1	95	95	96	7	97	99	100	24	102	103	103	24	100	101	102	24
9/10	95	95	96	7	96	96	96	11	97	99	100	24	102	103	103	24	102	103	103	24
9/11	96	97	97	18	96	97	98	24	---	---	---	0	---	---	---	0	---	---	---	0
9/12	97	97	97	24	97	98	98	24	---	---	---	0	---	---	---	0	---	---	---	0
9/13	96	97	98	20	97	97	98	24	---	---	---	0	---	---	---	0	---	---	---	0
9/14	97	97	98	24	97	98	98	24	---	---	---	0	---	---	---	0	---	---	---	0
9/15	97	97	98	24	97	98	98	24	---	---	---	0	---	---	---	0	---	---	---	0
9/16	96	97	98	24	97	98	98	24	---	---	---	0	---	---	---	0	---	---	---	0
9/17	95	95	97	15	96	96	98	24	---	---	---	0	---	---	---	0	---	---	---	0
9/18	95	96	96	14	96	96	97	24	---	---	---	0	---	---	---	0	---	---	---	0
9/19	95	95	95	6	95	96	96	13	---	---	---	0	---	---	---	0	---	---	---	0
9/20	95	95	96	14	96	96	98	22	---	---	---	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	
9/7	102	102	103	24	101	102	102	24	100	100	101	24	---	---	---	0	101	102	103	24
9/8	102	102	103	24	101	101	102	24	99	99	100	24	---	---	---	0	100	102	103	24
9/9	102	102	103	24	101	101	102	24	99	99	100	24	---	---	---	0	100	102	103	24
9/10	103	104	104	24	102	102	103	24	105	106	107	24	100	102	103	24	101	102	104	24
9/11	---	---	---	0	103	104	104	24	102	105	106	24	100	101	102	24	101	103	104	24
9/12	---	---	---	0	103	103	104	24	99	100	100	23	98	100	101	23	101	102	103	24
9/13	---	---	---	0	102	103	104	24	100	100	106	24	100	104	105	24	101	103	104	24
9/14	---	---	---	0	102	102	103	24	101	101	103	24	---	---	---	0	101	102	102	24
9/15	---	---	---	0	102	102	103	24	100	101	101	24	---	---	---	0	101	102	104	23
9/16	---	---	---	0	101	102	103	24	101	102	103	24	102	104	106	24	101	102	104	24
9/17	---	---	---	0	101	101	102	24	106	106	108	24	102	105	108	24	101	102	103	24
9/18	---	---	---	0	100	101	102	24	105	106	107	24	102	105	107	24	101	102	103	24
9/19	---	---	---	0	100	101	102	24	106	106	107	24	103	105	108	24	101	102	103	24
9/20	---	---	---	0	100	101	102	24	106	107	107	24	102	105	107	24	101	102	103	24

### 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	
9/7	102	103	105	24	100	100	101	24	99	100	100	24	105	105	106	24	103	103	103	24
9/8	101	104	105	24	100	100	100	24	99	99	99	24	104	105	105	24	101	101	102	24
9/9	101	103	105	24	99	100	100	24	99	99	101	24	104	104	105	24	101	102	106	24
9/10	102	104	106	24	100	100	101	24	99	99	99	24	103	104	104	24	101	103	105	24
9/11	103	105	107	24	101	102	103	24	100	100	101	24	102	102	104	24	100	101	102	24
9/12	102	104	106	23	100	101	101	24	99	99	100	24	102	102	103	24	100	101	102	24
9/13	102	105	107	24	100	100	100	24	99	99	101	24	100	101	101	24	100	100	102	24
9/14	102	104	106	24	100	100	101	24	99	99	99	24	100	101	101	24	99	100	100	24
9/15	102	104	106	24	101	101	101	24	99	99	100	24	100	101	101	24	102	106	113	24
9/16	102	104	107	24	101	101	101	24	99	99	99	24	99	100	100	24	99	99	101	24
9/17	102	104	106	24	100	100	100	24	99	99	100	24	99	99	100	24	98	98	99	24
9/18	101	103	104	24	99	99	100	24	99	99	99	24	99	99	99	24	98	99	99	24
9/19	101	104	106	24	99	99	100	24	99	99	100	24	99	99	100	24	99	99	99	24
9/20	101	102	104	24	99	100	100	24	98	98	99	24	99	99	100	24	98	99	99	24

### 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	
9/7	103	104	104	24	102	103	103	24	105	106	106	24	105	106	106	24	---	---	---	0
9/8	102	102	103	24	103	105	116	24	103	104	104	24	104	104	104	24	---	---	---	0
9/9	103	104	104	24	102	102	103	24	102	102	102	24	103	104	105	24	---	---	---	0
9/10	103	103	103	24	102	103	103	24	102	102	103	24	103	104	104	24	---	---	---	0
9/11	103	103	104	24	103	105	114	24	103	103	103	24	104	104	106	24	---	---	---	0
9/12	102	102	103	24	102	103	103	24	102	102	103	24	103	104	104	24	---	---	---	0
9/13	103	103	104	24	102	102	103	24	101	102	102	24	102	103	104	24	---	---	---	0
9/14	102	103	103	24	102	102	102	24	101	101	102	24	102	103	103	24	---	---	---	0
9/15	101	101	102	24	100	101	101	24	101	101	102	24	102	103	104	24	---	---	---	0
9/16	100	101	101	24	132	144	144	24	102	102	102	24	102	103	103	24	---	---	---	0
9/17	100	100	101	24	122	143	144	24	101	101	102	24	102	102	103	24	---	---	---	0
9/18	100	100	100	24	101	101	101	24	101	101	101	24	102	102	103	24	---	---	---	0
9/19	100	101	102	24	101	101	102	24	100	101	101	24	102	102	103	24	---	---	---	0
9/20	101	101	102	24	101	102	102	24	100	101	101	24	101	102	102	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>24 h</u>		<u>12 h</u>		#	<u>24h</u>		<u>12h</u>		#	<u>24h</u>		<u>12h</u>		#
	<u>Avg</u>	<u>Avg</u>	<u>High</u>	<u>hr</u>		<u>Avg</u>	<u>Avg</u>	<u>High</u>	<u>hr</u>		<u>Avg</u>	<u>Avg</u>	<u>High</u>	<u>hr</u>		<u>Avg</u>	<u>Avg</u>	<u>High</u>	<u>hr</u>	
9/7	103	103	104	24	103	103	103	24	103	103	103	24	103	103	104	8	101	101	101	24
9/8	101	102	102	24	101	102	102	24	102	103	103	24	102	102	102	14	100	100	101	24
9/9	103	103	105	24	102	102	103	24	102	103	103	24	103	104	104	24	101	101	101	24
9/10	101	102	102	24	101	101	102	24	103	103	104	24	103	103	104	24	101	101	101	24
9/11	102	102	102	24	101	102	102	24	103	103	103	24	104	104	106	21	102	103	103	24
9/12	102	102	102	24	102	102	103	24	103	103	103	24	103	103	104	24	102	103	103	24
9/13	102	102	103	24	101	102	102	24	102	102	103	24	102	103	103	24	102	102	102	24
9/14	102	103	103	24	102	102	103	24	101	101	101	24	102	102	102	22	101	101	102	24
9/15	102	103	103	24	102	102	102	24	100	100	100	24	101	102	102	24	100	100	101	24
9/16	102	102	103	24	101	102	102	24	100	100	100	24	101	101	101	24	99	100	100	24
9/17	101	101	101	24	100	101	103	24	99	99	100	24	101	101	101	14	99	99	99	24
9/18	100	100	101	24	100	100	100	24	99	99	99	24	101	101	101	24	99	99	99	24
9/19	100	100	100	24	100	100	101	24	99	99	99	24	100	101	101	24	99	99	99	24
9/20	99	99	99	24	99	99	100	24	99	99	99	24	100	100	101	24	99	99	100	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>24 h</u>		<u>12 h</u>		#	<u>24h</u>		<u>12h</u>		#	<u>24h</u>		<u>12h</u>		#
	<u>Avg</u>	<u>Avg</u>	<u>High</u>	<u>hr</u>		<u>Avg</u>	<u>Avg</u>	<u>High</u>	<u>hr</u>		<u>Avg</u>	<u>Avg</u>	<u>High</u>	<u>hr</u>		<u>Avg</u>	<u>Avg</u>	<u>High</u>	<u>hr</u>	
9/7	102	102	103	24	100	100	100	24	---	---	---	0	101	102	102	24	113	116	120	24
9/8	102	102	102	24	100	100	100	24	---	---	---	0	101	102	102	24	111	112	119	24
9/9	103	103	104	24	100	100	100	24	---	---	---	0	101	101	102	24	114	118	121	24
9/10	103	104	104	24	100	100	101	24	---	---	---	0	101	101	102	24	114	118	121	24
9/11	103	104	104	24	101	101	102	24	---	---	---	0	101	102	103	24	115	117	121	24
9/12	104	104	104	24	101	102	102	24	---	---	---	0	102	103	103	24	114	116	118	24
9/13	103	104	104	24	102	102	102	24	---	---	---	0	102	102	103	24	113	117	123	24
9/14	103	103	103	24	101	101	101	12	---	---	---	0	102	103	103	24	111	113	117	24
9/15	102	102	102	24	---	---	---	0	---	---	---	0	102	102	102	21	113	116	120	24
9/16	102	102	102	24	---	---	---	0	---	---	---	0	101	101	101	19	111	113	116	24
9/17	101	102	102	24	---	---	---	0	---	---	---	0	100	100	101	22	113	114	119	24
9/18	101	101	101	24	---	---	---	0	---	---	---	0	100	100	101	24	114	117	126	24
9/19	101	101	102	24	---	---	---	0	---	---	---	0	100	101	101	24	114	117	119	24
9/20	101	101	102	24	---	---	---	0	102	102	102	14	100	100	100	13	115	120	126	24

## 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>

<b>COMBINED YEARLING CHINOOK</b>												
Date	WTB (Coll)	IMN (Coll)	GRN (Coll)	LEW (Coll)	LGR (INDEX)	LGS (INDEX)	LMN (INDEX)	RIS (INDEX)	MCN (INDEX)	JDA (INDEX)	BO2 (INDEX)	
09/07/2007	*	---	---	---	---	9	0	0	---	0	0	---
09/08/2007	*	---	---	---	---	5	0	0	---	0	0	0
09/09/2007	*	---	---	---	---	3	0	0	---	0	0	0
09/10/2007	*	---	---	---	---	3	0	0	---	0	0	0
09/11/2007		---	---	---	---	2	0	0	---	0	0	0
09/12/2007	*	---	---	---	---	0	0	0	---	0	0	0
09/13/2007	*	---	---	---	---	9	0	0	---	0	0	0
09/14/2007	*	---	---	---	---	3	0	0	---	0	---	0
09/15/2007		---	---	---	---	2	0	0	---	---	---	0
09/16/2007		---	---	---	---	2	0	0	---	---	---	0
09/17/2007		---	---	---	---	1	0	0	---	---	---	0
09/18/2007		---	---	---	---	1	0	0	---	---	---	0
09/19/2007		---	---	---	---	2	0	0	---	---	---	0
09/20/2007		---	---	---	---	---	0	---	---	---	---	0
09/21/2007		---	---	---	---	---	---	---	---	---	---	---
<hr/>												
<b>Total:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>42</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b># Days:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>14</b>	<b>13</b>	<b>0</b>	<b>8</b>	<b>7</b>	<b>13</b>	
<b>Average:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>YTD</b>	<b>43,491</b>	<b>86,299</b>	<b>15,108</b>	<b>6,553</b>	<b>2,247,525</b>	<b>655,135</b>	<b>355,692</b>	<b>23,769</b>	<b>2,224,857</b>	<b>4,262,628</b>	<b>1,949,995</b>	

<b>COMBINED SUBYEARLING CHINOOK</b>												
Date	WTB (Coll)	IMN (Coll)	GRN (Coll)	LEW (Coll)	LGR (INDEX)	LGS (INDEX)	LMN (INDEX)	RIS (INDEX)	MCN (INDEX)	JDA (INDEX)	BO2 (INDEX)	
09/07/2007	*	---	---	---	---	62	11	1	---	629	753	---
09/08/2007	*	---	---	---	---	59	10	1	---	610	0	138
09/09/2007	*	---	---	---	---	50	12	6	---	505	0	143
09/10/2007	*	---	---	---	---	46	16	2	---	380	0	204
09/11/2007		---	---	---	---	33	7	1	---	385	106	144
09/12/2007	*	---	---	---	---	30	10	1	---	210	0	67
09/13/2007	*	---	---	---	---	41	10	1	---	215	0	211
09/14/2007	*	---	---	---	---	38	12	5	---	140	---	256
09/15/2007		---	---	---	---	26	6	0	---	---	---	245
09/16/2007		---	---	---	---	19	5	0	---	---	---	133
09/17/2007		---	---	---	---	19	9	5	---	---	---	100
09/18/2007		---	---	---	---	25	15	0	---	---	---	122
09/19/2007		---	---	---	---	22	6	2	---	---	---	134
09/20/2007		---	---	---	---	---	6	---	---	---	---	89
09/21/2007		---	---	---	---	---	---	---	---	---	---	---
<hr/>												
<b>Total:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>470</b>	<b>135</b>	<b>25</b>	<b>0</b>	<b>3,074</b>	<b>859</b>	<b>1,986</b>	
<b># Days:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>14</b>	<b>13</b>	<b>0</b>	<b>8</b>	<b>7</b>	<b>13</b>	
<b>Average:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>36</b>	<b>10</b>	<b>2</b>	<b>0</b>	<b>384</b>	<b>123</b>	<b>153</b>	
<b>YTD</b>	<b>0</b>	<b>83</b>	<b>90</b>	<b>255</b>	<b>328,374</b>	<b>437,382</b>	<b>78,566</b>	<b>15,746</b>	<b>4,723,357</b>	<b>3,006,181</b>	<b>4,069,304</b>	



## 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)	
09/07/2007	*	---	---	---	---	0	3	2	---	0	0	---
09/08/2007	*	---	---	---	---	0	0	0	---	0	0	0
09/09/2007	*	---	---	---	---	0	1	2	---	0	0	0
09/10/2007	*	---	---	---	---	0	2	2	---	0	0	0
09/11/2007		---	---	---	---	1	2	0	---	0	0	0
09/12/2007	*	---	---	---	---	0	0	1	---	0	0	0
09/13/2007	*	---	---	---	---	0	2	2	---	0	0	0
09/14/2007	*	---	---	---	---	0	2	0	---	0	---	0
09/15/2007		---	---	---	---	0	1	0	---	---	---	0
09/16/2007		---	---	---	---	0	1	1	---	---	---	0
09/17/2007		---	---	---	---	0	0	1	---	---	---	0
09/18/2007		---	---	---	---	0	2	0	---	---	---	0
09/19/2007		---	---	---	---	1	0	0	---	---	---	0
09/20/2007		---	---	---	---	---	2	---	---	---	---	0
09/21/2007		---	---	---	---	---	---	---	---	---	---	---
<hr/>												
<b>Total:</b>		0	0	0	0	2	18	11	0	0	0	0
<b># Days:</b>		0	0	0	0	13	14	13	0	8	7	13
<b>Average:</b>		0	0	0	0	0	1	1	0	0	0	0
<b>YTD</b>		0	0	0	57	50,726	55,867	18,049	64,420	99,127	347,366	628,455

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)	
09/07/2007	*	---	---	---	---	0	53	11	---	0	5	---
09/08/2007	*	---	---	---	---	1	37	3	---	0	0	0
09/09/2007	*	---	---	---	---	0	34	8	---	5	0	0
09/10/2007	*	---	---	---	---	0	31	6	---	5	0	0
09/11/2007		---	---	---	---	0	46	8	---	0	0	0
09/12/2007	*	---	---	---	---	0	39	1	---	0	0	0
09/13/2007	*	---	---	---	---	1	44	2	---	5	0	11
09/14/2007	*	---	---	---	---	0	59	3	---	0	---	0
09/15/2007		---	---	---	---	0	19	0	---	---	---	0
09/16/2007		---	---	---	---	1	35	2	---	---	---	0
09/17/2007		---	---	---	---	0	9	0	---	---	---	0
09/18/2007		---	---	---	---	0	15	0	---	---	---	0
09/19/2007		---	---	---	---	0	12	1	---	---	---	0
09/20/2007		---	---	---	---	---	7	---	---	---	---	0
09/21/2007		---	---	---	---	---	---	---	---	---	---	---
<hr/>												
<b>Total:</b>		0	0	0	0	3	440	45	0	15	5	11
<b># Days:</b>		0	0	0	0	13	14	13	0	8	7	13
<b>Average:</b>		0	0	0	0	0	31	3	0	2	1	1
<b>YTD</b>		3,734	46,002	1,940	7,792	1,859,325	1,871,833	740,923	18,555	376,506	961,373	267,149

## 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)	
09/07/2007	*	---	---	---	---	0	0	0	---	0	0	---
09/08/2007	*	---	---	---	---	0	0	0	---	0	0	0
09/09/2007	*	---	---	---	---	0	0	0	---	0	0	0
09/10/2007	*	---	---	---	---	0	0	0	---	5	0	0
09/11/2007		---	---	---	---	0	0	0	---	0	0	10
09/12/2007	*	---	---	---	---	0	0	0	---	0	0	0
09/13/2007	*	---	---	---	---	0	0	0	---	0	0	0
09/14/2007	*	---	---	---	---	0	0	0	---	0	---	0
09/15/2007		---	---	---	---	0	0	0	---	---	---	0
09/16/2007		---	---	---	---	0	0	0	---	---	---	0
09/17/2007		---	---	---	---	0	0	0	---	---	---	0
09/18/2007		---	---	---	---	0	0	0	---	---	---	0
09/19/2007		---	---	---	---	0	0	0	---	---	---	0
09/20/2007		---	---	---	---	---	0	---	---	---	---	0
09/21/2007		---	---	---	---	---	---	---	---	---	---	---
<hr/>												
<b>Total:</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>10</b>
<b># Days:</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>14</b>	<b>13</b>	<b>0</b>	<b>8</b>	<b>7</b>	<b>13</b>
<b>Average:</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>
<b>YTD</b>		<b>27</b>	<b>0</b>	<b>0</b>	<b>413</b>	<b>20,682</b>	<b>17,122</b>	<b>5,737</b>	<b>16,427</b>	<b>513,737</b>	<b>790,330</b>	<b>171,317</b>

\* 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:

9/21/07 10:37 AM

**09/07/07 TO 09/21/07**

		Species						
Site	Data	CH0	CH1	CO	SO	ST	Grand Total	
<b>LGR</b>	Sum of NumberCollected	470	42	2		3	517	
	Sum of NumberBarged	0	0	0		0	0	
	Sum of NumberBypassed	206	0	0		0	206	
	Sum of Numbertrucked	285	45	3		3	336	
	Sum of SampleMorts	19	1	0		0	20	
	Sum of FacilityMorts	0	0	0		0	0	
	Sum of ResearchMorts	0	0	0		0	0	
	Sum of TotalProjectMorts	19	1	0		0	20	
<b>LGS</b>	Sum of NumberCollected	133			18	431	582	
	Sum of NumberBarged	0			0	0	0	
	Sum of NumberBypassed	51			1	0	52	
	Sum of Numbertrucked	82			16	566	664	
	Sum of SampleMorts	5			0	4	9	
	Sum of FacilityMorts	1			0	3	4	
	Sum of ResearchMorts	3			0	0	3	
	Sum of TotalProjectMorts	9			0	7	16	
<b>LMN</b>	Sum of NumberCollected	25			11	45	81	
	Sum of NumberBarged	0			0	0	0	
	Sum of NumberBypassed	0			0	0	0	
	Sum of Numbertrucked	30			11	50	91	
	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	
<b>MCN</b>	Sum of NumberCollected	3,035				5	15	3,055
	Sum of NumberBarged	0				0	0	0
	Sum of NumberBypassed	140				0	0	140
	Sum of Numbertrucked	4,006				5	15	4,026
	Sum of SampleMorts	5				0	0	5
	Sum of FacilityMorts	30				0	0	30
	Sum of ResearchMorts	0				0	0	0
	Sum of TotalProjectMorts	35				0	0	35
<b>Total Sum of NumberCollected</b>		<b>3,663</b>	<b>42</b>	<b>31</b>	<b>5</b>	<b>494</b>	<b>4,235</b>	
<b>Total Sum of NumberBarged</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Total Sum of NumberBypassed</b>		<b>397</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>398</b>	
<b>Total Sum of Numbertrucked</b>		<b>4,403</b>	<b>45</b>	<b>30</b>	<b>5</b>	<b>634</b>	<b>5,117</b>	
<b>Total Sum of SampleMorts</b>		<b>30</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>35</b>	
<b>Total Sum of FacilityMorts</b>		<b>31</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>34</b>	
<b>Total Sum of ResearchMorts</b>		<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	
<b>Total Sum of TotalProjectMorts</b>		<b>64</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>72</b>	

### YTD Transportation Summary

Source: Fish Passage Center

Updated: 9/21/07 10:37 AM

TO: 09/21/07

		Species					
Site	Data	CH0	CH1	CO	SO	ST	Grand Total
<b>LGR</b>	Sum of NumberCollected	190,886	1,578,150	38,284	15,920	1,367,791	3,191,031
	Sum of NumberBarged	146,528	1,125,031	36,823	15,540	1,185,551	2,509,473
	Sum of NumberBypassed	40,417	451,109	1,432	356	181,734	675,048
	Sum of NumberTrucked	1,063	62	9	0	9	1,143
	Sum of SampleMorts	296	60	1	2	35	394
	Sum of FacilityMorts	1,355	1,008	19	22	462	2,866
	Sum of ResearchMorts	1,227	880	0	0	0	2,107
	Sum of TotalProjectMorts	2,878	1,948	20	24	497	5,367
<b>LGS</b>	Sum of NumberCollected	304,041	463,098	40,036	12,006	1,321,613	2,140,794
	Sum of NumberBarged	297,602	398,141	39,430	11,553	1,197,581	1,944,307
	Sum of NumberBypassed	5,587	64,721	542	433	121,828	193,111
	Sum of NumberTrucked	313	2	36	1	1,379	1,731
	Sum of SampleMorts	107	31	20	3	65	226
	Sum of FacilityMorts	252	198	6	16	753	1,225
	Sum of ResearchMorts	180	7	0	0	0	187
	Sum of TotalProjectMorts	539	236	26	19	818	1,638
<b>LMN</b>	Sum of NumberCollected	42,686	279,229	13,544	4,156	574,377	913,992
	Sum of NumberBarged	38,111	270,566	13,505	4,130	562,245	888,557
	Sum of NumberBypassed	4,099	8,184	21	2	11,486	23,792
	Sum of NumberTrucked	225	3	16	1	137	382
	Sum of SampleMorts	129	30	0	0	82	241
	Sum of FacilityMorts	122	393	2	23	444	984
	Sum of ResearchMorts	0	0	0	0	0	0
	Sum of TotalProjectMorts	251	423	2	23	526	1,225
<b>MCN</b>	Sum of NumberCollected	2,400,491	1,316,847	58,662	304,461	222,772	4,303,233
	Sum of NumberBarged	0	0	0	0	0	0
	Sum of NumberBypassed	2,361,691	1,315,873	58,647	303,939	222,353	4,262,503
	Sum of NumberTrucked	35,894	0	0	15	20	35,929
	Sum of SampleMorts	1,103	142	4	58	33	1,340
	Sum of FacilityMorts	1,559	819	11	447	366	3,202
	Sum of ResearchMorts	241	13	0	2	0	256
	Sum of TotalProjectMorts	2,903	974	15	507	399	4,798
Total Sum of NumberCollected		2,938,104	3,637,324	150,526	336,543	3,486,553	10,549,050
Total Sum of NumberBarged		482,241	1,793,738	89,758	31,223	2,945,377	5,342,337
Total Sum of NumberBypassed		2,411,794	1,839,887	60,642	304,730	537,401	5,154,454
Total Sum of NumberTrucked		37,495	67	61	17	1,545	39,185
Total Sum of SampleMorts		1,635	263	25	63	215	2,201
Total Sum of FacilityMorts		3,288	2,418	38	508	2,025	8,277
Total Sum of ResearchMorts		1,648	900	0	2	0	2,550
Total Sum of TotalProjectMorts		6,571	3,581	63	573	2,240	13,028

Cumulative Adult Passage at Mainstem Dams Through: 09/20

DAM	EndDate	Spring Chinook						Summer Chinook						Fall Chinook					
		2007		2006		10-Yr Avg.		2007		2006		10-Yr Avg.		2007		2006		10-Yr Avg.	
		Adult	Jack	Adult	Jack	Adult	Jack	Adult	Jack	Adult	Jack	Adult	Jack	Adult	Jack	Adult	Jack	Adult	Jack
BON	09/19	66624	16606	96456	2908	156175	8234	47882	13686	97519	4355	69317	7971	119701	30043	211771	15445	307145	25324
TDA	09/19	52795	15406	61827	2176	108412	6003	40653	11409	81219	3620	59863	5873	59314	19467	107722	10546	144395	16444
JDA	09/19	43379	13663	50313	2093	90974	4767	36191	11717	73814	4150	55712	5893	39871	16780	75791	9909	98670	12992
MCN	09/19	38852	12252	45887	2475	83968	5029	33008	9508	62571	3389	54019	5480	28178	11169	45263	6862	67109	9090
IHR	09/18	28047	7308	25434	875	56277	3172	8015	2584	8540	545	11570	1861	7783	3702	6136	2363	6758	2278
LMN	09/19	26963	6934	23589	548	53700	2904	11836	1526	9926	523	11188	1521	8364	3010	6663	2311	6009	1678
LGS	09/19	23953	7227	20836	733	51418	2974	7898	2861	8156	596	9645	1792	4862	2127	5184	1420	4611	1157
LGR	09/19	22481	8971	22530	973	51737	3293	7703	3393	7058	662	9688	1964	4784	2284	4420	1706	3716	1290
PRD	09/17	6708	489	8535	81	17371	512	30644	1088	57236	556	48735	2050	7707	2243	8883	1116	16559	1451
RIS	09/19	5572	2066	9643	483	14040	762	28222	6200	61821	2086	45655	4765	2546	1021	3480	922	5716	1141
RRH	09/19	2424	920	5376	274	5343	306	21657	5110	41234	1744	33778	3271	1950	724	2731	652	3890	1103
WEL	09/19	2041	752	4159	217	3869	205	13244	3573	25671	1944	24782	1610	755	524	1871	2121	1934	573
WFA	09/17	23010	299	36851	189	-	-	0	0	0	0	-	-	85	12	489	67	-	-

DAM	Coho						Sockeye			Steelhead			Wild 2007
	2007		2006		10-Yr Avg.		2007	2006	10-Yr Avg.	2007	2006	10-Yr Avg.	
	Adult	Jack	Adult	Jack	Adult	Jack							
BON	49179	1910	52620	3265	59271	3223	24376	37066	60817	292090	293252	296966	75824
TDA	8009	1089	13053	1362	11900	1229	19124	30026	50789	171385	157047	177449	44158
JDA	7425	1952	10327	1907	7954	1001	24270	35386	55214	131833	112730	143670	35846
MCN	3186	518	3553	380	3199	328	18198	29294	46987	100939	80956	100240	26971
IHR	221	14	118	14	116	0	55	47	30	55668	43043	59382	10683
LMN	109	13	102	7	86	3	43	17	31	52453	47711	52934	11227
LGS	111	22	77	8	65	3	37	26	34	30956	33329	39609	5490
LGR	11	4	48	22	36	1	53	14	36	31482	32217	37333	7115
PRD	281	17	648	79	343	83	24643	26707	58348	10781	8240	10359	0
RIS	124	0	530	0	198	0	25119	35126	54206	9352	6728	9364	4024
RRH	9	0	42	0	23	0	20750	25375	37840	6121	5251	6853	2385
WEL	0	0	0	0	0	0	22239	22034	37164	4022	3270	4506	1962
WFA	175	29	242	111	-	-	0	0	-	18957	25174	-	-

PRD does not post 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: 09/21/07

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

Year	Chinook Adult	Chinook Jack	Steelhead	Wild Steelhead
2007	22	0	1,677	517
2006	2	0	2,523	239