



Washington
Department of
**FISH and
WILDLIFE**



2014
Non-Indian Columbia River Summer/Fall
Fishery Allocation Agreement
May 30, 2014

Management Intent for Summer and Fall Season Fisheries

- This agreement reflects the intent of the Washington and Oregon Fish and Wildlife Commission policies and the management objective to optimize non-treaty commercial and recreational fisheries harvest of Chinook and coho within the limitations of the Endangered Species Act (ESA).
- This agreement was developed during the March and April 2014 Pacific Fisheries Management Council and North of Falcon meetings, which included input from commercial and recreational fisheries representatives.
- Management objectives for Columbia River Chinook fisheries include maximizing the harvest of healthy stocks of fall Chinook, while remaining within the limits for all ESA-listed stocks.
- The non-Indian conservation responsibility for ESA-listed Chinook is shared between recreational and commercial fisheries.
- The preseason forecast, after ocean fisheries, for Upriver Bright fall Chinook (URB) at the Columbia River mouth is 919,000 adult fish and includes 61,000 Snake River wild fall Chinook (SRW). Based on these forecasts, the ESA limit on SRW Chinook is 15% for Columbia River non-Indian fisheries.
- For 2014, the most constraining stock is lower Columbia River wild/natural tule Chinook (LCR tule). The Lower River Hatchery (LRH) stock is the surrogate for LCR tules. The ESA limitation is a 41% exploitation rate (ER) for both ocean and Columbia River fisheries. Columbia River fisheries were modeled with an 8% ER, or 19% of the total allowed.
- Preseason shares of LCR tule impacts for Columbia River fisheries are expected to be 70% recreational and 30% commercial. Shares for URB/SRW impacts are expected to be 38% recreational and 62% commercial.
- The preseason forecast for coho is for a return of 638,300 adults to the Columbia River (nearly 975,000 ocean abundance). The ESA limitation for Lower Columbia River wild/natural (LCN) coho is a 22.5% ER. The ER from Columbia River fisheries is expected to be 8.1%, or 36% of the total allowed.

Preseason Fishery Expectations

- The fall fishery expectations outlined in this agreement are based on Model Run “MR2014-Final Preseason”.
- Catch estimates are based on stock-specific preseason abundance forecasts and past stock-specific harvest rates.
- For Columbia River recreational and commercial fall-season fisheries, the Columbia River Compact/Joint States will use the expected preseason shares of LCR and URB-Chinook and LCN coho impacts for each fishery as the primary guidance for making in-season management decisions.
- Preseason catch expectations for fall Chinook in mainstem fisheries (excluding tributary recreational and commercial Select Area Fisheries) are 102,100 adults in recreational fisheries (48%) and 112,600 adults in commercial fisheries (52%).
- Harvest, season structures, and impacts accrued will be influenced by actual fall Chinook abundances and stock-specific harvest rates by each respective fishery.

Goals/expectations for the recreational fishery include:

- The Buoy 10 recreational fishery will begin on August 1 with a two fish/one Chinook daily limit through September 1. During August 30 through September 1 a mark-selective fishery (MSF) for fall Chinook is anticipated, meaning Chinook must be adipose or left-ventral fin clipped.
 - From September 2 - 30, only hatchery coho may be retained (no Chinook). During this time, the daily bag limit will include three hatchery coho.
 - From October 1 through December 31, the daily limit will be two fish/two Chinook.
 - In-season considerations will include the potential for a Chinook MSF during all or part of the scheduled Chinook non-retention period (Sept 2-30), and an evaluation of coho harvest with the potential for a non-MSF coho retention period. These decisions, if warranted, will be made in-season through the Columbia River Compact.
 - Harvest (including release mortality) expectations include 45,700 Chinook (6,600 LRH) and 56,500 hatchery coho.
- The mainstem recreational fishery from the Rocky Point/Tongue Point line upstream to Bonneville Dam will be open August 1 through December 31 but Chinook retention seasons and bag limits vary by river section with the intent of maximizing opportunity while minimizing impacts to LCR Chinook.
 - From the Rocky Point/Tongue Point line upstream to the Lewis River, Chinook retention is allowed August 1 through September 6 followed by a Chinook MSF (adipose fin clip) from September 7 - 14. The daily limit for both fisheries is one fish/one Chinook. Beginning October 1, Chinook retention will reopen with a two fish/two Chinook daily limit.
 - From the Lewis River/Warrior Rock line upstream to the lower end of the Steamboat Landing dock near Washougal, WA, the fishery will be open for

- Chinook retention August 1 through December 31 with a two fish/two Chinook daily limit.
 - From Steamboat Landing upstream to Bonneville Dam, the fishery will open for Chinook retention August 1 through December 31 with a three fish/three Chinook daily limit.
 - Harvest (including release mortality) expectations include 42,800 adult Chinook (2,700 LRH) and 3,800 adult hatchery coho.
- The mainstem recreational fishery from Bonneville Dam upstream to the Highway 395 Bridge in Pasco, Washington will begin on August 1 with a three fish/three Chinook daily limit through December 31. The kept catch expectation is 13,700 adult Chinook.
- To maximize opportunity, recreational fisheries are expected to remain open for hatchery coho and hatchery steelhead August 1 through December 31 throughout the river, including times and areas closed for Chinook retention.
- During all fall fisheries from Buoy 10 upstream to the OR/WA border (upstream of McNary Dam) each legal angler aboard a vessel may continue to deploy angling gear until the daily adult salmonid bag limit for all anglers aboard has been achieved.
- The dates, area restrictions, and catch expectations described above are based on preseason planning and input from the recreational fishing community. In-season events may change many of these expectations.

Goals/expectations for the commercial fishery include:

- The August (Early Fall) fishery is modeled to begin on August 3 and is expected to continue through the end of August, with fishing periods of three to four days per week. Fishery structure is expected to include 9-hour (9 PM-6 AM) periods in Zones 4-5 with a 9-inch minimum mesh size. The catch expectation is 86,400 adult Chinook (2,900 LRH). Additional fishing period(s) with reduced area or hours may be considered in early September to meet harvest guidelines.
- The Late Fall fishery is expected to begin the week of September 14 in Zones 4-5 with 8-inch or 9-inch minimum mesh. The catch expectation is 23,000 adult Chinook (600 LRH).
- Coho-directed fishing periods are expected to begin in early October using 3.75- inch tangle nets. Additional fishing periods using unslackened 6-inch maximum-mesh gillnets are also expected. As in past years, target coho fisheries will likely occur during daylight hours in Zones 1-3. Based on preseason forecasts, up to 70,000 coho may be available for commercial mainstem fisheries.
- Limited beach and purse seine research fisheries are also expected to occur during the fall of 2014. Season structure will be determined in-season through the Columbia River Compact.
- The dates, areas, gear restrictions, and catch expectations described above are based on preseason planning and input from the commercial fishing industry. In-season events may change many of these expectations.

- Sturgeon harvest will be prohibited, consistent with the policies adopted by the Fish and Wildlife Commissions of both Washington and Oregon.

Summer Chinook and Sockeye Fishery Expectations:

- The preseason forecast for upper Columbia summer Chinook is 67,500 fish to the Columbia River. The ocean harvest in non-treaty fisheries south of the U.S./Canada border is modeled at 4,000 fish. Based on an escapement goal of 29,000 adult fish to the Columbia River mouth and the *U.S v Oregon* Management Agreement, the allowable harvest (including release mortality) for all non-Indian fisheries in the Columbia River is 14,600 fish.
- Based on the WDFW Upper Columbia Management Agreement, the available harvest for fisheries downstream from Priest Rapids Dam is 4,700 Chinook (32.5% of available in-river). Commission guidance allocates the harvestable share 60% recreational and 40% commercial.
- The mainstem recreational fishery from the Astoria-Megler Bridge upstream to Bonneville Dam will be open from June 16 through June 30 for hatchery summer Chinook, with a two fish/two Chinook daily limit. The management guideline for this fishery is 2,400 summer Chinook.
- The mainstem recreational fishery from Bonneville Dam upstream to Priest Rapids Dam will be open from June 16 through July 31 for hatchery summer Chinook, with a two fish/two Chinook daily limit. The management guideline for this fishery is 400 summer Chinook.
- The commercial fishery downstream from Bonneville Dam may open as early as June 16. Additional fishing periods may occur the following week, depending on catch and run status. The management guideline for this fishery is 1,900 summer Chinook.
- The preseason forecast for sockeye is 347,100 fish. Non-Indian fisheries downstream of the Snake River are managed for an impact limit of $\leq 1\%$ of the run, or $\leq 3,500$ fish. Retention of sockeye will be allowed during recreational and commercial summer Chinook fisheries. No commercial fisheries targeting sockeye are planned.

Washington Department of Fish and Wildlife
Oregon Department of Fish and Wildlife

Columbia River Fall Chinook Fishery Model Summary

Ocean Option: Option 1 NoF April 9-Apr-14
 Columbia River Model Option: Model MR2014-Final Preseason 10:22 AM

Pre-Season 2014 Final Preseason May 21

Management Guidelines	Goal/Guideline	Total SRW	Total URB
Harvest Rate	45.00%	42.11%	42.48%
Non-Indian	15.00%	12.02%	12.48%
Treaty Indian	30.00%	30.09%	30.00%
% of Harvestable Surplus		Total	
Non-Indian	50%	22%	
Treaty Indian	50%	35%	
McNary Escapement	60,000	444,300	
LRH Ocean/Inriver Exp. Rate	41%	41.0%	
Non-Indian Wild B Index Steelhead	2%	2.0%	
Treaty Indian Total B Index Steelhead	15%	15%	
Upriver Coho to Bonneville Dam	50%	70%	
Lower Columbia Chum	5%	1.5%	

Non-Indian Catch Sharing					
SRW - IMPACTS			Brights - Mainstem		
	Impact	Percent		Catch	Percent
Sport	4.62%	38%	Sport	82,100	48%
Comm	7.40%	62%	Comm	88,300	52%
LRH - Impacts			Chinook - Mainstem		
	Impact	Percent		Catch	Percent
Sport	5.57%	70%	Sport	102,100	48%
Comm	2.39%	30%	Comm	112,600	52%

7.96%

			Total	LRH	LRW	BPH	URB	BUB	LRB	PUB	SAB	SRW	LRH ER	SRW HR
Ocean Harvest			137,940	41,910	1,920	56,650	26,980	1,450	50	8,970				
Columbia River Run			1,507,130	100,680	33,390	103,250	918,990	44,990	1,910	293,700	10,100	61,000	8.0%	
Harvest Below Bonneville		Fishery Description												
Aug 3 Week 32 Z4-5	3.0 days	Week of Aug 3	2,200	60	0	440	1,470	0	0	230	0	100	0.0%	0.2%
Aug 10 Week 33 Z4-5	3.0 days	Week of Aug 10	6,590	170	0	1,310	4,400	0	0	700	0	290	0.1%	0.5%
Aug 17 Week 34 Z4-5	3.0 days	Week of Aug 17	14,440	880	0	3,630	7,250	360	20	2,170	130	480	0.6%	0.8%
Aug 24 Week 35 Z4-5	3.0 days	Week of Aug 24	49,820	1,400	0	11,040	30,530	1,140	50	5,650	0	2,030	0.9%	3.3%
L. August/E. Sep 2S/Z4-5	4.0 hours	Aug 30	13,400	390	0	2,760	8,350	320	10	1,570	0	560	0.3%	0.9%
Sept/Oct Z4-5	3.0 days	Week of Sept 14	22,950	590	790	1,560	12,830	2,500	90	4,590	0	850	0.4%	1.4%
Seine Fishery	Research	Sept	5,200	0	0	0	0	0	0	0	0	0	0.0%	0.0%
October Coho/Chinook	Week of Oct 14	Coho target	2,190	30	220	0	1,040	420	20	450	0	70	0.0%	0.1%
October Tangelnet	Week of Sept 30-Oct 14	Coho target	1,040	20	110	0	490	200	10	220	0	30	0.0%	0.1%
Select Areas		Average season	18,110	8,620	0	470	1,560	230	0	1,110	6,110	100	0.0%	0.2%
Buoy 10 Kept + Morts	+ MSF Thru 9/1	Thru August 29	45,670	6,620	310	4,370	18,270	1,320	40	6,390	2,260	1,140	3.5%	1.9%
TP to Lewis	+ MSF Thru 9/14	Thru Sept 6	30,080	2,290	650	150	17,630	1,550	60	7,700	40	1,060	1.0%	1.7%
Lewis to Bonn	2/3 Fish Bag	Aug 1-Dec 31	12,700	410	0	100	8,380	300	10	3,500	0	450	0.3%	0.7%
Tributary Sport		Full season	13,890	8,860	5,030	0	0	0	0	0	0	0	0.7%	0.0%
<i>Lower River Total</i>			<i>233,080</i>	<i>30,340</i>	<i>7,120</i>	<i>25,840</i>	<i>112,220</i>	<i>8,340</i>	<i>310</i>	<i>34,280</i>	<i>8,550</i>	<i>7,170</i>	<i>8.0%</i>	<i>11.75%</i>
Bonneville Dam Passage			1,129,490			73,400	806,770	10,130		239,180		53,830		
Harvest Above Bonneville														
Zone 6 - Bonn to Hwy 395		Average season	13,700				2,510	20		11,170		170		0.3%
Treaty Comm. and C&S		Average season	447,740			54,370	275,670	4,780		112,920		18,360		30.0%
Hanford Reach Sport		Average season	26,340				26,340					0		
McNary Dam Passage			444,310				444,310							
Lower Granite Dam Passage														
Escapement														
Hatchery				78,960		19,040		26,520		115,100	1,650			
Natural				40,970		14,210		24,660		78,350	1,100			
				37,990	26,270	4,820	444,310	1,870	1,600	74,110	550			
Hatchery Surplus				28,490		7,210		24,660		38,990	200			
Natural Surplus					16,550		384,310							