



# Fish Passage Center Weekly Report #06 - 31

November 3, 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 2006; the reports will resume in March 2007.**

**Summary of Events:**

**Water Supply:** Water Year 2007 began on October 1, 2006. Precipitation throughout the Columbia Basin has varied between 50% and 159% of average at individual sub-basins over October. Precipitation above The Dalles over October has been 95% of average.

**Table 1. Summary of October precipitation and cumulative Water Year 2007 precipitation with respect to average (1971-2000), at select locations within the Columbia and Snake River Basins.**

Location	Water Year 2007 October 1-23		Water Year 2007 October 1, 2006 to October 23, 2006	
	Observed (inches)	% Average	Observed (inches)	% Average
Columbia Above Coulee	1.16	85	1.16	85
Snake River Above Ice Harbor	1.12	125	1.12	125
Columbia Above The Dalles	1.17	95	1.17	95
Kootenai	0.97	71	0.97	71
Clark Fork	1.39	159	1.39	159
Flathead	1.21	97	1.21	97
Pend Oreille/Spokane	1.41	89	1.41	89
Central Washington	0.45	101	0.45	101
Snake River Plain	0.94	147	0.94	147
Salmon/Boise/ Payette	0.97	105	0.97	105
Clearwater	1.30	81	1.30	81
SW Washington Cascades/Cowlitz	2.45	60	2.45	60
Willamette Valley	1.59	50	1.59	50

Grand Coulee Reservoir is at 1285.4 feet (11-2-06) and has drafted 1.0 foot over the last week. Outflows at Grand Coulee ranged between 50.2 and 112.5 Kcfs last week.

The Libby Reservoir is currently at elevation 2435.9 feet (11-2-06) and drafted 0.6 feet last week. Outflows have increased from 4.4 Kcfs to 8.8 Kcfs over the last several days.

Hungry Horse is currently at an elevation of 3534.9 feet (11-2-06) and has drafted approximately 1.2 feet in the last week. Hungry Horse outflows have been 2.7-2.9 Kcfs over the last week.

Dworshak is currently at an elevation of 1517.1 feet (11-2-06) and drafted 0.5 feet last week. Outflows at Dworshak were 1.5 Kcfs last week.

The Brownlee Reservoir was at an elevation of 2057.1 feet on November 2, 2006 and refilled 3.2 feet last week. Outflows at Hells Canyon have been approximately 8.6 Kcfs over the last week.

**Smolt Monitoring:** October 31 was the last day of sampling at SMP sites for 2006. Sampling ended at Lower Granite, Little Goose and Bonneville dams Tuesday. Subyearling Chinook salmon predominated in the run at all sites as they have for the past several months. Relatively small numbers of subyearling migrants continue to be detected at the three monitoring sites still operating.

At Lower Granite Dam, subyearling chinook indices decreased to less than 100 fish per day on average in the past two weeks compared to roughly 200 per day in the previous two week period. While at Little Goose Dam the

subyearling index averaged nearly 20 fish per day this week compared to 10 per day last week.

At Bonneville Dam subyearling indices remained relatively low, with the index averaging near 30 per day over the past two weeks.

**Adult Fish Passage:** At Bonneville Dam, daily counts of fall Chinook have ranged between 105 and 337 fish between October 27th and October 31st. As of October 31st, 2006, a total of 294,344 fall Chinook had passed Bonneville Dam, which is 71% of the 2005 count on the same date and 84% of the ten-year average. Daily counts at Rock Island Dam ranged between 27 and 53 fall Chinook during the last week.

At Bonneville Dam, steelhead counts averaged 162 fish per day between October 27th and October 31st. Through October 31st, the steelhead run at Bonneville Dam was 328,559 fish, 105% and 102% of the respective 2005 and 10-year average counts. The daily counts at The Dalles Dam ranged between 225 and 321 fish between October 27th and October 31st with the cumulative steelhead count through October 31st at 235,623. The majority of the 183,654 steelhead counted at McNary Dam have moved up into the Snake River with the cumulative count at Ice Harbor Dam now at 124,104 for the season. The cumulative count at Rock Island Dam is 9,324 for the season.

Adult Coho salmon passage at Bonneville Dam averaged 286 fish per day between October 27th and October 31st with the count at Bonneville through October 31st at 97,882 fish, about 118% of the 2005 and 112% of the 10-year average counts.

**Hatchery Releases:** Ongoing releases of just over 100,000 sockeye were completed by November 1 into Alturas, Pettit, and Redfish Lake. Another release of 50,000 sockeye into Pettit began November 1 and those releases are scheduled to be completed by the end of the year.

**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
10/20/06	65.4	0.0	64.2	0.0	67.3	0.0	70.0	0.0	70.3	0.0	70.3	1.8	66.6	1.1
10/21/06	46.7	0.0	52.1	0.0	52.3	0.0	50.3	0.0	52.4	0.0	65.0	2.0	63.1	1.1
10/22/06	51.3	0.0	51.5	0.0	47.3	0.0	50.7	0.0	48.3	0.0	54.3	1.9	54.1	1.1
10/23/06	79.9	0.0	77.1	0.0	82.7	0.0	84.3	0.0	84.0	0.0	82.7	1.7	76.7	0.8
10/24/06	73.9	0.0	80.8	0.0	79.6	0.0	79.7	0.0	80.4	0.0	84.4	1.8	75.9	1.0
10/25/06	68.3	0.0	63.9	0.0	63.9	0.0	62.8	0.0	63.2	0.0	71.9	1.8	73.8	1.0
10/26/06	61.5	0.0	63.8	0.0	65.2	0.0	69.2	0.0	70.9	0.0	81.4	1.5	73.4	0.8
10/27/06	59.2	0.0	55.2	0.0	55.2	0.0	56.9	0.0	58.4	0.0	67.5	1.3	71.8	0.7
10/28/06	50.8	0.0	53.2	0.0	56.0	0.0	54.0	0.0	53.8	0.0	61.1	1.2	48.2	0.9
10/29/06	50.2	0.0	44.5	0.0	52.3	0.0	59.0	0.0	60.6	0.0	53.1	1.4	45.5	1.0
10/30/06	86.8	0.0	92.2	0.0	86.1	0.0	77.5	0.0	78.6	0.0	84.1	1.4	83.8	0.9
10/31/06	112.5	0.0	113.2	0.0	113.2	0.0	112.5	0.0	113.2	0.0	99.3	1.7	94.5	3.9
11/01/06	94.1	0.0	90.2	0.0	88.9	0.0	95.4	0.0	93.5	0.0	105.0	2.0	100.0	4.2
11/02/06	100.7	0.0	101.0	0.0	99.6	0.1	100.3	0.0	99.7	0.0	89.4	2.9	93.0	0.9

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

Date	Dworshak		Brownlee Canyon		Hells Granite		Lower Granite		Little Goose		Lower Monumental		Ice Harbor	
	Flow	Spill	Inflow	Outflow	Flow	Spill	Flow	Spill	Flow	Spill	Flow	Spill	Flow	Spill
10/20/06	1.5	0.0	12.2	8.6	16.5	0.0	15.6	0.0	15.2	0.0	14.4	0.0	14.4	0.0
10/21/06	1.5	0.0	11.5	8.6	18.4	0.0	23.2	0.0	24.6	0.0	25.8	0.0	25.8	0.0
10/22/06	1.5	0.0	11.5	8.6	18.0	0.0	15.6	0.0	16.9	0.0	15.4	0.0	15.4	0.0
10/23/06	1.5	0.0	11.6	8.6	18.2	0.0	17.2	0.0	16.9	0.0	16.6	0.0	16.6	0.0
10/24/06	1.5	0.0	11.0	8.6	16.1	0.0	18.0	0.0	17.8	0.0	16.8	0.0	16.8	0.0
10/25/06	1.5	0.0	11.7	8.7	16.2	0.0	16.4	0.0	17.5	0.0	18.2	0.0	18.2	0.0
10/26/06	1.5	0.0	11.0	8.7	17.0	0.0	14.8	0.0	14.2	0.0	12.2	0.0	12.2	0.0
10/27/06	1.5	0.0	11.2	8.6	16.8	0.0	18.0	0.0	17.5	0.0	17.9	0.0	17.9	0.0
10/28/06	1.5	0.0	12.9	8.7	16.7	0.0	17.7	0.0	18.2	0.0	19.1	0.0	19.1	0.0
10/29/06	1.5	0.0	12.4	8.6	14.3	0.0	14.0	0.0	14.6	0.0	12.8	0.0	12.8	0.0
10/30/06	1.5	0.0	10.7	8.4	16.9	0.2	18.8	0.0	20.1	0.0	20.6	0.0	20.6	0.0
10/31/06	1.5	0.0	11.5	8.5	16.0	0.0	16.1	0.0	17.2	0.0	16.0	0.0	16.0	0.0
11/01/06	1.5	0.0	11.2	8.6	26.8	0.0	26.6	0.0	27.8	0.0	31.7	0.0	31.7	0.0
11/02/06	1.5	0.0	---	---	15.6	0.0	14.1	0.0	15.4	0.0	12.5	0.0	12.5	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		
10/20/06	92.9	0.0	85.4	0.7	85.5	0.0	92.5	1.2	15.2	69.8
10/21/06	85.3	0.0	89.4	0.7	99.2	0.0	109.5	1.2	30.3	71.7
10/22/06	76.2	0.0	84.3	0.7	80.6	0.0	88.9	1.3	12.8	68.5
10/23/06	97.7	0.0	93.2	0.7	97.2	0.0	100.8	1.2	21.7	71.6
10/24/06	89.7	0.0	83.3	0.8	85.5	0.0	96.5	1.2	9.5	79.5
10/25/06	99.5	0.0	98.1	0.8	100.9	0.0	106.8	1.2	21.7	77.6
10/26/06	104.4	0.0	101.5	0.8	102.1	0.0	106.9	1.2	18.3	81.1
10/27/06	104.1	0.0	103.7	0.7	103.0	0.0	108.5	1.2	18.7	82.2
10/28/06	77.3	0.0	80.1	0.7	85.0	0.0	93.4	1.2	5.2	80.6
10/29/06	67.1	0.0	66.1	0.8	68.0	0.0	80.2	1.2	1.2	71.5
10/30/06	110.0	0.0	111.6	0.7	113.9	0.0	120.2	1.1	30.7	82.0
10/31/06	116.6	0.0	124.8	0.6	125.6	0.0	138.4	1.2	45.4	85.5
11/01/06	112.2	0.1	120.8	0.6	122.7	0.0	136.0	1.3	40.9	87.5
11/02/06	126.9	0.0	120.0	0.6	123.3	0.0	124.9	1.2	35.4	82.0

## HATCHERY RELEASE LAST TWO WEEKS

### Hatchery Release Summary

From: 10/20/2006 to 11/02/06

Agency	Hatchery	Species	Race	MigYr	NumRel	RelStart	RelEnd	RelSite	RelRiver
Idaho Dept. of Fish and Game	Sawtooth Hatchery	SO		2007	20,000	10-01-06	10-31-06	Alturas Lake	Salmon River (ID)
Idaho Dept. of Fish and Game	Sawtooth Hatchery	SO		2007	20,000	10-01-06	10-31-06	Pettit Lake	Salmon River (ID)
Idaho Dept. of Fish and Game	Sawtooth Hatchery	SO		2007	50,000	11-01-06	12-31-06	Pettit Lake	Salmon River (ID)
Idaho Dept. of Fish and Game	Sawtooth Hatchery	SO		2007	65,000	10-01-06	10-31-06	Redfish Lake	Salmon River (ID)
<b>Idaho Dept. of Fish and Game</b>									
<b>Total</b>					<b>155,000</b>				
<b>Grand Total</b>					<b>155,000</b>				

## HATCHERY RELEASE NEXT TWO WEEKS

### Hatchery Release Summary

From: 11/3/2006 to 11/16/2006

Agency	Hatchery	Species	Race	MigYr	NumRel	RelStart	RelEnd	RelSite	RelRiver
Idaho Dept. of Fish and Game	Sawtooth Hatchery	SO		2007	50,000	11-01-06	12-31-06	Pettit Lake	Salmon River (ID)
<b>Idaho Dept. of Fish and Game</b>									
<b>Total</b>					<b>50,000</b>				
<b>Grand Total</b>					<b>50,000</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	<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>				
	<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>				
10/20	---	---	---	0	107	111	111	24	100	100	100	24	98	98	99	24	99	99	99	24
10/21	---	---	---	0	105	108	109	24	99	99	99	24	97	98	98	24	98	98	99	24
10/22	---	---	---	0	106	109	110	24	99	100	100	24	98	99	100	24	99	99	99	24
10/23	---	---	---	0	106	111	112	24	100	100	100	24	99	99	100	24	99	99	99	24
10/24	---	---	---	0	104	107	110	24	100	100	101	24	99	100	100	24	99	100	100	24
10/25	---	---	---	0	105	108	109	24	99	99	100	24	98	98	98	24	99	99	99	24
10/26	---	---	---	0	104	108	109	24	99	99	105	24	97	98	99	24	99	99	99	24
10/27	---	---	---	0	105	107	109	24	99	99	99	24	97	97	98	24	98	98	98	24
10/28	---	---	---	0	104	106	107	24	99	99	100	24	98	98	100	24	98	99	99	24
10/29	---	---	---	0	105	108	111	24	100	100	101	24	99	100	101	24	98	99	99	23
10/30	---	---	---	0	104	108	114	24	98	99	99	24	97	97	99	24	97	97	97	24
10/31	---	---	---	0	103	106	113	24	98	98	98	24	97	97	98	24	97	97	97	24
11/1	---	---	---	0	101	103	111	24	98	98	98	24	97	98	98	24	97	97	97	24
11/2	---	---	---	0	102	104	113	24	99	99	99	24	98	98	98	24	97	97	98	24

### 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>				
	<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>				
10/20	98	99	99	24	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/21	98	98	99	24	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/22	98	99	99	24	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/23	98	98	99	24	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/24	98	99	100	24	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/25	97	98	98	24	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/26	98	98	98	24	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/27	97	97	98	24	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/28	97	98	99	24	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/29	97	98	98	23	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/30	96	96	96	24	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/31	96	96	96	24	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
11/1	96	96	97	24	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
11/2	96	97	97	24	---	---	---	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>				
	<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>				
10/20	---	---	---	0	---	---	---	0	97	97	98	23	99	99	99	23	98	99	99	23
10/21	---	---	---	0	---	---	---	0	97	97	98	23	99	99	99	23	98	98	99	23
10/22	---	---	---	0	---	---	---	0	97	98	98	23	99	100	100	23	98	99	99	23
10/23	---	---	---	0	---	---	---	0	97	98	99	23	99	99	100	23	99	99	100	23
10/24	---	---	---	0	---	---	---	0	97	98	98	23	99	99	100	23	99	99	100	23
10/25	---	---	---	0	---	---	---	0	96	96	97	23	98	99	99	23	98	98	99	23
10/26	---	---	---	0	---	---	---	0	96	97	97	23	98	98	99	23	98	98	98	23
10/27	---	---	---	0	---	---	---	0	97	97	97	23	98	98	99	23	98	98	99	23
10/28	---	---	---	0	---	---	---	0	97	98	98	23	99	99	100	23	99	99	100	23
10/29	---	---	---	0	---	---	---	0	98	98	98	23	99	100	100	23	99	100	100	23
10/30	---	---	---	0	---	---	---	0	96	96	97	23	98	98	98	23	97	98	98	23
10/31	---	---	---	0	---	---	---	0	96	97	98	23	98	98	99	23	97	97	98	23
11/1	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
11/2	---	---	---	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	<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>24 h</u>		<u>12 h</u>		#	<u>24 h</u>		<u>12 h</u>		#	<u>24 h</u>		<u>12 h</u>		#
	Avg	Avg	High	hr		Avg	Avg	High	hr		Avg	Avg	High	hr		Avg	Avg	High	hr	
10/20	100	101	101	23	---	---	---	0	101	102	103	24	100	102	103	24	---	---	---	0
10/21	100	100	101	23	---	---	---	0	100	101	102	24	100	101	102	24	---	---	---	0
10/22	101	101	102	23	---	---	---	0	100	101	102	24	100	101	102	24	---	---	---	0
10/23	100	101	101	23	---	---	---	0	100	100	101	24	100	101	102	24	---	---	---	0
10/24	101	101	102	23	---	---	---	0	100	101	102	24	100	101	102	24	---	---	---	0
10/25	99	100	100	23	---	---	---	0	97	97	98	20	100	101	103	24	---	---	---	0
10/26	99	100	101	23	---	---	---	0	100	100	102	10	99	101	102	24	---	---	---	0
10/27	99	100	100	23	---	---	---	0	100	101	102	24	100	101	102	24	---	---	---	0
10/28	100	101	101	23	---	---	---	0	100	101	102	24	100	101	102	24	---	---	---	0
10/29	101	101	102	23	---	---	---	0	101	102	103	24	100	101	103	24	---	---	---	0
10/30	99	100	100	23	---	---	---	0	100	101	102	24	99	100	101	24	---	---	---	0
10/31	99	99	100	23	---	---	---	0	100	100	102	24	98	99	100	24	---	---	---	0
11/1	---	---	---	0	---	---	---	0	100	100	101	24	98	100	100	24	---	---	---	0
11/2	---	---	---	0	---	---	---	0	100	101	101	24	99	101	101	24	---	---	---	0

### 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>24 h</u>		<u>12 h</u>		#	<u>24 h</u>		<u>12 h</u>		#	<u>24 h</u>		<u>12 h</u>		#
	Avg	Avg	High	hr		Avg	Avg	High	hr		Avg	Avg	High	hr		Avg	Avg	High	hr	
10/20	---	---	---	0	---	---	---	0	98	98	99	24	---	---	---	0	96	96	96	24
10/21	---	---	---	0	---	---	---	0	97	97	98	24	---	---	---	0	95	96	96	24
10/22	---	---	---	0	---	---	---	0	97	98	98	24	---	---	---	0	96	96	96	24
10/23	---	---	---	0	---	---	---	0	97	98	98	24	---	---	---	0	96	96	97	24
10/24	---	---	---	0	---	---	---	0	98	98	99	24	---	---	---	0	97	97	97	24
10/25	---	---	---	0	---	---	---	0	97	97	98	24	---	---	---	0	96	96	96	22
10/26	---	---	---	0	---	---	---	0	96	96	97	24	---	---	---	0	95	95	96	19
10/27	---	---	---	0	---	---	---	0	97	97	98	24	---	---	---	0	95	96	96	24
10/28	---	---	---	0	---	---	---	0	97	97	98	24	---	---	---	0	96	97	97	24
10/29	---	---	---	0	---	---	---	0	98	98	98	24	---	---	---	0	97	97	98	24
10/30	---	---	---	0	---	---	---	0	97	98	101	24	---	---	---	0	96	96	96	24
10/31	---	---	---	0	---	---	---	0	96	97	97	24	---	---	---	0	95	95	96	16
11/1	---	---	---	0	---	---	---	0	97	97	98	24	---	---	---	0	95	96	96	17
11/2	---	---	---	0	---	---	---	0	97	97	97	24	---	---	---	0	96	96	96	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>24 h</u>		<u>12 h</u>		#	<u>24 h</u>		<u>12 h</u>		#	<u>24 h</u>		<u>12 h</u>		#
	Avg	Avg	High	hr		Avg	Avg	High	hr		Avg	Avg	High	hr		Avg	Avg	High	hr	
10/20	---	---	---	0	96	97	101	24	---	---	---	0	97	98	98	24	---	---	---	0
10/21	---	---	---	0	97	98	105	24	---	---	---	0	96	97	97	24	---	---	---	0
10/22	---	---	---	0	96	96	97	24	---	---	---	0	97	98	98	24	---	---	---	0
10/23	---	---	---	0	96	96	97	24	---	---	---	0	97	98	99	24	---	---	---	0
10/24	---	---	---	0	97	97	98	24	---	---	---	0	97	98	98	24	---	---	---	0
10/25	---	---	---	0	96	97	97	22	---	---	---	0	97	98	99	24	---	---	---	0
10/26	---	---	---	0	96	96	97	24	---	---	---	0	97	97	99	24	---	---	---	0
10/27	---	---	---	0	96	96	96	24	---	---	---	0	97	97	97	24	---	---	---	0
10/28	---	---	---	0	96	97	97	24	---	---	---	0	97	98	99	24	---	---	---	0
10/29	---	---	---	0	97	97	98	24	---	---	---	0	98	99	99	24	---	---	---	0
10/30	---	---	---	0	96	96	97	24	---	---	---	0	97	97	98	24	---	---	---	0
10/31	---	---	---	0	95	95	96	15	---	---	---	0	96	96	97	24	---	---	---	0
11/1	---	---	---	0	96	96	97	22	---	---	---	0	96	96	97	24	---	---	---	0
11/2	---	---	---	0	97	97	99	24	---	---	---	0	97	97	98	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>24h</u>	<u>12h</u>	#					
	Avg	Avg	High	hr	Avg	Avg	High	hr	Avg	Avg	High	hr	Avg	AVG	High	hr				
10/20	---	---	---	0	98	98	98	24	---	---	---	0	97	97	97	24	---	---	---	0
10/21	---	---	---	0	98	98	98	24	---	---	---	0	97	97	97	24	---	---	---	0
10/22	---	---	---	0	98	99	99	24	---	---	---	0	97	97	97	24	---	---	---	0
10/23	---	---	---	0	99	99	99	24	---	---	---	0	97	97	97	24	---	---	---	0
10/24	---	---	---	0	99	99	100	24	---	---	---	0	97	97	97	24	---	---	---	0
10/25	---	---	---	0	98	98	98	24	---	---	---	0	96	97	98	24	---	---	---	0
10/26	---	---	---	0	97	98	98	24	---	---	---	0	97	98	98	24	---	---	---	0
10/27	---	---	---	0	98	98	98	24	---	---	---	0	97	98	98	24	---	---	---	0
10/28	---	---	---	0	98	99	99	24	---	---	---	0	99	100	101	24	---	---	---	0
10/29	---	---	---	0	99	100	100	24	---	---	---	0	100	101	101	24	---	---	---	0
10/30	---	---	---	0	98	98	98	17	---	---	---	0	98	99	99	24	---	---	---	0
10/31	---	---	---	0	97	97	97	24	---	---	---	0	98	98	99	24	---	---	---	0
11/1	---	---	---	0	97	98	98	24	---	---	---	0	97	98	98	24	---	---	---	0
11/2	---	---	---	0	97	98	98	24	---	---	---	0	99	99	99	24	---	---	---	0

### 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>24h</u>	<u>12h</u>	#					
	Avg	Avg	High	hr	Avg	Avg	High	hr	Avg	Avg	High	hr	Avg	AVG	High	hr				
10/20	100	100	100	24	---	---	---	0	101	102	102	24	---	---	---	0	---	---	---	0
10/21	100	100	100	24	---	---	---	0	101	101	102	24	---	---	---	0	---	---	---	0
10/22	100	100	100	24	---	---	---	0	101	101	102	24	---	---	---	0	---	---	---	0
10/23	100	100	101	24	---	---	---	0	101	101	102	24	---	---	---	0	---	---	---	0
10/24	100	100	101	24	---	---	---	0	101	101	102	24	---	---	---	0	---	---	---	0
10/25	99	99	100	24	---	---	---	0	100	100	101	24	---	---	---	0	---	---	---	0
10/26	99	100	100	24	---	---	---	0	100	101	101	24	---	---	---	0	---	---	---	0
10/27	99	100	100	24	---	---	---	0	101	101	102	24	---	---	---	0	---	---	---	0
10/28	100	101	101	24	---	---	---	0	101	101	102	24	---	---	---	0	---	---	---	0
10/29	101	101	102	24	---	---	---	0	101	101	102	24	---	---	---	0	---	---	---	0
10/30	100	100	101	24	---	---	---	0	100	100	101	24	---	---	---	0	---	---	---	0
10/31	99	99	99	24	---	---	---	0	99	99	100	24	---	---	---	0	---	---	---	0
11/1	99	99	100	24	---	---	---	0	100	100	100	24	---	---	---	0	---	---	---	0
11/2	99	99	100	24	---	---	---	0	100	100	100	24	---	---	---	0	---	---	---	0

## 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>

<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)
10/20/2006	---	---	---	---	1	0	---	---	---	---	0
10/21/2006	---	---	---	---	0	0	---	---	---	---	0
10/22/2006	---	---	---	---	0	0	---	---	---	---	0
10/23/2006	---	---	---	---	0	0	---	---	---	---	0
10/24/2006	---	---	---	---	0	0	---	---	---	---	0
10/25/2006	---	---	---	---	0	0	---	---	---	---	0
10/26/2006	---	---	---	---	0	0	---	---	---	---	0
10/27/2006	---	---	---	---	0	0	---	---	---	---	0
10/28/2006	---	---	---	---	0	0	---	---	---	---	0
10/29/2006	*	---	---	---	3	0	---	---	---	---	0
10/30/2006	---	---	---	---	0	0	---	---	---	---	0
10/31/2006	---	---	---	---	0	0	---	---	---	---	---
11/01/2006	*	---	---	---	0	0	---	---	---	---	---
11/02/2006	---	---	---	---	---	---	---	---	---	---	---
11/03/2006	---	---	---	---	---	---	---	---	---	---	---
<hr/>											
<b>Total:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</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>13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</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>3,692,709</b>	<b>4,181,951</b>	<b>1,439,253</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)
10/20/2006	---	---	---	---	136	7	---	---	---	---	30
10/21/2006	---	---	---	---	93	6	---	---	---	---	36
10/22/2006	---	---	---	---	176	16	---	---	---	---	34
10/23/2006	---	---	---	---	115	25	---	---	---	---	5
10/24/2006	---	---	---	---	158	8	---	---	---	---	16
10/25/2006	---	---	---	---	104	14	---	---	---	---	14
10/26/2006	---	---	---	---	80	11	---	---	---	---	27
10/27/2006	---	---	---	---	88	6	---	---	---	---	44
10/28/2006	---	---	---	---	128	12	---	---	---	---	36
10/29/2006	*	---	---	---	115	12	---	---	---	---	21
10/30/2006	---	---	---	---	74	17	---	---	---	---	41
10/31/2006	---	---	---	---	99	14	---	---	---	---	---
11/01/2006	*	---	---	---	10	65	---	---	---	---	---
11/02/2006	---	---	---	---	---	---	---	---	---	---	---
11/03/2006	---	---	---	---	---	---	---	---	---	---	---
<hr/>											
<b>Total:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,376</b>	<b>213</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>304</b>
<b># Days:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</b>
<b>Average:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>106</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28</b>
<b>YTD</b>	<b>3</b>	<b>30</b>	<b>15</b>	<b>291</b>	<b>754,292</b>	<b>1,130,092</b>	<b>358,198</b>	<b>32,152</b>	<b>4,068,972</b>	<b>2,824,998</b>	<b>3,856,912</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)
10/20/2006	---	---	---	---	0	0	---	---	---	---	0
10/21/2006	---	---	---	---	0	0	---	---	---	---	0
10/22/2006	---	---	---	---	0	0	---	---	---	---	0
10/23/2006	---	---	---	---	0	0	---	---	---	---	0
10/24/2006	---	---	---	---	0	0	---	---	---	---	0
10/25/2006	---	---	---	---	0	0	---	---	---	---	0
10/26/2006	---	---	---	---	0	0	---	---	---	---	0
10/27/2006	---	---	---	---	0	1	---	---	---	---	0
10/28/2006	---	---	---	---	1	0	---	---	---	---	0
10/29/2006 *	---	---	---	---	0	0	---	---	---	---	0
10/30/2006	---	---	---	---	0	0	---	---	---	---	0
10/31/2006	---	---	---	---	0	0	---	---	---	---	---
11/01/2006 *	---	---	---	---	0	0	---	---	---	---	---
11/02/2006	---	---	---	---	---	---	---	---	---	---	---
11/03/2006	---	---	---	---	---	---	---	---	---	---	---
<hr/>											
<b>Total:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</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>13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</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>0</b>	<b>0</b>	<b>0</b>	<b>49</b>	<b>86,174</b>	<b>133,023</b>	<b>33,976</b>	<b>61,284</b>	<b>102,165</b>	<b>316,789</b>	<b>657,551</b>

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)
10/20/2006	---	---	---	---	0	0	---	---	---	---	0
10/21/2006	---	---	---	---	0	0	---	---	---	---	0
10/22/2006	---	---	---	---	0	0	---	---	---	---	0
10/23/2006	---	---	---	---	1	0	---	---	---	---	0
10/24/2006	---	---	---	---	1	0	---	---	---	---	0
10/25/2006	---	---	---	---	0	0	---	---	---	---	0
10/26/2006	---	---	---	---	0	0	---	---	---	---	0
10/27/2006	---	---	---	---	0	0	---	---	---	---	0
10/28/2006	---	---	---	---	2	0	---	---	---	---	0
10/29/2006 *	---	---	---	---	0	0	---	---	---	---	0
10/30/2006	---	---	---	---	0	0	---	---	---	---	0
10/31/2006	---	---	---	---	0	0	---	---	---	---	---
11/01/2006 *	---	---	---	---	0	1	---	---	---	---	---
11/02/2006	---	---	---	---	---	---	---	---	---	---	---
11/03/2006	---	---	---	---	---	---	---	---	---	---	---
<hr/>											
<b>Total:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>1</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>13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</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>1,970</b>	<b>19,014</b>	<b>9,317</b>	<b>3,068</b>	<b>4,483,445</b>	<b>4,376,047</b>	<b>1,265,456</b>	<b>26,931</b>	<b>443,245</b>	<b>1,682,247</b>	<b>271,628</b>

## Two-Week Summary of Passage Indices

COMBINED SOCKEYE											
	WTB	IMN	GRN	LEW	LGR	LGS	LMN	RIS	MCN	JDA	BO2
Date	(Coll)	(Coll)	(Coll)	(Coll)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)
10/20/2006	---	---	---	---	0	0	---	---	---	---	0
10/21/2006	---	---	---	---	0	0	---	---	---	---	0
10/22/2006	---	---	---	---	2	1	---	---	---	---	0
10/23/2006	---	---	---	---	1	0	---	---	---	---	0
10/24/2006	---	---	---	---	3	1	---	---	---	---	0
10/25/2006	---	---	---	---	1	0	---	---	---	---	0
10/26/2006	---	---	---	---	1	0	---	---	---	---	0
10/27/2006	---	---	---	---	7	0	---	---	---	---	0
10/28/2006	---	---	---	---	18	0	---	---	---	---	0
10/29/2006 *	---	---	---	---	11	0	---	---	---	---	0
10/30/2006	---	---	---	---	6	1	---	---	---	---	0
10/31/2006	---	---	---	---	4	0	---	---	---	---	---
11/01/2006 *	---	---	---	---	1	0	---	---	---	---	---
11/02/2006	---	---	---	---	---	---	---	---	---	---	---
11/03/2006	---	---	---	---	---	---	---	---	---	---	---
<hr/>											
<b>Total:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>55</b>	<b>3</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>13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</b>
<b>Average:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>YTD</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>679</b>	<b>51,951</b>	<b>92,653</b>	<b>40,240</b>	<b>34,604</b>	<b>497,096</b>	<b>529,302</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  
 $\text{Passage Index} = \text{Collection Counts} / \{ \text{Powerhouse Flow} / (\text{Powerhouse Flow} + \text{Spill}) \}$
- LGS (Index) = Little Goose Bypass Collection System : Passage Index Counts  
 $\text{Passage Index} = \text{Collection Counts} / \{ \text{Powerhouse Flow} / (\text{Powerhouse Flow} + \text{Spill}) \}$
- LMN (Index) = Lower Monumental Dam Bypass Collection System : Passage Index Counts  
 $\text{Passage Index} = \text{Collection Counts} / \{ \text{Powerhouse Flow} / (\text{Powerhouse Flow} + \text{Spill}) \}$
- RIS (Index) = Rock Island Dam Second Powerhouse Bypass Trap : Passage Index Counts  
 $\text{Passage Index} = \text{Collection Counts} / \{ \text{Powerhouse 2 Flow} / (\text{Powerhouse 1 \& 2 Flow} + \text{Spill}) \}$
- MCN (Index) = McNary Dam Bypass Collection System : Passage Index Counts  
 $\text{Passage Index} = \text{Collection Counts} / \{ \text{Powerhouse Flow} / (\text{Powerhouse Flow} + \text{Spill}) \}$
- JDA (Index) = John Day Dam Bypass Collection System : Passage Index Counts  
 $\text{Passage Index} = \text{Collection Counts} / \{ \text{Powerhouse Flow} / (\text{Powerhouse Flow} + \text{Spill}) \}$
- BO2 (Index) = Bonneville Dam Second Powerhouse Bypass Collection System : Passage Index Counts  
 $\text{Passage Index} = \text{Collection Counts} / \{ \text{Powerhouse 2 Flow} / (\text{Powerhouse 1 \& 2 Flow} + \text{Spill}) \}$

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:

11/3/06 9:25 AM

10/20/06 TO 11/03/06

		Species					
Site	Data	CH0	CH1	CO	SO	ST	Grand Total
<b>LGR</b>	Sum of NumberCollected	1,375	4	1	55	4	1,439
	Sum of NumberBarged	0	0	0	0	0	0
	Sum of NumberBypassed	108	0	0	5	1	114
	Sum of Numbertrucked	1,416	3	1	50	4	1,474
	Sum of SampleMorts	11	1	0	0	0	12
	Sum of FacilityMorts	0	0	0	0	0	0
	Sum of ResearchMorts	2	0	0	0	0	2
	Sum of TotalProjectMorts	13	1	0	0	0	14
<b>LGS</b>	Sum of NumberCollected	213				3	217
	Sum of NumberBarged	0				0	0
	Sum of NumberBypassed	0				0	0
	Sum of Numbertrucked	213				3	217
	Sum of SampleMorts	3				1	4
	Sum of FacilityMorts	2				0	2
	Sum of ResearchMorts	0				0	0
	Sum of TotalProjectMorts	5				1	6
<b>Total Sum of NumberCollected</b>		<b>1,588</b>	<b>4</b>	<b>1</b>	<b>58</b>	<b>5</b>	<b>1,656</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>108</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>1</b>	<b>114</b>
<b>Total Sum of Numbertrucked</b>		<b>1,629</b>	<b>3</b>	<b>1</b>	<b>53</b>	<b>5</b>	<b>1,691</b>
<b>Total Sum of SampleMorts</b>		<b>14</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>16</b>
<b>Total Sum of FacilityMorts</b>		<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>
<b>Total Sum of ResearchMorts</b>		<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>
<b>Total Sum of TotalProjectMorts</b>		<b>18</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>20</b>

### YTD Transportation Summary

Source: Fish Passage Center

Updated:

11/3/06 9:25 AM

TO: 11/03/06

		Species					
Site	Data	CH0	CH1	CO	SO	ST	Grand Total
<b>LGR</b>	Sum of NumberCollected	485,173	2,407,718	51,179	32,700	2,820,614	5,797,384
	Sum of NumberBarged	459,367	1,964,112	46,809	25,789	2,467,171	4,963,248
	Sum of NumberBypassed	17,494	437,073	4,214	6,242	352,047	817,070
	Sum of NumberTrucked	6,637	8	12	77	17	6,751
	Sum of SampleMorts	355	204	2	33	102	696
	Sum of FacilityMorts	1,277	6,010	140	558	1,220	9,205
	Sum of ResearchMorts	43	311	2	1	57	414
	Sum of TotalProjectMorts	1,675	6,525	144	592	1,379	10,315
<b>LGS</b>	Sum of NumberCollected	768,951	3,130,826	88,084	63,242	3,228,555	7,279,658
	Sum of NumberBarged	755,567	2,746,897	86,462	52,991	2,634,368	6,276,285
	Sum of NumberBypassed	4,281	376,358	1,524	8,895	591,429	982,487
	Sum of NumberTrucked	1,872	4	3	19	7	1,905
	Sum of SampleMorts	192	138	1	24	21	376
	Sum of FacilityMorts	2,998	5,762	94	1,302	741	10,897
	Sum of ResearchMorts	23	22	0	0	1	46
	Sum of TotalProjectMorts	3,213	5,922	95	1,326	763	11,319
<b>LMN</b>	Sum of NumberCollected	249,629	1,096,143	23,183	27,784	935,556	2,332,295
	Sum of NumberBarged	242,161	1,060,701	23,024	27,012	883,887	2,236,785
	Sum of NumberBypassed	6,331	34,453	159	576	51,011	92,530
	Sum of NumberTrucked	579	4	0	2	3	588
	Sum of SampleMorts	163	47	0	9	35	254
	Sum of FacilityMorts	394	938	0	185	620	2,137
	Sum of ResearchMorts	1	0	0	0	0	1
	Sum of TotalProjectMorts	558	985	0	194	655	2,392
<b>MCN</b>	Sum of NumberCollected	2,101,937	830,103	47,855	253,140	230,448	3,463,483
	Sum of NumberBarged	988,885	326	100	938	69	990,318
	Sum of NumberBypassed	1,090,008	828,856	47,736	251,700	230,214	2,448,514
	Sum of NumberTrucked	14,946	1	0	103	5	15,055
	Sum of SampleMorts	451	117	1	29	13	611
	Sum of FacilityMorts	7,452	761	15	353	141	8,722
	Sum of ResearchMorts	196	42	3	17	6	264
	Sum of TotalProjectMorts	8,099	920	19	399	160	9,597
Total Sum of NumberCollected		3,605,690	7,464,790	210,301	376,866	7,215,173	18,872,820
Total Sum of NumberBarged		2,445,980	5,772,036	156,395	106,730	5,985,495	14,466,636
Total Sum of NumberBypassed		1,118,114	1,676,740	53,633	267,413	1,224,701	4,340,601
Total Sum of NumberTrucked		24,034	17	15	201	32	24,299
Total Sum of SampleMorts		1,161	506	4	95	171	1,937
Total Sum of FacilityMorts		12,121	13,471	249	2,398	2,722	30,961
Total Sum of ResearchMorts		263	375	5	18	64	725
Total Sum of TotalProjectMorts		13,545	14,352	258	2,511	2,957	33,623

**Cumulative Adult Passage at Mainstem Dams Through: 11/02**

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	10/31	96,456	2,908	74,038	4,288	151,682	8,418	97,519	4,355	79,208	4,495	61,165	7,724	294,344	25,389	415,518	20,987	352,218	36,901
TDA	10/31	61,827	2,176	60,964	3,210	104,618	6,110	81,219	3,620	69,650	3,486	53,046	5,654	169,056	21,308	233,379	18,204	186,081	27,442
JDA	10/31	50,313	2,093	56,027	2,715	87,807	4,857	73,814	4,150	64,034	5,405	49,520	5,613	135,831	22,233	179,634	14,748	136,038	23,310
MCN	10/31	45,887	2,474	51,855	3,201	80,814	5,125	62,607	3,391	63,779	3,079	49,097	5,314	88,839	13,751	133,999	13,190	108,499	19,456
IHR	10/31	25,434	875	28,039	1,267	54,334	3,256	8,539	545	8,827	990	11,044	1,889	10,146	6,652	14,677	4,561	10,895	6,170
LMN	10/31	23,589	548	25,933	1,002	51,936	3,032	9,926	523	8,354	804	10,507	1,557	11,090	8,745	13,137	3,051	9,394	5,076
LGS	10/31	20,836	733	23,995	923	49,856	3,088	8,156	596	6,987	974	9,147	1,822	9,262	5,098	11,411	2,263	7,968	3,776
LGR	10/31	22,530	973	26,028	1,258	49,902	3,362	7,058	662	6,736	1,078	9,243	1,994	7,970	6,551	11,137	3,183	6,930	4,455
PRD	10/30	8,535	81	14,148	515	16,757	523	57,236	556	61,227	1,898	44,110	2,023	17,774	1,818	28,541	343	26,583	3,023
RIS	11/01	9,643	483	11,908	504	13,259	737	61,821	2,086	54,033	2,443	40,419	4,637	5,738	1,596	10,429	787	10,116	2,061
RRH	11/01	5,376	274	4,568	417	4,860	283	41,234	1,744	42,348	2,261	30,156	3,122	4,428	1,130	4,785	590	6,259	1,677
WEL	11/01	4,159	217	4,897	99	3,488	193	25,671	1,944	30,161	678	22,352	1,426	3,135	3,299	2,597	443	3,321	672
WFA	10/31	34,695	168	35,453	1,180	3,480	87	0	0	0	0	0	0	1,812	298	964	73	71	0

DAM	Coho						Sockeye			Steelhead			
	2006		2005		10-Yr Avg.		10-Yr		Wild	10-Yr			
	Adult	Jack	Adult	Jack	Adult	Jack	2006	2005		Avg.	2006	2005	Avg.
BON	97,882	7,767	82,669	5,485	87,717	5,689	37,066	72,971	60,133	328,559	312,506	321,852	82,760
TDA	29,728	2,468	32,447	2,182	23,966	2,032	30,026	65,273	50,295	235,623	240,349	244,810	56,947
JDA	28,868	4,910	30,869	3,328	20,096	2,046	35,387	69,770	54,248	217,122	223,174	246,654	52,009
MCN	12,161	1,143	18,577	1,199	10,583	892	29,304	63,540	46,924	183,654	214,105	189,800	42,136
IHR	885	74	1,601	20	878	25	50	18	27	124,104	155,541	143,802	26,954
LMN	1,097	79	2,065	30	780	43	20	18	29	135,215	153,792	137,410	27,270
LGS	940	36	1,913	79	632	13	34	13	33	124,953	143,537	126,852	24,758
LGR	1,068	288	1,988	101	826	37	16	18	34	129,453	147,924	130,401	26,749
PRD	3,037	580	695	81	1,885	229	26,710	74,560	58,621	10,348	12,358	13,538	0
RIS	5,378	0	6,217	0	2,916	0	35,138	71,226	53,638	9,324	12,331	12,835	4,051
RRH	1,461	0	1,152	0	470	0	25,377	55,570	37,478	7,939	9,623	9,947	2,911
WEL	385	0	300	0	109	0	22,075	53,218	36,502	6,372	7,026	7,278	2,429
WFA	5,695	1,544	1,240	270	98	11	0	0	0	29,205	19,487	1817	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: 11/03/06

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
121,200

