



# Fish Passage Center Weekly Report #07 - 11

May 18, 2007

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

## Summary of Events:

**Water Supply:** Precipitation throughout the Columbia Basin has varied between 34% and 104% of average at individual sub-basins over the first two weeks of May. Precipitation above The Dalles has been 65% of average over the first two weeks of May. Over the entire water year, precipitation has generally been near or above average.

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

Location	Water Year 2007		Water Year 2007	
	May 1-14		October 1, 2006 to May 14, 2007	
	Observed (inches)	% Average	Observed (inches)	% Average
Columbia Above Coulee	0.84	83	18.59	110
Snake River Above Ice Harbor	0.37	43	10.71	85
Columbia Above The Dalles	0.58	65	25.89	111
Kootenai	1.05	104	20.16	116
Clark Fork	0.77	84	11.63	104
Flathead	1.02	93	15.49	104
Pend Oreille/Spokane	0.40	34	22.25	94
Central Washington	0.25	72	6.56	95
Snake River Plain	0.29	44	6.33	81
Salmon/Boise/Payette	0.39	48	12.69	84
Clearwater	0.59	43	22.49	99
SW Washington Cascades/Cowlitz	1.03	60	61.3	101
Willamette Valley	1.09	68	54.58	106

Table 2 displays the May Final and May Mid-month runoff volume forecasts for multiple reservoirs. Water Supply Forecasts did not vary much between the May Final and May Mid-month forecasts at Columbia Basins and Snake Basin sites. The current forecast at The Dalles between January and July is 99,100 Kaf (92% of average).

**Table 2. May Final and May Mid month Run-off Volume Forecasts for various reservoirs within the Columbia and Snake River Basins.**

Location	May Final		May Mid-month	
	% Average (1971- 2000)	Probable Runoff Volume (Kaf)	% Average (1971- 2000)	Probable Runoff Volume (Kaf)
The Dalles (Jan-July)	92	99100	92	99100
Grand Coulee (Jan-July)	104	65300	104	65400
Libby Res. Inflow, MT (Jan-July)	108	6790	113	7100
Hungry Horse Res. Inflow, MT (Jan-July)	92	2050	98	2170
Lower Granite Res. Inflow (Apr- July)	66	14200	66	14200
Brownlee Res. Inflow (Apr-July)	48	3040	46	2930
Dworshak Res. Inflow (Apr-July), RFC Forecast	78	2060	78	2060
Dworshak Res. Inflow (Apr-July), COE Forecast	70 (May Final)	1868 (May Final)		

Grand Coulee Reservoir is at 1255.4 feet (5-17-07) and refilled 5.5 last week. Outflows at Grand Coulee ranged between 108.9 and 142.4 Kcfs last week.

Dworshak is currently at an elevation of 1582.6 feet (5-17-07) and refilled 4.3 feet last week. Outflows at Dworshak were reduced to 5.4 Kcfs on 5-17-07.

The Libby Reservoir is currently at elevation 2402.1 feet (5-17-07) and refilled 9.7 feet last week. The Sturgeon Recovery Team has requested to start the sturgeon operations at Libby Dam on May 18th at 0600 hours. The outflow from Libby will be increased from the current 14kcfs to 20 kcfs by 0800 hours on May 18th.

Hungry Horse is currently at an elevation of 3546.7 feet (5-17-07) and refilled 4.2 feet last week. Outflows at Hungry Horse are currently 6 Kcfs.

The Brownlee Reservoir was at an elevation of 2075.9 feet on May 17th, 2007, refilling 0.5 feet last week. Outflows at Brownlee Dam have been 11.6 to 17.4 Kcfs over the last week.

The Biological Opinion flow period began on April 3rd in the lower Snake River (Lower Granite) and on April 10th in the mid (Priest Rapids) and lower (McNary) Columbia River. According to the last Water Supply Forecast (April Final), the flow objectives this spring are 85 Kcfs at Lower Granite, 237 Kcfs at McNary, and 135 Kcfs at Priest Rapids. The McNary Dam flow over the past week averaged 275 Kcfs and 246.5 Kcfs over the season. The Lower Granite Dam flow over the past week averaged 93.6 Kcfs and 61.6 Kcfs over the season. The Priest Rapids Dam flow over the past week averaged 169 Kcfs and 169.5 Kcfs over the season.

**Spill:** In accordance with the Court Order, spill was initiated at the Snake River Projects at 0001 hours on April 3, 2007. The Court Order calls for the following spill levels at the Federal Snake River Projects:

Project	Day/Night Spill
Lower Granite	20Kcfs/20Kcfs
Little Goose	30%/30%
Lower Monumental	Gas Cap/Gas Cap
Ice Harbor	30%/30% vs 45Kcfs/Gas Cap Study

Spill at Lower Granite Dam had been averaging between 19.9 and 20.1 Kcfs daily. However, over the past week daily average spill has consistently been slightly less than 20 Kcfs, with the last four days averaging 19.7 Kcfs. Spill at Little Goose Dam has not met the Court Order over most of the past week. The COE established maximum spill levels at this project based on the forebay readings downstream at Lower Monumental Dam that exceeded 115% TDG on 5/11 to 5/13. The low spill caps established by the COE restricted the ability to provide the 30% spill. The COE spill caps were gradually increased later in the week and as flows decreased the Court Order was closer to being met.

Daily average spill at Lower Monumental Dam is supposed to be 24 hours to gas cap. The monitoring of forebay gas at the downstream project (Ice Harbor) has consistently limited spill at Lower Monumental Dam. The total dissolved gas readings at the Lower Monumental tailrace have ranged between 115.1% to 117.6%, and the 115% TDG at the Ice Harbor forebay has not been exceeded since May 12. Spill was decreased to as low as 15 Kcfs and has been increased gradually over the week to 22.4 Kcfs on May 17. The Ice Harbor forebay TDG monitors were again recording values that were higher than those observed below the spill in the tailrace of Lower Monumental Dam. Clearly, the downstream TDG monitors are exceeding gas criteria due to local effects (temperature and biological processes) and are not totally representative of TDG due to spill at the upstream project. Ice Harbor spill is being provided to achieve the study conditions specified in the Court's Order.

Court ordered spill at the lower Columbia projects began on April 10, 2007. The Court Order calls for the following spill levels at the Federal Lower Columbia River Projects:

Project	Day/Night Spill
McNary	40%/40%
John Day	0/60%
The Dalles	40%/40%
Bonneville	100Kcfs/100Kcfs

Spill at McNary Dam is meeting the Court's Order. With the exception of one day (May 13) spill at John Day Dam has not met the Court's Order over the past week because of the COE spill caps. Total dissolved gas averages have been below 120% in the John Day Dam tailrace; consistently ranging between 117.9% and 118.8%. However, average TDG at The Dalles forebay has exhibited a greater range (110.7% to 116%) than observed upstream. Spill could be increased at this project to better meet the Court's Order based on the fact that The Dalles forebay monitor does not adequately represent TDG due to spill at the upstream project..

Spill at The Dalles has been close to the Court's Order on a daily basis.

Spill at Bonneville Dam ranged from 94.6 Kcfs to 99 Kcfs over the past week, rather than the 100 Kcfs specified in the Court's Order. The tailrace average TDG reading has not varied more than 1.5% over the past seven days and has not exceeded 119.3 %, while the downstream forebay reading at Camas/Washougal read 115.1% on May 16, and ranged between 112.5 and 115.1. This again shows the inherent non representative readings associated with these forebay monitors for management of spill.

Total dissolved gas at the federal hydroprojects showed some exceedences over the past week at Lower Monumental forebay, Ice Harbor forebay, McNary forebay, The Dalles forebay, Bonneville forebay and Camas/Washougal. Gas bubble trauma (GBT) monitoring continued this week at Lower Granite, Lower Monumental, Rock Island, and Bonneville dams. A small percentage of fish were observed with minor signs of GBT at Little Goose, Lower Monumental, Bonneville, and Rock Island dams over the past week. Signs observed were of the lowest rank. However, all samples were well below the action criteria of 15% of fish observed with signs of GBT or 5% with signs of GBT greater than Rank 1.

**Smolt Monitoring:** Full transportation (as opposed to research transportation) began at Lower Granite Dam on May 1 and on May 8 at Little Goose Dam and May 11 at Lower Monumental Dam. Full 24 hour sampling at Little Goose in support of transportation, began on May 7. Sampling at Lower Monumental Dams has been limited to condition and research sampling; full sampling, in support of transportation began May 10. Sampling at McNary Dam has been resumed on a regular schedule; every other day for spring migrants.

Smolt Monitoring at Snake River tributary traps continued at most locations this past week, where the numbers of yearling Chinook and steelhead being captured has decreased at most traps. Flows were relatively low in the tributaries where SMP traps are sampling, except the Salmon River, which had flows above median historic levels as measured at the White Bird gauge. The Salmon River Trap, operated by IDFG, was pulled, due to those high flows and associated debris, and may be out for the remainder of the season. At the Grande Ronde Trap the catch of yearling chinook and steelhead decreased over the past week. The Imnaha Trap has had large numbers of hatchery yearling chinook and steelhead pass the trap. Steelhead collection decreased over the past week, but still remains relatively high, averaging over 1,000 per day over the past week. At the Snake River Trap collection numbers decreased over the past week.

At Lower Granite Dam, there was a decrease in passage of spring migrants the past week. The passage index for yearling Chinook averaged 57,000 per day, compared to 96,000 last week, and steelhead averaged 61,000 per day this week compared to 78,000 last week. Based on different methods of estimated collection efficiency, roughly 6 to 7.5 million yearling chinook have passed Lower Granite Dam, while an estimated 2.5 to 3 million steelhead have passed.

As a result of the increased sampling, passage indices and collection numbers increased greatly at Little Goose Dam and Lower Monumental dam last week.

At Rock Island Dam, the numbers of all

spring migrants have continued passing in relatively good numbers this past week. The coho index rose sharply on May 17, when it rose to over 5,000. Sockeye numbers rose too, although to a much lesser extent, with index increasing to over 1,000 fish on May 17 also. Yearling Chinook and steelhead indices have remained relatively steady over the past week.

In the Lower Columbia, at McNary Dam, just as at Rock Island, numbers of coho and sockeye increased this past week. But yearling Chinook which continue to predominate in the passage, and steelhead indices, declined over the past week. The yearling Chinook index averaged 150,000 for the past 4 sampling dates, compared to 225,000 the previous 4 days of sampling. Steelhead indices averaged 24,000 per day the past 4 sampling days, compared to 40,000 the previous time period. While at John Day Dam indices for all spring migrants were up. The yearling chinook index averaged 210,000 per day this week compared to 146,000 last week, and steelhead index averaged 50,000 compared to 44,000 the previous week. Coho indices averaged 10,000 this past week while sockeye indices averaged over 6,000 per day.

At Bonneville Dam indices for all spring migrants were up also. The yearling chinook index averaged 96,000 over the past week, compared to 58,000 the previous week. Coho indices averaged 24,000 per day this week compared to 21,000 per day last week. Steelhead indices averaged nearly 11,000 per day and sockeye indices averaged 3,000 per day this week compared to 300 last week. Subyearling chinook indices continue to decrease. The index rose to 259,000 on May 3, as passage from the third Spring Creek release peaked. Fish numbers gradually declined over the past two weeks. Indices for subs averaged 3,000 per day this past week, compared to 50,000 per day last week.

**Adult Fish Passage:** Adult counts at Bonneville Dam have been updated through May 17th. Between March 15th and May 17th, 57,150 adult spring Chinook had passed Bonneville Dam; this compares to 80,760 spring Chinook adults over the same period last year. Daily passage numbers at Bonneville Dam have ranged between 811 and 1,437 adult spring Chinook in the last week. The 2007 spring Chinook count thus far is about 40.7 percent of the 10-year average count and 70.7 percent of the 2006 count. In 2006, the spring Chinook migration arrived much later than usual. The 2007 spring Chinook migration arrived earlier than the 2006 migration, but arrived later than the 10-year average migration. In 2006 there was a large increase in spring Chinook counts from about May 6th through May 19th. The 2007 count has not yet seen a similar large increase in fish. As of May 17th, 2,512 steelhead had passed the dam which is about 1.07 times the 2006 count of 2,345. The 2007 Bonneville steelhead count of 2,512 had 566 less steelhead than the 10-year average count of 3,078.

The spring Chinook jack count at Bonneville Dam is presently 6.6 times greater than observed in 2006, and twice as large as the ten year average count to date.

Counts at upriver projects have increased considerably over the past week. As of May 16th, a total of 18,652 spring Chinook were observed at Ice Harbor Dam which is about a 1.95 times increase over the 2005 count of 9,538. The 2007 Ice Harbor count is about 46.2 percent of the 10-year average count. A total of 2,847 spring Chinook have been counted at Priest Rapids dam which is about a 1.58 times increase over the 2005 count of 1,793. The 2007 Priest Rapids spring Chinook count is only 22.7 percent of the 10-year average count.

#### **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 hatchery releases of salmonid juveniles into the Snake River Zone over this past week.

However, approximately 1.37 million subyearling fall Chinook are scheduled for release into this zone over the next two weeks. Of these, 51.3% are scheduled for release from acclimation facilities on the Snake River. The remaining 48.7% of these subyearling fall Chinook are scheduled for release into the Clearwater River.

*Mid-Columbia Zone:* The Mid-Columbia Zone encompasses the area of the Columbia River and its tributaries from McNary Dam to Chief Joseph Dam. Approximately 225,000 subyearling summer Chinook juveniles were scheduled for release from Wells Hatchery into the Mid-Columbia River on May 16th and 17th. This week also marked the end of several long volitional releases of yearling spring Chinook. In all, these releases totaled about 1.35 million juveniles. Of these, approximately 64% were released into the Yakima River (Cle Elem Hatchery) and 36% were released into the Wenatchee River. Finally, this week also marked the end of a two week volitional release of steelhead into the Okanogan River. In all, 135,840 steelhead juveniles were released during this volitional release.

Several volitional releases of summer steelhead to the Methow River are scheduled to end within the next two weeks. These releases are anticipated to total about 345,000 summer steelhead juveniles.

*Lower Columbia Zone:* The Lower Columbia Zone is defined as the Columbia River and its tributaries from Bonneville Dam to McNary Dam. On May 15th 616,382 subyearling fall Chinook were released into the Umatilla River. Of these, 50.2% were acclimated at the Thornhollow Acclimation Facility prior to release, the remaining 49.8% were directly released into the Umatilla River. Two volitional releases of winter steelhead into Hood River were scheduled to end this week. These releases were expected to total about 29,250 juveniles.

Currently, there are no scheduled releases of salmonid juveniles into the Lower Columbia River Zone over the next two weeks.

**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
05/04/07	156.9	0.0	162.1	0.0	177.4	36.9	176.9	22.6	180.3	16.1	195.6	54.3	185.3	27.4
05/05/07	145.1	0.0	140.9	0.0	157.7	17.3	160.4	3.3	165.8	18.1	186.6	42.7	193.2	23.6
05/06/07	140.0	0.0	143.0	0.0	155.0	9.8	152.8	0.0	158.0	14.4	174.9	30.8	173.2	11.3
05/07/07	182.7	0.0	184.0	0.0	193.7	39.5	192.1	25.2	188.3	19.6	193.5	52.3	177.5	18.2
05/08/07	167.3	0.0	182.0	0.0	197.7	60.8	208.9	22.3	210.6	21.9	233.7	96.4	224.7	60.9
05/09/07	143.5	0.0	143.5	0.0	166.7	10.0	174.3	0.0	183.4	20.7	200.0	56.0	194.8	22.0
05/10/07	129.9	0.0	130.7	0.0	159.2	10.9	161.4	0.0	168.2	20.0	182.6	36.9	176.0	13.1
05/11/07	128.4	0.0	132.1	0.0	145.1	13.0	147.2	0.0	156.6	17.7	170.5	23.6	168.6	9.4
05/12/07	142.4	0.0	146.9	0.0	154.5	20.2	149.1	0.0	153.6	16.6	169.5	27.3	173.8	11.5
05/13/07	108.9	0.0	109.9	0.0	142.0	33.8	155.2	0.0	165.0	12.8	180.9	41.7	172.3	10.9
05/14/07	142.2	0.0	133.0	0.0	148.0	13.2	141.8	0.0	151.5	18.3	154.2	10.1	152.9	11.0
05/15/07	135.8	0.0	146.1	0.0	166.1	16.4	160.8	0.0	167.8	17.0	175.2	30.1	164.4	13.0
05/16/07	137.6	0.0	141.4	0.0	162.5	18.7	161.9	0.0	170.3	16.3	184.0	44.2	175.0	15.3
05/17/07	130.2	0.0	127.7	0.0	147.3	15.0	156.1	0.5	167.2	16.4	178.5	39.6	176.1	15.8

**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
05/04/07	9.7	0.0	14.2	11.6	88.8	20.0	86.2	25.6	86.4	21.4	87.8	47.1		
05/05/07	9.7	0.0	14.2	10.6	80.9	19.9	79.3	24.8	81.3	21.4	83.7	55.3		
05/06/07	9.7	0.0	14.1	10.6	71.3	20.0	69.6	24.1	69.3	21.4	71.9	29.6		
05/07/07	9.7	0.0	13.2	12.0	67.3	19.9	65.7	24.3	65.9	22.8	66.1	19.8		
05/08/07	9.6	0.0	12.8	12.1	65.9	19.9	63.4	25.0	63.7	23.2	65.4	42.0		
05/09/07	9.7	0.0	14.0	11.8	69.0	19.8	64.3	24.7	66.2	20.3	67.1	47.8		
05/10/07	9.7	0.0	14.1	15.6	78.0	19.8	77.0	25.1	77.9	18.6	79.7	32.3		
05/11/07	9.7	0.0	14.3	18.2	93.2	19.8	90.9	25.7	92.4	18.6	92.2	28.1		
05/12/07	9.7	0.0	13.3	14.2	93.3	19.8	90.8	24.2	94.6	17.1	93.8	28.0		
05/13/07	9.7	0.0	14.2	15.1	100.9	19.9	95.1	22.0	95.3	14.7	94.7	28.4		
05/14/07	9.7	0.0	14.0	15.9	99.2	19.7	95.7	23.8	98.4	16.1	99.6	51.1		
05/15/07	9.7	0.0	13.7	12.6	92.7	19.7	90.7	25.1	93.7	20.3	96.7	60.4		
05/16/07	9.4	0.0	14.2	12.8	90.0	19.7	87.2	25.1	87.7	21.6	87.6	38.5		
05/17/07	5.4	0.0	---	---	85.9	19.7	79.6	23.8	80.7	21.4	81.0	24.3		

**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
05/04/07	290.5	116.5	278.9	71.1	274.7	108.6	284.8	94.1	82.7	96.6
05/05/07	284.4	113.8	276.7	70.6	273.2	109.1	294.4	95.9	85.0	101.9
05/06/07	269.9	108.8	276.8	70.6	269.9	108.2	278.5	97.5	72.9	96.6
05/07/07	256.1	101.8	243.7	63.3	235.1	93.8	265.4	97.2	60.4	96.3
05/08/07	261.1	104.3	250.6	67.2	247.1	95.6	261.5	97.1	52.2	100.7
05/09/07	291.6	116.4	278.1	69.4	273.0	108.2	281.0	94.4	66.7	108.5
05/10/07	274.7	110.6	273.1	71.4	267.3	106.0	284.2	92.5	74.1	105.7
05/11/07	281.5	112.4	278.0	72.9	270.2	107.9	285.2	94.6	80.5	98.6
05/12/07	272.6	109.4	259.6	72.1	263.9	105.2	283.8	97.3	79.3	95.7
05/13/07	270.3	108.3	259.0	68.8	245.8	98.5	257.5	97.7	48.9	99.2
05/14/07	280.2	112.3	283.3	73.8	283.2	113.5	301.0	98.9	84.6	106.0
05/15/07	280.9	112.4	278.7	67.0	269.4	107.2	292.0	98.2	84.3	97.9
05/16/07	268.8	107.2	244.6	65.5	251.4	100.4	274.3	99.0	72.9	90.9
05/17/07	271.0	108.0	265.1	67.2	252.1	101.1	268.2	98.4	72.0	86.3

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

Site	Date	Species	Number of Fish	Number w GBT signs	Number w Fin Signs	% Fin GBT	% Severe Fin GBT	Number of Fish with Fin GBT Listed by Highest Rank			
								Rank 1	Rank 2	Rank 3	Rank 4
<b>Lower Granite Dam</b>											
	05/08/07	Chinook + Steelhead	100	0	0	0.00%	0.00%	0	0	0	0
	05/15/07	Chinook + Steelhead	100	0	0	0.00%	0.00%	0	0	0	0
<b>Little Goose Dam</b>											
	05/08/07	Chinook + Steelhead	99	4	3	3.03%	0.00%	3	0	0	0
	05/15/07	Chinook + Steelhead	100	1	1	1.00%	0.00%	1	0	0	0
<b>Lower Monumental Dam</b>											
	05/14/07	Chinook + Steelhead	100	2	2	2.00%	0.00%	2	0	0	0
<b>McNary Dam</b>											
	05/10/07	Chinook + Steelhead	100	0	0	0.00%	0.00%	0	0	0	0
	05/14/07	Chinook + Steelhead	100	0	0	0.00%	0.00%	0	0	0	0
<b>Bonneville Dam</b>											
	05/08/07	Chinook + Steelhead	102	7	7	6.86%	0.98%	6	0	1	0
	05/12/07	Chinook + Steelhead	100	4	4	4.00%	0.00%	4	0	0	0
	05/15/07	Chinook + Steelhead	107	8	8	7.47%	0.00%	7	1	0	0
<b>Rock Island Dam</b>											
	05/10/07	Chinook + Steelhead	100	0	0	0.00%	0.00%	0	0	0	0
	05/14/07	Chinook + Steelhead	100	2	2	2.00%	0.00%	2	0	0	0
	05/17/07	Chinook + Steelhead	100	0	0	0.00%	0.00%	0	0	0	0

# HATCHERY RELEASE LAST TWO WEEKS

## Hatchery Release Summary

From: **5/4/2007** to **05/17/07**

Agency	Hatchery	Species	Race	MigYr	NumRel	RelStart	RelEnd	RelSite	RelRiver
Idaho Dept. of Fish and Game	Eagle Hatchery	SO	UN	2007	329	05-08-07	05-08-07	Salmon River (ID)	Salmon River (ID)
Idaho Dept. of Fish and Game	Oxbow-Idaho	CH0	FA	2007	117,693	05-08-07	05-08-07	Hells Canyon Dam	Snake River
Idaho Dept. of Fish and Game	Oxbow-Idaho	SO	UN	2007	54,582	05-08-07	05-08-07	Redfish Lake	Salmon River (ID)
Idaho Dept. of Fish and Game	Sawtooth Hatchery	SO	UN	2007	46,765	05-08-07	05-08-07	Salmon River (ID)	Salmon River (ID)
<b>Idaho Dept. of Fish and Game Total</b>					<b>219,369</b>				
Oregon Dept. of Fish and Wildlife	Irrigon Hatchery Complex	ST	SU	2007	121,738	04-28-07	05-10-07	Wallowa Acclim Pond	Wallowa River
Oregon Dept. of Fish and Wildlife	Umatilla Hatchery	CH0	FA	2007	306,681	05-15-07	05-15-07	Umatilla River	Umatilla River
<b>Oregon Dept. of Fish and Wildlife Total</b>					<b>428,419</b>				
U.S. Fish and Wildlife Service	Hagerman NFH	ST	SU	2007	247,855	05-03-07	05-09-07	Yankee Fk (Salmon R)	Salmon River (ID)
<b>U.S. Fish and Wildlife Service Total</b>					<b>247,855</b>				
Umatilla Tribe	Umatilla Hatchery	CH0	FA	2007	309,701	05-15-07	05-15-07	Thornhollow Acclim Pond	Umatilla River
<b>Umatilla Tribe Total</b>					<b>309,701</b>				
Warm Springs Tribe	Oak Springs Hatchery	ST	WI	2007	9,750	05-03-07	05-16-07	Parkdale Acclim Pond	Hood River
Warm Springs Tribe	Oak Springs Hatchery	ST	WI	2007	19,500	04-20-07	05-15-07	E Fk Irrig Dist Sand Trap	Hood River
Warm Springs Tribe	Round Butte Hatchery	CH1	SP	2007	20,000	04-24-07	05-07-07	Jones Creek Acclim Pond	Hood River
Warm Springs Tribe	Round Butte Hatchery	CH1	SP	2007	27,500	04-24-07	05-08-07	Blackberry Acclim Pond	Hood River
<b>Warm Springs Tribe Total</b>					<b>76,750</b>				
Washington Dept. of Fish and Wildlife	Chiwawa Hatchery	CH1	SP	2007	493,000	04-16-07	05-15-07	Chiwawa Hatchery	Wenatchee River
Washington Dept. of Fish and Wildlife	Eastbank Hatchery	CH1	SU	2007	275,919	04-18-07	05-09-07	Similkameen Acclim Pd	Okanogan River
Washington Dept. of Fish and Wildlife	Skamania Hatchery	ST	SU	2007	91,135	05-02-07	05-09-07	Klickitat River	Klickitat River
Washington Dept. of Fish and Wildlife	Wells Hatchery	CH0	SU	2007	225,000	05-16-07	05-17-07	Wells Hatchery	Mid-Columbia River
Washington Dept. of Fish and Wildlife	Wells Hatchery	CH1	SU	2007	358,000	04-23-07	05-07-07	Wells Hatchery	Mid-Columbia River
Washington Dept. of Fish and Wildlife	Wells Hatchery	ST	SU	2007	100,000	04-23-07	05-19-07	Twisp River	Methow River
Washington Dept. of Fish and Wildlife	Wells Hatchery	ST	SU	2007	122,500	04-23-07	05-19-07	Chewuch River	Methow River
Washington Dept. of Fish and Wildlife	Wells Hatchery	ST	SU	2007	122,500	04-23-07	05-19-07	Methow River	Methow River
Washington Dept. of Fish and Wildlife	Wells Hatchery	ST	SU	2007	135,840	04-30-07	05-16-07	Okanogan River	Okanogan River
<b>Washington Dept. of Fish and Wildlife Total</b>					<b>1,923,894</b>				
Yakama Tribe	Cascade Hatchery	CO	UN	2007	70,035	05-07-07	05-07-07	Nason Creek	Wenatchee River
Yakama Tribe	Cle Elem Hatchery	CH1	SP	2007	281,176	03-15-07	05-15-07	Easton Pond	Yakima River
Yakama Tribe	Cle Elem Hatchery	CH1	SP	2007	287,645	03-15-07	05-15-07	Clark Flat Acclim Pond	Yakima River
Yakama Tribe	Cle Elem Hatchery	CH1	SP	2007	291,991	03-15-07	05-15-07	Jack Creek Acclim Pond	Yakima River
Yakama Tribe	Klickitat Hatchery	CO	NO	2007	1,073,000	05-07-07	05-10-07	Klickitat Hatchery	Klickitat River
Yakama Tribe	Prosser Acclim. Pond	CH0	FA	2007	95,000	05-07-07	05-07-07	Stiles Pond	Yakima River
Yakama Tribe	Willard Hatchery	CO	UN	2007	99,930	05-07-07	05-07-07	Nason Creek	Wenatchee River
Yakama Tribe	Willard Hatchery	CO	UN	2007	101,482	05-08-07	05-08-07	Wenatchee River	Wenatchee River
Yakama Tribe	Willard Hatchery	CO	UN	2007	136,490	05-06-07	05-06-07	Nason Creek	Wenatchee River
<b>Yakama Tribe Total</b>					<b>2,436,749</b>				
<b>Grand Total</b>					<b>5,642,737</b>				



# HATCHERY RELEASE NEXT TWO WEEKS

## Hatchery Release Summary

From: 5/18/2007 to 5/31/2007

Agency	Hatchery	Species	Race	MigYr	NumRel	RelStart	RelEnd	RelSite	RelRiver
Nez Perce Tribe	Lyons Ferry Hatchery	CH0	FA	2007	500,000	05-26-07	05-26-07	Big Canyon (Clearwater River)	Clearwater River M F
Nez Perce Tribe	Lyons Ferry Hatchery	CH0	FA	2007	500,000	05-29-07	05-29-07	Cpt John Acclim Pond	Snake River
Nez Perce Tribe	Nez Perce Tribal Hatchery	CH0	FA	2007	165,604	05-22-07	05-23-07	Lapwai Creek Pittsburg Landing	Clearwater River M F
Nez Perce Tribe	Umatilla Hatchery	CH0	FA	2007	200,000	05-23-07	05-23-07	Acclim Pond	Snake River
<b>Nez Perce Tribe Total</b>					<b>1,365,604</b>				
Washington Dept. of Fish and Wildlife	Wells Hatchery	ST	SU	2007	100,000	04-23-07	05-19-07	Twisp River	Methow River
Washington Dept. of Fish and Wildlife	Wells Hatchery	ST	SU	2007	122,500	04-23-07	05-19-07	Chewuch River	Methow River
Washington Dept. of Fish and Wildlife	Wells Hatchery	ST	SU	2007	122,500	04-23-07	05-19-07	Methow River	Methow River
<b>Washington Dept. of Fish and Wildlife Total</b>					<b>345,000</b>				
<b>Grand Total</b>					<b>1,710,604</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>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>	#	<u>24 h</u>	<u>12 h</u>	#		
	<u>Avg</u>	<u>Avg</u>		<u>High</u>	<u>Avg</u>		<u>Avg</u>	<u>High</u>		<u>Avg</u>	<u>Avg</u>		<u>High</u>	<u>Avg</u>		<u>Avg</u>	<u>High</u>		<u>Avg</u>	<u>Avg</u>
5/4	99	99	99	24	117	119	119	24	112	112	112	24	110	110	111	24	110	110	110	24
5/5	97	98	98	24	117	118	118	24	111	111	111	24	109	109	110	24	109	109	109	24
5/6	98	98	98	24	118	119	120	24	110	110	111	24	108	108	109	24	108	109	109	24
5/7	98	98	98	24	118	119	119	24	111	111	111	24	109	110	110	24	109	109	109	24
5/8	98	99	99	24	118	119	120	24	111	112	113	24	110	110	111	24	110	110	110	24
5/9	99	99	99	24	118	119	120	24	111	111	111	24	109	109	109	24	109	109	110	24
5/10	99	99	100	24	118	119	121	24	111	111	111	24	108	109	109	24	109	109	110	24
5/11	98	99	99	24	117	119	119	24	111	111	111	24	109	110	110	24	109	109	110	24
5/12	99	99	100	24	117	119	119	24	111	111	112	24	109	110	110	24	109	110	110	24
5/13	98	98	99	24	117	117	118	24	110	110	111	24	108	109	109	24	109	109	109	24
5/14	97	98	98	24	119	120	121	24	110	110	111	24	108	108	109	24	108	108	109	24
5/15	97	98	98	24	119	120	121	24	110	111	111	24	108	109	110	24	109	109	110	24
5/16	98	99	99	24	120	121	121	24	111	111	112	24	109	110	110	24	109	110	110	24
5/17	99	99	100	24	120	121	122	24	111	111	112	24	109	110	110	24	109	110	110	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>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>	#	<u>24 h</u>	<u>12 h</u>	#		
	<u>Avg</u>	<u>Avg</u>		<u>High</u>	<u>Avg</u>		<u>Avg</u>	<u>High</u>		<u>Avg</u>	<u>Avg</u>		<u>High</u>	<u>Avg</u>		<u>Avg</u>	<u>High</u>		<u>Avg</u>	<u>Avg</u>
5/4	109	109	111	24	109	109	109	24	114	117	122	24	109	110	110	24	111	113	117	24
5/5	108	109	109	24	107	108	108	24	110	112	121	24	111	111	112	24	111	112	113	24
5/6	108	108	109	24	108	108	108	24	109	109	109	24	112	113	114	24	112	114	115	24
5/7	108	108	109	24	108	108	109	24	114	116	120	24	109	109	110	24	110	111	113	24
5/8	109	110	110	24	109	110	110	24	119	122	126	24	113	115	118	24	115	116	119	24
5/9	109	109	110	24	108	109	109	24	110	111	114	24	117	118	119	24	117	118	119	24
5/10	109	109	110	24	108	108	109	24	109	110	110	24	114	115	118	24	113	115	118	24
5/11	109	110	111	24	108	109	109	24	110	111	111	24	110	110	110	24	110	110	110	24
5/12	109	109	110	24	109	109	110	24	112	113	123	24	110	111	111	24	110	111	111	24
5/13	109	109	110	24	107	108	109	24	115	119	126	24	109	109	110	24	109	109	110	24
5/14	108	108	109	24	107	108	109	24	109	110	110	24	113	115	117	24	113	116	118	24
5/15	108	109	109	24	108	109	109	24	111	112	120	24	110	111	112	24	110	111	111	24
5/16	109	109	110	24	109	109	109	24	112	113	119	24	111	111	112	24	111	111	112	24
5/17	109	109	109	24	109	109	109	24	112	113	119	24	112	112	112	24	112	112	112	24

**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>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>	#	<u>24 h</u>	<u>12 h</u>	#		
	<u>Avg</u>	<u>Avg</u>		<u>High</u>	<u>Avg</u>		<u>Avg</u>	<u>High</u>		<u>Avg</u>	<u>Avg</u>		<u>High</u>	<u>Avg</u>		<u>Avg</u>	<u>High</u>		<u>Avg</u>	<u>Avg</u>
5/4	110	110	111	24	112	113	114	24	109	109	109	24	115	117	118	24	112	114	115	24
5/5	111	112	115	24	113	114	117	24	107	107	108	24	112	114	117	24	113	114	115	24
5/6	112	113	114	24	113	115	115	24	107	108	110	24	111	113	115	24	111	113	114	24
5/7	110	111	112	24	112	113	115	24	110	111	112	24	115	118	119	24	112	114	115	24
5/8	113	114	116	24	115	116	119	24	111	112	113	24	122	125	127	24	119	121	124	24
5/9	116	116	117	24	118	119	119	24	111	112	114	22	116	118	123	24	119	121	122	24
5/10	114	115	116	24	117	118	118	24	113	113	117	24	117	119	120	24	118	119	121	24
5/11	109	110	110	24	112	113	114	24	114	116	117	24	117	119	120	24	116	118	121	24
5/12	109	109	110	24	112	113	114	24	113	114	116	24	117	119	120	24	117	119	120	24
5/13	108	108	109	24	110	111	112	24	108	109	110	24	112	114	118	24	112	114	115	24
5/14	110	112	116	24	113	115	119	24	109	111	111	24	110	112	114	24	112	114	115	24
5/15	111	112	115	24	113	115	118	24	110	112	114	24	112	114	117	24	112	114	116	24
5/16	109	110	110	24	112	113	114	24	110	111	113	24	115	117	119	24	114	115	117	24
5/17	109	109	110	24	112	112	115	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>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	
5/4	113	114	115	24	108	109	110	24	98	98	98	24	101	102	102	24	104	104	105	24
5/5	114	115	115	24	109	110	110	24	97	98	98	24	101	101	102	24	104	105	106	24
5/6	112	113	114	24	110	111	111	24	97	98	98	24	101	101	102	24	104	105	105	24
5/7	113	115	116	24	109	111	112	24	97	98	98	24	101	102	102	24	104	105	106	24
5/8	120	122	124	24	112	114	116	24	98	99	102	24	101	103	103	24	104	105	107	24
5/9	119	121	124	24	115	117	118	24	98	98	99	24	101	102	103	24	104	104	105	24
5/10	117	118	118	24	115	115	116	24	98	99	100	24	101	102	102	24	103	104	105	24
5/11	116	118	119	24	113	114	115	24	98	99	99	24	102	103	103	24	104	105	106	24
5/12	117	118	119	24	113	114	115	24	99	99	100	24	102	103	104	24	104	105	106	24
5/13	113	114	115	24	110	111	112	24	98	98	98	24	101	101	102	24	104	105	105	24
5/14	112	113	114	24	110	111	111	24	97	97	98	24	101	102	103	24	105	106	107	24
5/15	113	114	115	24	111	112	113	24	98	98	99	24	101	102	103	24	105	106	107	24
5/16	115	116	116	24	111	112	113	24	99	99	100	24	102	102	103	24	105	106	107	24
5/17	---	---	---	0	111	112	113	24	99	100	100	24	102	103	103	24	105	106	106	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>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	
5/4	101	102	102	24	101	102	102	24	109	109	110	24	106	106	107	24	116	116	117	24
5/5	101	102	103	24	101	101	102	24	109	109	110	24	104	105	105	24	115	116	116	24
5/6	101	102	103	24	102	102	102	24	110	110	110	24	104	105	106	24	115	116	117	24
5/7	102	103	104	24	102	103	103	24	110	111	112	24	105	106	106	24	116	117	118	24
5/8	102	104	105	24	104	105	106	24	110	111	112	24	107	108	109	24	117	118	119	24
5/9	102	103	104	24	105	105	105	24	111	111	111	24	109	109	110	24	117	118	119	24
5/10	101	103	104	24	105	105	106	24	110	111	111	24	110	110	111	24	117	117	118	24
5/11	102	103	104	24	104	104	105	10	110	110	111	24	111	111	112	24	117	117	118	24
5/12	102	103	104	24	---	---	---	0	110	110	110	24	112	112	113	24	116	117	117	24
5/13	101	101	101	24	---	---	---	0	109	109	110	24	108	109	110	24	113	114	115	24
5/14	102	103	104	24	103	103	103	10	109	109	109	24	106	106	107	24	114	115	116	24
5/15	102	103	104	24	103	104	104	24	110	110	111	24	106	107	107	24	115	116	116	24
5/16	102	103	104	24	105	105	106	24	110	110	111	24	108	108	110	24	116	116	117	24
5/17	102	103	104	24	105	105	105	24	110	110	111	24	108	108	109	24	115	116	116	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	
5/4	114	114	114	24	117	118	119	24	112	112	112	24	115	116	116	24	---	---	---	0
5/5	112	112	113	24	117	117	117	24	111	112	112	24	115	116	116	24	---	---	---	0
5/6	112	112	112	24	117	117	118	24	112	112	113	24	114	115	115	24	---	---	---	0
5/7	113	113	113	24	119	120	121	24	113	114	114	24	113	114	115	24	---	---	---	0
5/8	115	116	116	24	119	121	122	24	115	116	117	24	114	116	119	24	---	---	---	0
5/9	116	116	116	24	117	117	118	24	116	116	117	24	115	116	116	24	---	---	---	0
5/10	116	117	117	24	115	115	116	24	117	117	117	24	116	117	118	24	---	---	---	0
5/11	117	117	117	24	116	116	117	24	117	117	117	24	116	117	118	24	---	---	---	0
5/12	117	118	118	24	115	116	116	24	116	117	117	24	117	117	118	24	---	---	---	0
5/13	115	116	117	24	113	114	114	24	114	114	115	24	115	116	117	24	---	---	---	0
5/14	113	113	114	24	115	116	117	24	113	113	113	24	116	117	117	24	---	---	---	0
5/15	113	113	113	24	117	117	119	24	114	114	115	24	116	117	117	24	---	---	---	0
5/16	114	115	115	24	117	118	118	24	115	115	115	24	116	116	117	24	---	---	---	0
5/17	114	114	115	24	115	115	116	24	115	115	115	24	115	116	116	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	McNary-Wash			McNary Tlwr			John Day			John Day Tlwr			The Dalles							
	24 h	12 h	#	24 h	12 h	#	24h	12h	#	24h	12h	#	24h	12h	#					
	Avg	Avg	High	hr	Avg	Avg	High	hr	Avg	Avg	High	hr	Avg	AVG	High	hr				
5/4	109	109	110	24	115	116	116	24	110	111	111	24	114	118	118	24	111	112	114	24
5/5	108	109	110	24	115	116	116	24	108	108	109	24	113	118	118	24	110	112	113	24
5/6	109	110	111	24	115	115	116	24	107	107	107	24	112	118	118	24	109	112	112	24
5/7	112	113	114	24	115	116	118	24	107	108	109	24	113	117	119	24	110	113	116	24
5/8	113	114	114	24	116	117	118	24	110	111	111	24	114	118	119	24	113	115	117	24
5/9	113	114	115	24	116	116	117	24	111	112	113	24	115	118	119	24	111	113	115	24
5/10	114	116	117	24	116	116	116	24	113	114	114	23	116	118	119	23	113	115	116	24
5/11	117	118	118	24	115	116	116	24	114	114	115	24	116	118	119	24	114	116	118	24
5/12	115	115	117	24	116	116	116	24	113	114	114	24	115	118	119	24	113	114	114	24
5/13	111	111	113	24	115	116	116	24	110	110	111	24	114	118	119	24	109	111	112	24
5/14	110	111	111	24	115	115	115	24	110	111	111	24	114	118	119	24	111	114	115	24
5/15	112	113	114	24	115	115	115	24	111	111	112	24	114	118	120	24	113	116	118	24
5/16	113	113	113	24	115	115	115	24	109	110	111	24	113	117	119	24	110	112	113	24
5/17	112	113	113	24	114	115	115	24	109	110	111	24	114	118	119	24	110	112	114	24

Total Dissolved Gas Saturation Data at Lower Columbia River Sites

Date	The Dalles Dnst			Bonneville			Warrendale			Camas\Washougal			Cascade Island							
	24 h	12 h	#	24 h	12 h	#	24h	12h	#	24h	12h	#	24h	12h	#					
	Avg	Avg	High	hr	Avg	Avg	High	hr	Avg	Avg	High	hr	Avg	AVG	High	hr				
5/4	115	115	116	24	112	113	113	24	113	114	114	24	113	113	114	24	119	119	119	24
5/5	114	115	116	24	111	111	112	24	112	113	113	24	112	113	114	24	118	119	119	24
5/6	113	114	115	24	111	111	112	24	113	113	114	24	112	113	113	24	118	118	119	24
5/7	112	114	116	24	112	112	113	24	114	114	115	24	114	115	116	24	118	118	119	24
5/8	114	116	119	24	114	114	115	24	115	116	117	24	114	115	117	24	118	118	119	24
5/9	116	118	119	24	112	113	114	24	114	114	115	24	113	114	116	24	118	119	119	24
5/10	117	118	118	24	112	113	113	24	114	114	114	24	113	114	115	24	118	119	119	24
5/11	118	119	119	24	113	113	114	24	114	114	115	24	113	114	115	24	118	119	119	24
5/12	117	117	118	24	113	114	115	24	114	115	115	24	113	113	114	24	119	119	119	24
5/13	114	116	117	24	109	110	111	24	113	113	113	24	112	113	113	24	118	118	118	24
5/14	116	118	119	24	111	112	115	24	113	113	115	24	112	113	113	24	119	119	120	24
5/15	117	119	120	24	115	116	117	24	115	116	116	24	112	114	115	24	119	119	119	24
5/16	115	116	116	24	113	113	116	24	114	115	116	24	114	115	116	24	118	118	119	24
5/17	115	116	117	24	111	111	113	24	113	113	114	24	113	114	115	24	118	118	118	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>												
	WTB	IMN	GRN	LEW	LGR	LGS	LMN	RIS	MCN	JDA	BO2	
Date	(Coll)	(Coll)	(Coll)	(Coll)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	
05/04/2007	*	---	351	718	947	220,861	352	187	473	---	101,849	46,042
05/05/2007	*	---	554	184	187	143,889	247	416	518	213,064	115,927	48,385
05/06/2007	*	---	263	99	167	101,693	219	260	429	---	156,158	55,576
05/07/2007	*	39	151	48	31	46,600	36,701	280	184	224,123	155,216	46,320
05/08/2007	*	101	259	57	25	51,837	35,407	112	382	---	114,113	50,947
05/09/2007		29	269	91	4	42,485	29,866	123	650	241,682	159,181	69,064
05/10/2007	*	28	445	68	40	64,430	15,099	332	357	---	224,904	87,067
05/11/2007	*	27	393	163	95	75,026	22,390	371	616	221,248	224,996	111,363
05/12/2007	*	---	44	78	215	61,162	47,105	42,171	538	---	308,059	72,335
05/13/2007		---	53	34	59	74,340	70,102	43,447	742	160,048	302,040	75,136
05/14/2007	*	---	83	58	90	71,300	88,876	74,840	200	---	181,374	78,682
05/15/2007		---	81	13	100	40,545	104,485	71,214	369	142,730	160,527	145,699
05/16/2007	*	---	75	6	51	20,298	33,517	29,673	995	---	136,465	96,180
05/17/2007	*	---	---	26	38	12,332	20,389	15,040	2,030	81,436	161,063	90,426
05/18/2007		---	---	---	---	---	---	---	---	---	---	---
<hr/>												
<b>Total:</b>		<b>224</b>	<b>3,021</b>	<b>1,643</b>	<b>2,049</b>	<b>1,026,798</b>	<b>504,755</b>	<b>278,466</b>	<b>8,483</b>	<b>1,284,331</b>	<b>2,501,872</b>	<b>1,073,222</b>
<b># Days:</b>		<b>5</b>	<b>13</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>7</b>	<b>14</b>	<b>14</b>
<b>Average:</b>		<b>45</b>	<b>232</b>	<b>117</b>	<b>146</b>	<b>73,343</b>	<b>36,054</b>	<b>19,890</b>	<b>606</b>	<b>183,476</b>	<b>178,705</b>	<b>76,659</b>
<b>YTD</b>		<b>43,505</b>	<b>84,883</b>	<b>14,996</b>	<b>6,485</b>	<b>2,168,959</b>	<b>529,512</b>	<b>288,981</b>	<b>14,426</b>	<b>1,690,931</b>	<b>3,061,628</b>	<b>1,551,735</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)	
05/04/2007	*	---	0	1	27	254	0	0	21	---	0	139,573
05/05/2007	*	---	0	0	10	0	0	1	9	677	0	90,308
05/06/2007	*	---	0	0	13	0	0	0	3	---	0	58,903
05/07/2007	*	0	0	0	10	281	0	0	3	176	0	23,880
05/08/2007	*	0	0	4	4	0	333	0	162	---	0	15,088
05/09/2007		0	0	5	4	0	240	0	118	521	0	12,591
05/10/2007	*	0	1	5	4	279	744	0	119	---	0	10,766
05/11/2007	*	0	0	4	12	0	0	1	113	1,375	0	5,074
05/12/2007	*	---	0	3	7	0	554	0	66	---	0	3,120
05/13/2007		---	0	0	2	0	271	178	107	1,694	0	3,809
05/14/2007	*	---	0	0	1	495	1	0	60	---	384	1,890
05/15/2007		---	0	1	7	0	280	0	30	176	0	4,534
05/16/2007	*	---	0	2	3	257	0	0	38	---	0	3,616
05/17/2007	*	---	---	6	7	0	0	0	42	1,008	0	4,359
05/18/2007		---	---	---	---	---	---	---	---	---	---	---
<hr/>												
<b>Total:</b>		<b>0</b>	<b>1</b>	<b>31</b>	<b>111</b>	<b>1,566</b>	<b>2,423</b>	<b>180</b>	<b>891</b>	<b>5,627</b>	<b>384</b>	<b>377,511</b>
<b># Days:</b>		<b>5</b>	<b>13</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>7</b>	<b>14</b>	<b>14</b>
<b>Average:</b>		<b>0</b>	<b>0</b>	<b>2</b>	<b>8</b>	<b>112</b>	<b>173</b>	<b>13</b>	<b>64</b>	<b>804</b>	<b>27</b>	<b>26,965</b>
<b>YTD</b>		<b>0</b>	<b>57</b>	<b>40</b>	<b>218</b>	<b>3,423</b>	<b>2,442</b>	<b>217</b>	<b>1,296</b>	<b>6,716</b>	<b>511</b>	<b>2,131,763</b>

## Two-Week Summary of Passage Indices

<b>COMBINED COHO</b>												
	WTB	IMN	GRN	LEW	LGR	LGS	LMN	RIS	MCN	JDA	BO2	
Date	(Coll)	(Coll)	(Coll)	(Coll)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	
05/04/2007	*	---	0	0	2	1,523	4	0	82	---	11,641	17,953
05/05/2007	*	---	0	0	0	1,299	0	4	84	2,532	11,419	15,937
05/06/2007	*	---	0	0	2	2,428	0	1	57	---	10,246	19,871
05/07/2007	*	0	0	0	0	0	157	0	131	2,371	7,887	17,055
05/08/2007	*	0	0	0	0	864	333	2	190	---	9,444	21,207
05/09/2007		0	0	0	0	1,433	0	1	249	2,527	7,385	32,566
05/10/2007	*	0	0	0	3	558	0	3	74	---	14,614	22,085
05/11/2007	*	0	0	0	0	525	589	6	80	2,032	17,685	28,041
05/12/2007	*	---	0	0	0	2,275	2,009	250	67	---	26,155	21,275
05/13/2007		---	0	0	0	2,030	2,427	0	178	7,957	10,153	17,916
05/14/2007	*	---	0	0	1	7,922	6,403	2,097	277	---	12,079	28,450
05/15/2007		---	0	0	1	3,022	10,139	3,589	623	7,093	8,056	29,554
05/16/2007	*	---	0	0	0	1,796	3,072	2,571	741	---	11,151	18,956
05/17/2007	*	---	---	0	1	2,312	2,856	802	5,831	4,705	6,294	23,595
05/18/2007		---	---	---	---	---	---	---	---	---	---	---
<b>Total:</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>27,987</b>	<b>27,989</b>	<b>9,326</b>	<b>8,664</b>	<b>29,217</b>	<b>164,209</b>	<b>314,461</b>
<b># Days:</b>		<b>5</b>	<b>13</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>7</b>	<b>14</b>	<b>14</b>
<b>Average:</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1,999</b>	<b>1,999</b>	<b>666</b>	<b>619</b>	<b>4,174</b>	<b>11,729</b>	<b>22,462</b>
<b>YTD</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>51</b>	<b>31,597</b>	<b>28,233</b>	<b>9,340</b>	<b>9,190</b>	<b>40,561</b>	<b>184,864</b>	<b>415,314</b>

<b>COMBINED STEELHEAD</b>												
	WTB	IMN	GRN	LEW	LGR	LGS	LMN	RIS	MCN	JDA	BO2	
Date	(Coll)	(Coll)	(Coll)	(Coll)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	
05/04/2007	*	---	1,345	290	1,286	141,148	207	731	76	---	27,742	3,475
05/05/2007	*	---	639	122	475	117,397	360	525	124	29,124	37,158	2,584
05/06/2007	*	---	520	59	300	72,291	431	598	131	---	55,594	3,381
05/07/2007	*	75	446	20	53	49,968	83,787	637	206	30,729	43,853	3,759
05/08/2007	*	226	1,337	24	74	53,564	62,102	364	360	---	39,743	7,041
05/09/2007		196	1,183	35	88	54,508	57,002	351	322	61,570	41,981	10,994
05/10/2007	*	43	2,292	41	122	58,015	29,935	840	160	---	61,303	21,872
05/11/2007	*	24	3,068	70	154	28,856	91,848	1,235	95	35,802	53,842	12,552
05/12/2007	*	---	476	63	373	47,261	201,932	114,536	76	---	64,323	9,077
05/13/2007		---	841	37	211	92,354	95,739	39,156	55	28,499	52,563	6,405
05/14/2007	*	---	694	54	255	91,601	148,304	100,174	35	---	51,767	20,366
05/15/2007		---	479	20	242	70,009	370,319	188,136	86	22,530	55,016	5,821
05/16/2007	*	---	624	13	68	53,472	86,604	77,739	132	---	44,795	6,533
05/17/2007	*	---	---	8	56	46,759	43,754	46,525	634	9,281	30,089	14,181
05/18/2007		---	---	---	---	---	---	---	---	---	---	---
<b>Total:</b>		<b>564</b>	<b>13,944</b>	<b>856</b>	<b>3,757</b>	<b>977,203</b>	<b>1,272,324</b>	<b>571,547</b>	<b>2,492</b>	<b>217,535</b>	<b>659,769</b>	<b>128,041</b>
<b># Days:</b>		<b>5</b>	<b>13</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>7</b>	<b>14</b>	<b>14</b>
<b>Average:</b>		<b>113</b>	<b>1,073</b>	<b>61</b>	<b>268</b>	<b>69,800</b>	<b>90,880</b>	<b>40,825</b>	<b>178</b>	<b>31,076</b>	<b>47,126</b>	<b>9,146</b>
<b>YTD</b>		<b>3,735</b>	<b>37,988</b>	<b>1,862</b>	<b>7,514</b>	<b>1,548,748</b>	<b>1,304,255</b>	<b>575,457</b>	<b>3,061</b>	<b>298,706</b>	<b>752,999</b>	<b>147,841</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)	
05/04/2007	*	---	0	0	26	0	0	0	56	---	1,358	290
05/05/2007	*	---	0	0	18	0	0	0	113	8,440	1,161	0
05/06/2007	*	---	0	0	20	539	0	0	63	---	948	282
05/07/2007	*	6	0	0	8	0	630	0	79	5,262	1,346	637
05/08/2007	*	17	0	0	5	0	0	0	226	---	1,180	258
05/09/2007	*	3	0	0	5	287	240	0	53	8,429	1,750	534
05/10/2007	*	0	0	0	11	558	0	0	14	---	2,277	725
05/11/2007	*	0	0	0	21	525	0	0	16	13,562	2,751	2,136
05/12/2007	*	---	0	0	18	505	693	374	12	---	5,231	284
05/13/2007	*	---	0	0	102	761	270	0	43	24,241	4,580	1,411
05/14/2007	*	---	0	0	78	1,733	512	174	36	---	4,602	3,202
05/15/2007	*	---	0	0	22	3,022	274	0	113	33,650	8,252	3,806
05/16/2007	*	---	0	0	12	2,309	1,396	197	319	---	5,860	2,741
05/17/2007	*	---	---	0	18	1,028	563	1,004	1,036	28,428	12,193	6,780
05/18/2007	*	---	---	---	---	---	---	---	---	---	---	---
<hr/>												
<b>Total:</b>		<b>26</b>	<b>0</b>	<b>0</b>	<b>364</b>	<b>11,267</b>	<b>4,578</b>	<b>1,749</b>	<b>2,179</b>	<b>122,012</b>	<b>53,489</b>	<b>23,086</b>
<b># Days:</b>		<b>5</b>	<b>13</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>7</b>	<b>14</b>	<b>14</b>
<b>Average:</b>		<b>5</b>	<b>0</b>	<b>0</b>	<b>26</b>	<b>805</b>	<b>327</b>	<b>125</b>	<b>156</b>	<b>17,430</b>	<b>3,821</b>	<b>1,649</b>
<b>YTD</b>		<b>27</b>	<b>0</b>	<b>0</b>	<b>386</b>	<b>12,084</b>	<b>4,603</b>	<b>1,755</b>	<b>4,888</b>	<b>139,659</b>	<b>61,048</b>	<b>24,154</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:

5/18/07 9:43 AM

		05/04/07 TO 05/18/07						
		Species						
Site	Data	CH0	CH1	CO	SO	ST	Grand Total	
<b>LGR</b>	Sum of NumberCollected	1,200	784,675	21,800	8,800	747,525	1,564,000	
	Sum of NumberBarged	1,196	712,509	21,794	8,789	737,833	1,482,121	
	Sum of NumberBypassed	0	71,325	0	1	9,452	80,778	
	Sum of Numbertrucked	0	0	0	0	0	0	
	Sum of SampleMorts	0	14	0	0	8	22	
	Sum of FacilityMorts	4	415	6	10	232	667	
	Sum of ResearchMorts	0	412	0	0	0	412	
	Sum of TotalProjectMorts	4	841	6	10	240	1,101	
<b>LGS</b>	Sum of NumberCollected	1,635	358,162	20,582	3,243	903,046	1,286,668	
	Sum of NumberBarged	1,426	288,607	18,079	1,843	749,347	1,059,302	
	Sum of NumberBypassed	201	45,547	303	400	91,580	138,031	
	Sum of Numbertrucked	0	0	0	0	0	0	
	Sum of SampleMorts	0	4	0	0	3	7	
	Sum of FacilityMorts	8	74	0	0	213	295	
	Sum of ResearchMorts	0	2	0	0	0	2	
	Sum of TotalProjectMorts	8	80	0	0	216	304	
<b>LMN</b>	Sum of NumberCollected	151	225,365	7,377	1,345	455,849	690,087	
	Sum of NumberBarged	145	223,065	7,363	1,331	450,451	682,355	
	Sum of NumberBypassed	2	1,972	13	0	5,099	7,086	
	Sum of Numbertrucked	0	0	0	0	0	0	
	Sum of SampleMorts	0	16	0	0	33	49	
	Sum of FacilityMorts	4	314	1	14	282	615	
	Sum of ResearchMorts	0	0	0	0	0	0	
	Sum of TotalProjectMorts	4	330	1	14	315	664	
<b>MCN</b>	Sum of NumberCollected	3,331	760,275	17,303	72,293	128,798	982,000	
	Sum of NumberBarged	0	0	0	0	0	0	
	Sum of NumberBypassed	3,300	759,793	17,299	72,178	128,535	981,105	
	Sum of Numbertrucked	0	0	0	0	0	0	
	Sum of SampleMorts	0	55	1	20	12	88	
	Sum of FacilityMorts	31	427	3	95	251	807	
	Sum of ResearchMorts	0	0	0	0	0	0	
	Sum of TotalProjectMorts	31	482	4	115	263	895	
Total Sum of NumberCollected		6,317	2,128,477	67,062	85,681	2,235,218	4,522,755	
Total Sum of NumberBarged		2,767	1,224,181	47,236	11,963	1,937,631	3,223,778	
Total Sum of NumberBypassed		3,503	878,637	17,615	72,579	234,666	1,207,000	
Total Sum of Numbertrucked		0	0	0	0	0	0	
Total Sum of SampleMorts		0	89	1	20	56	166	
Total Sum of FacilityMorts		47	1,230	10	119	978	2,384	
Total Sum of ResearchMorts		0	414	0	0	0	414	
Total Sum of TotalProjectMorts		47	1,733	11	139	1,034	2,964	



### YTD Transportation Summary

Source: Fish Passage Center

Updated:

5/18/07 9:43 AM

TO: 05/18/07

		Species					
Site	Data	CH0	CH1	CO	SO	ST	Grand Total
<b>LGR</b>	Sum of NumberCollected	2,270	1,518,829	24,060	9,360	1,138,461	2,692,980
	Sum of NumberBarged	1,404	1,067,425	22,622	8,992	965,251	2,065,694
	Sum of NumberBypassed	856	449,526	1,432	356	172,847	625,017
	Sum of NumberTrucked	0	0	0	0	0	0
	Sum of SampleMorts	5	52	0	0	18	75
	Sum of FacilityMorts	5	949	6	12	345	1,317
	Sum of ResearchMorts	0	877	0	0	0	877
	Sum of TotalProjectMorts	10	1,878	6	12	363	2,269
<b>LGS</b>	Sum of NumberCollected	1,651	375,997	20,755	3,265	926,061	1,327,729
	Sum of NumberBarged	1,426	288,607	18,079	1,843	749,347	1,059,302
	Sum of NumberBypassed	216	63,333	476	420	114,552	178,997
	Sum of NumberTrucked	0	0	0	0	0	0
	Sum of SampleMorts	0	25	0	1	9	35
	Sum of FacilityMorts	9	101	0	1	250	361
	Sum of ResearchMorts	0	3	0	0	0	3
	Sum of TotalProjectMorts	9	129	0	2	259	399
<b>LMN</b>	Sum of NumberCollected	176	230,933	7,385	1,347	458,197	698,038
	Sum of NumberBarged	145	223,065	7,363	1,331	450,451	682,355
	Sum of NumberBypassed	27	7,531	21	2	7,427	15,008
	Sum of NumberTrucked	0	0	0	0	0	0
	Sum of SampleMorts	0	25	0	0	53	78
	Sum of FacilityMorts	4	314	1	14	283	616
	Sum of ResearchMorts	0	0	0	0	0	0
	Sum of TotalProjectMorts	4	339	1	14	336	694
<b>MCN</b>	Sum of NumberCollected	3,996	1,000,627	24,004	82,736	176,903	1,288,266
	Sum of NumberBarged	0	0	0	0	0	0
	Sum of NumberBypassed	3,964	999,998	23,999	82,610	176,589	1,287,160
	Sum of NumberTrucked	0	0	0	0	0	0
	Sum of SampleMorts	1	98	1	20	21	141
	Sum of FacilityMorts	31	520	4	106	293	954
	Sum of ResearchMorts	0	11	0	0	0	11
	Sum of TotalProjectMorts	32	629	5	126	314	1,106
Total Sum of NumberCollected		8,093	3,126,386	76,204	96,708	2,699,622	6,007,013
Total Sum of NumberBarged		2,975	1,579,097	48,064	12,166	2,165,049	3,807,351
Total Sum of NumberBypassed		5,063	1,520,388	25,928	83,388	471,415	2,106,182
Total Sum of NumberTrucked		0	0	0	0	0	0
Total Sum of SampleMorts		6	200	1	21	101	329
Total Sum of FacilityMorts		49	1,884	11	133	1,171	3,248
Total Sum of ResearchMorts		0	891	0	0	0	891
Total Sum of TotalProjectMorts		55	2,975	12	154	1,272	4,468

**Cumulative Adult Passage at Mainstem Dams Through: 05/17**

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	05/17	57150	12448	80760	1885	140226	6136	0	0	0	0	0	0	0	0	0	0	0	0
TDA	05/17	42082	10404	47012	1049	92794	3917	0	0	0	0	0	0	0	0	0	0	0	0
JDA	05/17	34112	8807	34936	1027	75290	2925	0	0	0	0	0	0	0	0	0	0	0	0
MCN	05/17	27971	5985	23622	716	65577	2477	0	0	0	0	0	0	0	0	0	0	0	0
IHR	05/16	18652	2941	9538	142	40347	1287	0	0	0	0	0	0	0	0	0	0	0	0
LMN	05/16	15157	2653	6562	76	36367	1043	0	0	0	0	0	0	0	0	0	0	0	0
LGS	05/17	11862	2177	5257	70	33627	1028	0	0	0	0	0	0	0	0	0	0	0	0
LGR	05/17	10723	2099	3622	50	32321	941	0	0	0	0	0	0	0	0	0	0	0	0
PRD	05/15	2847	53	1793	0	12493	70	0	0	0	0	0	0	0	0	0	0	0	0
RIS	05/16	2331	138	756	13	7949	121	0	0	0	0	0	0	0	0	0	0	0	0
RRH	05/16	920	19	282	0	2728	15	0	0	0	0	0	0	0	0	0	0	0	0
WEL	05/16	163	3	21	0	1192	9	0	0	0	0	0	0	0	0	0	0	0	0
WFA	05/15	12220	62	19030	75	-	-	0	0	0	0	-	-	0	0	0	0	-	-

DAM	Coho						Sockeye			Steelhead			
	2007		2006		10-Yr Avg.		2007	2006	10-Yr Avg.	2007	2006	10-Yr Avg.	Wild
	Adult	Jack	Adult	Jack	Adult	Jack							2007
BON	0	0	0	0	0	0	0	0	0	2512	2345	3078	670
TDA	0	0	0	0	0	0	0	0	0	1147	1077	999	405
JDA	0	0	0	0	0	0	0	0	0	1805	2279	3028	741
MCN	0	0	0	0	0	0	0	0	0	1814	2099	1592	580
IHR	0	0	0	0	0	0	0	0	0	2255	2698	1789	624
LMN	0	0	0	0	0	0	0	0	0	2285	2842	1797	815
LGS	0	0	0	0	0	0	0	0	0	2283	2683	2073	757
LGR	0	0	0	0	0	0	0	0	0	10560	7580	6694	2390
PRD	0	1	0	0	0	0	0	0	0	28	20	3	0
RIS	0	0	0	0	0	0	0	0	1	47	56	31	19
RRH	0	0	0	0	0	0	0	0	0	141	139	115	66
WEL	0	0	0	0	0	0	0	0	0	27	20	20	15
WFA	2	0	0	0	-	-	0	0	-	7788	10224	-	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: 05/18/07

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