



Fish Passage Center Weekly Report #07 - 31

October 19, 2007

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Summary of Events:

Water Supply: Precipitation throughout the Columbia Basin varied between 57% and 193% of average at individual sub-basins over the first fifteen days of Water Year 2008 (began October 1, 2007). Over the beginning of the new water year, precipitation above The Dalles has been 130% of average. Over the entire 2007 Water Year, precipitation varied between 73% and 101% of average at individual sub-basins.

Table 1. Summary of early WY 2008 precipitation and total WY 2007 precipitation with respect to average (1971-2000), at select locations within the Columbia and Snake River Basins.

Location	Water Year 2008 October 1-15		Water Year 2007 October 1, 2006 to September, 2007	
	Observed (inches)	% Average	Observed (inches)	% Average
Columbia Above Coulee	1.35	151	25.13	98
Snake River Above Ice Harbor	0.71	122	14.13	79
Columbia Above The Dalles	1.05	130	22.06	94
Kootenai	1.61	180	26.09	99
Clark Fork	0.75	132	17.3	97
Flathead	1.06	131	21.3	90
Pend Oreille/Spokane	1.32	128	26.53	85
Central Washington	0.17	57	8.04	88
Snake River Plain	0.80	193	8.44	73
Salmon/Boise/Payette	0.49	81	15.93	79
Clearwater	1.06	101	27.35	88
SW Washington Cascades/Cowlitz	2.86	107	68.47	96
Willamette Valley	1.88	91	60.28	101

Grand Coulee drafted 0.9 feet last week, ending October 18th at 1286.4 feet. Outflows at Grand Coulee ranged between 51.6 and 71.7 Kcfs last week. It should be noted that inflows to Grand Coulee are less than usual due to a Non-power Uses Agreement between BPA and BC Hydro that has stored extra water in Canada over September and October for release during the Chum period between November and March.

Dworshak is currently at an elevation of 1517.5 feet (10-18-07) and drafted 0.6 feet last week. Outflows at Dworshak are currently 1.5 Kcfs.

The Libby Reservoir is currently at elevation 2434.9 feet (10-18-07) and held steady last week. Outflows at Libby have been 4.5 Kcfs.

Hungry Horse is currently at an elevation of 3533.9 feet (10-18-07) and drafted 0.8 feet last week. Outflows at Hungry Horse have been 1.9 Kcfs last week.

The Brownlee Reservoir was at an elevation of 2048.8 feet on October 18th, 2007, refilling 1.6 feet last week. Outflows at Brownlee Dam have been 7.0 to 12.0 Kcfs over the last week.

Smolt Monitoring: Monitoring continues at three SMP sites. Subyearling indices were up at Snake River sites, Little Goose and Lower Granite, while at Bonneville indices were down. Few spring migrants are being seen at SMP sites now.

At Lower Granite Dam, there was a increase in the average subyearling passage index, over the past two weeks with the average daily index at 115 per day compared to 15 per day the prior two weeks. Indices of subyearling Chinook at Bonneville Dam, averaged 40 per day over the past two weeks, compared to about 150 per day over the previous two weeks.

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. Releases totaling approximately 225,000 spring Chinook pre-smolts to tributaries of the Clearwater River were scheduled to end this week. Of these, approximately 67% were scheduled for release into Lolo Creek, with the remaining 33% scheduled for release into Newsome Creek. These spring Chinook pre-smolts are not expected to out-migrate until spring 2008.

There are no scheduled releases of juvenile salmonids into this zone over the next two weeks.

Mid-Columbia Zone: The Mid-Columbia Zone encompasses the area of the Columbia River and its tributaries from McNary Dam to Chief Joseph Dam. There were no scheduled releases of juvenile salmonids into this zone this week. Approximately 200,000 sockeye juveniles are scheduled for release into Lake Wenatchee in early November. These sockeye juveniles are not expected to out-migrate until spring 2008. There are no other scheduled releases in this zone over the next two weeks.

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

Adult Fish Passage: As of October 18th, 154,663 fall Chinook adults and 51,261 jacks have passed Bonneville Dam. This season, the 2007 Bonneville adult fall Chinook count is about 53.1 percent of the 2006 count and is about 43.1 percent of the 10-year average. The 2007 Bonneville jack fall Chinook count is about 2 times greater than the 2006 count and about 1.38 times greater than the 10-year average. Daily counts for adult fall Chinook at The Dalles Dam ranged from 349 to 825 at The Dalles Dam as of October 18th, with a total count of 91,358. Daily fall Chinook counts at Rock Island Dam ranged between 16 and 53 with a

total of 3,428 for the season. In the upper Columbia, the 2007 Rock Island adult fall Chinook is about 65.7 percent of the 2006 count and about 37.9 percent of the 10-year average. In the Snake River at Ice Harbor Dam, the 2007 adult fall Chinook count of 13,120 is about 1.31 times greater than the 2006 count and 1.16 times greater than the 10-year average. In addition, the 2007 fall Chinook jack count at Ice Harbor Dam of 9,413 is about 1.41 times greater than the 2006 count and about 1.46 times greater than the 10-year average. At Lower Granite Dam, the 2007 adult fall Chinook count of 9,647 is about 1.24 times greater than the 2006 count and about 1.30 times greater than the 10-year average.

The 2007 steelhead count at Bonneville Dam was 316,933 as of October 18th. This season, the 2007 Bonneville steelhead count is about 97 percent of the 2006 count and is about 95.6 percent of the 10-year average. The daily steelhead counts at The Dalles Dam ranged between 476 and 866 for the week with the cumulative count of 236,748. About 74.7 percent of the steelhead counted at Bonneville has passed The Dalles Dam. The majority of the 195,121 steelhead counted at McNary Dam have moved up into the Snake River with the cumulative count at Ice Harbor now at 142,873 for the season. The 2007 Ice Harbor steelhead count is about 1.26 times greater than the 2006 count and 1.05 times greater than the 10-year average. The cumulative count at Priest Rapids Dam, in the upper Columbia, was 14,332 for the season as of October 13th. The 2007 steelhead count at Priest Rapids is about 1.41 times greater than the 2006 count and 1.07 times greater than the 10-year average. At Rock Island Dam, the 2007 adult steelhead count of 12,726 is about 1.39 times greater than the 2006 count and about 99.5 percent of the 10-year average.

The coho salmon run at Bonneville has been increasing over the last week with 75,148 adults and 3,464 jacks to date. To date, the 2007 Bonneville coho count is about 82.3 percent of the 2006 count and 83.6 percent of the 10-year average. At McNary Dam, the 2007 coho count of 17,994 is about 1.81 times greater than the 2006

count and 1.84 times greater than the 10-year average. The 2007 coho jack count at McNary Dam of 2,136 is about 2.07 times greater than the 2006 count and about 2.51 times greater than the 10-year average. At Priest Rapids Dam the 2007 coho count of 6,497 is about 3.06 times greater than the 2006 count and 4.1 times greater than the 10-year average. In the Snake River at Ice Harbor Dam, the 2007 coho count of 1,693 is about 2.51 times greater than the 2006 count and about 2.30 times greater than the 10-year average.

Hatchery Release Last Two Weeks

Hatchery Release Summary

From: 10/5/2007 to 10/18/07

Agency	Hatchery	Species	Race	MigYr	NumRel	RelStart	RelEnd	RelSite	RelRiver
Nez Perce Tribe	Nez Perce Tribal Hatchery	CH0	SP	2008	75,000	10-03-07	10-17-07	Newsome Creek	S Fk Clearwater River
Nez Perce Tribe	Nez Perce Tribal Hatchery	CH0	SP	2008	150,000	10-02-07	10-16-07	Lolo Creek	Clearwater River M F
Nez Perce Tribe									
Total					225,000				
Grand Total					225,000				

Hatchery Release Next Two Weeks

Hatchery Release Summary

From: 10/19/2007 to 11/1/2007

Agency	Hatchery	Species	Race	MigYr	NumRel	RelStart	RelEnd	RelSite	RelRiver
Washington Dept. of Fish and Wildlife	Eastbank Hatchery	SO	UN	2008	100,000	11-01-07	11-16-07	Lake Wenatchee	Wenatchee River
Washington Dept. of Fish and Wildlife	Eastbank Hatchery	SO	UN	2008	100,000	11-01-07	11-16-07	Lake Wenatchee	Wenatchee River
Washington Dept. of Fish and Wildlife Total					200,000				
Grand Total					200,000				

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
10/05/07	62.3	0.0	65.7	0.0	70.4	0.0	73.1	0.0	74.2	0.0	79.3	1.8	72.6	1.5
10/06/07	42.0	0.0	37.1	0.0	35.4	0.0	35.6	0.0	38.6	0.0	41.3	1.5	49.7	0.9
10/07/07	37.1	0.0	38.3	0.0	39.0	0.0	40.2	0.0	41.9	0.0	51.0	1.6	39.1	0.5
10/08/07	68.8	0.0	77.1	0.0	76.9	0.0	74.2	0.0	75.4	0.0	61.1	1.6	62.1	1.3
10/09/07	74.9	0.0	67.8	0.0	70.5	0.0	73.3	0.0	73.5	0.0	86.5	1.7	81.1	1.4
10/10/07	67.1	0.0	74.2	0.0	73.5	0.0	72.5	0.0	76.0	0.0	75.7	1.7	74.8	1.0
10/11/07	70.7	0.0	70.5	0.0	72.9	0.0	73.1	0.0	74.6	0.0	93.4	1.4	89.6	0.9
10/12/07	61.3	0.0	67.2	0.0	67.3	0.1	65.0	0.0	65.7	0.0	69.1	1.2	71.9	0.7
10/13/07	53.5	0.0	46.3	0.0	47.7	0.0	46.3	0.0	48.6	0.0	62.4	1.2	65.9	0.7
10/14/07	51.6	0.0	51.0	0.0	53.5	0.0	54.4	0.0	55.0	0.0	56.2	1.1	51.4	0.7
10/15/07	71.7	0.0	74.3	0.0	75.0	0.0	75.5	0.0	76.7	0.0	68.1	1.2	62.8	0.8
10/16/07	69.4	0.0	70.2	0.0	71.7	0.0	71.0	0.0	72.7	0.0	64.5	1.6	64.8	0.8
10/17/07	69.9	0.0	65.2	0.0	65.9	0.0	66.1	0.0	68.7	0.0	88.6	1.7	85.3	0.9
10/18/07	57.4	0.0	63.2	0.0	66.9	0.0	71.5	0.0	72.7	0.0	72.6	1.3	69.1	0.7

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

Date	Dworshak		Brownlee Canyon		Hells Granite		Lower Granite		Little Goose		Lower Monumental		Ice Harbor	
	Flow	Spill	Inflow	Outflow	Flow	Spill	Flow	Spill	Flow	Spill	Flow	Spill	Flow	Spill
10/05/07	1.5	0.0	11.2	11.0	16.3	0.0	15.0	0.0	16.0	0.0	13.3	0.0		
10/06/07	1.5	0.0	11.0	11.7	19.9	0.0	18.7	0.0	20.3	0.0	21.8	0.0		
10/07/07	1.5	0.0	11.2	10.4	19.2	0.0	17.9	0.0	18.5	0.0	16.1	0.0		
10/08/07	1.5	0.0	11.1	13.1	19.1	0.0	18.4	0.0	19.1	0.0	19.7	0.0		
10/09/07	1.5	0.2	11.8	13.6	20.2	0.3	19.9	0.0	21.9	0.0	22.0	0.0		
10/10/07	1.5	0.0	11.5	14.9	23.8	0.0	22.1	0.0	22.1	0.0	20.1	0.0		
10/11/07	1.5	0.0	11.9	14.4	26.8	0.0	25.2	0.0	25.8	0.0	24.2	0.0		
10/12/07	1.5	0.0	10.4	12.0	17.3	0.8	16.1	0.0	16.5	0.0	16.7	0.0		
10/13/07	1.5	0.0	10.5	12.7	19.0	0.0	18.8	0.0	20.1	0.0	20.5	0.0		
10/14/07	1.5	0.0	10.7	8.6	18.5	0.0	16.6	0.0	18.2	0.0	16.8	0.0		
10/15/07	2.0	0.0	10.5	8.6	14.8	0.0	16.6	0.0	18.0	0.0	18.8	0.0		
10/16/07	1.5	0.0	10.7	8.6	17.2	0.0	15.5	0.0	14.7	0.0	13.9	0.0		
10/17/07	1.5	0.0	10.6	8.6	19.3	0.0	17.8	0.0	18.9	0.0	17.2	0.0		
10/18/07	1.5	0.0	---	---	19.5	0.0	19.3	0.0	19.7	0.0	19.6	0.0		

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

Date	McNary		John Day		The Dalles		Bonneville			
	Flow	Spill	Flow	Spill	Flow	Spill	Flow	Spill	PH1	PH2
10/05/07	90.7	0.0	89.0	0.7	90.9	0.0	100.4	1.3	12.4	80.1
10/06/07	85.6	0.0	85.9	0.7	87.9	0.0	90.5	1.2	6.1	76.6
10/07/07	64.8	0.0	63.5	0.8	64.5	0.0	79.6	1.3	2.5	69.3
10/08/07	74.9	0.0	79.5	0.9	81.3	0.0	89.1	1.4	1.4	79.7
10/09/07	103.5	0.0	96.9	0.8	98.5	0.0	103.7	1.3	18.8	77.1
10/10/07	100.5	0.0	95.5	0.8	95.9	0.0	103.9	1.3	18.5	77.5
10/11/07	101.1	0.0	104.6	0.7	107.1	0.0	109.6	1.4	15.1	86.6
10/12/07	105.1	0.0	108.2	0.7	110.8	0.0	116.5	1.3	11.7	96.9
10/13/07	89.2	0.0	89.7	0.8	90.9	0.0	104.2	1.3	3.9	92.3
10/14/07	75.8	0.0	78.2	0.8	79.3	0.0	83.9	1.2	0.0	76.1
10/15/07	84.0	0.0	78.8	0.7	79.7	0.0	82.5	1.3	0.0	74.6
10/16/07	86.4	0.0	87.3	0.7	89.7	0.0	98.8	1.3	9.3	81.6
10/17/07	88.1	0.0	81.7	0.8	83.0	0.0	90.2	1.3	3.0	79.4
10/18/07	112.4	0.0	120.1	0.8	122.5	0.0	137.0	1.4	43.2	85.8

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>			<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>	<u>High</u>	
10/5	---	---	---	0	102	102	103	24	101	101	101	24	98	98	99	24	99	100	100	24
10/6	---	---	---	0	101	102	103	24	100	100	100	24	98	99	100	24	99	99	99	24
10/7	---	---	---	0	101	102	104	24	100	101	101	24	99	99	101	24	99	99	100	24
10/8	---	---	---	0	101	102	103	24	100	100	100	24	98	99	100	24	99	99	99	24
10/9	---	---	---	0	102	102	103	24	101	101	101	24	99	100	101	24	99	100	100	24
10/10	---	---	---	0	102	102	103	24	101	101	101	24	99	100	102	24	100	100	100	24
10/11	---	---	---	0	101	102	102	24	100	100	100	24	98	99	99	24	100	100	101	24
10/12	---	---	---	0	102	102	103	24	100	100	100	24	99	99	100	24	100	100	100	24
10/13	---	---	---	0	101	101	102	24	100	100	100	24	98	99	100	24	99	99	100	24
10/14	---	---	---	0	101	102	103	24	100	100	100	24	99	99	100	24	99	100	100	24
10/15	---	---	---	0	102	102	103	24	100	101	101	24	100	100	101	24	100	101	101	24
10/16	---	---	---	0	102	103	104	24	101	101	101	24	100	100	101	24	100	100	101	24
10/17	---	---	---	0	102	102	102	24	100	101	101	24	99	99	100	24	100	100	100	24
10/18	---	---	---	0	102	102	103	24	100	101	101	24	99	99	100	24	100	100	101	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>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>	<u>High</u>	
10/5	100	101	102	24	---	---	---	0	---	---	---	0	100	100	100	24	100	100	100	24
10/6	100	100	101	24	---	---	---	0	---	---	---	0	100	100	100	24	100	100	100	24
10/7	100	100	101	24	---	---	---	0	---	---	---	0	100	100	100	24	100	100	100	24
10/8	98	99	100	24	---	---	---	0	---	---	---	0	100	100	100	14	100	100	100	14
10/9	99	99	100	24	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/10	100	101	102	24	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/11	100	100	101	24	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/12	99	100	100	24	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/13	100	101	102	24	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/14	100	101	103	24	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/15	101	101	102	24	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/16	100	101	101	24	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/17	99	100	101	24	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/18	100	101	102	24	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0

Total Dissolved Gas Saturation at Mid Columbia River Sites

Date	<u>Rock Island</u>			#	<u>Rock I. Tlwr</u>			#	<u>Wanapum</u>			#	<u>Wanapum Tlwr</u>			#	<u>Priest Rapids</u>			#
	<u>24 h</u>	<u>12 h</u>			<u>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>	<u>High</u>	
10/5	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/6	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/7	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/8	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/9	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/10	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/11	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/12	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/13	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/14	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/15	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/16	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/17	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
10/18	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0

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

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

Date	Priest R. Dnst				Pasco				Dworshak				Clrwtr-Peck				Anatone			
	24 h		12 h		#	24 h		12 h		#	24 h		12 h		#	24 h		12 h		#
	Avg	Avg	High	hr		Avg	Avg	High	hr		Avg	Avg	High	hr		Avg	Avg	High	hr	
10/5	---	---	---	0	---	---	---	0	106	106	107	24	---	---	---	0	---	---	---	0
10/6	---	---	---	0	---	---	---	0	106	106	107	24	---	---	---	0	---	---	---	0
10/7	---	---	---	0	---	---	---	0	106	106	107	24	---	---	---	0	---	---	---	0
10/8	---	---	---	0	---	---	---	0	106	107	108	24	---	---	---	0	---	---	---	0
10/9	---	---	---	0	---	---	---	0	107	107	108	24	---	---	---	0	---	---	---	0
10/10	---	---	---	0	---	---	---	0	106	107	107	24	---	---	---	0	---	---	---	0
10/11	---	---	---	0	---	---	---	0	108	111	113	24	---	---	---	0	---	---	---	0
10/12	---	---	---	0	---	---	---	0	107	108	109	24	---	---	---	0	---	---	---	0
10/13	---	---	---	0	---	---	---	0	106	107	108	24	---	---	---	0	---	---	---	0
10/14	---	---	---	0	---	---	---	0	106	107	108	24	---	---	---	0	---	---	---	0
10/15	---	---	---	0	---	---	---	0	105	106	107	24	---	---	---	0	---	---	---	0
10/16	---	---	---	0	---	---	---	0	103	104	105	24	---	---	---	0	---	---	---	0
10/17	---	---	---	0	---	---	---	0	101	102	102	24	---	---	---	0	---	---	---	0
10/18	---	---	---	0	---	---	---	0	101	102	102	24	---	---	---	0	---	---	---	0

Total Dissolved Gas Saturation Data at Snake River Sites

Date	Clrwtr-Lewiston				Lower Granite				L. Granite Tlwr				Little Goose				L. Goose Tlwr			
	24 h		12 h		#	24 h		12 h		#	24 h		12 h		#	24 h		12 h		#
	Avg	Avg	High	hr		Avg	Avg	High	hr		Avg	Avg	High	hr		Avg	Avg	High	hr	
10/5	---	---	---	0	---	---	---	0	96	97	98	24	---	---	---	0	96	96	97	23
10/6	---	---	---	0	---	---	---	0	96	96	96	24	---	---	---	0	96	96	96	23
10/7	---	---	---	0	---	---	---	0	96	96	97	24	---	---	---	0	96	96	97	24
10/8	---	---	---	0	---	---	---	0	96	97	97	24	---	---	---	0	96	96	97	24
10/9	---	---	---	0	---	---	---	0	97	98	101	24	---	---	---	0	97	97	98	24
10/10	---	---	---	0	---	---	---	0	97	98	99	23	---	---	---	0	97	97	97	24
10/11	---	---	---	0	---	---	---	0	99	99	108	11	---	---	---	0	96	97	97	24
10/12	---	---	---	0	---	---	---	0	99	100	103	24	---	---	---	0	97	97	97	24
10/13	---	---	---	0	---	---	---	0	97	97	98	24	---	---	---	0	96	96	97	24
10/14	---	---	---	0	---	---	---	0	98	98	99	24	---	---	---	0	96	96	97	23
10/15	---	---	---	0	---	---	---	0	99	99	100	24	---	---	---	0	97	97	98	23
10/16	---	---	---	0	---	---	---	0	100	101	102	24	---	---	---	0	97	97	98	23
10/17	---	---	---	0	---	---	---	0	99	99	100	24	---	---	---	0	96	97	97	24
10/18	---	---	---	0	---	---	---	0	98	99	100	24	---	---	---	0	96	96	97	24

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

Date	Lower Mon.				L. Mon. Tlwr				Ice Harbor				Ice Harbor Tlwr				McNary-Oregon			
	24 h		12 h		#	24 h		12 h		#	24 h		12 h		#	24 h		12 h		#
	Avg	Avg	High	hr		Avg	Avg	High	hr		Avg	Avg	High	hr		Avg	Avg	High	hr	
10/5	---	---	---	0	96	97	98	24	---	---	---	0	98	98	100	24	---	---	---	0
10/6	---	---	---	0	96	96	96	24	---	---	---	0	97	97	98	24	---	---	---	0
10/7	---	---	---	0	97	97	98	24	---	---	---	0	98	99	100	24	---	---	---	0
10/8	---	---	---	0	97	97	98	24	---	---	---	0	98	99	99	24	---	---	---	0
10/9	---	---	---	0	98	98	99	24	---	---	---	0	99	99	99	24	---	---	---	0
10/10	---	---	---	0	97	98	99	24	---	---	---	0	98	99	99	24	---	---	---	0
10/11	---	---	---	0	97	98	99	24	---	---	---	0	98	99	99	24	---	---	---	0
10/12	---	---	---	0	98	98	99	24	---	---	---	0	99	99	100	24	---	---	---	0
10/13	---	---	---	0	97	97	98	24	---	---	---	0	98	99	100	24	---	---	---	0
10/14	---	---	---	0	97	97	99	24	---	---	---	0	98	99	101	24	---	---	---	0
10/15	---	---	---	0	97	97	98	24	---	---	---	0	99	99	100	24	---	---	---	0
10/16	---	---	---	0	98	98	99	24	---	---	---	0	99	100	101	24	---	---	---	0
10/17	---	---	---	0	97	97	98	24	---	---	---	0	98	99	100	24	---	---	---	0
10/18	---	---	---	0	97	98	99	24	---	---	---	0	98	99	100	24	---	---	---	0

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

Total Dissolved Gas Saturation Data at Lower Columbia River Sites

Date	<u>McNary-Wash</u>			<u>McNary Tlwr</u>			<u>John Day</u>			<u>John Day Tlwr</u>			<u>The Dalles</u>							
	<u>24 h</u>	<u>12 h</u>	#	<u>24 h</u>	<u>12 h</u>	#	<u>24h</u>	<u>12h</u>	#	<u>24h</u>	<u>12h</u>	#	<u>24h</u>	<u>12h</u>	#					
	Avg	Avg		High	Avg		Avg	High		Avg	Avg		High	Avg		AVG	High			
10/5	---	---	---	0	98	98	98	24	---	---	---	0	99	100	101	24	98	98	98	8
10/6	---	---	---	0	98	98	98	24	---	---	---	0	99	100	100	24	---	---	---	0
10/7	---	---	---	0	98	98	99	24	---	---	---	0	100	101	101	24	---	---	---	0
10/8	---	---	---	0	99	99	99	24	---	---	---	0	100	101	101	24	---	---	---	0
10/9	---	---	---	0	100	100	100	24	---	---	---	0	100	101	102	24	---	---	---	0
10/10	---	---	---	0	99	100	100	24	---	---	---	0	100	100	100	24	---	---	---	0
10/11	---	---	---	0	99	99	99	24	---	---	---	0	99	99	100	24	---	---	---	0
10/12	---	---	---	0	99	100	100	24	---	---	---	0	99	100	100	24	---	---	---	0
10/13	---	---	---	0	99	100	100	24	---	---	---	0	99	100	100	24	---	---	---	0
10/14	---	---	---	0	100	100	101	24	---	---	---	0	100	101	102	24	---	---	---	0
10/15	---	---	---	0	100	100	101	24	---	---	---	0	101	101	102	24	---	---	---	0
10/16	---	---	---	0	100	100	101	24	---	---	---	0	100	100	101	24	---	---	---	0
10/17	---	---	---	0	100	100	100	24	---	---	---	0	100	100	100	24	---	---	---	0
10/18	---	---	---	0	100	100	100	24	---	---	---	0	100	100	100	24	---	---	---	0

Total Dissolved Gas Saturation Data at Lower Columbia River Sites

Date	<u>The Dalles Dnst</u>			<u>Bonneville</u>			<u>Warrendale</u>			<u>Camas\Washougal</u>			<u>Cascade Island</u>							
	<u>24 h</u>	<u>12 h</u>	#	<u>24 h</u>	<u>12 h</u>	#	<u>24h</u>	<u>12h</u>	#	<u>24h</u>	<u>12h</u>	#	<u>24h</u>	<u>12h</u>	#					
	Avg	Avg		High	Avg		Avg	High		Avg	Avg		High	Avg		AVG	High			
10/5	100	100	100	24	---	---	---	0	101	101	102	24	---	---	---	0	112	113	117	13
10/6	100	100	100	24	---	---	---	0	101	101	102	24	---	---	---	0	---	---	---	0
10/7	101	102	102	24	---	---	---	0	101	101	102	24	---	---	---	0	---	---	---	0
10/8	101	102	102	24	---	---	---	0	101	102	102	24	---	---	---	0	---	---	---	0
10/9	101	102	102	24	---	---	---	0	102	102	103	24	---	---	---	0	---	---	---	0
10/10	101	101	101	24	---	---	---	0	101	102	102	24	---	---	---	0	---	---	---	0
10/11	100	100	100	24	---	---	---	0	102	103	103	24	---	---	---	0	---	---	---	0
10/12	101	101	101	24	---	---	---	0	102	102	103	24	---	---	---	0	---	---	---	0
10/13	100	101	101	24	---	---	---	0	101	102	102	24	---	---	---	0	---	---	---	0
10/14	101	101	102	24	---	---	---	0	102	102	103	24	---	---	---	0	---	---	---	0
10/15	102	102	102	24	---	---	---	0	102	102	103	24	---	---	---	0	---	---	---	0
10/16	102	102	102	24	---	---	---	0	102	103	104	24	---	---	---	0	---	---	---	0
10/17	101	101	102	24	---	---	---	0	101	102	102	24	---	---	---	0	---	---	---	0
10/18	101	101	101	24	---	---	---	0	101	102	102	24	---	---	---	0	---	---	---	0

Two-Week Summary of Passage Indices

* One or more of the sites on this date had an incomplete or biased sample.

See Sampling Comments: <http://www.fpc.org/currentDaily/smpcomments.htm>

For clip information see: <http://www.fpc.org/CurrentDaily/catch.htm>

For sockeye and yearling chinook (Snake only) race information see: <http://www.fpc.org/smoltqueries/currentsmpsubmitdata.asp>

COMBINED YEARLING CHINOOK											
Date	WTB (Coll)	IMN (Coll)	GRN (Coll)	LEW (Coll)	LGR (INDEX)	LGS (INDEX)	LMN (INDEX)	RIS (INDEX)	MCN (INDEX)	JDA (INDEX)	BO2 (INDEX)
10/05/2007	---	---	---	---	3	0	---	---	---	---	0
10/06/2007	---	---	---	---	2	0	---	---	---	---	0
10/07/2007	---	---	---	---	3	0	---	---	---	---	0
10/08/2007	---	---	---	---	2	0	---	---	---	---	0
10/09/2007	---	---	---	---	6	0	---	---	---	---	0
10/10/2007	---	---	---	---	7	0	---	---	---	---	0
10/11/2007	---	---	---	---	9	0	---	---	---	---	0
10/12/2007	---	---	---	---	7	0	---	---	---	---	0
10/13/2007	---	---	---	---	16	0	---	---	---	---	0
10/14/2007	---	---	---	---	5	0	---	---	---	---	0
10/15/2007	---	---	---	---	4	0	---	---	---	---	0
10/16/2007	---	---	---	---	2	0	---	---	---	---	0
10/17/2007	---	---	---	---	5	---	---	---	---	---	0
10/18/2007	---	---	---	---	---	0	---	---	---	---	0
10/19/2007	---	---	---	---	---	---	---	---	---	---	---
<hr/>											
Total:	0	0	0	0	71	0	0	0	0	0	0
# Days:	0	0	0	0	13	13	0	0	0	0	14
Average:	0	0	0	0	5	0	0	0	0	0	0
YTD	43,491	86,299	15,108	6,553	2,247,649	637,792	355,612	23,769	2,224,857	4,262,628	1,949,995

COMBINED SUBYEARLING CHINOOK											
Date	WTB (Coll)	IMN (Coll)	GRN (Coll)	LEW (Coll)	LGR (INDEX)	LGS (INDEX)	LMN (INDEX)	RIS (INDEX)	MCN (INDEX)	JDA (INDEX)	BO2 (INDEX)
10/05/2007	---	---	---	---	38	15	---	---	---	---	139
10/06/2007	---	---	---	---	25	7	---	---	---	---	74
10/07/2007	---	---	---	---	41	28	---	---	---	---	39
10/08/2007	---	---	---	---	48	12	---	---	---	---	15
10/09/2007	---	---	---	---	204	25	---	---	---	---	78
10/10/2007	---	---	---	---	326	6	---	---	---	---	52
10/11/2007	---	---	---	---	214	27	---	---	---	---	50
10/12/2007	---	---	---	---	106	30	---	---	---	---	28
10/13/2007	---	---	---	---	97	22	---	---	---	---	51
10/14/2007	---	---	---	---	83	10	---	---	---	---	5
10/15/2007	---	---	---	---	91	21	---	---	---	---	31
10/16/2007	---	---	---	---	109	12	---	---	---	---	20
10/17/2007	---	---	---	---	115	---	---	---	---	---	23
10/18/2007	---	---	---	---	---	49	---	---	---	---	5
10/19/2007	---	---	---	---	---	---	---	---	---	---	---
<hr/>											
Total:	0	0	0	0	1,497	264	0	0	0	0	610
# Days:	0	0	0	0	13	13	0	0	0	0	14
Average:	0	0	0	0	115	20	0	0	0	0	44
YTD	0	83	90	255	330,126	437,746	78,577	15,746	4,723,357	3,006,181	4,072,055

Two-Week Summary of Passage Indices

Date	COMBINED COHO										
	WTB (Coll)	IMN (Coll)	GRN (Coll)	LEW (Coll)	LGR (INDEX)	LGS (INDEX)	LMN (INDEX)	RIS (INDEX)	MCN (INDEX)	JDA (INDEX)	BO2 (INDEX)
10/05/2007	---	---	---	---	0	1	---	---	---	---	0
10/06/2007	---	---	---	---	0	0	---	---	---	---	0
10/07/2007	---	---	---	---	1	0	---	---	---	---	0
10/08/2007	---	---	---	---	0	0	---	---	---	---	0
10/09/2007	---	---	---	---	1	0	---	---	---	---	0
10/10/2007	---	---	---	---	1	0	---	---	---	---	0
10/11/2007	---	---	---	---	1	0	---	---	---	---	0
10/12/2007	---	---	---	---	1	0	---	---	---	---	0
10/13/2007	---	---	---	---	0	0	---	---	---	---	0
10/14/2007	---	---	---	---	1	0	---	---	---	---	0
10/15/2007	---	---	---	---	0	1	---	---	---	---	0
10/16/2007	---	---	---	---	0	0	---	---	---	---	0
10/17/2007	---	---	---	---	1	---	---	---	---	---	0
10/18/2007	---	---	---	---	---	0	---	---	---	---	0
10/19/2007	---	---	---	---	---	---	---	---	---	---	---
<hr/>											
Total:	0	0	0	0	7	2	0	0	0	0	0
# Days:	0	0	0	0	13	13	0	0	0	0	14
Average:	0	0	0	0	1	0	0	0	0	0	0
YTD	0	0	0	57	50,741	55,685	18,050	64,420	99,127	347,366	628,455

Date	COMBINED STEELHEAD										
	WTB (Coll)	IMN (Coll)	GRN (Coll)	LEW (Coll)	LGR (INDEX)	LGS (INDEX)	LMN (INDEX)	RIS (INDEX)	MCN (INDEX)	JDA (INDEX)	BO2 (INDEX)
10/05/2007	---	---	---	---	0	3	---	---	---	---	0
10/06/2007	---	---	---	---	0	4	---	---	---	---	0
10/07/2007	---	---	---	---	0	6	---	---	---	---	0
10/08/2007	---	---	---	---	0	4	---	---	---	---	0
10/09/2007	---	---	---	---	0	10	---	---	---	---	0
10/10/2007	---	---	---	---	0	6	---	---	---	---	0
10/11/2007	---	---	---	---	1	5	---	---	---	---	0
10/12/2007	---	---	---	---	0	8	---	---	---	---	0
10/13/2007	---	---	---	---	0	6	---	---	---	---	0
10/14/2007	---	---	---	---	0	3	---	---	---	---	0
10/15/2007	---	---	---	---	0	7	---	---	---	---	0
10/16/2007	---	---	---	---	0	6	---	---	---	---	0
10/17/2007	---	---	---	---	1	---	---	---	---	---	0
10/18/2007	---	---	---	---	---	15	---	---	---	---	0
10/19/2007	---	---	---	---	---	---	---	---	---	---	---
<hr/>											
Total:	0	0	0	0	2	83	0	0	0	0	0
# Days:	0	0	0	0	13	13	0	0	0	0	14
Average:	0	0	0	0	0	6	0	0	0	0	0
YTD	3,734	46,002	1,940	7,792	1,859,327	1,847,641	740,935	18,555	376,506	961,373	267,154

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)
10/05/2007	---	---	---	---	0	0	---	---	---	---	0
10/06/2007	---	---	---	---	0	0	---	---	---	---	0
10/07/2007	---	---	---	---	0	0	---	---	---	---	0
10/08/2007	---	---	---	---	0	0	---	---	---	---	0
10/09/2007	---	---	---	---	0	0	---	---	---	---	0
10/10/2007	---	---	---	---	0	0	---	---	---	---	0
10/11/2007	---	---	---	---	0	1	---	---	---	---	0
10/12/2007	---	---	---	---	0	1	---	---	---	---	0
10/13/2007	---	---	---	---	0	0	---	---	---	---	0
10/14/2007	---	---	---	---	0	0	---	---	---	---	0
10/15/2007	---	---	---	---	0	0	---	---	---	---	0
10/16/2007	---	---	---	---	0	0	---	---	---	---	0
10/17/2007	---	---	---	---	0	---	---	---	---	---	0
10/18/2007	---	---	---	---	---	0	---	---	---	---	0
10/19/2007	---	---	---	---	---	---	---	---	---	---	---
Total:	0	0	0	0	0	2	0	0	0	0	0
# Days:	0	0	0	0	13	13	0	0	0	0	14
Average:	0	0	0	0	0	0	0	0	0	0	0
YTD	27	0	0	413	20,682	17,115	5,737	16,427	513,737	790,330	171,317

* 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:

10/19/07 11:25 AM

		10/05/07	TO	10/19/07				
		Species						
Site	Data	CH0	CH1	CO	SO	ST	Grand Total	
LGR	Sum of NumberCollected	1,486	70	7		2	1,565	
	Sum of NumberBarged	132	22	1		0	155	
	Sum of NumberBypassed	580	0	0		0	580	
	Sum of Numbertrucked	783	51	7		1	842	
	Sum of SampleMorts	14	0	0		1	15	
	Sum of FacilityMorts	0	0	0		0	0	
	Sum of ResearchMorts	0	0	0		0	0	
	Sum of TotalProjectMorts	14	0	0		1	15	
LGS	Sum of NumberCollected	264			2	2	83	351
	Sum of NumberBarged	0			0	0	0	0
	Sum of NumberBypassed	73			0	0	0	73
	Sum of Numbertrucked	124			2	1	65	192
	Sum of SampleMorts	1			0	1	4	6
	Sum of FacilityMorts	0			0	0	0	0
	Sum of ResearchMorts	7			0	0	0	7
	Sum of TotalProjectMorts	8			0	1	4	13
Total Sum of NumberCollected		1,750	70	9	2	85	1,916	
Total Sum of NumberBarged		132	22	1	0	0	155	
Total Sum of NumberBypassed		653	0	0	0	0	653	
Total Sum of Numbertrucked		907	51	9	1	66	1,034	
Total Sum of SampleMorts		15	0	0	1	5	21	
Total Sum of FacilityMorts		0	0	0	0	0	0	
Total Sum of ResearchMorts		7	0	0	0	0	7	
Total Sum of TotalProjectMorts		22	0	0	1	5	28	

YTD Transportation Summary

Source: Fish Passage Center

Updated: 10/19/07 11:25 AM

TO: 10/19/07

		Species					
Site	Data	CH0	CH1	CO	SO	ST	Grand Total
LGR	Sum of NumberCollected	192,627	1,578,273	38,299	15,920	1,367,793	3,192,912
	Sum of NumberBarged	146,580	1,125,053	36,824	15,540	1,185,551	2,509,548
	Sum of NumberBypassed	41,188	451,109	1,432	356	181,734	675,819
	Sum of NumberTrucked	1,959	161	23	0	10	2,153
	Sum of SampleMorts	318	62	1	2	36	419
	Sum of FacilityMorts	1,355	1,008	19	22	462	2,866
	Sum of ResearchMorts	1,227	880	0	0	0	2,107
	Sum of TotalProjectMorts	2,900	1,950	20	24	498	5,392
LGS	Sum of NumberCollected	304,410	451,022	39,911	12,002	1,304,847	2,112,192
	Sum of NumberBarged	297,602	398,141	39,430	11,553	1,197,581	1,944,307
	Sum of NumberBypassed	5,697	52,645	409	427	104,896	164,074
	Sum of NumberTrucked	499	2	46	2	1,524	2,073
	Sum of SampleMorts	110	31	20	4	71	236
	Sum of FacilityMorts	252	198	6	16	754	1,226
	Sum of ResearchMorts	188	7	0	0	0	195
	Sum of TotalProjectMorts	550	236	26	20	825	1,657
LMN	Sum of NumberCollected	42,697	279,174	13,545	4,156	574,389	913,961
	Sum of NumberBarged	38,111	270,566	13,505	4,130	562,245	888,557
	Sum of NumberBypassed	4,099	8,184	21	2	11,486	23,792
	Sum of NumberTrucked	236	3	17	1	148	405
	Sum of SampleMorts	129	30	0	0	83	242
	Sum of FacilityMorts	122	393	2	23	444	984
	Sum of ResearchMorts	0	0	0	0	0	0
	Sum of TotalProjectMorts	251	423	2	23	527	1,226
MCN	Sum of NumberCollected	2,400,491	1,316,847	58,662	304,461	222,772	4,303,233
	Sum of NumberBarged	0	0	0	0	0	0
	Sum of NumberBypassed	2,361,691	1,315,873	58,647	303,939	222,353	4,262,503
	Sum of NumberTrucked	35,894	0	0	15	20	35,929
	Sum of SampleMorts	1,103	142	4	58	33	1,340
	Sum of FacilityMorts	1,559	819	11	447	366	3,202
	Sum of ResearchMorts	241	13	0	2	0	256
	Sum of TotalProjectMorts	2,903	974	15	507	399	4,798
Total Sum of NumberCollected		2,940,225	3,625,316	150,417	336,539	3,469,801	10,522,298
Total Sum of NumberBarged		482,293	1,793,760	89,759	31,223	2,945,377	5,342,412
Total Sum of NumberBypassed		2,412,675	1,827,811	60,509	304,724	520,469	5,126,188
Total Sum of NumberTrucked		38,588	166	86	18	1,702	40,560
Total Sum of SampleMorts		1,660	265	25	64	223	2,237
Total Sum of FacilityMorts		3,288	2,418	38	508	2,026	8,278
Total Sum of ResearchMorts		1,656	900	0	2	0	2,558
Total Sum of TotalProjectMorts		6,604	3,583	63	574	2,249	13,073

Cumulative Adult Passage at Mainstem Dams Through: 10/18

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	10/18	66624	16606	96456	2908	156175	8234	47882	13686	97519	4355	69317	7971	154663	51261	291036	25024	358599	37150
TDA	10/18	52795	15406	61827	2176	108412	6003	40653	11409	81219	3620	59863	5873	91358	37852	165894	21014	188659	28118
JDA	10/18	43379	13663	50313	2093	90974	4767	36191	11717	73814	4150	55712	5893	70927	35194	133054	21911	138994	24194
MCN	10/17	38852	12252	45887	2475	83968	5029	33008	9508	62571	3389	54019	5480	54040	26947	85663	13414	107478	19260
IHR	10/17	28047	7308	25434	875	56277	3172	8015	2584	8540	545	11570	1861	13120	9413	10002	6641	11286	6448
LMN	10/17	26963	6934	23589	548	53700	2904	11836	1526	9926	523	11188	1521	15644	8204	10878	8466	9986	5532
LGS	10/18	23953	7227	20836	733	51418	2974	7898	2861	8156	596	9645	1792	9874	7555	9070	4780	8461	3928
LGR	10/18	22481	8971	22530	973	51737	3293	7703	3393	7058	662	9688	1964	9647	9136	7740	6024	7376	4686
PRD	10/13	6708	489	8535	81	17371	512	30644	1088	57236	556	48735	2050	19548	4071	16313	1803	24994	2902
RIS	10/17	5572	2066	9643	483	14040	762	28222	6200	61821	2086	45655	4765	3428	1509	5217	1534	9035	1957
RRH	10/17	2424	920	5376	274	5343	306	21657	5110	41234	1744	33778	3271	2654	1230	3976	1046	5543	1630
WEL	10/17	2041	752	4159	217	3869	205	13244	3573	25671	1944	24782	1610	1344	899	2666	3001	2948	895
WFA	10/16	23010	299	36851	189	-	-	0	0	0	0	-	-	144	15	1929	323	-	-

DAM	Coho						Sockeye			Steelhead			
	2007		2006		10-Yr Avg.		10-Yr Avg.			10-Yr Avg.			Wild 2007
	Adult	Jack	Adult	Jack	Adult	Jack	2007	2006	Avg.	2007	2006	Avg.	
BON	75148	3464	91255	7130	89876	5764	24376	37066	60817	316933	326513	331516	80113
TDA	27084	2002	26613	2419	23146	2105	19124	30026	50789	236748	229372	245331	58579
JDA	28748	5946	25113	4801	19588	2345	24277	35387	55214	215479	204642	238714	56134
MCN	17994	2136	9914	1029	9762	850	18197	29295	46987	195121	168453	184067	47285
IHR	1693	142	674	72	735	31	55	48	30	142873	112752	135919	28879
LMN	1740	124	846	63	672	33	44	17	31	140391	121055	129194	29970
LGS	1753	173	775	29	578	15	37	26	34	122974	111270	119579	21659
LGR	2100	221	830	265	714	53	52	16	36	134465	114449	121756	28091
PRD	6497	481	2117	449	1585	242	24645	26710	58348	14332	10138	13400	0
RIS	10809	424	4295	0	2565	0	25122	35129	54210	12726	9133	12778	5437
RRH	2315	66	1164	0	421	0	20683	25376	37840	9466	7729	9828	3651
WEL	559	0	252	0	71	0	22280	22066	37175	6766	6138	7133	3107
WFA	934	137	5050	1521	-	-	-	-	-	19006	25458	-	-