



Fish Passage Center Weekly Report #06 - 6

April 14, 2006

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Summary of Events:

Water Supply: Precipitation throughout the Columbia Basin has varied between 65% and 451% of average at individual sub-basins over the first ten days of April. Precipitation above The Dalles over the ten days has been 214% of average. Over the entire water year, precipitation has been above average at all list locations.

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

Location	Water Year 2006 Apr 1-10		Water Year 2006 October 1, 2005 to April 10	
	Observed (inches)	% Average	Observed (inches)	% Average
Columbia Above Coulee	1.2	217	16.74	113
SNAKE RIVER ABOVE ICE HARBOR	1.35	277	14.73	137
Columbia Above The Dalles	1.17	214	17.26	116
Kootenai	0.85	147	17.68	117
Clark Fork	1.86	451	12.69	135
Flathead	1.62	308	16.41	129
Pend Oreille/Spokane	1.35	179	24.14	115
Central Washington	0.90	420	8.55	140
SNAKE RIVER PLAIN	0.98	283	8.95	139
Salmon/Boise/Payette	1.57	295	19.76	149
Clearwater	1.81	204	22.03	113
SW Washington Cascades/Cowlitz	1.15	65	57.95	105
Willamette Valley	1.33	82	53.38	114

Snowpack within the Columbia Basin is above average. Average snowpack in the Columbia River for basins above the Snake River confluence is 110% of average, for Snake River Basins the average snowpack is 136% of average, and for lower Columbia Basins between McNary and Bonneville Dam average snowpack 129% of average.

Table 2 displays the February Final, March Final, and April Final runoff volume forecasts for multiple reservoirs. The April Final forecast at The Dalles between January and July is 107000 Kaf (100% of average).

Table 2. February Final, March Final, and April Final Runoff Volume Forecasts for various reservoirs within the Columbia and Snake River Basins.

Location	February Final		March Final		April Final	
	% Average (1971- 2000)	Probable Runoff Volume (Kaf)	% Average (1971- 2000)	Probable Runoff Volume (Kaf)	% Average (1971- 2000)	Probable Runoff Volume (Kaf)
The Dalles (Jan-July)	103	111000	100	107000	100	107000
Grand Coulee (Jan-July)	100	62700	98	61900	96	60600
Libby Res. Inflow, MT (Jan-July)	101	6380	98	6200	96	6030
Hungry Horse Res. Inflow, MT (Jan-July)	106	2350	106	2360	99	2210
Lower Granite Res. Inflow (Apr-July)	115	24800	109	23400	118	25500
Brownlee Res. Inflow (Apr-July)	127	8010	110	6940	133	8380
Dworshak Res. Inflow (Apr-July)	103	2730	99	2620	96	2540

Grand Coulee Reservoir is at 1246.3 feet (4-13-06) and has drafted 4.14 feet over the last week. The interpolated Biological Opinion April 10th shifted elevation (between end of March and April 15th flood control) was 1248.4 feet.

The Libby Reservoir is currently at elevation 2405.54 feet (4-13-06) and filled about 2 feet last week. Outflows decreased from 6 to 4.2 Kcfs over the last week. The interpolated Biological Opinion April 10th flood control elevation at Libby was 2404.1 feet

Hungry Horse is currently at an elevation of 3522.5 feet (4-13-06) and drafted 2.9 feet last week. Outflows at Hungry Horse have been increased to 10 Kcfs over the last week. The interpolated Biological Opinion April 10th elevation was 3523.5 feet.

Dworshak is currently at an elevation of 1536.42 feet (4-13-06) and refilled 2.98 feet last week; outflows at Dworshak were increased from 10 to 12.5 Kcfs over the last week. The interpolated Biological Opinion April 10th local flood control elevation was 1538.3 feet.

The Brownlee Reservoir was at an elevation of 2030.59 feet on April 13th, 2006 (drafting 6.5 feet last week). Outflows at Brownlee have been as high as 72.5 Kcfs over the last week. The interpolated Biological Opinion April 10th local flood control elevation was 2033.1 feet.

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 will be 100 Kcfs at Lower Granite, 260 Kcfs at McNary, and 135 Kcfs at Priest Rapids. Flows at Lower Granite are currently (4-13-06) 126.9 Kcfs; flows at McNary are currently 300 Kcfs.

Spill: Significant involuntary spill is occurring in the system due to recent high flows and spill is exceeding the voluntary levels set for fish passage. Spill operations for fish passage at the Lower Snake River projects began on April 3, 2006 in accordance with the December 29, 2005 District Court Order and Opinion. Spill at Lower Granite, Little Goose, Lower Monumental and Ice Harbor dams was 35%, 30%, 28% and 52% of average daily flow, respectively.

Spill for fish passage began on April 10 at Lower Columbia River projects. Spill for fish passage McNary, John Day, The Dalles and Bonneville dams was 51%, 26%, 29% and 35% of average daily flow, respectively. Total dissolved gas levels are near the TDG waiver limits. There are exceptions where projects are out of criteria, but efforts are being made to address TDG levels during these higher river flow events. Biological monitoring has not shown that criteria levels have been exceeded.

Smolt Monitoring: With the recent high flows in the Snake River Basin relatively large numbers of early migrant yearling Chinook and steelhead have been collected at Smolt Monitoring Traps in the tributaries. The numbers collected have peaked and declined again as the flow event passed through the system. The passage indices at Lower Granite also increased during the freshet, and also have declined in recent days as flows at the project have decreased. Increased collection at SMP dams in the Lower Columbia River reflect hatchery releases that have occurred over the past week.

At the Salmon River Trap daily collection of yearling Chinook averaged over 2,000 per day from April 5 to April 9. There were a mixture of hatchery and wild fish in these daily collections; the largest wild fish collection was on April 9, when 1,200 were sampled. Numbers of yearling Chinook decreased rapidly, to less than 500 on April 13. Similarly at the Grande Ronde Trap recent increases in catch coincided with higher than average flows in that river. In the past few days the number of yearling Chinook have begun to increase again, as have the numbers of steelhead collected. At the Imnaha Trap a similar peak, drop

then subsequent increase in collection of yearling Chinook has occurred over the past 10 days following closely upon run-off patterns in that basin as well. Sampling at the Lewiston Trap has been intermittent over the past week, but operations should return to normal in the next few days.

At Lower Granite Dam, yearling Chinook indices averaged roughly 19,000 per day over the past week with the highest index, of 24,900, on April 9 following close on the heels of an early season peak of 137 Kcfs on April 7. Steelhead indices doubled over the past week as well. Based on PIT-tag detections at Lower Granite Dam, it appears that the majority of wild fish passing the project in the past week originated from the Clearwater River, with a good portion of marks also arriving from fish marked at the Grande Ronde Trap. A large number of PIT-tagged wild steelhead marked at the Fish Creek Trap, in the Clearwater Basin, were detected over the past week, making up more than half the wild steelhead detections for that time period.

Passage indices at Lower Monumental and Little Goose dams should be used with caution as those data represent condition samples taken over only a small portion of the day. They are not based on 24 hour samples and so are of limited value in terms of portraying the magnitude of the run passing those dams. Sampling at those sites is limited until transportation begins April 20.

At Rock Island Dam and McNary Dam, indices of yearling Chinook began to increase rapidly over the past few sampling dates, with steelhead indices also increasing at a slower rate.

At Bonneville Dam the Corner Collector was operating in full PIT-tag detection mode as of April 13. With PIT-tag data to be made available near-realtime in the next week or so. In the SMP facility indices for all species increased over the past week. Yearling Chinook and coho predominated in the sample with steelhead indices next in number. The yearling Chinook index is likely bolstered by the passage of a Carson NFH release fish that began arriving on April 11, the day after release.

Adult Fish Passage - At Bonneville and upstream dams, calendar dates when official counting of adult fish will be initiated varies among the sites. Lower Granite Dam began reporting counts on March 1, and at the remaining mainstem COE projects, counting began on April 1. The PUD dams in the Mid-Columbia River normally begin counting adult fish near April 15 with Wells Dam starting on May 1.

Currently, adult counts at Bonneville Dam are updated through April 13h, 2006. Between March 15th and April 13th, 154 spring Chinook adults had passed Bonneville Dam; this compares to 236 spring Chinook adults over the same period last year and 29,076 over the same period on a ten-year average. Daily steelhead passage numbers at Bonneville Dam have ranged between 26 and 82 over the last week.

At upriver sites, adult steelhead continue to move through the hydro system to reach their tributaries and spawning sites. The majority of these fish have over-wintered in the pools and will complete their trip to the spawning grounds in March through early May. Counts at Lower Granite have ranged between 138 and 223 adult steelhead last week. The total adult steelhead passing Lower Granite Dam from January 1st has been 6,008 adult steelhead, this compares to 4,205 steelhead over the same period last year and 5,409 steelhead over a ten-year average.

Hatchery Release: Snake River: Volitional releases of yearling Chinook at Sawtooth Hatchery continued this past week, with about half the 1.5 million release complete, while the remainder are due to be completed by the end of next week. Releases from Rapid River hatchery are also ongoing, and scheduled to be completed next week. Lookingglass Hatchery releases of yearling Chinook, at several acclimation facilities are scheduled to conclude today. Releases of Lyons Ferry yearling Fall Chinook held at Big Canyon Creek, and Captain Johns Acclimation facilities were completed this past week.

Summer steelhead releases from Niagara Springs Hatchery into the Little Salmon River and

Pahsimeroi River are ongoing, while releases from Clearwater River Hatchery into the S Fk Clearwater River at Crooked River Acclimation Pond began April 12. Steelhead releases from Magic Valley Hatchery into the Salmon River, at several locations began this past week. Volitional release of the Tucannon R yearling Chinook began on 3/15 and should continue for about a month, while summer steelhead released into the Tucannon began April 3 and will continue through the end of the month.

Mid-Columbia - The large early releases of coho are mostly completed at most sites in the Metthow, Mid-Columbia, Wenatchee, and Yakima Rivers. Another round of releases are scheduled for late April. The upper Mid-Columbia spring Chinook and steelhead will be released from Federal and State hatcheries in mid-April through mid-May, normally coinciding with the spill program.

Lower Columbia - Yearling Chinook releases from Warm Springs NFH in to Deschutes River basin are ongoing through this week with the completion from this hatchery by late April. In addition, in the Hood River there were ongoing volitional releases of yearling Chinook, from Round Butte Hatchery, at acclimation facilities, while winter steelhead from Oaks Springs Hatchery were released also released at multiple sites. A release of 1.2 million yearling Chinook are making their way through the Lower Columbia after release April 10 from Carson NFH.

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
03/31/06	57.9	0.0	66.5	0.0	77.1	0.0	79.3	0.0	82.6	0.0	100.8	0.0	97.0	0.0
04/01/06	110.6	0.0	106.3	0.0	93.3	0.0	87.8	0.0	89.0	0.0	93.3	0.0	94.4	0.0
04/02/06	87.2	0.0	81.2	0.0	82.8	0.0	89.3	0.0	93.8	0.0	99.8	0.0	94.2	0.0
04/03/06	120.9	0.0	126.9	0.0	121.8	0.2	115.1	0.0	116.3	0.0	105.7	0.8	107.8	0.0
04/04/06	112.4	0.0	111.4	0.0	116.0	0.0	119.6	0.0	122.9	0.0	122.7	0.0	117.3	0.0
04/05/06	114.4	0.0	114.0	0.0	113.7	0.0	112.5	0.0	115.0	0.0	120.0	0.0	121.3	0.0
04/06/06	88.0	0.0	93.1	0.0	102.4	0.0	105.9	0.0	108.7	0.0	121.7	0.0	123.7	0.0
04/07/06	123.6	0.0	133.1	0.0	124.0	0.0	120.7	0.0	124.6	0.0	126.3	0.0	125.3	0.0
04/08/06	128.6	0.0	127.8	0.0	131.4	13.1	126.0	1.5	124.9	0.0	120.6	9.0	113.9	0.0
04/09/06	94.8	0.0	86.3	0.0	99.0	0.4	104.9	0.1	112.2	0.0	144.4	6.3	151.9	12.1
04/10/06	134.3	0.5	137.7	0.0	133.6	0.0	129.1	0.0	135.9	0.0	136.6	0.0	138.8	0.0
04/11/06	150.3	0.0	149.3	0.0	152.6	23.9	147.6	0.0	148.1	0.0	138.1	0.0	135.4	0.0
04/12/06	150.5	0.0	151.9	0.0	152.2	16.1	151.3	0.0	154.1	0.0	159.8	1.4	152.9	0.0
04/13/06	157.7	0.0	162.3	0.0	169.7	33.2	165.2	4.5	165.4	0.0	170.8	22.0	165.5	8.6

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
03/31/06	7.8	0.0	37.7	36.5	68.9	0.0	65.8	0.0	69.5	0.0	69.2	0.0
04/01/06	9.3	0.0	42.7	36.6	69.4	0.0	70.2	0.0	71.6	0.0	73.0	0.0
04/02/06	10.1	0.0	42.9	36.6	73.6	0.0	72.1	0.0	75.4	0.0	74.2	0.1
04/03/06	10.1	0.0	41.4	36.6	72.6	20.8	79.1	23.7	88.5	40.3	87.9	53.5
04/04/06	10.1	0.0	43.1	39.6	73.8	24.0	77.3	23.2	80.9	40.3	82.7	58.7
04/05/06	10.3	0.0	54.0	58.1	95.6	37.0	95.9	27.0	97.7	40.6	99.2	66.9
04/06/06	10.5	0.0	63.8	67.5	119.2	35.1	116.1	33.2	119.5	40.7	123.4	72.2
04/07/06	10.5	0.0	69.7	70.6	137.2	54.6	134.5	39.0	141.4	40.4	142.9	76.8
04/08/06	10.5	0.0	69.9	70.6	128.3	42.6	123.0	36.9	125.0	40.2	125.5	62.9
04/09/06	10.4	0.0	67.3	70.7	129.1	42.9	128.6	38.4	133.0	40.1	134.5	70.1
04/10/06	10.4	0.0	64.5	71.8	129.4	46.8	127.2	38.2	131.5	40.0	136.1	74.0
04/11/06	10.7	0.3	63.2	74.1	126.9	41.1	125.2	41.7	127.4	38.0	128.7	65.9
04/12/06	12.0	1.6	60.6	75.3	128.6	45.6	125.5	38.3	128.5	32.1	129.4	68.4
04/13/06	12.5	2.1	---	---	126.9	42.8	124.7	35.7	126.1	27.9	129.5	65.2

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		
03/31/06	176.1	0.0	187.6	0.0	190.3	0.0	203.6	1.3	84.2	111.5
04/01/06	161.3	0.0	164.2	0.0	164.6	0.0	188.5	1.5	75.8	104.8
04/02/06	163.4	0.0	174.2	0.0	179.1	0.0	199.8	1.2	81.0	111.0
04/03/06	201.8	57.8	194.8	0.0	197.1	0.0	191.3	1.5	80.3	103.0
04/04/06	191.1	53.0	205.2	0.0	209.2	0.0	218.5	12.6	85.3	114.2
04/05/06	237.7	100.6	217.7	17.2	213.5	15.0	221.3	16.8	82.6	115.4
04/06/06	251.5	119.8	274.9	45.8	275.0	46.3	283.8	73.9	84.1	119.2
04/07/06	270.9	145.8	316.1	67.6	316.1	85.5	328.5	125.7	83.8	112.5
04/08/06	264.6	138.3	248.0	12.6	255.2	21.4	297.2	90.7	83.9	115.2
04/09/06	265.8	134.3	280.7	42.5	277.3	41.7	268.6	63.5	84.6	114.3
04/10/06	302.0	161.9	317.4	100.9	317.8	123.2	322.4	113.6	83.9	115.5
04/11/06	303.3	149.5	327.6	115.1	326.1	119.3	348.6	143.2	85.0	111.9
04/12/06	292.0	138.4	303.2	115.5	296.3	115.1	329.1	127.9	83.1	111.6
04/13/06	300.0	139.8	300.8	110.5	298.8	113.4	319.7	115.3	84.6	110.1

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
Lower Granite Dam											
	04/11/06	Chinook + Steelhead	99	0	0	0.00%	0.00%	0	0	0	0
Lower Monumental Dam											
	04/10/06	Chinook + Steelhead	99	4	4	4.04%	0.00%	4	0	0	0
McNary Dam											
	04/10/06	Chinook + Steelhead	60	0	0	0.00%	0.00%	0	0	0	0
Bonneville Dam											
	04/11/06	Chinook + Steelhead	100	0	0	0.00%	0.00%	0	0	0	0
Rock Island Dam											
	04/10/06	Chinook + Steelhead	100	1	1	1.00%	0.00%	0	0	0	0

HATCHERY RELEASE LAST TWO WEEKS

Agency	From:	3/31/2006	to	04/13/06	NumRel	RelStart	RelEnd	RelSite	RelRiver
	Hatchery	Species	Race	MigYr					
Idaho Dept. of Fish and Game	Clearwater Hatchery	CH1	SP	2006	140,989	03-29-06	04-05-06	Crooked R Acclim Pond	S Fk Clearwater River
Idaho Dept. of Fish and Game	Clearwater Hatchery	CH1	SP	2006	423,603	03-27-06	04-07-06	Red River	S Fk Clearwater River
Idaho Dept. of Fish and Game	Clearwater Hatchery	CH1	SP	2006	423,633	03-23-06	04-06-06	Powell Acclim Pond	Lochsa River
Idaho Dept. of Fish and Game	Clearwater Hatchery	CH1	SP	2006	608,472	03-29-06	04-05-06	Crooked R Acclim Pond	S Fk Clearwater River
Idaho Dept. of Fish and Game	Clearwater Hatchery	ST	SU	2006	20,000	04-12-06	04-21-06	Crooked R Acclim Pond	S Fk Clearwater River
Idaho Dept. of Fish and Game	Clearwater Hatchery	ST	SU	2006	57,000	04-12-06	04-21-06	Crooked R Acclim Pond	S Fk Clearwater River
Idaho Dept. of Fish and Game	Clearwater Hatchery	ST	SU	2006	63,000	04-12-06	04-21-06	Crooked R Acclim Pond	S Fk Clearwater River
Idaho Dept. of Fish and Game	Clearwater Hatchery	ST	SU	2006	84,000	04-12-06	04-21-06	Crooked R Acclim Pond	S Fk Clearwater River
Idaho Dept. of Fish and Game	Magic Valley Hatchery	ST	SU	2006	31,000	04-10-06	04-11-06	Squaw Cr Acclim Pond	Salmon River (ID)
Idaho Dept. of Fish and Game	Magic Valley Hatchery	ST	SU	2006	60,000	04-10-06	04-11-06	Squaw Cr Acclim Pond	Salmon River (ID)
Idaho Dept. of Fish and Game	Magic Valley Hatchery	ST	SU	2006	102,000	04-12-06	04-14-06	Salmon River (ID)	Salmon River (ID)
Idaho Dept. of Fish and Game	Magic Valley Hatchery	ST	SU	2006	110,000	04-12-06	04-14-06	Salmon River (ID)	Salmon River (ID)
Idaho Dept. of Fish and Game	Magic Valley Hatchery	ST	SU	2006	248,000	04-11-06	04-14-06	Little Salmon River	Salmon River (ID)
Idaho Dept. of Fish and Game	Niagara Springs	ST	SU	2006	170,000	03-31-06	04-24-06	Little Salmon River	Salmon River (ID)
Idaho Dept. of Fish and Game	Niagara Springs	ST	SU	2006	830,000	04-05-06	04-21-06	Pahsimeroi River	Pahsimeroi River
Idaho Dept. of Fish and Game	Rapid River Hatchery	CH1	SP	2006	2,535,000	03-13-06	04-21-06	Rapid River	Little Salmon River
Idaho Dept. of Fish and Game	Sawtooth Hatchery	CH1	SP	2006	1,554,000	04-03-06	04-21-06	Sawtooth Hatchery	Salmon River (ID)
Idaho Dept. of Fish and Game Total					7,460,697				
Nez Perce Tribe	Clearwater Hatchery	CH1	SP	2006	317,382	04-03-06	04-07-06	Meadow Creek - SELW	Selway River
Nez Perce Tribe	Dworshak NFH	ST	SU	2006	100,000	04-10-06	04-14-06	American River	S Fk Clearwater River
Nez Perce Tribe	Dworshak NFH	ST	SU	2006	100,000	04-10-06	04-14-06	Newsome Creek	S Fk Clearwater River
Nez Perce Tribe	Hagerman NFH	ST	SU	2006	42,000	04-05-06	04-05-06	Hazard Creek/Little Salmon R	Little Salmon River
Nez Perce Tribe	Hagerman NFH	ST	SU	2006	160,000	03-27-06	04-05-06	Hazard Creek/Little Salmon R	Little Salmon River
Nez Perce Tribe	Irrigon Hatchery Complex	ST	SU	2006	162,000	04-11-06	04-13-06	Big Sheep Creek	Imnaha River
Nez Perce Tribe	Irrigon Hatchery Complex	ST	SU	2006	162,000	04-11-06	05-02-06	L Sheep Acclim Pond	Imnaha River
Nez Perce Tribe	Lookingglass Hatchery	CH1	SP	2006	135,800	03-28-06	04-17-06	Lostine Accim Pond	Wallowa River
Nez Perce Tribe	Lyons Ferry Hatchery	CH1	FA	2006	130,000	04-13-06	04-14-06	Big Canyon (Clearwater River)	Clearwater River M F
Nez Perce Tribe	Lyons Ferry Hatchery	CH1	FA	2006	150,000	04-05-06	04-06-06	Pittsburg Landing Acclim Pond	Snake River
Nez Perce Tribe	Lyons Ferry Hatchery	CH1	FA	2006	150,000	04-10-06	04-10-06	Cpt John Acclim Pond	Snake River
Nez Perce Tribe Total					1,609,182				
Oregon Dept. of Fish and Wildlife	Irrigon Hatchery Complex	ST	SU	2006	95,000	04-12-06	04-13-06	Big Canyon Acclim.Pd (Grande Ronde)	Grande Ronde River
Oregon Dept. of Fish and Wildlife	Irrigon Hatchery Complex	ST	SU	2006	95,000	04-13-06	04-14-06	Big Canyon Acclim.Pd (Grande Ronde)	Grande Ronde River
Oregon Dept. of Fish and Wildlife	Irrigon Hatchery Complex	ST	SU	2006	421,000	04-09-06	04-11-06	Wallowa Acclim Pond	Wallowa River
Oregon Dept. of Fish and Wildlife	Lookingglass Hatchery	CH1	SP	2006	300	03-27-06	04-12-06	Grande Ronde Acclim Pond	Grande Ronde River
Oregon Dept. of Fish and Wildlife	Lookingglass Hatchery	CH1	SP	2006	63,864	03-21-06	04-14-06	Imnaha Acclim Pond	Imnaha River
Oregon Dept. of Fish and Wildlife	Lookingglass Hatchery	CH1	SP	2006	64,105	03-21-06	04-14-06	Imnaha Acclim Pond	Imnaha River
Oregon Dept. of Fish and Wildlife	Lookingglass Hatchery	CH1	SP	2006	64,167	03-21-06	04-14-06	Imnaha Acclim Pond	Imnaha River
Oregon Dept. of Fish and Wildlife	Lookingglass Hatchery	CH1	SP	2006	64,357	03-21-06	04-14-06	Imnaha Acclim Pond	Imnaha River
Oregon Dept. of Fish and Wildlife	Lookingglass Hatchery	CH1	SP	2006	64,404	03-21-06	04-14-06	Imnaha Acclim Pond	Imnaha River
Oregon Dept. of Fish and Wildlife	Lookingglass Hatchery	CH1	SP	2006	110,000	03-17-06	04-05-06	Lookingglass Hatchery	Grande Ronde River
Oregon Dept. of Fish and Wildlife	Lookingglass Hatchery	CH1	SP	2006	120,000	04-03-06	04-03-06	Imnaha Acclim Pond	Imnaha River
Oregon Dept. of Fish and Wildlife	Round Butte Hatchery	ST	SU	2006	162,000	03-28-06	04-06-06	Bel. Pelton Ladder	Deschutes River
Oregon Dept. of Fish and Wildlife Total					1,324,197				
U.S. Fish and Wildlife Service	Carson NFH	CH1	SP	2006	1,200,000	04-10-06	04-10-06	Carson Hatchery	Wind River
U.S. Fish and Wildlife Service	Dworshak NFH	CH1	SP	2006	1,010,000	03-21-06	04-09-06	Dworshak Hatchery	Clearwater River M F
U.S. Fish and Wildlife Service	Dworshak NFH	ST	SU	2006	300,000	04-10-06	04-14-06	Clear Creek	Clearwater River M F
U.S. Fish and Wildlife Service	Dworshak NFH	ST	SU	2006	300,000	04-10-06	04-14-06	S Fk Clearwater River	Clearwater River M F
U.S. Fish and Wildlife Service	Entiat Hatchery	CH1	SP	2006	330,000	04-10-06	04-10-06	Entiat Hatchery	Entiat River
U.S. Fish and Wildlife Service	Hagerman NFH	ST	SU	2006	98,000	04-07-06	04-12-06	Little Salmon River	Salmon River (ID)
U.S. Fish and Wildlife Service	Kooskia NFH	CH1	SP	2006	630,000	03-24-06	04-04-06	Clear Creek	Clearwater River M F
U.S. Fish and Wildlife Service	Little White Salmon NFH	CH1	SP	2006	750,000	04-13-06	04-13-06	Little White Salmon River	Little White Salmon River
U.S. Fish and Wildlife Service	Warm Springs NFH	CH1	SP	2006	568,250	03-30-06	04-26-06	Warm Springs Hatchery	Deschutes River
U.S. Fish and Wildlife Service Total					5,186,250				

HATCHERY RELEASE LAST TWO WEEKS (con't)

From:	3/31/2006	to	04/13/06							
Agency	Hatchery	Species	Race	MigYr	NumRel	RelStart	RelEnd	RelSite	RelRiver	4/14/06
Umatilla Tribe	Lookingglass Hatchery	CH1	SP	2006	18,700	03-27-06	04-12-06	Grande Ronde Pond	Acclim	Grande Ronde River
Umatilla Tribe	Lookingglass Hatchery	CH1	SP	2006	23,300	03-27-06	04-12-06	Catherine Cr Pond	Acclim	Grande Ronde River
Umatilla Tribe Total					42,000					
Warm Springs Tribe	Oak Springs Hatchery	ST	SU	2006	12,000	04-13-06	04-18-06	W Fk Hood River		Hood River
Warm Springs Tribe	Oak Springs Hatchery	ST	SU	2006	17,062	04-05-06	04-05-06	Blackberry Pond	Acclim	Hood River
Warm Springs Tribe	Oak Springs Hatchery	ST	WI	2006	11,000	04-06-06	04-28-06	Parkdale	Acclim	Hood River
Warm Springs Tribe	Oak Springs Hatchery	ST	WI	2006	17,500	03-27-06	04-27-06	E Fk Hood River		Hood River
Warm Springs Tribe	Round Butte Hatchery	CH1	SP	2006	15,000	04-11-06	04-17-06	W Fk Hood River		Hood River
Warm Springs Tribe	Round Butte Hatchery	CH1	SP	2006	15,000	04-11-06	04-17-06	W Fk Hood River		Hood River
Warm Springs Tribe	Round Butte Hatchery	CH1	SP	2006	19,950	04-04-06	04-04-06	Blackberry Pond	Acclim	Hood River
Warm Springs Tribe	Round Butte Hatchery	CH1	SP	2006	19,950	04-04-06	04-04-06	Jones Creek Pond	Acclim	Hood River
Warm Springs Tribe	Round Butte Hatchery	CH1	SP	2006	33,000	03-21-06	05-04-06	Parkdale	Acclim	Hood River
Warm Springs Tribe Total					160,462					
Washington Dept. of Fish and Wildlife	Lyons Ferry Hatchery	CH1	FA	2006	450,000	04-05-06	04-10-06	Lyons Ferry Hatchery		Snake River
Washington Dept. of Fish and Wildlife	Lyons Ferry Hatchery	CH1	SP	2006	65,000	03-15-06	04-18-06	Curl Lake Pond	Acclim	Tucannon River
Washington Dept. of Fish and Wildlife	Ringold Springs Hatchery	CH0	SP	2006	480,000	04-10-06	04-30-06	Ringold Springs Hatchery		Mid-Columbia River
Washington Dept. of Fish and Wildlife	Ringold Springs Hatchery	ST	SU	2006	280,000	04-10-06	04-30-06	Ringold Springs Hatchery		Mid-Columbia River
Washington Dept. of Fish and Wildlife	Tucannon Hatchery	CH1	SP	2006	199,800	04-03-06	04-23-06	Curl Lake Pond	Acclim	Tucannon River
Washington Dept. of Fish and Wildlife	Tucannon Hatchery	ST	SU	2006	65,000	04-03-06	04-30-06	Tucannon River		Tucannon River
Washington Dept. of Fish and Wildlife Total					1,539,800					
Yakama Tribe	Cascade Hatchery	CO	UN	2006	70,000	04-06-06	04-06-06	Winthrop Hatchery		Methow River
Yakama Tribe	Cascade Hatchery	CO	UN	2006	74,000	04-06-06	04-06-06	Coulter Creek		Wenatchee River
Yakama Tribe	Cascade Hatchery	CO	UN	2006	74,000	04-06-06	04-06-06	Nason Creek		Wenatchee River
Yakama Tribe	Cascade Hatchery	CO	UN	2006	140,000	04-06-06	04-06-06	Wells Hatchery		Mid-Columbia River
Yakama Tribe	Cascade Hatchery	CO	UN	2006	330,000	04-06-06	04-06-06	Icicle Creek		Wenatchee River
Yakama Tribe	Cle Elem Hatchery	CH1	SP	2006	231,551	03-15-06	05-14-06	Jack Creek Pond	Acclim	Yakima River
Yakama Tribe	Cle Elem Hatchery	CH1	SP	2006	273,636	03-15-06	05-14-06	Easton Pond		Yakima River
Yakama Tribe	Cle Elem Hatchery	CH1	SP	2006	280,667	03-15-06	05-14-06	Clark Flat Pond	Acclim	Yakima River
Yakama Tribe	Eagle Creek NFH	CO	UN	2006	68,000	03-31-06	04-07-06	Prosser	Acclim	Yakima River
Yakama Tribe	Eagle Creek NFH	CO	UN	2006	97,484	04-03-06	04-03-06	Lost Creek Pond	Acclim	Yakima River
Yakama Tribe	Eagle Creek NFH	CO	UN	2006	97,484	04-03-06	04-03-06	Stiles Pond		Yakima River
Yakama Tribe	Eagle Creek NFH	CO	UN	2006	97,484	04-03-06	04-03-06	Yakama River		Yakima River
Yakama Tribe	Eagle Creek NFH	CO	UN	2006	97,484	04-03-06	04-03-06	Yakama River		Yakima River
Yakama Tribe	Eagle Creek NFH	CO	UN	2006	389,440	03-31-06	04-07-06	Naches River		Yakima River
Yakama Tribe	Prosser Acclim. Pond	CO	UN	2006	18,750	04-06-06	04-06-06	Lost Creek Pond	Acclim	Yakima River
Yakama Tribe	Prosser Acclim. Pond	CO	UN	2006	18,750	04-06-06	04-06-06	Stiles Pond		Yakima River
Yakama Tribe	Prosser Acclim. Pond	CO	UN	2006	18,750	04-06-06	04-06-06	Yakama River		Yakima River
Yakama Tribe	Prosser Acclim. Pond	CO	UN	2006	18,750	04-06-06	04-06-06	Yakama River		Yakima River
Yakama Tribe	Prosser Acclim. Pond	CO	UN	2006	69,630	04-06-06	04-06-06	Prosser	Acclim	Yakima River
Yakama Tribe	Washougal Hatchery	CO	NO	2006	40,000	04-03-06	04-03-06	Yakama River		Yakima River
Yakama Tribe	Washougal Hatchery	CO	NO	2006	50,000	04-03-06	04-03-06	Lost Creek Pond	Acclim	Yakima River
Yakama Tribe	Washougal Hatchery	CO	NO	2006	50,000	04-03-06	04-03-06	Stiles Pond		Yakima River
Yakama Tribe	Washougal Hatchery	CO	NO	2006	50,000	04-03-06	04-03-06	Yakama River		Yakima River
Yakama Tribe	Willard Hatchery	CO	UN	2006	33,000	04-06-06	04-06-06	Nason Creek		Wenatchee River
Yakama Tribe	Willard Hatchery	CO	UN	2006	67,000	04-06-06	04-06-06	Coulter Creek		Wenatchee River
Yakama Tribe	Willard Hatchery	CO	UN	2006	401,000	04-06-06	04-06-06	Icicle Creek		Wenatchee River
Yakama Tribe	Winthrop NFH	CO	UN	2006	40,000	04-06-06	04-06-06	Winthrop Hatchery		Methow River
Yakama Tribe	Winthrop NFH	CO	UN	2006	190,000	04-06-06	04-06-06	Winthrop Hatchery		Methow River
Yakama Tribe	Winthrop NFH	CO	UN	2006	245,241	03-19-06	04-30-06	Winthrop Hatchery		Methow River
Yakama Tribe Total					3,632,101					
Grand Total					20,954,689					

HATCHERY RELEASE NEXT TWO WEEKS

Agency	Hatchery	Species	Race	MigYr	NumRel	RelStart	RelEnd	RelSite	RelRiver
	From:	4/14/2006	to	4/27/2006					
Idaho Dept. of Fish and Game	Clearwater Hatchery	ST	SU	2006	20,000	04-12-06	04-21-06	Crooked R Acclim Pond	S Fk Clearwater River
Idaho Dept. of Fish and Game	Clearwater Hatchery	ST	SU	2006	51,000	04-14-06	04-24-06	Red River	S Fk Clearwater River
Idaho Dept. of Fish and Game	Clearwater Hatchery	ST	SU	2006	57,000	04-12-06	04-21-06	Crooked R Acclim Pond	S Fk Clearwater River
Idaho Dept. of Fish and Game	Clearwater Hatchery	ST	SU	2006	63,000	04-12-06	04-21-06	Crooked R Acclim Pond	S Fk Clearwater River
Idaho Dept. of Fish and Game	Clearwater Hatchery	ST	SU	2006	64,000	04-17-06	04-21-06	S Fk Clearwater River	Clearwater River M F
Idaho Dept. of Fish and Game	Clearwater Hatchery	ST	SU	2006	84,000	04-12-06	04-21-06	Crooked R Acclim Pond	S Fk Clearwater River
Idaho Dept. of Fish and Game	Clearwater Hatchery	ST	SU	2006	99,700	04-14-06	04-24-06	Red River	S Fk Clearwater River
Idaho Dept. of Fish and Game	Clearwater Hatchery	ST	SU	2006	226,000	04-17-06	04-21-06	S Fk Clearwater River	Clearwater River M F
Idaho Dept. of Fish and Game	Dworshak NFH	ST	SU	2006	1,200,000	04-17-06	04-21-06	Clearwater River	Snake River
Idaho Dept. of Fish and Game	Magic Valley Hatchery	ST	SU	2006	10,000	04-17-06	04-18-06	Hayden Creek Hatchery	Lemhi River
Idaho Dept. of Fish and Game	Magic Valley Hatchery	ST	SU	2006	10,000	04-17-06	04-18-06	Hayden Creek Hatchery	Lemhi River
Idaho Dept. of Fish and Game	Magic Valley Hatchery	ST	SU	2006	20,000	04-17-06	04-18-06	Lemhi River	Salmon River (ID)
Idaho Dept. of Fish and Game	Magic Valley Hatchery	ST	SU	2006	30,000	04-19-06	04-19-06	Pahsimeroi River	Pahsimeroi River
Idaho Dept. of Fish and Game	Magic Valley Hatchery	ST	SU	2006	30,000	04-27-06	04-28-06	Valley Creek	Salmon River (ID)
Idaho Dept. of Fish and Game	Magic Valley Hatchery	ST	SU	2006	32,000	04-26-06	04-27-06	Yankee Fk (Salmon R)	Salmon River (ID)
Idaho Dept. of Fish and Game	Magic Valley Hatchery	ST	SU	2006	40,000	04-17-06	04-18-06	Hayden Creek Hatchery	Lemhi River
Idaho Dept. of Fish and Game	Magic Valley Hatchery	ST	SU	2006	40,000	04-17-06	04-18-06	Lemhi River	Salmon River (ID)
Idaho Dept. of Fish and Game	Magic Valley Hatchery	ST	SU	2006	54,000	04-21-06	04-21-06	Salmon River (ID)	Salmon River (ID)
Idaho Dept. of Fish and Game	Magic Valley Hatchery	ST	SU	2006	63,000	04-26-06	04-27-06	Yankee Fk (Salmon R)	Salmon River (ID)
Idaho Dept. of Fish and Game	Magic Valley Hatchery	ST	SU	2006	80,000	04-17-06	04-17-06	Salmon River (ID)	Salmon River (ID)
Idaho Dept. of Fish and Game	Magic Valley Hatchery	ST	SU	2006	102,000	04-12-06	04-14-06	Salmon River (ID)	Salmon River (ID)
Idaho Dept. of Fish and Game	Magic Valley Hatchery	ST	SU	2006	110,000	04-12-06	04-14-06	Salmon River (ID)	Salmon River (ID)
Idaho Dept. of Fish and Game	Magic Valley Hatchery	ST	SU	2006	122,000	04-19-06	04-20-06	McNabb/Salmon River	Salmon River (ID)
Idaho Dept. of Fish and Game	Magic Valley Hatchery	ST	SU	2006	200,000	04-24-06	04-26-06	Squaw Creek	Salmon River (ID)
Idaho Dept. of Fish and Game	Magic Valley Hatchery	ST	SU	2006	228,000	04-21-06	04-25-06	East Fk Salmon River	Salmon River (ID)
Idaho Dept. of Fish and Game	Magic Valley Hatchery	ST	SU	2006	248,000	04-11-06	04-14-06	Little Salmon River	Salmon River (ID)
Idaho Dept. of Fish and Game	Niagara Springs	ST	SU	2006	170,000	03-31-06	04-24-06	Little Salmon River	Salmon River (ID)
Idaho Dept. of Fish and Game	Niagara Springs	ST	SU	2006	830,000	04-05-06	04-21-06	Pahsimeroi River	Pahsimeroi River
Idaho Dept. of Fish and Game	Rapid River Hatchery	CH1	SP	2006	2,535,000	03-13-06	04-21-06	Rapid River	Little Salmon River
Idaho Dept. of Fish and Game	Sawtooth Hatchery	CH1	SP	2006	1,554,000	04-03-06	04-21-06	Sawtooth Hatchery	Salmon River (ID)
Idaho Dept. of Fish and Game Total					8,372,700				
Nez Perce Tribe	Clearwater Hatchery	CO	UN	2006	30,000	04-15-06	04-15-06	Orofino Creek	Clearwater River M F
Nez Perce Tribe	Clearwater Hatchery	ST	SU	2006	22,500	04-25-06	04-25-06	Meadow Creek - CLES	S Fk Clearwater River
Nez Perce Tribe	Clearwater Hatchery	ST	SU	2006	22,500	04-25-06	04-25-06	Mill Cr Bridge	S Fk Clearwater River
Nez Perce Tribe	Clearwater Hatchery	ST	SU	2006	44,000	04-14-06	04-24-06	Red River	S Fk Clearwater River
Nez Perce Tribe	Clearwater Hatchery	ST	SU	2006	46,000	04-14-06	04-24-06	Red River	S Fk Clearwater River
Nez Perce Tribe	Clearwater Hatchery	ST	SU	2006	56,000	04-26-06	04-26-06	Lolo Creek	Clearwater River M F
Nez Perce Tribe	Dworshak NFH	ST	SU	2006	100,000	04-10-06	04-14-06	American River	S Fk Clearwater River
Nez Perce Tribe	Dworshak NFH	ST	SU	2006	100,000	04-10-06	04-14-06	Newsome Creek	S Fk Clearwater River
Nez Perce Tribe	Irrigon Hatchery	ST	SU	2006	162,000	04-11-06	05-02-06	L Sheep Acclim Pond	Imnaha River
Nez Perce Tribe	Lookingglass Hatchery	CH1	SP	2006	135,800	03-28-06	04-17-06	Lostine Accim Pond	Wallowa River
Nez Perce Tribe	Lyons Ferry Hatchery	CH1	FA	2006	130,000	04-13-06	04-14-06	Big Canyon (Clearwater River)	Clearwater River M F
Nez Perce Tribe Total					848,800				
Oregon Dept. of Fish and Wildlife	Irrigon Hatchery Complex	ST	SU	2006	95,000	04-13-06	04-14-06	Big Canyon Acclim.Pd (Grande Ronde)	Grande Ronde River
Oregon Dept. of Fish and Wildlife	Lookingglass Hatchery	CH1	SP	2006	63,864	03-21-06	04-14-06	Imnaha Acclim Pond	Imnaha River
Oregon Dept. of Fish and Wildlife	Lookingglass Hatchery	CH1	SP	2006	64,105	03-21-06	04-14-06	Imnaha Acclim Pond	Imnaha River
Oregon Dept. of Fish and Wildlife	Lookingglass Hatchery	CH1	SP	2006	64,167	03-21-06	04-14-06	Imnaha Acclim Pond	Imnaha River
Oregon Dept. of Fish and Wildlife	Lookingglass Hatchery	CH1	SP	2006	64,357	03-21-06	04-14-06	Imnaha Acclim Pond	Imnaha River
Oregon Dept. of Fish and Wildlife	Lookingglass Hatchery	CH1	SP	2006	64,404	03-21-06	04-14-06	Imnaha Acclim Pond	Imnaha River
Oregon Dept. of Fish and Wildlife Total					415,897				

4/14/06

HATCHERY RELEASE NEXT TWO WEEKS (con't)

U.S. Fish and Wildlife Service	Dworshak NFH	ST	SU	2006	300,000	04-10-06	04-14-06	Clear Creek	Clearwater River M F
U.S. Fish and Wildlife Service	Dworshak NFH	ST	SU	2006	300,000	04-10-06	04-14-06	S Fk Clearwater River	Clearwater River M F
U.S. Fish and Wildlife Service	Hagerman NFH	ST	SU	2006	740,000	04-14-06	05-05-06	Salmon River (ID)	Salmon River (ID)
U.S. Fish and Wildlife Service	Leavenworth NFH	CH1	SP	2006	1,006,000	04-17-06	04-17-06	Icicle Creek	Wenatchee River
U.S. Fish and Wildlife Service	Little White Salmon NFH	CH1	SP	2006	250,000	04-20-06	04-20-06	Little White Salmon River	Little White Salmon River
U.S. Fish and Wildlife Service	Spring Creek NFH	CH1	FA	2006	4,200,000	04-17-06	04-17-06	Spring Creek Hatchery	L Col R (D/s McN Dam)
U.S. Fish and Wildlife Service	Warm Springs NFH	CH1	SP	2006	568,250	03-30-06	04-26-06	Warm Springs Hatchery	Deschutes River
U.S. Fish and Wildlife Service	Winthrop NFH	CH1	SP	2006	485,000	04-17-06	04-21-06	Winthrop Hatchery	Methow River
U.S. Fish and Wildlife Service	Winthrop NFH	CO	UN	2006	42,000	04-20-06	04-30-06	Winthrop Hatchery	Methow River
U.S. Fish and Wildlife Service	Winthrop NFH	CO	UN	2006	75,000	04-20-06	04-30-06	Winthrop Hatchery	Methow River
U.S. Fish and Wildlife Service	Winthrop NFH	CO	UN	2006	194,000	04-20-06	04-30-06	Winthrop Hatchery	Methow River
U.S. Fish and Wildlife Service	Winthrop NFH	ST	SU	2006	102,000	04-14-06	04-30-06	Winthrop Hatchery	Methow River
U.S. Fish and Wildlife Service Total					8,262,250				
Umatilla Tribe	Bonneville Hatchery	CH1	FA	2006	244,295	04-15-06	04-30-06	Thornhollow Acclim Pond	Umatilla River
Umatilla Tribe	Little White Salmon NFH	CH1	SP	2006	182,284	04-15-06	04-30-06	Imeques Acclim Pond	Umatilla River
Umatilla Tribe Total					426,579				
Warm Springs Tribe	Oak Springs Hatchery	ST	SU	2006	12,000	04-13-06	04-18-06	W Fk Hood River	Hood River
Warm Springs Tribe	Oak Springs Hatchery	ST	SU	2006	17,049	04-19-06	04-19-06	Blackberry Acclim Pond	Hood River
Warm Springs Tribe	Oak Springs Hatchery	ST	WI	2006	500	04-27-06	04-27-06	Hood River	Hood River
Warm Springs Tribe	Oak Springs Hatchery	ST	WI	2006	11,000	04-06-06	04-28-06	Parkdale Acclim Pond	Hood River
Warm Springs Tribe	Oak Springs Hatchery	ST	WI	2006	17,500	03-27-06	04-27-06	E Fk Hood River	Hood River
Warm Springs Tribe	Round Butte Hatchery	CH1	SP	2006	160	04-22-06	04-22-06	Hood River	Hood River
Warm Springs Tribe	Round Butte Hatchery	CH1	SP	2006	15,000	04-11-06	04-17-06	W Fk Hood River	Hood River
Warm Springs Tribe	Round Butte Hatchery	CH1	SP	2006	15,000	04-11-06	04-17-06	W Fk Hood River	Hood River
Warm Springs Tribe	Round Butte Hatchery	CH1	SP	2006	19,950	04-18-06	04-18-06	Blackberry Acclim Pond	Hood River
Warm Springs Tribe	Round Butte Hatchery	CH1	SP	2006	23,000	04-25-06	05-08-06	W Fk Hood River	Hood River
Warm Springs Tribe	Round Butte Hatchery	CH1	SP	2006	23,000	04-25-06	05-08-06	W Fk Hood River	Hood River
Warm Springs Tribe	Round Butte Hatchery	CH1	SP	2006	33,000	03-21-06	05-04-06	Parkdale Acclim Pond	Hood River
Warm Springs Tribe	Round Butte Hatchery	CH1	SU	2006	19,950	04-18-06	04-18-06	Jones Creek Acclim Pond	Hood River
Warm Springs Tribe Total					207,109				
Washington Dept. of Fish and Wildlife	Eastbank Hatchery	CH1	SU	2006	401,000	04-15-06	05-01-06	Carlton Acclim Pond	Methow River
Washington Dept. of Fish and Wildlife	Lyons Ferry Hatchery	CH1	SP	2006	65,000	03-15-06	04-18-06	Curl Lake Acclim Pond	Tucannon River
Washington Dept. of Fish and Wildlife	Lyons Ferry Hatchery	ST	SU	2006	50,000	04-15-06	04-30-06	Baileysburg Bridge	Touchet River
Washington Dept. of Fish and Wildlife	Lyons Ferry Hatchery	ST	SU	2006	60,000	04-15-06	04-30-06	Lyons Ferry Hatchery	Snake River
Washington Dept. of Fish and Wildlife	Lyons Ferry Hatchery	ST	SU	2006	85,000	04-15-06	04-30-06	Dayton Acclim Pond	Touchet River
Washington Dept. of Fish and Wildlife	Lyons Ferry Hatchery	ST	SU	2006	100,000	04-15-06	04-30-06	Tucannon River	Tucannon River
Washington Dept. of Fish and Wildlife	Lyons Ferry Hatchery	ST	SU	2006	100,000	04-15-06	04-30-06	Walla Walla River	Walla Walla River
Washington Dept. of Fish and Wildlife	Lyons Ferry Hatchery	ST	SU	2006	160,000	04-15-06	04-30-06	Cottonwood Acclim Pond	Grande Ronde River
Washington Dept. of Fish and Wildlife	Methow Hatchery	CH1	SP	2006	65,000	04-15-06	05-01-06	Methow River	Methow River
Washington Dept. of Fish and Wildlife	Methow Hatchery	CH1	SP	2006	99,500	04-15-06	05-01-06	Twisp River	Methow River
Washington Dept. of Fish and Wildlife	Methow Hatchery	CH1	SP	2006	206,000	04-15-06	05-01-06	Chewuch Acclim Pond	Methow River
Washington Dept. of Fish and Wildlife	Ringold Springs Hatchery	CH0	SP	2006	480,000	04-10-06	04-30-06	Ringold Springs Hatchery	Mid-Columbia River
Washington Dept. of Fish and Wildlife	Ringold Springs Hatchery	ST	SU	2006	280,000	04-10-06	04-30-06	Ringold Springs Hatchery	Mid-Columbia River
Washington Dept. of Fish and Wildlife	Skamania Hatchery	ST	WI	2006	4,500	04-17-06	04-17-06	Salmon Creek (WA)	Columbia River
Washington Dept. of Fish and Wildlife	Tucannon Hatchery	CH1	SP	2006	199,800	04-03-06	04-23-06	Curl Lake Acclim Pond	Tucannon River
Washington Dept. of Fish and Wildlife	Tucannon Hatchery	ST	SU	2006	65,000	04-03-06	04-30-06	Tucannon River	Tucannon River
Washington Dept. of Fish and Wildlife Total					2,420,800				
Yakama Tribe	Cle Elem Hatchery	CH1	SP	2006	231,551	03-15-06	05-14-06	Jack Creek Acclim Pond	Yakima River
Yakama Tribe	Cle Elem Hatchery	CH1	SP	2006	273,636	03-15-06	05-14-06	Easton Pond	Yakima River
Yakama Tribe	Cle Elem Hatchery	CH1	SP	2006	280,667	03-15-06	05-14-06	Clark Flat Acclim Pond	Yakima River
Yakama Tribe	Leavenworth NFH	CO	UN	2006	34,112	04-26-06	05-15-06	Nason Creek	Wenatchee River
Yakama Tribe	Leavenworth NFH	CO	UN	2006	108,064	04-26-06	05-15-06	Maheer Creek Acclim. Pond	Wenatchee River
Yakama Tribe	Leavenworth NFH	CO	UN	2006	108,574	04-26-06	05-15-06	Coulter Creek	Wenatchee River
Yakama Tribe	Leavenworth NFH	CO	UN	2006	115,088	04-15-06	04-15-06	Leavenworth Hatchery	Wenatchee River
Yakama Tribe	Leavenworth NFH	CO	UN	2006	610,951	04-15-06	04-15-06	Leavenworth Hatchery	Wenatchee River
Yakama Tribe	Prosser Acclim. Pond	CH0	FA	2006	125,000	04-15-06	04-15-06	Prosser Acclim Pond	Yakima River
Yakama Tribe	Prosser Acclim. Pond	CH0	FA	2006	125,000	04-15-06	04-15-06	Stiles Pond	Yakima River
Yakama Tribe	Prosser Acclim. Pond	CH0	FA	2006	1,700,000	04-15-06	04-15-06	Prosser Acclim Pond	Yakima River
Yakama Tribe	Wells Hatchery	CO	UN	2006	149,804	04-19-06	04-30-06	Wells Hatchery	Mid-Columbia River
Yakama Tribe	Winthrop NFH	CO	UN	2006	74,800	04-19-06	04-30-06	Winthrop Hatchery	Methow River
Yakama Tribe	Winthrop NFH	CO	UN	2006	245,241	03-19-06	04-30-06	Winthrop Hatchery	Methow River
Yakama Tribe	Yakama Hatchery	CH0	FA	2006	2,000	04-15-06	04-15-06	Marion Drain	Yakima River
Yakama Tribe Total					4,184,488				
Grand Total					25,138,623				

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	<u>24 h</u>	<u>12 h</u>	High					
	Avg	Avg		Avg	Avg		Avg	Avg		Avg	Avg		Avg	Avg			Avg	Avg		
3/31	---	---	---	0	106	107	108	24	105	105	106	24	105	105	107	24	104	105	105	24
4/1	---	---	---	0	106	106	107	24	105	105	105	24	104	105	105	24	104	104	104	22
4/2	---	---	---	0	105	106	107	24	104	104	105	24	103	104	104	24	103	103	104	24
4/3	---	---	---	0	106	106	107	24	105	105	105	24	104	104	105	24	104	104	105	24
4/4	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
4/5	---	---	---	0	106	107	108	24	106	106	107	24	105	105	107	24	105	105	105	24
4/6	---	---	---	0	105	106	106	24	106	106	106	24	104	104	105	24	104	104	104	24
4/7	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
4/8	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
4/9	---	---	---	0	110	112	112	24	106	106	106	24	104	105	106	24	104	104	105	24
4/10	---	---	---	0	109	111	113	24	106	106	107	24	105	105	106	24	105	105	105	24
4/11	---	---	---	0	111	113	115	24	106	106	106	24	104	105	105	23	104	104	105	24
4/12	---	---	---	0	113	115	118	24	106	106	107	24	104	105	105	24	104	104	104	7
4/13	---	---	---	0	116	117	118	21	106	106	107	23	104	104	105	21	---	---	---	0

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	<u>24 h</u>	<u>12 h</u>	High					
	Avg	Avg		Avg	Avg		Avg	Avg		Avg	Avg		Avg	Avg			Avg			
3/31	105	105	106	24	105	105	105	15	105	105	106	15	98	98	98	24	98	98	98	24
4/1	104	104	105	22	105	105	105	24	105	105	105	24	98	98	98	24	98	98	98	24
4/2	104	104	105	24	103	103	104	23	103	104	104	23	98	98	98	22	98	98	98	22
4/3	104	105	105	24	103	104	104	24	104	104	104	24	98	98	98	24	98	98	98	24
4/4	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
4/5	105	106	107	24	104	105	105	24	105	105	105	24	98	98	98	24	98	98	99	24
4/6	104	105	106	22	104	104	104	24	104	104	105	24	98	98	98	24	98	98	98	24
4/7	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
4/8	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
4/9	105	105	106	24	104	104	104	24	105	107	111	24	98	98	98	24	98	98	98	24
4/10	105	105	106	23	105	105	105	20	105	105	105	20	103	109	110	24	98	98	98	24
4/11	105	105	106	24	104	104	105	15	109	110	116	15	106	106	108	24	98	98	98	24
4/12	105	105	106	7	104	104	104	16	107	107	111	16	106	107	111	24	103	107	112	24
4/13	---	---	---	0	104	104	104	16	109	110	115	16	110	112	113	23	111	112	114	23

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	<u>24 h</u>	<u>12 h</u>	High					
	Avg	Avg		Avg	Avg		Avg	Avg		Avg	Avg		Avg	Avg			Avg			
3/31	98	98	98	24	99	99	99	24	---	---	---	0	---	---	---	0	---	---	---	0
4/1	98	98	98	24	99	99	99	24	---	---	---	0	---	---	---	0	---	---	---	0
4/2	98	98	98	22	99	99	99	22	---	---	---	0	---	---	---	0	---	---	---	0
4/3	98	98	98	24	99	99	99	24	---	---	---	0	---	---	---	0	---	---	---	0
4/4	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
4/5	98	98	98	24	99	99	99	24	---	---	---	0	---	---	---	0	---	---	---	0
4/6	98	98	98	24	99	99	99	24	---	---	---	0	---	---	---	0	---	---	---	0
4/7	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
4/8	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
4/9	98	98	98	24	99	99	99	24	---	---	---	0	---	---	---	0	---	---	---	0
4/10	102	106	109	24	99	99	99	24	---	---	---	0	---	---	---	0	---	---	---	0
4/11	107	108	109	24	103	106	106	24	---	---	---	0	---	---	---	0	---	---	---	0
4/12	105	105	106	24	105	105	106	24	---	---	---	0	---	---	---	0	---	---	---	0
4/13	110	112	113	23	110	112	113	23	---	---	---	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>Clwrtr-Peck</u>			<u>Anatone</u>			#				
	<u>24 h</u>	<u>12 h</u>	<u>High</u>	<u>24 h</u>	<u>12 h</u>	<u>High</u>	<u>24 h</u>	<u>12 h</u>	<u>High</u>	<u>24 h</u>	<u>12 h</u>	<u>High</u>	<u>24 h</u>	<u>12 h</u>	<u>High</u>					
	<u>Avg</u>	<u>Avg</u>		<u>Avg</u>	<u>Avg</u>		<u>Avg</u>	<u>Avg</u>		<u>Avg</u>	<u>Avg</u>		<u>Avg</u>	<u>Avg</u>			<u>Avg</u>	<u>Avg</u>	<u>Avg</u>	
3/31	---	---	---	0	105	106	107	24	96	96	97	24	99	99	100	24	104	104	105	24
4/1	---	---	---	0	103	104	105	24	96	96	97	16	98	98	99	24	103	103	104	24
4/2	---	---	---	0	102	103	103	23	95	95	96	11	98	99	100	23	103	104	105	23
4/3	---	---	---	0	104	104	105	24	96	96	96	24	98	99	99	24	104	105	105	24
4/4	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
4/5	---	---	---	0	104	105	105	24	97	97	97	24	99	99	99	24	105	106	106	24
4/6	---	---	---	0	103	104	105	24	96	96	99	8	98	99	99	24	106	107	107	23
4/7	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
4/8	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
4/9	---	---	---	0	102	104	104	24	96	96	96	24	100	100	101	24	107	108	109	21
4/10	---	---	---	0	105	107	109	24	96	96	97	24	99	100	100	24	108	108	108	23
4/11	---	---	---	0	103	104	105	24	97	97	99	24	99	100	100	24	108	108	109	24
4/12	---	---	---	0	104	106	109	24	99	100	100	23	100	101	101	23	108	109	109	24
4/13	---	---	---	0	104	104	105	23	100	102	109	23	100	101	104	23	108	109	109	23

Total Dissolved Gas Saturation Data at Snake River Sites

Date	<u>Clwrtr-Lewiston</u>			<u>Lower Granite</u>			<u>L. Granite Tlwr</u>			<u>Little Goose</u>			<u>L. Goose Tlwr</u>			#				
	<u>24 h</u>	<u>12 h</u>	<u>High</u>	<u>24 h</u>	<u>12 h</u>	<u>High</u>	<u>24 h</u>	<u>12 h</u>	<u>High</u>	<u>24 h</u>	<u>12 h</u>	<u>High</u>	<u>24 h</u>	<u>12 h</u>	<u>High</u>					
	<u>Avg</u>	<u>Avg</u>		<u>Avg</u>	<u>Avg</u>		<u>Avg</u>	<u>Avg</u>		<u>Avg</u>	<u>Avg</u>		<u>Avg</u>	<u>Avg</u>			<u>Avg</u>	<u>Avg</u>		
3/31	100	102	103	24	103	103	104	24	103	103	103	11	103	104	105	24	103	104	104	24
4/1	99	100	100	24	102	102	103	24	101	102	102	24	103	103	103	24	102	103	103	24
4/2	100	101	103	23	102	102	102	23	102	103	111	23	102	102	103	23	102	103	112	23
4/3	100	101	102	24	102	103	103	24	111	113	113	24	103	103	103	24	112	112	113	24
4/4	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
4/5	99	100	100	24	104	104	105	19	116	118	120	19	103	104	106	24	112	113	113	24
4/6	99	99	100	24	102	102	103	24	114	116	118	24	107	108	108	24	114	115	117	24
4/7	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
4/8	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
4/9	101	102	103	24	106	106	106	24	117	118	119	24	114	114	114	24	118	118	118	24
4/10	100	101	102	24	107	107	107	24	118	119	121	24	114	114	114	24	118	118	118	24
4/11	100	101	102	24	106	107	107	24	117	117	119	24	113	114	115	24	118	119	124	24
4/12	100	101	102	23	106	106	106	24	118	118	120	24	112	113	113	24	117	118	123	24
4/13	100	101	102	23	106	107	107	23	117	118	118	23	112	112	113	23	117	119	128	23

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

Date	<u>Lower Mon.</u>			<u>L. Mon. Tlwr</u>			<u>Ice Harbor</u>			<u>Ice Harbor Tlwr</u>			<u>McNary-Oregon</u>			#				
	<u>24 h</u>	<u>12 h</u>	<u>High</u>	<u>24 h</u>	<u>12 h</u>	<u>High</u>	<u>24 h</u>	<u>12 h</u>	<u>High</u>	<u>24 h</u>	<u>12 h</u>	<u>High</u>	<u>24 h</u>	<u>12 h</u>	<u>High</u>					
	<u>Avg</u>	<u>Avg</u>		<u>Avg</u>	<u>Avg</u>		<u>Avg</u>	<u>Avg</u>		<u>Avg</u>	<u>Avg</u>		<u>Avg</u>	<u>Avg</u>			<u>Avg</u>	<u>Avg</u>		
3/31	104	104	105	24	104	104	105	24	104	104	104	24	104	104	104	24	106	107	108	24
4/1	103	103	104	24	103	104	104	24	104	104	104	24	103	104	104	24	104	105	105	24
4/2	102	102	102	22	103	103	116	23	102	103	103	23	103	104	117	23	104	105	105	23
4/3	103	103	103	24	116	116	117	24	103	103	103	24	115	116	117	24	104	104	105	24
4/4	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
4/5	110	110	111	24	116	117	117	24	112	113	114	24	118	119	123	24	104	105	106	24
4/6	109	109	110	24	117	117	117	24	112	113	113	24	119	122	123	24	107	107	108	24
4/7	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
4/8	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
4/9	114	115	116	24	118	118	118	24	113	114	115	24	119	119	120	24	111	111	112	24
4/10	117	118	118	24	118	118	119	24	115	115	115	24	119	119	120	24	110	110	111	13
4/11	117	117	117	24	117	118	119	24	115	115	116	24	118	119	119	24	---	---	---	0
4/12	117	118	119	24	116	117	118	24	116	116	116	24	118	119	120	24	---	---	---	0
4/13	116	117	119	23	116	117	122	23	115	116	116	23	119	120	120	23	---	---	---	0

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

Total Dissolved Gas Saturation Data at Lower Columbia River Sites

Date	<u>McNary-Wash</u>			<u>McNary Tlwr</u>			<u>John Day</u>			<u>John Day Tlwr</u>			<u>The Dalles</u>							
	<u>24 h</u>	<u>12 h</u>	<u>#</u>	<u>24 h</u>	<u>12 h</u>	<u>#</u>	<u>24h</u>	<u>12h</u>	<u>#</u>	<u>24h</u>	<u>12h</u>	<u>#</u>	<u>24h</u>	<u>12h</u>	<u>#</u>					
	Avg	Avg	High	hr	Avg	Avg	High	hr	Avg	Avg	High	hr	Avg	AVG	High	hr				
3/31	106	106	107	24	106	106	106	24	106	107	107	24	105	106	106	24	106	106	107	24
4/1	105	105	107	24	105	105	106	24	105	106	106	24	105	105	105	24	105	106	106	24
4/2	104	105	105	23	105	105	114	23	105	105	105	23	104	105	105	22	105	105	105	23
4/3	104	104	105	24	111	115	115	24	106	106	106	24	105	105	105	24	105	106	106	24
4/4	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
4/5	106	106	107	24	117	120	121	24	106	106	107	24	110	113	113	24	106	106	106	24
4/6	104	104	105	24	118	119	120	24	104	104	105	24	114	115	115	24	105	105	105	24
4/7	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
4/8	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
4/9	108	109	110	24	119	119	120	24	106	108	108	24	112	119	121	24	105	106	107	24
4/10	108	109	109	24	119	120	120	24	109	110	111	24	119	120	120	24	110	111	112	24
4/11	109	110	111	24	120	122	124	24	111	112	112	24	119	120	121	24	112	113	114	24
4/12	110	111	111	24	118	119	119	24	112	113	113	24	119	119	120	24	113	114	115	24
4/13	110	110	111	23	118	119	119	23	112	113	113	24	119	120	120	24	113	114	114	24

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>#</u>	<u>24 h</u>	<u>12 h</u>	<u>#</u>	<u>24h</u>	<u>12h</u>	<u>#</u>	<u>24h</u>	<u>12h</u>	<u>#</u>	<u>24h</u>	<u>12h</u>	<u>#</u>					
	Avg	Avg	High	hr	Avg	Avg	High	hr	Avg	Avg	High	hr	Avg	Avg	High	hr				
3/31	106	106	107	24	105	105	105	24	105	106	106	24	105	106	107	24	119	119	121	17
4/1	105	106	106	24	105	105	105	24	105	105	106	22	105	106	106	24	118	118	121	17
4/2	105	105	105	23	104	105	105	23	105	105	105	22	104	105	106	22	120	121	122	17
4/3	105	106	106	24	105	105	106	24	105	105	106	23	105	105	106	24	117	118	123	17
4/4	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
4/5	107	108	109	24	106	106	106	24	106	107	107	23	107	107	108	24	115	116	116	17
4/6	109	110	111	24	104	104	105	24	107	108	109	23	105	106	106	24	117	119	120	17
4/7	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
4/8	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0	---	---	---	0
4/9	107	110	112	24	110	111	112	24	112	113	114	23	112	112	113	24	118	119	120	15
4/10	116	117	118	24	107	109	110	24	111	112	114	23	111	112	112	24	121	121	122	17
4/11	116	117	118	24	114	115	115	24	116	117	118	23	113	115	116	24	124	124	124	17
4/12	117	118	118	24	115	116	116	24	117	117	118	23	117	118	119	24	120	121	124	17
4/13	117	118	118	24	115	115	116	24	116	116	116	23	115	116	116	24	119	119	121	17

Two-Week Summary of Passage Indices

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

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

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

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

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)
03/31/2006	44	220	444	15	400	---	---	---	---	---	357
04/01/2006	108	4,380	308	9	1,760	---	---	---	---	---	447
04/02/2006	* 854	2,936	866	22	4,800	4	---	1	---	---	511
04/03/2006	* 225	1,287	315	15	5,392	0	---	2	91	---	452
04/04/2006	* 252	651	320	42	6,316	0	0	7	---	1,060	675
04/05/2006	* 2,147	42	205	98	7,931	19	0	10	157	694	890
04/06/2006	* 2,293	---	8	362	8,543	0	0	6	---	726	1,181
04/07/2006	* 2,548	---	---	389	7,964	0	417	4	267	1,257	2,465
04/08/2006	* 1,947	---	20	185	17,132	78	0	10	---	3,072	3,024
04/09/2006	* 2,694	---	19	185	24,961	0	0	8	321	1,677	3,011
04/10/2006	* 1,197	1,086	42	148	24,147	0	1,720	7	---	2,240	2,902
04/11/2006	* 781	1,875	179	---	19,093	393	0	5	4,012	2,821	4,902
04/12/2006	* 731	682	399	---	20,432	0	0	60	---	3,941	30,899
04/13/2006	* 490	---	373	---	17,806	3	726	440	6,747	1,840	41,295
04/14/2006	---	---	---	---	---	---	---	---	---	---	---
<hr/>											
Total:	16,311	13,159	3,498	1,470	166,677	497	2,863	560	11,595	19,328	93,011
# Days:	14	9	13	11	14	12	10	12	6	10	14
Average:	1,165	1,462	269	134	11,906	41	286	47	1,933	1,933	6,644
YTD	16,506	21,538	6,286	1,556	167,977	497	2,863	560	11,595	19,328	120,175

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)
03/31/2006	0	0	0	0	50	---	---	---	---	---	757
04/01/2006	0	0	0	0	10	---	---	---	---	---	705
04/02/2006	* 0	0	0	3	80	1	---	7	---	---	643
04/03/2006	* 0	0	1	0	66	0	---	39	60	---	724
04/04/2006	* 0	1	0	0	0	0	12	57	---	0	617
04/05/2006	* 0	0	0	6	0	0	0	38	579	0	483
04/06/2006	* 0	---	0	0	32	0	0	128	---	0	435
04/07/2006	* 0	---	---	0	329	0	6	47	847	0	1,033
04/08/2006	* 0	---	0	0	1,802	0	0	34	---	0	1,107
04/09/2006	* 0	---	0	0	2,118	0	0	32	1,614	0	263
04/10/2006	* 0	0	0	0	0	0	29	27	---	0	446
04/11/2006	* 0	0	0	---	1,262	3	0	13	1,597	72	598
04/12/2006	* 0	0	0	---	0	0	0	37	---	104	1,070
04/13/2006	* 0	---	0	---	471	0	26	35	871	33	1,645
04/14/2006	---	---	---	---	---	---	---	---	---	---	---
<hr/>											
Total:	0	1	1	9	6,220	4	73	494	5,568	209	10,526
# Days:	14	9	13	11	14	12	10	12	6	10	14
Average:	0	0	0	1	444	0	7	41	928	21	752
YTD	3	30	5	15	6,220	4	73	494	5,568	209	771,037

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)
03/31/2006	0	0	0	0	0	---	---	---	---	---	136
04/01/2006	0	0	0	0	0	---	---	---	---	---	154
04/02/2006	*	0	0	0	0	0	---	0	---	---	238
04/03/2006	*	0	0	0	1	0	---	1	0	---	313
04/04/2006	*	0	0	0	0	28	0	0	---	0	438
04/05/2006	*	0	0	0	0	0	0	0	7	0	453
04/06/2006	*	0	---	0	4	0	0	0	1	---	901
04/07/2006	*	0	---	---	3	60	0	0	0	0	2,277
04/08/2006	*	0	---	0	0	33	0	0	---	6	2,499
04/09/2006	*	0	---	0	0	0	0	1	10	0	1,553
04/10/2006	*	0	0	0	1	0	0	0	2	---	2,661
04/11/2006	*	0	0	0	---	0	0	0	1	0	3,135
04/12/2006	*	0	0	0	---	0	0	0	---	11	3,252
04/13/2006	*	0	---	0	---	0	0	0	19	11	2,562
04/14/2006		---	---	---	---	---	---	---	---	---	---
<hr/>											
Total:	0	0	0	9	121	0	0	6	36	39	20,572
# Days:	14	9	13	11	14	12	10	12	6	10	14
Average:	0	0	0	1	9	0	0	1	6	4	1,469
YTD	0	0	0	9	121	0	0	6	36	39	21,004

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)
03/31/2006	0	8	0	8	3,330	---	---	---	---	---	21
04/01/2006	0	1	2	2	4,420	---	---	---	---	---	35
04/02/2006	*	2	8	4	4,560	15	---	0	---	---	70
04/03/2006	*	4	15	1	4,098	0	---	1	150	---	56
04/04/2006	*	6	12	0	4,024	0	98	0	---	60	72
04/05/2006	*	6	1	9	4,113	189	0	1	271	100	136
04/06/2006	*	4	---	10	3,372	0	0	1	---	134	148
04/07/2006	*	2	---	---	4,790	0	517	0	438	302	321
04/08/2006	*	24	---	1	7,731	734	0	4	---	614	85
04/09/2006	*	23	---	1	12,934	0	0	0	724	288	502
04/10/2006	*	14	11	0	8,296	0	1,005	6	---	1,136	843
04/11/2006	*	13	802	12	11,677	1,067	0	4	1,278	1,451	1,083
04/12/2006	*	9	1,806	102	8,713	0	0	10	---	2,135	502
04/13/2006	*	10	---	368	7,217	0	674	15	2,125	1,740	1,589
04/14/2006		---	---	---	---	---	---	---	---	---	---
<hr/>											
Total:	117	2,664	510	108	89,275	2,005	2,294	42	4,986	7,960	5,463
# Days:	14	9	13	11	14	12	10	12	6	10	14
Average:	8	296	39	10	6,377	167	229	4	831	796	390
YTD	117	2,775	513	130	95,945	2,005	2,294	42	4,986	7,960	5,700

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)
03/31/2006	0	0	0	0	10	---	---	---	---	---	0
04/01/2006	0	0	0	0	20	---	---	---	---	---	0
04/02/2006 *	0	0	0	0	300	0	---	0	---	---	0
04/03/2006 *	0	0	0	0	285	0	---	0	0	---	0
04/04/2006 *	0	0	0	0	252	0	0	0	---	0	0
04/05/2006 *	0	0	0	0	499	9	0	0	0	0	23
04/06/2006 *	0	---	0	0	514	0	0	0	---	0	8
04/07/2006 *	0	---	---	0	509	0	3	0	21	6	100
04/08/2006 *	0	---	0	0	590	6	0	0	---	6	0
04/09/2006 *	0	---	0	0	832	0	0	0	10	10	0
04/10/2006 *	0	0	0	0	444	0	29	1	---	0	0
04/11/2006 *	0	0	0	---	316	10	0	1	22	0	28
04/12/2006 *	0	0	0	---	517	0	0	1	---	0	22
04/13/2006 *	0	---	0	---	392	3	0	0	0	0	56
04/14/2006	---	---	---	---	---	---	---	---	---	---	---
<hr/>											
Total:	0	0	0	0	5,480	28	32	3	53	22	237
# Days:	14	9	13	11	14	12	10	12	6	10	14
Average:	0	0	0	0	391	2	3	0	9	2	17
YTD	0	0	0	0	5,590	28	32	3	53	22	323

* 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:

4/14/06 9:31 AM

		04/01/06	TO	04/14/06			
		Species					
Site	Data	CH0	CH1	CO	SO	ST	Grand Total
LGR	Sum of NumberCollected	4,040	112,995	80	3,780	63,804	184,699
	Sum of NumberBarged	0	0	0	0	0	0
	Sum of NumberBypassed	4,036	112,970	80	3,772	63,797	184,655
	Sum of Numbertrucked	0	0	0	0	0	0
	Sum of SampleMorts	4	24	0	8	7	43
	Sum of FacilityMorts	0	1	0	0	0	1
	Sum of ResearchMorts	0	0	0	0	0	0
	Sum of TotalProjectMorts	4	25	0	8	7	44
LGS	Sum of NumberCollected	3	349		19	1,411	1,782
	Sum of NumberBarged	0	0		0	0	0
	Sum of NumberBypassed	3	342		17	1,408	1,770
	Sum of Numbertrucked	0	0		0	0	0
	Sum of SampleMorts	0	3		0	1	4
	Sum of FacilityMorts	0	7		3	3	13
	Sum of ResearchMorts	0	0		0	0	0
	Sum of TotalProjectMorts	0	10		3	4	17
LMN	Sum of NumberCollected	50	2,051		22	1,630	3,753
	Sum of NumberBarged	0	0		0	0	0
	Sum of NumberBypassed	49	2,050		20	1,630	3,749
	Sum of Numbertrucked	0	0		0	0	0
	Sum of SampleMorts	1	1		0	0	2
	Sum of FacilityMorts	0	0		2	0	2
	Sum of ResearchMorts	0	0		0	0	0
	Sum of TotalProjectMorts	1	1		2	0	4
MCN	Sum of NumberCollected	2,842	5,902	20	25	2,609	11,398
	Sum of NumberBarged	0	0	0	0	0	0
	Sum of NumberBypassed	2,818	5,891	20	25	2,607	11,361
	Sum of Numbertrucked	0	0	0	0	0	0
	Sum of SampleMorts	22	7	0	0	0	29
	Sum of FacilityMorts	2	4	0	0	2	8
	Sum of ResearchMorts	0	0	0	0	0	0
	Sum of TotalProjectMorts	24	11	0	0	2	37
Total Sum of NumberCollected		6,935	121,297	100	3,846	69,454	201,632
Total Sum of NumberBarged		0	0	0	0	0	0
Total Sum of NumberBypassed		6,906	121,253	100	3,834	69,442	201,535
Total Sum of Numbertrucked		0	0	0	0	0	0
Total Sum of SampleMorts		27	35	0	8	8	78
Total Sum of FacilityMorts		2	12	0	5	5	24
Total Sum of ResearchMorts		0	0	0	0	0	0
Total Sum of TotalProjectMorts		29	47	0	13	13	102

YTD Transportation Summary

Source: Fish Passage Center

Updated:

4/14/06 9:31 AM

TO: **04/14/06**

		Species						
Site	Data	CH0	CH1	CO	SO	ST	Grand Total	
LGR	Sum of NumberCollected	4,040	114,295	80	3,890	70,474	192,779	
	Sum of NumberBarged	0	0	0	0	0	0	
	Sum of NumberBypassed	4,036	114,267	80	3,881	70,466	192,730	
	Sum of NumberTrucked	0	0	0	0	0	0	
	Sum of SampleMorts	4	27	0	9	8	48	
	Sum of FacilityMorts	0	1	0	0	0	1	
	Sum of ResearchMorts	0	0	0	0	0	0	
	Sum of TotalProjectMorts	4	28	0	9	8	49	
LGS	Sum of NumberCollected	3	349			19	1,411	1,782
	Sum of NumberBarged	0	0			0	0	0
	Sum of NumberBypassed	3	342			17	1,408	1,770
	Sum of NumberTrucked	0	0			0	0	0
	Sum of SampleMorts	0	3			0	1	4
	Sum of FacilityMorts	0	7			3	3	13
	Sum of ResearchMorts	0	0			0	0	0
	Sum of TotalProjectMorts	0	10			3	4	17
LMN	Sum of NumberCollected	50	2,051			22	1,630	3,753
	Sum of NumberBarged	0	0			0	0	0
	Sum of NumberBypassed	49	2,050			20	1,630	3,749
	Sum of NumberTrucked	0	0			0	0	0
	Sum of SampleMorts	1	1			0	0	2
	Sum of FacilityMorts	0	0			2	0	2
	Sum of ResearchMorts	0	0			0	0	0
	Sum of TotalProjectMorts	1	1			2	0	4
MCN	Sum of NumberCollected	2,842	5,902	20	25	2,609	11,398	
	Sum of NumberBarged	0	0	0	0	0	0	
	Sum of NumberBypassed	2,818	5,891	20	25	2,607	11,361	
	Sum of NumberTrucked	0	0	0	0	0	0	
	Sum of SampleMorts	22	7	0	0	0	29	
	Sum of FacilityMorts	2	4	0	0	2	8	
	Sum of ResearchMorts	0	0	0	0	0	0	
	Sum of TotalProjectMorts	24	11	0	0	2	37	
Total Sum of NumberCollected		6,935	122,597	100	3,956	76,124	209,712	
Total Sum of NumberBarged		0	0	0	0	0	0	
Total Sum of NumberBypassed		6,906	122,550	100	3,943	76,111	209,610	
Total Sum of NumberTrucked		0	0	0	0	0	0	
Total Sum of SampleMorts		27	38	0	9	9	83	
Total Sum of FacilityMorts		2	12	0	5	5	24	
Total Sum of ResearchMorts		0	0	0	0	0	0	
Total Sum of TotalProjectMorts		29	50	0	14	14	107	

Cumulative Adult Passage at Mainstem Dams Through: 04/13

DAM	EndDate	Spring Chinook						Summer Chinook						Fall Chinook					
		2006		2005		10-Yr Avg.		2006		2005		10-Yr Avg.		2006		2005		10-Yr Avg.	
		Adult	Jack	Adult	Jack	Adult	Jack	Adult	Jack	Adult	Jack	Adult	Jack	Adult	Jack	Adult	Jack	Adult	Jack
BON	04/13	154	-1	236	0	29,076	77	0	0	0	0	0	0	0	0	0	0	0	0
TDA	04/13	69	-1	106	0	12,390	19	0	0	0	0	0	0	0	0	0	0	0	0
JDA	04/13	28	-2	62	-5	7,006	5	0	0	0	0	0	0	0	0	0	0	0	0
MCN	04/13	8	0	24	0	3,852	5	0	0	0	0	0	0	0	0	0	0	0	0
IHR	04/13	0	0	31	0	1,804	0	0	0	0	0	0	0	0	0	0	0	0	0
LMN	04/13	0	0	3	0	1,018	0	0	0	0	0	0	0	0	0	0	0	0	0
LGS	04/13	0	0	2	0	559	1	0	0	0	0	0	0	0	0	0	0	0	0
LGR	04/13	0	0	1	0	233	0	0	0	0	0	0	0	0	0	0	0	0	0
WFA	04/11	89	0	499	1	n/a	n/a	---	---	---	---	---	---	0	0	0	0	n/a	n/a

DAM	Coho						Sockeye			Steelhead			
	2006		2005		10-Yr Avg.		2006	2005	10-Yr Avg.	10-Yr			Wild 2006
	Adult	Jack	Adult	Jack	Adult	Jack				2006	2005	Avg.	
BON	0	0	0	0	0	0	0	0	0	1,126	326	1550	304
TDA	0	0	0	0	0	0	0	0	0	762	266	511	228
JDA	0	0	1	0	0	0	0	0	0	1,718	464	1641	717
MCN	0	0	0	0	0	0	0	0	0	1,458	516	905	483
IHR	0	0	0	0	0	0	0	0	0	2,034	664	1066	707
LMN	0	0	0	0	0	0	0	0	0	1,694	443	1115	626
LGS	0	0	0	0	0	0	0	0	0	1,699	541	1261	538
LGR	0	0	0	0	0	0	0	0	0	6,008	4,205	5409	1,581
WFA	0	0	0	0	n/a	n/a	0	0	n/a	5,034	4,986	n/a	n/a

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: 04/14/06

BON counts from January 1, 2006 to March 14, 2006 (our traditional counts begin March 15):

Chinook Adult	Chinook Jack	Steelhead	Wild Steelhead
1	0	2,516	238

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

Steelhead
0