



# Fish Passage Center Weekly Report #06 - 27

Sept. 8, 2006

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

**NOTE: This is the last weekly report for the 2006 season. Bi-weekly reports will commence on September 22nd and go through October.**

## 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

Grand Coulee Reservoir is at 1281.1 feet (9-7-06) and has refilled 0.4 feet over the last week. Outflows at Grand Coulee ranged between 55.7 and 85.5 Kcfs last week.

The Libby Reservoir is currently at elevation 2441.6 feet (9-7-06) and drafted 1.2 feet last week. Outflows were dropped to 9 Kcfs on September 3rd.

Hungry Horse is currently at an elevation of 3545.4 feet (9-7-06) and has drafted approximately 1.1 feet in the last week. Hungry Horse outflows have ranged between 2.3-3.1 Kcfs last week.

Dworshak is currently at an elevation of 1524.5 feet (9-7-06) and drafted approximately 6.0 feet last week. Outflows at Dworshak were dropped from 7.7 Kcfs to 5.9 Kcfs on 9-7-06.

The Brownlee Reservoir was at an elevation of 2055.5 feet on September 7, 2006. Outflows at Hells Canyon have ranged between 10.5 and 15.7 Kcfs over the last 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, Little Goose and Lower Monumental dams, subyearling Chinook indices averaged roughly the same per day over the past week compared to the previous week. At Rock Island Dam sampling ended on September 1, 2006. At McNary Dam, subyearling indices were down, averaging less than 300 this week compared to 1,000 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 160 per day this week compared to 350 per day last week. At Bonneville Dam subyearling indices decreased with this weeks' average index at 250 per day, compared to 600 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 7,703 and 14,793 fish (no counts available on 9-6 or 9-7). As of September 7th, 107,495 fall Chinook had passed Bonneville Dam, which is 78% of the 2005 count on the same date and 76% of the ten-year average. Daily counts at Rock Island Dam ranged between 48 and 128 fall Chinook during the last week.

At Bonneville Dam, steelhead counts averaged 5,026 per day between September 1st and September 5th. Through September 7th, the steelhead run at Bonneville Dam was 236,707 fish, 107% and 98% of the respective 2005 and 10-year average counts. The daily counts at The Dalles Dam ranged between 3,781 and 7,164 for the week (no counts available on 9-6 or 9-7) with the cumulative steelhead count through September 7th at 91,346. About 39% of the steelhead counted at

Bonneville Dam has passed The Dalles Dam. The majority of the 35,761 steelhead counted at McNary Dam have moved up into the Snake River with the cumulative count at Ice Harbor Dam now at 16,425 for the season. The cumulative count at Rock Island Dam is 3,807 for the season.

Adult Coho salmon passage at Bonneville Dam averaged 2,016 fish per day through the week (no counts available on 9-6 or 9-7) with the count at Bonneville through September 7th at 22,486, about 128% and 140% of the respective 2005 and 10-year average counts.

**Hatchery Releases:** Approximately 270,000 coho are being released from the Clearwater Hatchery into Lolo Creek between September 1 and September 30, 2006.

**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
08/25/06	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
09/01/06	71.4	0.2	80.4	0.0	79.9	0.0	79.0	0.0	79.1	0.0	78.6	2.1	67.1	0.9
09/02/06	74.8	0.2	66.7	0.0	68.7	0.0	70.9	0.0	70.6	0.0	74.5	2.1	69.7	1.1
09/03/06	55.7	0.2	58.9	0.0	60.5	0.0	60.6	0.0	61.6	0.0	66.0	2.2	64.5	1.0
09/04/06	63.1	0.2	62.0	0.0	60.9	0.0	59.0	0.0	60.3	0.0	64.3	1.8	65.7	1.0
09/05/06	65.1	0.2	71.4	0.0	86.3	0.0	89.8	0.0	89.9	0.0	104.2	1.9	96.7	1.1
09/06/06	85.5	0.2	79.1	0.0	66.2	0.0	65.6	0.0	63.8	0.0	72.1	1.4	78.6	0.9
09/07/06	66.6	0.2	74.3	0.0	73.0	0.0	72.2	0.0	76.9	0.0	69.2	1.7	55.8	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
08/25/06	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
09/01/06	7.7	0.0	10.2	10.8	20.9	0.0	21.7	0.0	22.3	0.1	15.9	0.2
09/02/06	7.7	0.0	10.0	10.5	24.5	0.0	22.2	0.0	16.1	0.0	13.6	0.0
09/03/06	7.7	0.0	10.6	11.1	21.9	0.0	13.9	0.0	13.0	0.0	12.4	0.0
09/04/06	7.7	0.0	11.2	14.6	25.5	0.0	19.7	0.0	22.4	0.0	19.1	0.0
09/05/06	7.8	0.0	11.6	15.7	25.6	0.0	26.8	0.0	27.3	0.0	27.0	0.0
09/06/06	7.6	0.0	11.6	14.8	28.2	0.0	26.3	0.0	26.9	0.4	25.6	0.0
09/07/06	5.9	0.0	---	---	24.8	0.0	25.6	0.0	27.2	0.0	26.5	0.0

**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		
08/25/06	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
09/01/06	102.8	0.1	92.2	0.9	92.7	0.0	102.1	1.8	1.2	92.6
09/02/06	75.3	0.0	73.0	0.9	72.9	0.0	100.2	1.5	0.0	92.3
09/03/06	85.7	0.0	90.1	1.0	93.6	0.0	100.0	1.4	0.0	92.1
09/04/06	95.1	0.0	96.5	0.8	99.2	0.0	95.7	1.5	0.0	87.7
09/05/06	102.8	0.0	97.4	0.9	96.9	0.0	94.6	1.5	5.6	81.1
09/06/06	111.0	0.0	98.4	0.9	99.2	0.0	105.3	1.5	5.6	91.8
09/07/06	99.2	0.0	97.2	0.8	97.7	0.0	106.4	1.5	9.7	88.7

### HATCHERY RELEASE LAST TWO WEEKS

**Hatchery Release Summary**  
From: 8/25/2006 to 09/07/06

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
<b>Nez Perce Tribe</b>									
<b>Total</b>					<b>270,000</b>				
<b>Grand Total</b>					<b>270,000</b>				

### HATCHERY RELEASE NEXT TWO WEEKS

**Hatchery Release Summary**  
From: 9/8/2006 to 9/21/2006

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
<b>Nez Perce Tribe</b>									
<b>Total</b>					<b>270,000</b>				
<b>Grand Total</b>					<b>270,000</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		hr	Avg	Avg		High	hr	Avg		Avg	High	hr		Avg	Avg	High	
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	103	104	104	24	107	107	108	24	107	107	107	24	104	105	108	24	104	104	104	24
9/1	101	102	102	24	106	107	108	24	105	106	107	24	103	104	106	24	104	105	105	24
9/2	103	104	104	24	106	106	107	24	106	107	108	24	105	105	107	24	105	106	106	24
9/3	103	103	104	24	105	106	106	24	106	107	107	24	104	104	105	24	106	106	107	24
9/4	104	105	105	24	105	106	106	24	107	107	107	24	104	105	107	24	105	106	107	24
9/5	103	104	105	24	105	106	106	24	106	106	107	24	104	105	107	24	106	106	107	24
9/6	104	105	106	20	105	106	106	24	106	107	107	24	104	105	106	24	106	106	107	24
9/7	105	105	106	23	105	106	107	24	106	106	106	24	103	104	104	24	107	107	108	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		hr	Avg	Avg		High	hr	Avg		Avg	High	hr		Avg	Avg	High	
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	104	105	106	24	103	103	104	24	103	104	104	24	102	103	103	24	103	103	104	24
9/1	104	105	105	24	104	104	105	24	104	104	105	24	103	103	104	24	103	103	103	24
9/2	105	106	107	24	104	105	106	24	104	105	106	24	104	104	105	24	104	104	104	24
9/3	107	108	109	24	105	106	107	24	105	106	107	24	104	105	105	24	104	104	105	24
9/4	105	106	107	24	105	106	107	24	105	106	106	24	105	105	106	24	105	105	105	24
9/5	105	106	106	24	106	106	107	24	106	106	107	24	104	104	104	24	104	105	105	24
9/6	105	106	107	24	106	106	108	24	105	106	107	24	105	106	107	24	105	105	105	24
9/7	106	107	108	24	106	107	108	24	106	107	109	24	106	106	107	24	105	106	106	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		hr	Avg	Avg		High	hr	Avg		Avg	High	hr		Avg	Avg	High	
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	108	109	111	23	107	107	108	23	106	107	108	23
8/29	107	108	108	24	107	107	108	24	106	107	108	23	106	107	107	23	105	106	106	23
8/30	105	105	105	24	105	105	105	24	102	103	104	23	102	103	104	23	102	103	104	18
8/31	105	105	105	24	105	105	105	24	103	104	104	23	101	101	102	23	101	101	101	23
9/1	104	105	105	24	104	105	105	24	103	105	106	23	102	103	104	23	101	102	103	23
9/2	104	104	105	24	104	104	104	24	104	105	107	23	103	104	105	23	103	104	105	23
9/3	104	105	105	24	104	104	105	24	106	107	108	23	104	104	105	23	104	105	105	23
9/4	105	105	105	24	104	105	105	24	106	106	108	23	104	104	104	23	104	105	105	23
9/5	104	105	105	24	104	105	105	24	106	106	108	23	103	103	104	23	103	104	104	23
9/6	104	105	105	24	105	105	105	24	104	104	105	23	103	103	103	23	103	104	104	23
9/7	105	106	106	24	105	106	106	24	---	---	---	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	<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>#</u>	<u>24 h</u>	<u>12 h</u>	<u>High</u>	<u>#</u>	<u>24 h</u>	<u>12 h</u>	<u>High</u>	<u>#</u>	<u>24 h</u>	<u>12 h</u>	<u>High</u>	<u>#</u>	<u>24 h</u>	<u>12 h</u>	<u>High</u>	<u>#</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>		
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	106	107	108	23	104	104	105	13	100	101	102	13	101	101	104	13	101	101	103	13
8/29	106	106	107	23	104	104	105	14	101	102	102	24	102	104	105	24	102	103	104	24
8/30	103	103	104	23	101	102	103	24	100	100	101	24	101	101	102	24	100	101	101	24
8/31	102	102	102	23	101	101	102	24	100	100	100	24	---	---	---	0	101	102	103	24
9/1	102	103	104	23	102	103	103	24	100	100	101	24	101	102	104	24	101	103	104	24
9/2	104	105	105	23	102	103	104	24	100	101	101	24	101	103	104	24	102	103	104	24
9/3	105	105	106	23	103	104	105	24	101	101	102	24	101	103	104	24	101	103	104	24
9/4	105	105	106	23	103	104	105	24	100	101	101	24	101	102	103	24	101	102	103	24
9/5	104	104	104	23	103	104	105	24	100	100	101	24	101	103	104	24	101	102	103	24
9/6	104	104	105	23	103	104	104	24	100	101	101	24	101	102	104	24	102	103	106	24
9/7	---	---	---	0	104	104	105	24	101	101	101	24	102	103	105	24	102	103	104	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>#</u>	<u>24 h</u>	<u>12 h</u>	<u>High</u>	<u>#</u>	<u>24 h</u>	<u>12 h</u>	<u>High</u>	<u>#</u>	<u>24 h</u>	<u>12 h</u>	<u>High</u>	<u>#</u>	<u>24 h</u>	<u>12 h</u>	<u>High</u>	<u>#</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>		
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	101	103	105	24	100	100	100	24	117	118	119	24	104	104	104	24	110	111	111	24
9/1	102	104	105	24	99	100	100	24	100	101	113	24	103	104	104	24	104	105	110	24
9/2	102	104	105	24	100	101	102	24	100	100	101	24	103	103	104	24	103	103	104	24
9/3	102	104	105	24	100	100	101	24	100	100	101	24	102	103	103	24	103	103	103	24
9/4	102	103	104	24	99	99	100	24	98	99	99	24	103	103	104	24	103	104	105	24
9/5	102	104	105	24	98	98	99	24	98	98	99	24	103	103	104	24	106	107	109	24
9/6	102	104	105	24	99	100	100	24	98	99	101	24	103	103	104	24	107	107	109	24
9/7	103	104	106	24	100	101	101	24	99	100	102	24	103	103	104	24	108	109	111	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>#</u>	<u>24 h</u>	<u>12 h</u>	<u>High</u>	<u>#</u>	<u>24 h</u>	<u>12 h</u>	<u>High</u>	<u>#</u>	<u>24 h</u>	<u>12 h</u>	<u>High</u>	<u>#</u>	<u>24 h</u>	<u>12 h</u>	<u>High</u>	<u>#</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>		
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	104	105	105	24	113	113	113	24	107	107	107	24	111	112	112	24	---	---	---	0
9/1	105	105	105	24	105	106	111	23	106	106	106	24	107	108	109	24	---	---	---	0
9/2	105	105	106	24	105	105	106	24	106	106	106	24	106	107	108	24	---	---	---	0
9/3	105	105	106	24	105	106	106	24	106	106	106	24	106	107	108	24	---	---	---	0
9/4	105	105	106	24	105	106	107	24	105	106	106	24	106	107	108	24	---	---	---	0
9/5	104	105	105	24	105	105	106	24	106	106	106	24	106	107	108	24	---	---	---	0
9/6	105	105	106	24	109	113	133	23	107	107	107	16	108	108	109	21	---	---	---	0
9/7	104	105	105	24	104	104	106	24	107	107	108	24	107	108	108	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>#</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>AVG</u>	<u>High</u>	<u>#</u>
	Avg	Avg	High	hr	Avg	Avg	High	hr	Avg	Avg	High	hr	Avg	Avg	High	hr	Avg	AVG	High	hr
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	101	101	102	24	113	114	115	24	102	102	102	24	114	114	115	24	104	105	106	24
9/1	101	101	102	24	102	103	111	24	102	102	103	24	102	103	105	24	106	107	107	24
9/2	101	102	103	24	101	102	102	24	103	104	106	24	103	104	104	24	107	107	107	24
9/3	102	102	103	24	102	102	102	24	103	103	104	24	103	103	104	24	103	103	104	24
9/4	103	103	103	24	102	103	103	24	102	103	103	24	102	103	103	24	103	103	103	24
9/5	102	103	103	24	103	104	104	24	102	102	102	24	101	102	102	24	102	102	102	24
9/6	104	105	106	24	103	104	104	24	101	101	102	24	101	101	102	24	101	102	102	22
9/7	104	104	105	24	103	103	104	24	101	102	102	24	102	102	102	24	101	102	102	24

**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>High</u>	<u>#</u>
	Avg	Avg	High	hr	Avg	Avg	High	hr	Avg	Avg	High	hr	Avg	Avg	High	hr	Avg	Avg	High	hr
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	112	113	113	24	103	104	104	24	115	116	117	24	111	112	113	24	117	117	118	24
9/1	108	110	112	24	103	104	104	24	106	108	115	24	107	108	111	24	112	113	118	17
9/2	108	108	109	24	104	104	105	24	103	104	105	24	102	102	103	24	110	110	111	17
9/3	105	107	107	24	106	107	108	24	105	106	106	24	103	105	105	24	110	111	113	17
9/4	103	104	104	24	107	108	108	24	107	107	108	24	105	106	106	24	110	111	113	17
9/5	103	103	103	24	104	104	105	24	105	105	106	24	105	106	106	24	111	111	114	17
9/6	102	102	103	24	102	103	103	24	104	104	105	24	104	105	105	24	111	111	114	17
9/7	102	103	103	24	101	101	101	24	102	103	103	24	103	103	104	24	111	112	114	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/currentsmpsubmitdata.asp>

<b>COMBINED YEARLING CHINOOK</b>											
	WTB	IMN	GRN	LEW	LGR	LGS	LMN	RIS	MCN	JDA	BO2
Date	(Coll)	(Coll)	(Coll)	(Coll)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)
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 *	---	---	---	---	0	0	0	0	0	0	0
09/02/2006 *	---	---	---	---	0	0	0	---	0	0	0
09/03/2006	---	---	---	---	0	0	0	---	0	0	0
09/04/2006 *	---	---	---	---	0	0	0	---	0	0	0
09/05/2006 *	---	---	---	---	0	0	0	---	0	0	0
09/06/2006 *	---	---	---	---	0	0	0	---	0	0	0
09/07/2006 *	---	---	---	---	---	0	---	---	0	0	0
09/08/2006	---	---	---	---	---	---	---	---	---	---	---
<hr/>											
<b>Total:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>4</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>8</b>	<b>14</b>	<b>14</b>	<b>14</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>0</b>	<b>0</b>	<b>0</b>
<b>YTD</b>	<b>30,897</b>	<b>25,910</b>	<b>13,056</b>	<b>18,995</b>	<b>3,692,701</b>	<b>4,182,823</b>	<b>1,439,249</b>	<b>37,267</b>	<b>1,560,870</b>	<b>2,250,569</b>	<b>2,256,364</b>

<b>COMBINED SUBYEARLING CHINOOK</b>											
	WTB	IMN	GRN	LEW	LGR	LGS	LMN	RIS	MCN	JDA	BO2
Date	(Coll)	(Coll)	(Coll)	(Coll)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)
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 *	---	---	---	---	31	22	10	10	548	409	451
09/02/2006 *	---	---	---	---	37	17	31	---	410	0	199
09/03/2006	---	---	---	---	48	19	25	---	315	152	167
09/04/2006 *	---	---	---	---	28	25	17	---	170	0	357
09/05/2006 *	---	---	---	---	27	13	10	---	175	61	257
09/06/2006 *	---	---	---	---	39	25	15	---	85	0	237
09/07/2006 *	---	---	---	---	---	32	---	---	175	30	225
09/08/2006	---	---	---	---	---	---	---	---	---	---	---
<hr/>											
<b>Total:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>499</b>	<b>345</b>	<b>174</b>	<b>188</b>	<b>8,758</b>	<b>3,145</b>	<b>6,195</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>8</b>	<b>14</b>	<b>14</b>	<b>14</b>
<b>Average:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>38</b>	<b>25</b>	<b>13</b>	<b>24</b>	<b>626</b>	<b>225</b>	<b>443</b>
<b>YTD</b>	<b>3</b>	<b>30</b>	<b>15</b>	<b>291</b>	<b>748,261</b>	<b>1,128,848</b>	<b>357,847</b>	<b>32,152</b>	<b>4,068,512</b>	<b>2,824,817</b>	<b>3,854,158</b>



## Two-Week Summary of Passage Indices

COMBINED COHO												
Date	WTB (Coll)	IMN (Coll)	GRN (Coll)	LEW (Coll)	LGR (INDEX)	LGS (INDEX)	LMN (INDEX)	RIS (INDEX)	MCN (INDEX)	JDA (INDEX)	BO2 (INDEX)	
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	*	---	---	---	---	0	0	0	0	0	0	0
09/02/2006	*	---	---	---	---	0	0	0	---	0	0	0
09/03/2006		---	---	---	---	0	0	0	---	0	0	0
09/04/2006	*	---	---	---	---	0	0	0	---	0	0	0
09/05/2006	*	---	---	---	---	0	0	0	---	0	0	0
09/06/2006	*	---	---	---	---	0	0	0	---	0	0	0
09/07/2006	*	---	---	---	---	---	0	---	---	0	0	0
09/08/2006		---	---	---	---	---	---	---	---	---	---	---
<hr/>												
<b>Total:</b>		0	0	0	0	2	0	0	1	0	0	0
<b># Days:</b>		0	0	0	0	13	14	13	8	14	14	14
<b>Average:</b>		0	0	0	0	0	0	0	0	0	0	0
<b>YTD</b>		0	0	0	49	86,166	133,019	33,976	61,284	102,165	316,789	657,541

COMBINED STEELHEAD												
Date	WTB (Coll)	IMN (Coll)	GRN (Coll)	LEW (Coll)	LGR (INDEX)	LGS (INDEX)	LMN (INDEX)	RIS (INDEX)	MCN (INDEX)	JDA (INDEX)	BO2 (INDEX)	
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	*	---	---	---	---	0	0	0	0	0	7	0
09/02/2006	*	---	---	---	---	1	0	0	---	0	0	0
09/03/2006		---	---	---	---	0	0	1	---	0	0	0
09/04/2006	*	---	---	---	---	0	0	0	---	0	0	0
09/05/2006	*	---	---	---	---	0	0	0	---	0	0	0
09/06/2006	*	---	---	---	---	0	0	0	---	0	0	0
09/07/2006	*	---	---	---	---	---	0	---	---	0	0	0
09/08/2006		---	---	---	---	---	---	---	---	---	---	---
<hr/>												
<b>Total:</b>		0	0	0	0	3	0	1	0	0	7	0
<b># Days:</b>		0	0	0	0	13	14	13	8	14	14	14
<b>Average:</b>		0	0	0	0	0	0	0	0	0	1	0
<b>YTD</b>		1,970	19,014	9,317	3,068	4,483,429	4,376,053	1,265,455	26,931	446,273	1,682,242	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)
08/25/2006 *	---	---	---	---	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 *	---	---	---	---	0	0	0	0	0	7	0
09/02/2006 *	---	---	---	---	0	0	0	---	5	0	0
09/03/2006	---	---	---	---	0	0	0	---	0	0	0
09/04/2006 *	---	---	---	---	0	0	1	---	5	0	0
09/05/2006 *	---	---	---	---	0	0	0	---	5	0	0
09/06/2006 *	---	---	---	---	0	0	0	---	0	0	0
09/07/2006 *	---	---	---	---	---	0	---	---	0	0	0
09/08/2006	---	---	---	---	---	---	---	---	---	---	---
<hr/>											
<b>Total:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>13</b>	<b>81</b>	<b>17</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>8</b>	<b>14</b>	<b>14</b>	<b>14</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>2</b>	<b>6</b>	<b>1</b>	<b>0</b>
<b>YTD</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>679</b>	<b>51,869</b>	<b>92,638</b>	<b>40,240</b>	<b>34,604</b>	<b>497,086</b>	<b>529,297</b>	<b>407,753</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:

9/8/06 8:56 AM

		08/25/06	TO	09/08/06			
		Species					
Site	Data	CH0	CH1	CO	SO	ST	Grand Total
<b>LGR</b>	Sum of NumberCollected	307	1	1	1	2	312
	Sum of NumberBarged	0	0	0	0	0	0
	Sum of NumberBypassed	0	0	0	0	0	0
	Sum of Numbertrucked	333	1	1	1	1	337
	Sum of SampleMorts	3	0	0	0	1	4
	Sum of FacilityMorts	0	0	0	0	0	0
	Sum of ResearchMorts	0	0	0	0	0	0
	Sum of TotalProjectMorts	3	0	0	0	1	4
<b>LGS</b>	Sum of NumberCollected	280	3				283
	Sum of NumberBarged	0	0				0
	Sum of NumberBypassed	0	0				0
	Sum of Numbertrucked	280	3				283
	Sum of SampleMorts	1	0				1
	Sum of FacilityMorts	3	0				3
	Sum of ResearchMorts	0	0				0
	Sum of TotalProjectMorts	4	0				4
<b>LMN</b>	Sum of NumberCollected	137				2	140
	Sum of NumberBarged	0				0	0
	Sum of NumberBypassed	0				0	0
	Sum of Numbertrucked	136				2	140
	Sum of SampleMorts	2				0	2
	Sum of FacilityMorts	0				0	0
	Sum of ResearchMorts	0				0	0
	Sum of TotalProjectMorts	2				0	2
<b>MCN</b>	Sum of NumberCollected	4,888				50	4,938
	Sum of NumberBarged	0				0	0
	Sum of NumberBypassed	0				0	0
	Sum of Numbertrucked	4,902				50	4,952
	Sum of SampleMorts	10				0	10
	Sum of FacilityMorts	53				0	53
	Sum of ResearchMorts	0				0	0
	Sum of TotalProjectMorts	63				0	63
Total Sum of NumberCollected		5,612	4	1	53	3	5,673
Total Sum of NumberBarged		0	0	0	0	0	0
Total Sum of NumberBypassed		0	0	0	0	0	0
Total Sum of Numbertrucked		5,651	4	1	53	3	5,712
Total Sum of SampleMorts		16	0	0	0	1	17
Total Sum of FacilityMorts		56	0	0	0	0	56
Total Sum of ResearchMorts		0	0	0	0	0	0
Total Sum of TotalProjectMorts		72	0	0	0	1	73

### YTD Transportation Summary

Source: Fish Passage Center

Updated:

9/8/06 8:56 AM

TO: 09/08/06

		Species					
Site	Data	CH0	CH1	CO	SO	ST	Grand Total
<b>LGR</b>	Sum of NumberCollected	479,143	2,407,710	51,171	32,618	2,820,598	5,791,240
	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	793	1	4	2	3	803
	Sum of SampleMorts	280	203	2	31	102	618
	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	1,597	6,524	144	590	1,379	10,234
<b>LGS</b>	Sum of NumberCollected	767,708	3,131,515	88,080	63,226	3,228,559	7,279,088
	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	623	3	0	0	2	628
	Sum of SampleMorts	181	138	0	23	21	363
	Sum of FacilityMorts	2,994	5,761	94	1,306	740	10,895
	Sum of ResearchMorts	23	22	0	0	1	46
	Sum of TotalProjectMorts	3,198	5,921	94	1,329	762	11,304
<b>LMN</b>	Sum of NumberCollected	249,278	1,096,139	23,183	27,784	935,555	2,331,939
	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	238	0	0	2	3	243
	Sum of SampleMorts	157	47	0	9	34	247
	Sum of FacilityMorts	394	938	0	185	620	2,137
	Sum of ResearchMorts	1	0	0	0	0	1
	Sum of TotalProjectMorts	552	985	0	194	654	2,385
<b>MCN</b>	Sum of NumberCollected	2,101,477	830,103	47,855	253,130	232,048	3,464,613
	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	14,330	1	0	93	5	14,429
	Sum of SampleMorts	450	117	1	29	13	610
	Sum of FacilityMorts	7,437	761	15	353	141	8,707
	Sum of ResearchMorts	196	42	3	17	6	264
	Sum of TotalProjectMorts	8,083	920	19	399	160	9,581
Total Sum of NumberCollected		3,597,606	7,465,467	210,289	376,758	7,216,760	18,866,880
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		15,984	5	4	97	13	16,103
Total Sum of SampleMorts		1,068	505	3	92	170	1,838
Total Sum of FacilityMorts		12,101	13,470	249	2,402	2,721	30,943
Total Sum of ResearchMorts		261	375	5	18	64	723
Total Sum of TotalProjectMorts		13,430	14,350	257	2,512	2,955	33,504

**Cumulative Adult Passage at Mainstem Dams Through: 09/07**

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	09/05	96,456	2,908	74,038	4,288	151,682	8,418	97,519	4,355	79,208	4,495	61,165	7,724	107,495	7,072	137,119	5,424	140,860	10,103
TDA	09/05	61,827	2,176	60,964	3,210	104,618	6,110	81,219	3,620	69,650	3,486	53,046	5,654	45,699	4,118	60,800	3,260	59,542	5,111
JDA	09/05	50,313	2,093	56,027	2,715	87,807	4,857	73,837	4,150	64,034	5,405	49,520	5,613	23,025	3,568	31,567	2,378	36,164	3,621
MCN	09/06	45,355	2,475	51,855	3,201	80,814	5,125	62,422	3,387	63,779	3,079	49,097	5,314	15,315	2,191	22,658	1,644	25,031	2,590
IHR	09/05	25,465	843	28,039	1,267	54,334	3,256	8,673	565	8,827	990	11,044	1,889	1,700	429	2,002	375	1,984	343
LMN	09/06	23,596	551	25,933	1,002	51,936	3,032	10,058	511	8,354	804	10,507	1,557	1,939	414	1,509	165	1,540	260
LGS	09/06	20,839	745	23,995	923	49,856	3,088	8,315	601	6,987	974	9,147	1,822	1,345	183	1,030	145	1,007	155
LGR	09/06	22,963	984	26,028	1,258	49,902	3,362	8,216	722	6,736	1,078	9,243	1,994	1,087	231	861	149	735	148
PRD	09/03	8,535	81	14,148	515	16,757	523	57,236	556	61,227	1,898	44,110	2,023	3,692	686	4,094	58	7,059	568
RIS	09/06	9,245	473	11,908	504	13,259	737	59,718	2,086	54,033	2,443	40,419	4,637	2,100	428	2,750	273	3,052	685
RRH	09/06	5,376	274	4,568	417	4,860	283	41,234	1,744	42,348	2,261	30,156	3,122	1,731	304	1,620	226	2,239	663
WEL	09/05	4,043	214	4,897	99	3,488	193	25,639	1,943	30,161	678	22,352	1,426	973	908	624	65	786	175
WFA	09/05	34,695	168	35,453	1,180	3,480	87	0	0	0	0	0	0	127	1	146	4	5	0

DAM	Coho						Sockeye			Steelhead			
	2006		2005		10-Yr Avg.		2006	2005	10-Yr Avg.	10-Yr			Wild 2006
	Adult	Jack	Adult	Jack	Adult	Jack				2006	2005	Avg.	
BON	22,486	896	17,610	1,154	16,038	1,027	37,062	72,963	60,133	236,707	221,269	241,220	65,016
TDA	3,690	269	2,373	249	1,802	210	30,022	65,266	50,295	91,346	83,533	109,948	26,017
JDA	1,650	323	1,327	180	790	96	35,392	69,763	54,246	58,052	64,433	78,598	16,736
MCN	540	39	357	65	245	43	29,224	63,537	46,924	35,761	50,432	56,936	9,871
IHR	6	9	11	1	3	0	55	18	27	16,425	23,968	30,120	3,584
LMN	1	0	0	0	0	0	18	18	29	17,992	20,019	25,848	3,886
LGS	1	0	0	0	0	0	26	13	33	9,821	13,611	18,184	2,617
LGR	-1	0	0	0	0	0	15	18	34	13,274	14,259	18,792	3,675
PRD	149	17	36	3	11	1	26,704	74,558	58,616	4,562	5,578	6,964	0
RIS	17	0	21	0	5	0	34,933	71,201	53,568	3,807	5,903	6,174	1,623
RRH	0	0	0	0	1	0	25,371	55,540	37,466	2,852	4,079	4,441	1,114
WEL	0	0	0	0	0	0	21,994	53,149	36,464	1,560	2,256	2,773	594
WFA	3	0	9	1	0	0	0	0	0	28,705	19,289	18,140	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: 09/08/06

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
5,592

