



Fish Passage Center

Weekly Report #05 - 29

October 7, 2005

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Summary of Events:

Precipitation has been below average over September at most Columbia Basin locations, with the exception of Upper Columbia locations that have been above average. Over the entire water year, precipitation remains slightly below average at most locations.

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

Location	Water Year 2005 September 1-26		Water Year 2005 October 1, 2004 to September 1-26, 2005	
	Observed (inches)	% Average	Observed (inches)	% Average
Columbia Above Coulee	2.02	145	24.16	95
Snake River Above Ice Harbor	0.69	76	17.05	96
Columbia Above The Dalles	1.17	104	20.61	89
Kootenai	1.98	141	24.71	95
Clark Fork	1.38	131	14.62	82
Flathead	2.17	154	23.30	99
Pend Oreille/Spokane	1.38	106	27.35	88
Central Washington	0.12	31	6.89	76
Snake River Plain	0.64	88	13.33	116
Salmon/Boise/ Payette	0.44	50	16.06	80
Clearwater	0.77	53	24.74	80
SW Washington Cascades/Cowlitz	0.51	19	50.52	71
Willamette Valley	0.45	25	40.62	68

River flows in the Columbia and Snake rivers are generally low. Flows at Lower Granite are currently 19.2 Kcfs (10-6-05) and flows at McNary are currently 99.9 Kcfs.

Grand Coulee Reservoir has refilled to 1286.9 feet (10-6-05) and outflows are currently 90.9 Kcfs.

The Libby Reservoir is currently at elevation 2438.5 feet and has reduced outflows to 4.7 Kcfs.

Hungry Horse is currently at an elevation of 3538.6 feet. Currently outflows at Hungry Horse are 1.5 Kcfs.

Dworshak is currently at an elevation of 1519.2 feet (10-6-05) and is at the 1.6 Kcfs minimum outflow.

The Brownlee Reservoir was at an elevation of 2052.5 feet on October 6th, 2005 with outflows at Hells Canyon ranging between 8.6 and 13.3 Kcfs over the last week.

Smolt Monitoring: Passage indices for subyearling Chinook inched higher at the monitoring sites that are still sampling, although numbers are very low at this time. At Lower Granite Dam in the Lower Snake River, the subyearling Chinook passage index averaged 17 per day this week compared to 12 the previous week. At Little Goose Dam the index averaged 14 per day this week compared to 6 the previous week. Bonneville Dam saw the largest increase in subyearling passage with the index averaging 190 per day this past week up from 60 per day last week.

Hatchery Releases - The Zone Release Report below summarizes releases of juvenile salmonids (species) from State, Federal or Tribal hatcheries or acclimation ponds for the 2005 migration. Releases for hatcheries below Bonneville have been included in the Table. For the 2005 migration season, approximately 83.7 million juvenile fish were released from hatcheries in the river systems located above Bonneville Dam with the remaining released in the Willamette, Cowlitz, and other major tributaries in the lower Columbia River. These totals will be updated and finalized throughout the year. Additional hatchery releases will be completed this fall, with the majority of these fish likely migrating the following year from the tributaries above Bonneville Dam.

Juvenile sockeye were released this past week into Pettit, Alturas and Redfish lakes in the upper Salmon River basin. These sockeye will reside in the lakes and migrate next spring (06). Warm springs NFH began their normal volitional release of spring Chinook through this month and up to November 16.

Hatchery Zone Release Report

	Friday 07-Oct-2005				
	Snake River	Mid-Columbia	Lower Columbia	Below Bonneville	Total Release
Fall Chinook	4,907,703	12,449,054	21,567,139	21,508,763	60,432,659
Spring Chinook	9,440,350	5,158,571	5,150,959	11,337,455	31,087,335
Summer Chinook	2,348,012	3,370,613			5,718,625
Chum				163,000	163,000
Coho	816,300	1,868,096	5,149,012	11,062,156	18,895,564
Sockeye	209,046	592,459			801,505
Summer Steelhead	8,887,764	1,188,619	523,769	1,523,905	12,124,057
Winter Steelhead			118,793	1,765,291	1,884,084
Total	26,609,175	24,627,412	32,510,281	47,360,570	131,107,438

Adult Fish Passage -Water temperatures in the Columbia River (Bonneville to McNary) have continued to reduce through the past two weeks and were near 61-63 F at most projects by October 5th.

At Bonneville Dam, numbers of adult fall Chinook salmon ranged from 2,500 to 800 per day during the past week ending October 6th. The season total of 401,442 adult Chinook salmon was 71.3% and 125.7% of the respective 2004 and 10-year average count. Tule fall Chinook and Bright fall Chinook counts at the Bonneville Project can be

accessed at the FPC website: http://www.fpc.org/adultsalmon/adulthistory/bon_tule_brights2005.html. This information is completed for the 2005 season and was received from WDFW who compiles the information from observation of adult fish passing the count windows at Bonneville Dam. Through October 6th, about 122,000 adult fall Chinook were counted at McNary Dam with the passage of these fish into the Snake and Mid-Columbia as follows: about 13,700 counted into the Snake (Ice Harbor) and 21,400 counted into the Mid-Columbia (Priest Rapids). Note that the majority of fish passing McNary are destined for the Hanford Reach of the Columbia River located below Priest Rapids Dam.

At Bonneville Dam, steelhead counts ranged from near 2,300 early this past week to about 1,400 by week's end. This year's total of 299,960 is about equal to the 2004 count as well as the 10-year average through October 6th. Upstream at The Dalles Dam, the cumulative steelhead count through October 6th was 219,346, with the count differential between Bonneville and The Dalles Dam now reduced to 80,000, or approximately 73% of the steelhead counted at Bonneville have passed The Dalles Dam. At McNary Dam, 175,627 steelhead have been counted to date with 112,223 counted into the Snake River (Ice Harbor) and 12,020 counted into the Mid-Columbia River at Priest Rapids Dam.

The daily counts of coho salmon at Bonneville Dam ranged from 600 to 1,000 for the past week with the cumulative count of 68,525 adult fish through October 6th. This total is below the 2004 count total but exceeds the 10-year average. Passage of coho has remained fairly strong through late-September and into the first week of October. During this past week at The Dalles, Coho passage had a 2-day spike to 5,864 on 10/2 and 2,400 on 10/3. This small surge was seen at John Day Dam and appears to be arriving at McNary the past 2-days. The coho Run is primarily destined for the Bonneville Pool tributaries with remaining fish moving to upstream rivers such as the Umatilla River, the Yakima River, tributaries of the upper Columbia River and the Snake River.

During the Treaty fall fishery that occurred

between Bonneville and McNary dams (Zone 6), reports from harvest indicated that about 92,400 Chinook, 7,700 steelhead, and 2,200 coho were sold to the buyers this season. These numbers are preliminary harvest totals for the 2005 fall season.

Hatchery Release Summary

From: 9/23/2005 **to** 10/06/05

Agency	Hatchery	Species	Race	MigYr	NumRel	RelStart	RelEnd	RelSite	RelRiver
Idaho Dept. of Fish and Game	Sawtooth Hatchery	SO	UN	2006	39,898	10-05-05	10-05-05	Redfish Lake	Salmon River (ID)
Idaho Dept. of Fish and Game Total					39,898				
Grand Total					39,898				

Hatchery Release Summary

From: 10/7/2005 **to** 10/20/2005

Agency	Hatchery	Species	Race	MigYr	NumRel	RelStart	RelEnd	RelSite	RelRiver
U.S. Fish and Wildlife Service	Warm Springs NFH	CH1	SP	2006	50,000	10-10-05	11-16-05	Warm Springs Hatchery	Deschutes River
U.S. Fish and Wildlife Service Total					50,000				
Grand Total					50,000				

Daily Average Flow and Spill (in kcfs) at Mid-Columbia Projects

Date	Grand Coulee		Chief Joseph		Wells		Rocky Reach		Rock Island		Wanapum		Priest Rapids	
	Flow	Spill	Flow	Spill	Flow	Spill	Flow	Spill	Flow	Spill	Flow	Spill	Flow	Spill
09/23/05	66.8	0.2	70.1	0.0	70.5	0.0	66.9	0.0	66.2	0.0	80.3	1.8	80.3	0.9
09/24/05	48.7	0.2	51.6	0.0	56.1	0.0	59.6	0.0	59.7	0.0	55.6	1.7	47.2	0.8
09/25/05	57.9	0.2	58.6	0.0	53.5	0.0	52.8	0.0	54.8	0.0	52.5	1.7	52.8	1.1
09/26/05	91.8	0.0	85.3	0.0	83.6	0.0	79.4	0.0	79.5	0.0	83.8	1.9	79.1	1.0
09/27/05	65.7	0.2	67.8	0.0	65.7	0.0	65.2	0.0	66.3	0.0	67.4	1.7	63.3	0.9
09/28/05	83.9	0.1	81.5	0.0	82.7	0.0	83.1	0.0	84.9	0.0	86.1	2.2	79.7	1.0
09/29/05	83.7	0.1	83.6	0.0	82.5	0.0	78.4	0.0	77.4	0.0	80.2	2.1	79.0	1.0
09/30/05	67.5	0.2	73.4	0.0	79.1	0.0	82.8	0.0	82.4	0.0	90.0	2.1	86.4	1.0
10/01/05	56.6	0.0	53.3	0.0	48.7	0.0	49.0	0.0	50.9	0.0	62.0	1.7	60.1	0.8
10/02/05	64.7	0.0	62.4	0.0	65.0	0.0	61.9	0.0	61.1	0.0	56.3	1.8	48.7	1.0
10/03/05	66.7	0.0	74.1	0.0	75.1	0.0	81.1	0.0	82.3	0.0	95.7	1.9	92.7	1.1
10/04/05	77.3	0.0	73.4	0.0	73.1	0.0	71.5	0.0	70.7	0.0	73.5	1.7	70.2	1.0
10/05/05	82.3	0.0	80.8	0.0	77.8	0.0	80.7	0.0	76.5	0.0	78.6	1.8	75.5	1.0
10/06/05	90.9	0.0	96.0	0.0	96.3	0.0	97.5	0.0	94.7	0.0	96.5	2.0	88.9	1.1

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

Date	Dworshak		Hells Canyon		Lower Granite		Little Goose		Lower Monumental		Ice Harbor	
	Flow	Spill	Inflow	Outflow	Flow	Spill	Flow	Spill	Flow	Spill	Flow	Spill
09/23/05	1.6	0.0	10.2	11.2	18.1	0.0	18.8	0.0	18.9	0.0	16.7	0.0
09/24/05	1.6	0.0	10.5	8.7	16.4	0.0	15.6	0.0	15.1	0.0	14.0	0.0
09/25/05	1.6	0.0	10.2	9.5	14.4	0.0	13.9	0.0	15.6	0.0	17.5	0.0
09/26/05	1.6	0.0	11.5	14.1	16.8	0.0	17.9	0.0	17.8	0.0	14.0	0.0
09/27/05	1.6	0.0	9.8	8.9	19.2	0.0	18.9	0.0	19.5	0.0	19.5	0.0
09/28/05	1.6	0.0	10.7	8.6	18.1	0.0	19.0	0.0	19.8	0.0	19.1	0.0
09/29/05	1.6	0.0	10.9	9.5	14.6	0.0	14.8	0.0	14.9	0.0	14.1	0.0
09/30/05	1.6	0.0	10.7	8.9	14.6	0.0	15.1	0.0	15.0	0.0	13.9	0.0
10/01/05	1.6	0.0	10.1	8.6	14.9	0.0	14.7	0.0	16.2	0.0	16.6	0.0
10/02/05	1.6	0.0	10.1	9.7	16.0	0.0	16.1	0.0	17.0	0.0	17.8	0.0
10/03/05	1.6	0.0	11.7	13.3	21.3	0.0	21.2	0.0	21.6	0.0	20.7	0.0
10/04/05	1.6	0.0	12.7	13.8	22.5	0.0	22.7	0.0	23.8	0.0	23.0	0.0
10/05/05	1.6	0.0	12.1	13.0	19.4	0.0	17.4	0.0	17.9	0.0	15.9	0.0
10/06/05	1.6	0.0	---	---	19.2	0.0	20.1	0.0	21.3	0.0	22.0	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		
09/23/05	100.0	0.0	99.0	0.8	98.6	0.0	104.6	1.4	29.4	67.1
09/24/05	90.8	0.0	84.3	0.8	87.8	0.0	95.7	1.4	21.2	65.7
09/25/05	69.6	0.0	71.4	0.8	76.6	0.0	77.4	1.4	4.0	65.2
09/26/05	89.3	0.0	86.1	0.9	86.4	0.0	87.4	1.3	10.7	68.2
09/27/05	98.8	0.0	103.5	0.9	108.1	0.0	114.1	1.4	37.7	68.2
09/28/05	89.3	0.0	79.0	0.8	79.0	0.0	81.1	1.4	10.6	62.3
09/29/05	100.7	0.0	97.4	0.7	96.7	0.0	102.8	1.4	28.6	66.0
09/30/05	103.9	0.0	103.0	0.8	107.6	0.0	114.7	1.4	37.9	68.6
10/01/05	104.6	0.0	90.8	0.8	91.8	0.0	98.2	1.4	25.2	64.8
10/02/05	68.0	0.0	63.5	0.8	68.9	0.0	78.8	1.4	7.7	62.9
10/03/05	88.3	0.0	91.7	0.9	94.4	0.0	94.4	1.4	19.8	66.4
10/04/05	118.8	0.0	111.2	0.8	110.9	0.0	116.0	1.4	36.1	71.7
10/05/05	115.1	0.0	118.1	0.9	118.1	0.0	126.7	1.2	46.8	71.9
10/06/05	99.9	0.0	101.8	0.7	101.2	0.0	110.4	1.2	33.6	68.8

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>	High	#	<u>24 h</u>	<u>12 h</u>	High	#	<u>24 h</u>	<u>12 h</u>	High	#	<u>24 h</u>	<u>12 h</u>	High		#			
	Avg	Avg		hr	Avg	Avg		hr	Avg	Avg		hr	Avg	Avg			hr	Avg	Avg	hr
9/23	---	---	---	0	103	104	104	24	102	102	102	24	100	100	101	24	101	101	102	24
9/24	---	---	---	0	103	103	104	23	102	102	102	24	100	100	101	23	101	101	102	24
9/25	---	---	---	0	103	103	104	24	101	101	101	24	100	100	102	24	101	101	102	24
9/26	---	---	---	0	103	104	104	24	101	102	102	24	100	100	101	24	101	102	102	24
9/27	---	---	---	0	102	103	103	24	101	101	102	24	99	100	101	24	101	101	101	24
9/28	---	---	---	0	102	103	104	24	101	101	101	24	99	99	100	24	101	102	102	24
9/29	---	---	---	0	103	104	105	24	102	102	103	24	100	101	103	24	102	102	102	24
9/30	---	---	---	0	104	105	105	24	102	103	103	24	100	101	102	24	101	101	102	24
10/1	---	---	---	0	104	104	104	24	102	102	103	24	100	101	102	24	101	101	101	24
10/2	---	---	---	0	103	103	104	24	101	101	102	24	99	100	100	24	100	100	101	24
10/3	---	---	---	0	102	102	103	24	101	101	101	24	99	100	102	24	100	100	100	24
10/4	---	---	---	0	101	102	102	24	100	100	100	24	98	99	100	24	98	99	99	24
10/5	---	---	---	0	101	102	102	24	100	100	100	24	98	98	99	24	98	99	99	24
10/6	---	---	---	0	102	103	104	24	100	101	101	24	99	99	100	24	99	100	100	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>	High	#	<u>24 h</u>	<u>12 h</u>	High	#	<u>24 h</u>	<u>12 h</u>	High	#	<u>24 h</u>	<u>12 h</u>	High		#			
	Avg	Avg		hr	Avg	Avg		hr	Avg	Avg		hr	Avg	Avg			hr	Avg	Avg	hr
9/23	103	103	105	22	---	---	---	0	---	---	---	0	102	102	102	24	103	103	103	24
9/24	103	103	105	21	---	---	---	0	---	---	---	0	102	102	102	24	103	103	103	24
9/25	101	102	104	22	---	---	---	0	---	---	---	0	102	102	102	24	103	103	103	24
9/26	102	104	105	23	---	---	---	0	---	---	---	0	102	102	102	24	103	103	103	24
9/27	102	102	103	23	---	---	---	0	---	---	---	0	102	102	102	24	103	103	103	24
9/28	102	103	104	24	---	---	---	0	---	---	---	0	102	102	102	24	103	103	103	24
9/29	103	103	104	24	---	---	---	0	---	---	---	0	102	102	102	24	103	103	103	24
9/30	103	103	104	24	---	---	---	0	---	---	---	0	102	102	103	24	103	103	103	24
10/1	101	102	104	24	---	---	---	0	---	---	---	0	102	102	102	24	103	103	103	24
10/2	100	101	102	23	---	---	---	0	---	---	---	0	102	102	102	24	103	103	103	24
10/3	100	101	102	21	---	---	---	0	---	---	---	0	102	102	102	24	103	103	103	24
10/4	100	101	102	24	---	---	---	0	---	---	---	0	102	102	102	24	103	103	103	24
10/5	100	100	101	24	---	---	---	0	---	---	---	0	102	102	102	24	103	103	103	24
10/6	100	100	101	24	---	---	---	0	---	---	---	0	102	102	102	22	103	103	103	22

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>	High	#	<u>24 h</u>	<u>12 h</u>	High	#	<u>24 h</u>	<u>12 h</u>	High	#	<u>24 h</u>	<u>12 h</u>	High		#			
	Avg	Avg		hr	Avg	Avg		hr	Avg	Avg		hr	Avg	Avg			hr	Avg	Avg	hr
9/23	102	102	102	24	102	102	102	24	---	---	---	0	---	---	---	0	---	---	---	0
9/24	102	102	102	24	102	102	102	24	---	---	---	0	---	---	---	0	---	---	---	0
9/25	102	102	102	24	102	102	102	24	---	---	---	0	---	---	---	0	---	---	---	0
9/26	102	102	102	24	102	102	102	24	---	---	---	0	---	---	---	0	---	---	---	0
9/27	102	102	102	24	102	102	102	24	---	---	---	0	---	---	---	0	---	---	---	0
9/28	102	102	102	24	102	102	102	24	---	---	---	0	---	---	---	0	---	---	---	0
9/29	102	102	102	24	102	102	102	24	---	---	---	0	---	---	---	0	---	---	---	0
9/30	102	102	102	24	102	102	102	24	---	---	---	0	---	---	---	0	---	---	---	0
10/1	102	102	102	24	102	102	102	24	---	---	---	0	---	---	---	0	---	---	---	0
10/2	102	102	102	24	102	102	102	24	---	---	---	0	---	---	---	0	---	---	---	0
10/3	102	102	102	24	102	102	102	24	---	---	---	0	---	---	---	0	---	---	---	0
10/4	102	102	102	24	102	102	102	24	---	---	---	0	---	---	---	0	---	---	---	0
10/5	102	102	102	24	102	102	102	24	---	---	---	0	---	---	---	0	---	---	---	0
10/6	102	102	102	22	102	102	102	22	---	---	---	0	---	---	---	0	---	---	---	0

Total Dissolved Gas Saturation (%) - Average of 12 Highest Hours, 24 h Average and 24 h High

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

Date	<u>Priest R. Dnst</u>			<u>Pasco</u>			<u>Dworshak</u>			<u>Clrwrtr-Peck</u>			<u>Anatone</u>			#				
	<u>24 h</u>	<u>12 h</u>	High	<u>24 h</u>	<u>12 h</u>	High	<u>24 h</u>	<u>12 h</u>	High	<u>24 h</u>	<u>12 h</u>	High	<u>24 h</u>	<u>12 h</u>	High					
	Avg	Avg		#	Avg		Avg	#		Avg	Avg		#	Avg			Avg	#		
9/23	---	---	---	0	101	101	102	24	105	105	106	24	---	---	---	0	---	---	---	0
9/24	---	---	---	0	100	101	102	24	104	105	106	24	---	---	---	0	---	---	---	0
9/25	---	---	---	0	100	101	101	24	104	105	106	24	101	104	106	24	---	---	---	0
9/26	---	---	---	0	101	103	104	24	104	105	106	24	102	104	106	24	---	---	---	0
9/27	---	---	---	0	101	101	102	24	104	104	106	24	101	103	105	24	---	---	---	0
9/28	---	---	---	0	101	102	102	24	103	104	106	24	101	103	105	24	---	---	---	0
9/29	---	---	---	0	101	101	101	13	104	105	106	24	102	104	105	24	---	---	---	0
9/30	---	---	---	0	---	---	---	0	105	105	105	24	101	102	103	24	---	---	---	0
10/1	---	---	---	0	---	---	---	0	104	105	105	24	100	101	102	24	---	---	---	0
10/2	---	---	---	0	---	---	---	0	104	105	106	24	101	102	104	24	---	---	---	0
10/3	---	---	---	0	---	---	---	0	104	104	105	24	99	100	101	24	---	---	---	0
10/4	---	---	---	0	---	---	---	0	103	104	105	24	100	101	102	24	---	---	---	0
10/5	---	---	---	0	---	---	---	0	103	104	105	24	100	102	103	24	---	---	---	0
10/6	---	---	---	0	---	---	---	0	104	106	108	24	102	104	105	24	---	---	---	0

Total Dissolved Gas Saturation Data at Snake River Sites

Date	<u>Clrwrtr-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>	High	<u>24 h</u>	<u>12 h</u>	High	<u>24 h</u>	<u>12 h</u>	High	<u>24 h</u>	<u>12 h</u>	High	<u>24 h</u>	<u>12 h</u>	High						
	Avg	Avg		#	Avg		Avg	#		Avg	Avg		#	Avg			Avg	#			
9/23	---	---	---	0	102	104	105	24	99	99	100	24	96	97	97	24	96	97	97	24	
9/24	---	---	---	0	102	103	105	24	99	99	99	24	96	97	97	23	96	96	96	97	24
9/25	---	---	---	0	101	102	103	24	99	99	100	24	96	96	97	24	96	96	96	97	24
9/26	---	---	---	0	102	104	105	24	100	101	104	24	97	97	98	24	97	97	97	97	24
9/27	---	---	---	0	100	101	103	24	101	103	109	24	96	97	97	24	96	97	97	97	24
9/28	---	---	---	0	100	101	102	24	99	100	102	24	96	97	97	22	96	97	98	98	24
9/29	---	---	---	0	100	101	101	24	99	99	100	24	97	97	97	9	97	97	97	97	9
9/30	---	---	---	0	100	100	101	24	99	99	100	24	---	---	---	0	---	---	---	---	0
10/1	---	---	---	0	99	99	99	24	97	98	98	24	---	---	---	0	---	---	---	---	0
10/2	---	---	---	0	98	98	99	24	96	97	97	24	---	---	---	0	---	---	---	---	0
10/3	---	---	---	0	97	97	98	24	96	96	97	24	---	---	---	0	---	---	---	---	0
10/4	---	---	---	0	96	96	96	24	96	96	96	24	---	---	---	0	---	---	---	---	0
10/5	---	---	---	0	96	96	97	24	96	97	98	24	---	---	---	0	---	---	---	---	0
10/6	---	---	---	0	97	98	98	24	97	98	99	24	---	---	---	0	---	---	---	---	0

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>	High	<u>24 h</u>	<u>12 h</u>	High	<u>24 h</u>	<u>12 h</u>	High	<u>24 h</u>	<u>12 h</u>	High	<u>24 h</u>	<u>12 h</u>	High					
	Avg	Avg		#	Avg		Avg	#		Avg	Avg		#	Avg			Avg	#		
9/23	97	97	97	24	97	97	98	24	98	98	99	24	99	99	101	23	100	101	101	24
9/24	97	97	97	24	97	97	98	24	98	99	99	24	100	100	101	23	100	100	101	24
9/25	97	97	97	24	97	97	98	24	99	99	99	24	99	100	101	24	100	101	102	24
9/26	97	97	98	24	98	98	100	24	99	99	99	24	100	101	102	24	101	102	103	24
9/27	96	96	97	24	97	98	99	24	98	99	99	24	100	100	101	24	100	101	102	24
9/28	95	95	96	10	97	97	98	13	98	98	99	24	99	100	101	24	101	104	106	24
9/29	---	---	---	0	---	---	---	0	98	98	98	24	99	99	100	24	101	102	103	24
9/30	---	---	---	0	---	---	---	0	98	99	99	24	99	100	100	24	102	102	103	24
10/1	---	---	---	0	---	---	---	0	98	99	99	24	99	100	101	24	101	101	101	24
10/2	---	---	---	0	---	---	---	0	98	98	98	24	99	99	100	24	100	100	101	24
10/3	---	---	---	0	---	---	---	0	97	97	98	24	98	98	99	24	99	99	100	24
10/4	---	---	---	0	---	---	---	0	96	96	97	24	97	97	98	24	98	98	99	24
10/5	---	---	---	0	---	---	---	0	96	97	98	24	98	100	114	24	97	97	98	24
10/6	---	---	---	0	---	---	---	0	97	97	97	24	98	98	99	24	99	100	101	24

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>	High	<u>24 h</u>	<u>12 h</u>	High	<u>24h</u>	<u>12h</u>	High	<u>24h</u>	<u>12h</u>	High	<u>24h</u>	<u>12h</u>	High					
	Avg	Avg		hr	Avg		Avg	hr		Avg	Avg		hr	Avg			Avg	hr	Avg	AVG
9/23	100	101	102	24	100	100	101	24	---	---	---	0	---	---	---	0	---	---	---	0
9/24	100	100	100	24	100	100	100	24	---	---	---	0	---	---	---	0	---	---	---	0
9/25	99	99	100	24	99	100	100	24	---	---	---	0	---	---	---	0	---	---	---	0
9/26	100	100	101	24	100	101	101	24	---	---	---	0	---	---	---	0	---	---	---	0
9/27	100	101	101	24	100	101	101	24	---	---	---	0	---	---	---	0	---	---	---	0
9/28	100	101	101	24	100	101	101	24	---	---	---	0	---	---	---	0	---	---	---	0
9/29	101	102	102	24	101	101	102	24	---	---	---	0	---	---	---	0	---	---	---	0
9/30	102	102	102	24	101	102	102	24	---	---	---	0	---	---	---	0	---	---	---	0
10/1	101	101	102	24	101	101	101	24	---	---	---	0	---	---	---	0	---	---	---	0
10/2	100	100	100	24	100	100	100	24	---	---	---	0	---	---	---	0	---	---	---	0
10/3	99	99	99	24	99	99	100	24	---	---	---	0	---	---	---	0	---	---	---	0
10/4	98	98	98	24	98	98	98	24	---	---	---	0	---	---	---	0	---	---	---	0
10/5	98	98	98	24	98	98	98	24	---	---	---	0	---	---	---	0	---	---	---	0
10/6	98	99	99	24	99	99	99	24	---	---	---	0	---	---	---	0	---	---	---	0

Total Dissolved Gas Saturation Data at Lower Columbia River Sites

Date	<u>The Dalles Dnst</u>			<u>Bonneville</u>			<u>Warrendale</u>			<u>CamasWashougal</u>			<u>Cascade Island</u>			#				
	<u>24 h</u>	<u>12 h</u>	High	<u>24 h</u>	<u>12 h</u>	High	<u>24h</u>	<u>12h</u>	High	<u>24h</u>	<u>12h</u>	High	<u>24h</u>	<u>12h</u>	High					
	Avg	Avg		hr	Avg		Avg	hr		Avg	Avg		hr	Avg			Avg	hr	Avg	AVG
9/23	---	---	---	0	98	98	99	24	101	102	103	24	---	---	---	0	---	---	---	0
9/24	---	---	---	0	98	98	98	24	101	102	103	24	---	---	---	0	---	---	---	0
9/25	---	---	---	0	98	98	98	24	102	103	107	24	---	---	---	0	---	---	---	0
9/26	---	---	---	0	99	99	99	23	107	108	108	23	---	---	---	0	---	---	---	0
9/27	---	---	---	0	99	99	99	23	108	108	108	23	---	---	---	0	---	---	---	0
9/28	---	---	---	0	99	99	99	23	107	108	108	23	---	---	---	0	---	---	---	0
9/29	---	---	---	0	100	100	100	23	105	108	108	23	---	---	---	0	---	---	---	0
9/30	---	---	---	0	100	100	100	23	102	103	103	23	---	---	---	0	---	---	---	0
10/1	---	---	---	0	100	100	100	23	102	102	103	23	---	---	---	0	---	---	---	0
10/2	---	---	---	0	99	99	100	23	102	102	102	23	---	---	---	0	---	---	---	0
10/3	---	---	---	0	98	98	99	23	101	102	102	23	---	---	---	0	---	---	---	0
10/4	---	---	---	0	97	98	98	23	100	100	101	23	---	---	---	0	---	---	---	0
10/5	---	---	---	0	98	99	99	23	100	101	101	23	---	---	---	0	---	---	---	0
10/6	---	---	---	0	99	99	99	23	101	102	103	23	---	---	---	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/currentsmppsubmitdata.asp>

COMBINED YEARLING CHINOOK											
	WTB	IMN	GRN	LEW	LGR	LGS	LMN	RIS	MCN	JDA	BO2
Date	(Coll)	(Coll)	(Coll)	(Coll)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)
09/23/2005	*	---	---	---	0	0	0	---	---	---	0
09/24/2005		---	---	---	0	0	0	---	---	---	0
09/25/2005		---	---	---	0	0	0	---	---	---	0
09/26/2005		---	---	---	0	0	0	---	---	---	0
09/27/2005		---	---	---	0	0	0	---	---	---	0
09/28/2005		---	---	---	0	0	0	---	---	---	0
09/29/2005		---	---	---	0	0	0	---	---	---	0
09/30/2005		---	---	---	0	0	0	---	---	---	0
10/01/2005	*	---	---	---	0	0	0	---	---	---	0
10/02/2005		---	---	---	1	0	---	---	---	---	0
10/03/2005		---	---	---	0	0	---	---	---	---	0
10/04/2005		---	---	---	1	0	---	---	---	---	0
10/05/2005		---	---	---	6	0	---	---	---	---	0
10/06/2005		---	---	---	20	0	---	---	---	---	0
10/07/2005		---	---	---	34	0	---	---	---	---	0
<hr/>											
Total:	0	0	0	0	62	0	0	0	0	0	0
# Days:	0	0	0	0	15	15	9	0	0	0	15
Average:	0	0	0	0	4	0	0	0	0	0	0
YTD	43,641	42,830	5,792	1,810	5,673,924	2,475,805	706,772	14,579	1,219,870	1,409,478	1,527,240

COMBINED SUBYEARLING CHINOOK											
	WTB	IMN	GRN	LEW	LGR	LGS	LMN	RIS	MCN	JDA	BO2
Date	(Coll)	(Coll)	(Coll)	(Coll)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)
09/23/2005	*	---	---	---	9	3	31	---	---	---	78
09/24/2005		---	---	---	10	5	27	---	---	---	64
09/25/2005		---	---	---	16	12	18	---	---	---	81
09/26/2005		---	---	---	17	5	19	---	---	---	46
09/27/2005		---	---	---	13	2	15	---	---	---	51
09/28/2005		---	---	---	6	7	9	---	---	---	37
09/29/2005		---	---	---	15	6	1	---	---	---	63
09/30/2005		---	---	---	11	2	2	---	---	---	36
10/01/2005	*	---	---	---	6	15	27	---	---	---	51
10/02/2005		---	---	---	23	0	---	---	---	---	21
10/03/2005		---	---	---	16	7	---	---	---	---	76
10/04/2005		---	---	---	21	34	---	---	---	---	302
10/05/2005		---	---	---	24	18	---	---	---	---	475
10/06/2005		---	---	---	31	20	---	---	---	---	375
10/07/2005		---	---	---	48	25	---	---	---	---	154
<hr/>											
Total:	0	0	0	0	266	161	149	0	0	0	1,910
# Days:	0	0	0	0	15	15	9	0	0	0	15
Average:	0	0	0	0	18	11	17	0	0	0	127
YTD	0	86	1,224	1,152	1,749,948	1,285,676	207,820	22,160	6,841,668	2,300,846	3,820,745

Two-Week Summary of Passage Indices

COMBINED COHO												
	WTB	IMN	GRN	LEW	LGR	LGS	LMN	RIS	MCN	JDA	BO2	
Date	(Coll)	(Coll)	(Coll)	(Coll)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	
09/23/2005	*	---	---	---	---	0	0	0	---	---	---	0
09/24/2005		---	---	---	---	2	0	0	---	---	---	0
09/25/2005		---	---	---	---	0	0	0	---	---	---	0
09/26/2005		---	---	---	---	0	0	0	---	---	---	0
09/27/2005		---	---	---	---	3	0	0	---	---	---	0
09/28/2005		---	---	---	---	0	0	0	---	---	---	0
09/29/2005		---	---	---	---	0	0	0	---	---	---	0
09/30/2005		---	---	---	---	0	0	0	---	---	---	0
10/01/2005	*	---	---	---	---	0	0	0	---	---	---	0
10/02/2005		---	---	---	---	0	0	---	---	---	---	0
10/03/2005		---	---	---	---	0	0	---	---	---	---	0
10/04/2005		---	---	---	---	0	0	---	---	---	---	0
10/05/2005		---	---	---	---	0	0	---	---	---	---	0
10/06/2005		---	---	---	---	0	0	---	---	---	---	0
10/07/2005		---	---	---	---	0	0	---	---	---	---	0
<hr/>												
Total:		0	0	0	0	5	0	0	0	0	0	0
# Days:		0	0	0	0	15	15	9	0	0	0	15
Average:		0	0	0	0	0	0	0	0	0	0	0
YTD		0	0	0	110	305,072	191,700	24,371	35,644	102,587	192,563	771,264

COMBINED STEELHEAD												
	WTB	IMN	GRN	LEW	LGR	LGS	LMN	RIS	MCN	JDA	BO2	
Date	(Coll)	(Coll)	(Coll)	(Coll)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	(INDEX)	
09/23/2005	*	---	---	---	---	0	0	1	---	---	---	0
09/24/2005		---	---	---	---	0	0	0	---	---	---	0
09/25/2005		---	---	---	---	0	0	0	---	---	---	0
09/26/2005		---	---	---	---	0	1	0	---	---	---	0
09/27/2005		---	---	---	---	0	0	0	---	---	---	0
09/28/2005		---	---	---	---	0	0	0	---	---	---	0
09/29/2005		---	---	---	---	0	0	0	---	---	---	0
09/30/2005		---	---	---	---	0	0	0	---	---	---	0
10/01/2005	*	---	---	---	---	1	0	0	---	---	---	0
10/02/2005		---	---	---	---	0	0	---	---	---	---	0
10/03/2005		---	---	---	---	0	1	---	---	---	---	0
10/04/2005		---	---	---	---	0	1	---	---	---	---	11
10/05/2005		---	---	---	---	0	1	---	---	---	---	33
10/06/2005		---	---	---	---	1	1	---	---	---	---	0
10/07/2005		---	---	---	---	0	0	---	---	---	---	0
<hr/>												
Total:		0	0	0	0	2	5	1	0	0	0	44
# Days:		0	0	0	0	15	15	9	0	0	0	15
Average:		0	0	0	0	0	0	0	0	0	0	3
YTD		3,754	35,536	2,454	7,263	5,935,712	2,921,852	675,548	15,661	196,098	526,637	186,565

Two-Week Summary of Passage Indices

Date	COMBINED SOCKEYE											
	WTB (Coll)	IMN (Coll)	GRN (Coll)	LEW (Coll)	LGR (INDEX)	LGS (INDEX)	LMN (INDEX)	RIS (INDEX)	MCN (INDEX)	JDA (INDEX)	BO2 (INDEX)	
09/23/2005	*	---	---	---	---	0	0	0	---	---	---	0
09/24/2005		---	---	---	---	0	0	0	---	---	---	0
09/25/2005		---	---	---	---	0	0	0	---	---	---	0
09/26/2005		---	---	---	---	0	0	0	---	---	---	0
09/27/2005		---	---	---	---	0	0	0	---	---	---	0
09/28/2005		---	---	---	---	1	0	0	---	---	---	0
09/29/2005		---	---	---	---	2	0	0	---	---	---	0
09/30/2005		---	---	---	---	1	0	0	---	---	---	0
10/01/2005	*	---	---	---	---	0	0	0	---	---	---	0
10/02/2005		---	---	---	---	0	0	---	---	---	---	0
10/03/2005		---	---	---	---	1	0	---	---	---	---	0
10/04/2005		---	---	---	---	0	0	---	---	---	---	0
10/05/2005		---	---	---	---	0	0	---	---	---	---	0
10/06/2005		---	---	---	---	0	0	---	---	---	---	0
10/07/2005		---	---	---	---	3	0	---	---	---	---	0
Total:		0	0	0	0	8	0	0	0	0	0	0
# Days:		0	0	0	0	15	15	9	0	0	0	15
Average:		0	0	0	0	1	0	0	0	0	0	0
YTD		115	0	0	263	38,462	41,364	8,218	1,964	103,814	84,483	41,903

* See sampling comments <http://www.fpc.org/currentDaily/smpcomments.htm>

Smolt indices, clipped & unclipped or combined, are presented in the following order: yearling chinook (chinook 1's), subyearling chinook (chinook 0's), steelhead, coho, and sockeye. Two classes of fish counts are shown in these tables: collection counts, which account for sample rates but are not adjusted for flow; and passage indices, which are collection counts divided by the proportion of water passing through the sampled powerhouse. Passage indices are not population estimates, but are used to adjust collection counts for daily fluctuations in the site's or project's operations. The classes of counts presented in the report are defined below for each site. Most samples occur over a 24-hr period that spans two calendar days. In this report, the date shown corresponds with the sample end date.

Definitions for Smolt Index Counts

- WTB (Collection) = Salmon River Trap at Whitebird : Collection Counts
- IMN (Collection) = Imnaha River Trap : Collection Counts
- GRN (Collection) = Grande Ronde River Trap : Collection Counts
- LEW (Collection) = Snake River Trap at Lewiston : Collection Counts
- LGR (Index) = Lower Granite Dam Bypass Collection System : Passage Index Counts
Passage Index = Collection Counts / {Powerhouse Flow / (Powerhouse Flow + Spill)}
- LGS (Index) = Little Goose Bypass Collection System : Passage Index Counts
Passage Index = Collection Counts / {Powerhouse Flow / (Powerhouse Flow + Spill)}
- LMN (Index) = Lower Monumental Dam Bypass Collection System : Passage Index Counts
Passage Index = Collection Counts / {Powerhouse Flow / (Powerhouse Flow + Spill)}
- RIS (Index) = Rock Island Dam Second Powerhouse Bypass Trap : Passage Index Counts
Passage Index = Collection Counts / {Powerhouse 2 Flow / (Powerhouse 1 & 2 Flow + Spill)}
- MCN (Index) = McNary Dam Bypass Collection System : Passage Index Counts
Passage Index = Collection Counts / {Powerhouse Flow / (Powerhouse Flow + Spill)}
- JDA (Index) = John Day Dam Bypass Collection System : Passage Index Counts
Passage Index = Collection Counts / {Powerhouse Flow / (Powerhouse Flow + Spill)}
- BO2 (Index) = Bonneville Dam Second Powerhouse Bypass Collection System : Passage Index Counts
Passage Index = Collection Counts / {Powerhouse 2 Flow / (Powerhouse 1 & 2 Flow + Spill)}

JDA and BO2 data collected for the FPC by Pacific States Marine Fisheries Commission.
 RIS data collected for the FPC by Chelan Co. PUD/Washington Dept. of Fish and Wildlife.
 LGR, LMN, and MCN data collected for the FPC by Washington Dept. of Fish and Wildlife.
 LGS and GRN data collected for the FPC by Oregon Dept. of Fish and Wildlife.
 IMN data collected for the FPC by the Nez Perce Tribe.

Two Week Transportation Summary

Source: Fish Passage Center

Updated:

10/7/05 11:53 AM

09/24/05 TO 10/07/05

		Species					
Site	Data	CH0	CH1	CO	SO	ST	Grand Total
LGR	Sum of NumberCollected	266	62	5	8	2	343
	Sum of NumberBarged	0	0	0	0	0	0
	Sum of NumberBypassed	0	0	0	0	0	0
	Sum of Numbertrucked	267	63	5	8	2	345
	Sum of SampleMorts	8	0	0	0	0	8
	Sum of FacilityMorts	0	0	0	0	0	0
	Sum of ResearchMorts	0	0	0	0	0	0
	Sum of TotalProjectMorts	8	0	0	0	0	8
LGS	Sum of NumberCollected	174				5	179
	Sum of NumberBarged	0				0	0
	Sum of NumberBypassed	0				0	0
	Sum of Numbertrucked	173				5	178
	Sum of SampleMorts	1				0	1
	Sum of FacilityMorts	1				0	1
	Sum of ResearchMorts	0				0	0
	Sum of TotalProjectMorts	2				0	2
LMN	Sum of NumberCollected	149				1	150
	Sum of NumberBarged	0				0	0
	Sum of NumberBypassed	0				0	0
	Sum of Numbertrucked	158				1	159
	Sum of SampleMorts	1				0	1
	Sum of FacilityMorts	0				0	0
	Sum of ResearchMorts	0				0	0
	Sum of TotalProjectMorts	1				0	1
Total Sum of NumberCollected		589	62	5	8	8	672
Total Sum of NumberBarged		0	0	0	0	0	0
Total Sum of NumberBypassed		0	0	0	0	0	0
Total Sum of Numbertrucked		598	63	5	8	8	682
Total Sum of SampleMorts		10	0	0	0	0	10
Total Sum of FacilityMorts		1	0	0	0	0	1
Total Sum of ResearchMorts		0	0	0	0	0	0
Total Sum of TotalProjectMorts		11	0	0	0	0	11

YTD Transportation Summary

Source: Fish Passage Center

Updated:

10/7/05 11:53 AM

TO: 10/07/05

		Species					
Site	Data	CH0	CH1	CO	SO	ST	Grand Total
LGR	Sum of NumberCollected	1,576,044	5,537,449	286,018	31,638	5,590,785	13,021,934
	Sum of NumberBarged	1,546,272	5,235,734	257,640	30,286	5,094,008	12,163,940
	Sum of NumberBypassed	13,114	278,605	26,286	490	448,422	766,917
	Sum of NumberTrucked	4,090	8,948	882	504	43,021	57,445
	Sum of SampleMorts	477	453	16	16	72	1,034
	Sum of FacilityMorts	11,998	13,606	1,194	342	5,260	32,400
	Sum of ResearchMorts	93	103	0	0	2	198
	Sum of TotalProjectMorts	12,568	14,162	1,210	358	5,334	33,632
LGS	Sum of NumberCollected	1,195,690	2,451,015	185,964	38,767	2,857,091	6,728,527
	Sum of NumberBarged	1,135,687	2,015,575	151,226	37,716	2,276,699	5,616,903
	Sum of NumberBypassed	50,486	428,573	34,636	938	571,467	1,086,100
	Sum of NumberTrucked	5,965	252	16	48	451	6,732
	Sum of SampleMorts	251	128	12	6	74	471
	Sum of FacilityMorts	3,170	6,467	75	59	8,396	18,167
	Sum of ResearchMorts	0	20	0	0	0	20
	Sum of TotalProjectMorts	3,421	6,615	87	65	8,470	18,658
LMN	Sum of NumberCollected	177,812	670,864	21,563	7,346	614,133	1,491,718
	Sum of NumberBarged	168,777	512,012	17,036	7,156	456,619	1,161,600
	Sum of NumberBypassed	7,510	145,571	4,521	99	154,901	312,602
	Sum of NumberTrucked	1,064	12,717	4	62	2,259	16,106
	Sum of SampleMorts	145	40	0	3	26	214
	Sum of FacilityMorts	316	524	2	26	328	1,196
	Sum of ResearchMorts	0	0	0	0	0	0
	Sum of TotalProjectMorts	461	564	2	29	354	1,410
MCN	Sum of NumberCollected	4,169,117	718,260	60,522	60,174	119,228	5,127,301
	Sum of NumberBarged	2,877,055	17,125	931	1,075	5,462	2,901,648
	Sum of NumberBypassed	1,240,750	698,213	59,402	58,689	113,376	2,170,430
	Sum of NumberTrucked	25,935	0	2	28	4	25,969
	Sum of SampleMorts	801	117	8	18	8	952
	Sum of FacilityMorts	24,442	2,729	173	352	375	28,071
	Sum of ResearchMorts	134	76	6	12	3	231
	Sum of TotalProjectMorts	25,377	2,922	187	382	386	29,254
Total Sum of NumberCollected		7,118,663	9,377,588	554,067	137,925	9,181,237	26,369,480
Total Sum of NumberBarged		5,727,791	7,780,446	426,833	76,233	7,832,788	21,844,091
Total Sum of NumberBypassed		1,311,860	1,550,962	124,845	60,216	1,288,166	4,336,049
Total Sum of NumberTrucked		37,054	21,917	904	642	45,735	106,252
Total Sum of SampleMorts		1,674	738	36	43	180	2,671
Total Sum of FacilityMorts		39,926	23,326	1,444	779	14,359	79,834
Total Sum of ResearchMorts		227	199	6	12	5	449
Total Sum of TotalProjectMorts		41,827	24,263	1,486	834	14,544	82,954

Cumulative Adult Passage at Mainstem Dams Through: 10/06

DAM	Spring Chinook						Summer Chinook						Fall Chinook					
	2005		2004		10-Yr Avg.		2005		2004		10-Yr Avg.		2005		2004		10-Yr Avg.	
	Adult	Jack	Adult	Jack	Adult	Jack	Adult	Jack	Adult	Jack	Adult	Jack	Adult	Jack	Adult	Jack	Adult	Jack
BON	74,038	4,288	170,152	8,885	145,297	8,221	78,373	4,467	92,143	12,889	54,750	7,484	401,442	19,449	562,845	37,008	319,299	36,811
TDA	60,956	3,209	130,240	7,717	99,119	5,946	69,436	3,481	79,495	8,430	47,296	5,446	222,545	16,822	285,501	30,941	164,282	26,154
JDA	55,877	2,715	112,153	6,367	82,666	4,703	63,589	5,358	72,518	10,542	44,153	5,186	170,773	13,413	201,818	29,098	118,650	21,624
MCN	51,855	3,201	107,497	7,682	76,092	4,941	63,780	3,081	65,457	8,760	43,906	5,144	122,199	11,692	155,410	22,018	94,463	17,742
IHR	28,039	1,267	77,106	4,646	51,680	3,159	8,837	983	13,173	3,012	10,235	1,807	13,736	3,695	19,989	10,460	8,952	4,913
LMN	25,933	1,002	71,578	3,785	49,507	2,979	8,347	802	10,593	2,196	9,755	1,500	12,047	2,406	18,672	5,322	7,592	3,818
LGS	23,995	923	62,458	3,404	47,589	3,042	6,970	974	9,304	2,263	8,528	1,742	10,380	1,800	16,596	4,851	6,198	2,639
LGR	26,028	1,258	70,742	4,482	47,410	3,274	6,736	1,078	8,767	2,510	8,638	1,901	10,177	2,546	13,120	6,441	5,176	2,982
PRD	14,148	515	13,521	1,020	15,454	477	61,227	1,898	67,060	5,613	39,202	1,885	20,050	299	35,232	3,347	22,496	2,790
RIS	11,908	504	10,918	958	12,149	699	54,033	2,443	62,311	4,834	36,079	4,459	6,530	598	12,741	1,780	7,781	1,826
RRH	4,568	417	4,365	734	4,426	242	42,348	2,261	41,532	8,093	26,362	2,921	3,555	506	6,981	1,259	4,898	1,430
WEL	4,897	99	4,615	178	3,006	190	31,038	697	31,474	1,373	19,609	1,386	2,028	332	4,415	474	2,243	524
WFA	35,453	1,180	96,319	757	n/a	n/a	---	---	---	---	---	---	892	73	670	116	n/a	n/a

DAM	Coho						Sockeye			Steelhead			
	2005		2004		10-Yr Avg.		10-Yr		10-Yr			Wild	
	Adult	Jack	Adult	Jack	Adult	Jack	2005	2004	Avg.	2005	2004	Avg.	2005
BON	68,525	4,509	91,864	4,333	65,547	4,079	72,449	123,286	53,716	299,960	300,742	303,202	85,458
TDA	28,896	2,071	29,225	1,756	15,215	1,645	65,017	107,466	44,480	219,346	222,782	216,910	66,952
JDA	28,215	3,071	24,766	2,009	11,719	1,447	69,077	113,496	48,145	201,865	207,666	199,200	59,168
MCN	13,312	1,005	14,668	966	5,732	583	63,542	89,707	41,398	175,627	177,682	149,699	47,116
IHR	828	25	2,375	29	407	17	18	91	24	112,223	147,831	109,807	25,719
LMN	1,065	11	2,253	117	288	20	17	80	28	108,076	122,967	99,922	26,257
LGS	932	70	1,849	104	221	4	14	81	32	94,710	112,686	86,241	20,805
LGR	822	49	2,113	75	275	13	17	113	32	90,855	111,101	84,523	22,045
PRD	629	61	3,663	689	1,064	166	74,559	124,943	52,082	11,002	18,066	12,106	n/a
RIS	2,371	0	3,036	0	999	0	71,221	106,665	47,462	11,371	18,467	11,161	5,929
RRH	311	0	399	0	111	0	55,567	81,336	32,418	8,739	13,211	8,240	3,852
WEL	23	0	69	0	2	0	54,678	78,047	31,671	5,642	8,207	5,755	2,192
WFA	633	201	2,271	497	n/a	n/a	0	0	n/a	19,438	44,417	n/a	n/a

WFA is through 09/30; PRD, RIS, RRH, and WEL are through 10/05.

PRD is missing 8/10 to 8/14, 8/23, 09/09.

On July 2 a shad was seen at RRH.

*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: 10/07/05

BON counts from January 1, 2005 to March 14, 2005 (our traditional counts begin March 15):

Chinook Adult	Chinook Jack	Steelhead	Wild Steelhead
15	0	256	-74

Run Year counts (June 1, 2005 to May 31, 2006) for Lower Granite:

Steelhead
85,992