2006-2007
Memorandum of Agreement
Between

Oregon Department of Fish and Wildlife (ODFW)
And
Oregon Department of Environmental Quality

Regarding Fish Carcass Distribution in Streams of Oregon

Background

The Oregon Department of Fish and Wildlife (ODFW) is responsible for the management of fish and wildlife in Oregon. ODFW believes the placement of fish carcasses in streams is a valuable fish restoration and management activity. Populations of many species of anadromous fish including coho salmon, Chinook salmon, and steelhead, are currently depressed. Fish carcass placement replaces some of the nutrients and organic matter historically contributed to the stream ecosystem by the decaying carcasses of naturally returning fish that are no longer present in those same numbers. Research indicates the adult salmon carcasses can enter the stream food web via several pathways including through consumption by aquatic microbes, invertebrates, mammals, and fish, and as inorganic nutrients after the carcasses have decayed. This contribution enhances stream productivity and benefits fish.

The Department of Environmental Quality (DEQ) is responsible for regulating water quality in Oregon. Placement of fish carcasses from hatcheries into streams is regulated under an NPDES permit issued pursuant to ORS 468B.050 and the federal Clean Water Act. DEQ believes compliance with the conditions of the NPDES permit will achieve the criteria for water quality management in all Oregon streams.

Compliance Conditions and Schedules

Target Density: A maximum of 2500 lbs. per mile of salmon and/or steelhead carcasses will be used.

Residual Handling: All carcasses are placed in the stream. No residual handling is anticipated.

Timing and Location: Distributions are planned to begin in August in some areas where spring chinook spawn, will increase in the fall and winter when most salmon spawn, and will decrease in the spring when only steelhead are still spawning (through May).

Stream Reaches: The Appendix lists the stream reaches used in each geographic area. Streams in each basin are chosen to meet all conditions in the MOA and NPDES permit. Where carcass placement overlaps with spawning surveys, carcasses will be marked (generally by removing the head) to distinguish between natural and placed carcasses.

Water Quality Limited (WQL) Streams: ODFW will place carcasses in streams only when or where they will not adversely impact water quality limitations as described in the 303(d) Water Quality Limited Streams list.

Stream Description: Fish will be distributed in streams from high to moderate gradient in forested environments. All streams will be flowing when carcasses are distributed. Carcass distribution within a basin will only occur in streams historically used by anadromous salmonids for spawning, although some streams are now above dams or other man-made barriers.

Deposition Rates: Placement is contingent on the availability of both carcasses and the labor to distribute them. In no case will carcass distribution exceed 2500 lbs. of fish per mile over the course of the project unless prior written approval has been received from DEQ identifying the project as a carcass placement research or evaluation effort. Such projects will be identified in an addendum to this MOA.

Semi-Natural Distribution: Quantities of fish distributed are in staggered deposits. Staggering deposits of carcasses in this manner simulates natural conditions. No artificial "piles" of carcasses will be created. Although ODFW will not "dump" carcasses in piles but will randomly place carcasses in streams, carcasses may accumulate naturally on debris jams, gravel bars, etc. Carcasses will not be tied in place. Placement will be made of several individual carcasses left to drift and collect in a "natural" manner. Some carcasses may be tied in pairs with sisal cord or other appropriate biodegradable material to help keep placement reasonably well dispersed as tied pairs "catch" on rocks, sticks, etc. in the stream. Tied pairs need not be specifically placed to assure retention, unless volunteers desire to do so.

Species: Only Chinook salmon, coho salmon, and steelhead carcasses will be used for stream enrichment purposes.

Spill Control: A monitoring program is in place. If carcasses are inadvertently dropped (spilled) in any area other than the designated stream reach, they will be immediately picked up and properly disposed. ODFW personnel will be responsible in the event of a spill or other carcass distribution problem. Resolution of the problem will depend on the circumstances but could include redistribution, burial, or sale to a fish food processing plant. Table 1 contains contacts for problems related to the stream enrichment project.

Table 1: Contact persons.

Basin	Area	Title	Name	Telephone
Statewide	Statewide	Program Coordinator	Gary Galovich	(503) 947-6232
S Willamette	Springfield	District Fish Biologist	Jeff Ziller	(541) 726-3515x26
Mid Willamette	Corvallis	STEP Biologist	Karen Hans	(541) 757-4186x251
N Willamette	Clackamas	District Fish Biologist	Todd Alsbury	(503) 657-2000x231
North Coast	Tillamook	STEP Biologist	Tracy Crews	(503) 842-2741x244
Mid Coast	Newport	Restoration Biologist	Jason Kirchner	(541) 867-0300x264
Umpqua	Roseburg	STEP Biologist	Laura Jackson	(541) 440-3353
Coos/Coquille	Charleston	Asst. District Fish Biologist	Alan Ritchey	(541) 888-5515
Lower Rogue	Gold Beach	Asst. District Fish Biologist	Curtis Edwards	(541) 247-7605
Upper Rogue	Central Point	Watershed Coordinator	Jay Doino	(541) 826-8774
Mid Columbia	Hood River	District Fish Biologist	Rod French	(541) 296-4628
Grande Ronde	LaGrande	Asst. District Fish Biologist	Nadine Craft	(541) 963-2138x29
Grande Ronde	Enterprise	Asst. District Fish Biologist	Bill Knox	(541) 426-3279

Disease Control Methodology

These guidelines are provided to prevent the amplification or spread of fish pathogens to native fish and aquatic life.

1. The ODFW Fish Health Services (FHS) section currently evaluates all proposed uses of adult salmon carcasses for stream enrichment on a case-by-case basis similar to the evaluation of the risks associated with import or transfers of live fish or eggs into or within the state. If there is potential for introduction of a fish pathogen exotic to a particular watershed based on the sampling history of the carcass source/watershed, or if the level of pathogens are found to be greater than expected in the carcasses to be used, then the carcasses will not be used for enrichment. Some carcasses are received from US Fish & Wildlife Service Fish Hatcheries and are also subject to these guidelines.

2. The ODFW FHS section samples all spawned salmon broodstocks at ODFW hatcheries for viruses and bacterial kidney disease, and steelhead trout stocks for culturable viruses such as infectious hematopoietic necrosis virus (IHNV), infectious pancreatic necrosis virus (IPNV) and viral hemorrhagic septicemia virus (VHSV). A minimum sample of 60 adults is tested according to the methods described in the American Fisheries Society Fish Health Section Blue Book. If there is no previous history of virus in a stock sampled in the previous five years, then non-sexually mature adults may be used for carcass enrichment in reaches of the originating watershed where adults are normally present. For example, Nehalem adults returning to the hatchery could be used in north coast streams where fish may naturally stray or are already transported from this hatchery. If there is a previous history of virus, carcasses will not be distributed outside the watershed in which the hatchery is located until tests are completed and no virus is detected. This usually means carcasses are frozen or fish spawned early in the run are not used for stream enhancement. Occasionally, weekly sub-samples are collected for virus analyses or in other cases 100% of the spawned fish are tested. If carcasses are to be distributed within the same stream and live adults of the same stock have already been distributed into that stream or are naturally present in the stream, the carcasses may be distributed as soon as they are available. Where possible and convenient, carcasses from the initial spawnings should be frozen until the virus examinations are completed even if they are to be distributed in the same stream. If prevalence of virus is found at an elevated level in the salmon or steelhead stocks, carcasses will not be used for enrichment. If the virus prevalence increases to elevated levels during the spawning period then distribution of additional carcasses will be stopped. In a stream where there is a history of virus, if virus prevalence exceeds 30%, no more carcasses of the stock will be used for nutrient enrichment during the current spawning season. When virus appears in a new location then the FHS section will be asked if carcasses may be distributed from this location even if the prevalence is low.

3. Non-sexually mature adults from hatcheries with an acceptable fish health history and those adults that survive to spawn are used for enrichment. Carcasses from disease-related broodstock loss that occurs during holding will not be used.

4. If the adult fish have received antibiotic treatments to control pre-spawning mortality, the veterinary prescription requirements will be fulfilled. Some of the hatchery stocks receive prophylactic treatments of erythromycin, azithromycin, florfenicol and/or oxytetracycline to control bacterial kidney disease and Gram-negative bacterial pathogens as well as formalin or hydrogen peroxide treatments for prevention of external fungal infections. These treatments help reduce pathogen levels. Only carcasses from fish that have remained alive at the facility for at least 3 weeks after antibiotic administration will be distributed. This ensures that tissue residues of antibiotics are insignificant. There is no withdrawal time required for formalin or hydrogen peroxide treated fish. Fish anesthetized with MS 222 and killed at spawning may be used in the carcass nutrient program since these carcasses are not legally available for harvest and human consumption.

5. ODFW has considerable fish health sampling history for each facility and knows which pathogens are likely present in the hatchery fish and in various wild stocks in the streams where the carcasses may be introduced. Few if any carcasses will be transferred outside of regions such as the north coast, mid coast, lower Columbia River, etc. Generally, if the carcasses are

to be distributed within the same stream or watershed where they return, exposure to different pathogens is unlikely. A specific restriction has been placed on salmon stocks in watersheds from the Sixes River south. Carcasses from facilities on those streams will not be taken to watersheds north of the Sixes River and likewise salmon carcasses from streams north of the Sixes River will not be distributed to the south coast streams. This is due to the known distribution of different IHNV clades (previously designated as types). Some of these IHNV clades are more virulent for Chinook salmon, and others for steelhead and rainbow trout. ODFW does not want to facilitate the spread of these IHNV clades any faster than what might occur with straying of naturally reared fish.

Special requirements are placed on stocks of fish known to be positive for *Myxobolus cerebralis*, agent of whirling disease. Because this parasite is endemic in wild fish and returning hatchery adults in the Imnaha and Grande Ronde watersheds, fish or fish carcasses from these watersheds will not be transferred to other watersheds in Oregon. Recent findings of the parasite in the Clackamas River system will also restrict the placement of these carcasses to only areas where adults in this system have direct access.

For bacterial kidney disease (BKD), there will also be some special circumstances where the opportunity is available to test all spawned adult spring chinook of a particular stock for this disease. In Northeast Oregon, where chinook federally listed under the Endangered Species Act (ESA) are found, those carcasses with elevated BKD levels will not be used to avoid further amplification of this pathogen.

Monitoring

Water Quality Monitoring: In 1999, specific water quality tests were done in a "superloading" study in which carcasses were placed in the Wilson River at a rate double the normal loading levels (3000 lbs/mile as opposed to 1500 lbs/mile normal placement at the time; current placement levels do not exceed 2500 lbs/mile). The following parameters were measured through time directly above and below the placement stretch on the Wilson River: pH, DO (mg/L), temperature (C), ammonia as N (mg/L), nitrate and nitrite as N (mg/L), total Kjeldahl nitrogen (mg/L), and total phosphate as P (mg/L). Results indicate that even at high levels, carcass placement does not affect water quality. As a result of this work and in consultation with DEQ staff, further water quality testing was discontinued to save time and resources and the maximum loading level was raised to 2500 lbs/mile as documented in the annual MOAs.

Northwest Oregon Research: The US Forest Service (USFS) and ODFW, with assistance from the US Fish and Wildlife Service, Environmental Protection Agency, Portland General Electric, Inner-City Youth Institute, Trout Unlimited, and the Sandy and Clackamas River Basin Watershed Councils, are conducting a multi-year, salmon carcass enrichment evaluation in tributaries to the Clackamas and Sandy Rivers. The objective of the project is to treat the entire range of anadromy within selected watersheds and monitor the ecosystem response. This information is being used to evaluate the effectiveness of carcass placement and determine if any changes should be made to the current program.

The project began in 2001 with the collection of baseline data. Supplementation using surplus hatchery salmon began in 2002 with volunteers and staff from the USFS and ODFW applying carcasses to the study streams by hand or helicopter at a rate of 2,500 lbs/mile. In 2004, the application rate was increased to attain loading levels similar to those identified in other research efforts of up to 0.4kg/m^2 of wet carcass weight per square meter of stream. The higher rate is believed necessary to provide conclusive evidence of ecosystem benefits. Potential changes to water chemistry (phosphorous, nitrates and nitrites, ammonium, dissolved oxygen), biofilm accumulation, macroinvertebrate drift, and salmonid production are being investigated.

For 2006-2007, the project proposes to again apply carcasses at the higher rates to allow for an adequate evaluation of the increased treatment levels. A summary of the data analyzed to date can be obtained from the USFS or ODFW.

Life History of Salmonids Present

Coho Salmon: Coho salmon migrate upstream each year in September, arrive in the spawning areas in October, and begin spawning in November. Spawning occurs from November through early February each year. Spawning streams are tributary streams of low gradient. Coho salmon emerge from the gravel March through May each year. Juveniles rear approximately one year after they emerge. The following May they migrate to the ocean as smolts. Juveniles rear generally in the same area where adults spawn. They migrate into the ocean in March through June as smolts and return as "Jacks" the following fall. Remaining adult fish return one and one half years later as three-year-old fish.

Steelhead: Summer steelhead enter the system from April through November and spawn from February through May each year (December through May in the Rogue Basin). Summer steelhead use small streams, many of which are intermittent, for spawning. Fry emerge from the gravel April through June each year. They migrate downstream into larger tributaries from late April through early July before intermittent streams dry up. They rear from one year to three years (average two years) before migrating to sea as smolts from March through early June each year. These fish may spawn more than one time, sometimes three to four times. The Rogue Basin has a unique 1/2-pounder race that migrates back into freshwater to rear after only three months in the ocean. They do not spawn on this migration.

Winter steelhead are similar to summer steelhead in their life history. Winter steelhead enter fresh water from November through March and spawning occurs from March through June each year. Juveniles emerge from the gravel from late April through July. They rear in fresh water from one to three years and up to four years before migrating to the ocean as smolt. Smolts migrate from March through June. Generally, winter steelhead will rear in the ocean for two years, then return to fresh water on a spawning migration.

Resident Rainbow Trout: These trout spawn from March through May. Fry emerge in May and June. Unlike steelhead, they spend their entire life in fresh water.

Chinook Salmon: Spring Chinook salmon migrate into the rivers from March through June each year. Peak migration is in April and May. They spawn from mid-August to November. Fry emerge from March through May each year. Some juvenile spring chinook salmon migrate to the ocean as age 0+ fish during summer-fall, but many (particularly those in the Snake River basin) hold over and migrate as age 1+ fish in the spring. Juvenile spring Chinook salmon may remain in the ocean from less than one year and up to five years before returning as maturing jacks or adults on their spawning-migration.

Fall Chinook salmon are similar to spring chinook salmon; however, fresh water entry for adults is July through December each year. They spawn beginning in October and some may spawn as late as January. Fry emerge out of the gravel March through May and migrate to the ocean in July and August. They spend from less than one year and up to four years before returning on a spawning migration. Most fall Chinook salmon return as four-year-old fish.

Chum Salmon: Wild chum salmon enter coastal rivers and tributaries in late October and November and complete spawning by mid-December. Fry emerge in February and March and migrate to the ocean.

Sea Run Cutthroat Trout: These trout enter rivers and streams from July through November and spawn in March and April. Fry emerge in May and June and spend two to four years rearing in the stream. They migrate to sea in March through May each year.

Resident Cutthroat Trout: These trout spawn in March and April. Fry emerge in May and June and fish reach maturity in two years. Unlike sea run cutthroat trout, they spend their entire life in fresh water.

Bull Trout: Bull trout spawn from August - November. Fry emerge in late winter. Slow juvenile growth delays maturation until age 5 or older, and reproduction occurs yearly or in alternate years for some populations. They will live for 12 or more years in Oregon. Oregon's bull trout exhibit three basic life history phenotypes: (1) adfluvial, which migrates between lakes or reservoirs and streams, (2) fluvial, which migrates between small tributaries and main rivers, and (3) resident, which remains non-migratory. These alternative life history strategies are common in arctic char evolutionary derivatives worldwide. Migratory forms of bull trout may travel long distances to reach wilderness spawning tributaries. Mature bull trout invariably penetrate farther upstream than any other salmonids present in the watershed.

Historical Spawning Densities

Historical spawning densities are unknown but were greater than current densities in view of the depressed returns of salmon and steelhead to Oregon streams. Naturally produced coho salmon historically spawned in most proposed coastal carcass distribution areas. All carcasses will be placed in areas where wild anadromous salmonids have been historically present.

In the North Coast basins, average fall Chinook salmon spawning density is 60 fish per mile; average coho salmon spawning density is 8.7 fish per mile. It is conceivable these numbers are "low" if it were possible to make a valid comparison to early 1900 fish escapement. Gill-net catch records from that time indicate abundant coho salmon and Chinook salmon populations.

Historical spawning density is generally not available for the Hood River system, likely because of the rugged topography. Fish counts made at Powerdale Dam during the 1960's indicate the steelhead numbers passing upstream ranged from 1,000 to 2,000 annually. Unfortunately, Chinook salmon numbers were severely depressed by the time counts were initiated at Powerdale Dam. Extensive surveys of the basin indicate habitat suitable to support up to 5,000 steelhead spawners and 400 to 500 spring Chinook salmon spawners. Juvenile salmonids will be present to feed on salmon carcasses in areas where they are deposited.

In the Coos and Coquille rivers, fall chinook salmon spawning densities are historically estimated to be 2,000 fish per mile in some of the proposed placement streams. Historic coho salmon and steelhead spawning densities are estimated at 600 fish per mile. In addition to an abundance of salmon and steelhead carcasses, Pacific lamprey carcasses were also very abundant until 20 years ago. Historically, Chinook salmon, coho salmon, steelhead, and lamprey returns provided a significant amount of marine nutrients to the streams; today, this is only a remnant nutrient source.

Salmon and steelhead spawning densities are historically estimated to be 300 or more fish per mile in most mid-coast basins. In addition to the salmon and steelhead carcasses that at one time were very abundant in mid-coast streams, Pacific lamprey carcasses were also very prolific until 20 years ago. This combination of species provided a significant amount of marine nutrients to the streams; today, this is only a remnant nutrient source.

Historical spawning densities in the Clackamas River basin are unknown but are believed to have been greater than current densities. The Clackamas River has experienced depressed

returns of salmon and steelhead since the turn of the century. More serious depletion of salmonid runs has occurred in the last 10 years.

The carrying capacities of North Fork Eagle Creek and Bear Creek are assumed to be much higher than the current seeding levels. Although anticipated spawning density is uncertain, until superimposition of redds or density dependent juvenile mortality becomes apparent, the system can absorb increased spawning density. Until Clackamas River basin anadromous fish runs are rebuilt to some level of stability that will prevent population extinction, limiting spawning density to some prescribed level is inappropriate.

On the South Coast, historical fall Chinook salmon spawning densities are estimated to have been 2,000 fish per mile in some of the proposed placement streams. Historic coho salmon and steelhead spawning densities are estimated to have been 600 fish per mile.

Average Chinook salmon spawning density for the Grande Ronde River basin from 1964 to 1974 was approximately 40 fish per mile. Spawning density in specific streams varied within the basin. Spawning density from 1964 to 1974 averaged approximately 120 to 150 fish per mile on the Lostine River. Since 1986, spawning ground counts have been conducted multiple times on individual streams to include late spawning chinook. On the Lostine River from 1986 to 2000, approximately 68% of the redds were identified during single counts. If the 1964 to 1974 counts are expanded to account for late spawners, average spawning density on the Lostine River would be approximately 176 to 220 fish per mile.

Chinook salmon spawning density on the Imnaha River from 1964 to 1974 averaged approximately 90 fish per mile.

Steelhead spawning density in the Grande Ronde River basin prior to 1974 was approximately 2.7 to 3.9 redds per mile in survey areas. Applying an expansion of 1.67, this yields an escapement of 4.5 to 6.5 fish per mile. Peak escapement occurred in 1966 and 1967, with approximately 14 steelhead per mile.

Anticipated Spawning Density

The carrying capacity of these Oregon streams will support much more salmonid spawning and rearing than is currently present. The Oregon Plan calls for reestablishment of successful natural spawning populations through a combination of appropriate restoration methods. Although anticipated spawning density is uncertain, until superimposition of redds or juvenile density dependent mortality becomes excessive, a stream can continue to absorb increased spawning density and the associated salmonid carcasses.

Gary Galovich 8/28/06
Gary Galovich Date
Oregon Department of Fish and Wildlife

Robert P. Baumgartner 8/28/06
Robert P. Baumgartner Date
Oregon Department of Environmental Quality

Addendum to the 2006-2007 Memorandum of Agreement Between

Oregon Department of Fish and Wildlife (ODFW) And Oregon Department of Environmental Quality

Regarding Fish Carcass Distribution in Streams of Oregon

Background

The Mt. Hood National Forest has again requested an increase in the maximum allowed density of salmon carcasses that can be placed in approved target streams beyond that currently permitted in the *2006-2007 Memorandum of Agreement between ODFW and DEQ Regarding Fish Carcass Distribution in Streams of Oregon.* This request is based on information gathered during an ongoing study conducted by the Mt. Hood National Forest and the Environmental Protection Agency (EPA) to evaluate the efficacy of using salmon carcass supplementation to restore historic levels of marine-derived nutrients and boost salmonid and general ecosystem productivity. The study is recognized in the current MOA under the section titled "Monitoring" and subsection "Northwest Oregon Research". The research thus far suggests that increased densities beyond the maximum currently permitted of 2500 lbs. per mile are needed to provide conclusive evidence of ecosystem benefits.

This Addendum to the MOA recognizes the following:

As part of the ongoing research effort and in cooperation with ODFW, the Mt. Hood National Forest shall be permitted as of the date of last signature to place up to the following specified target densities (total annual treatment) of salmon carcasses in the streams and stream reaches listed:

Basin	Stream	Reach (RM)	Treated Length (miles)	Target Density (Lbs. per mile)
Clackamas R	Oak Grove Fk	0-9	3.8	14,000
Clackamas R	North Fk	0-3	2.0	11,600
Sandy R	Clear Fk	0-6	4.5	10,800
Sandy R	Camp Cr	0-6	3.0	8,400

Other than this reference to the above amended placement densities for these specific locations, all other requirements of the 2006-2007 MOA shall continue to apply.

Gary Galovich 8/29/06
Gary Galovich Date
Oregon Department of Fish and Wildlife

Robert P. Baumgartner 8/28/06
Robert P. Baumgartner Date
Oregon Department of Environmental Quality

Appendix: Stream Enrichment Program 2006-2007

General Area	Basin	Stream	Carcass	Reach	Timing
ODFW Northwest Region					
South Willamette					
	Coast Fk Willamette	Big R	S Chin	RM 0.0-10.0	Sep-May
		Bryce Cr	S Chin	RM 0.0-12.0	Sep-May
		Coast Fk Wllmt, Mainstem	S Chin	RM 0.0-29.5	Sep-May
		Coast Fk Wllmt, Mainstem	S Chin	RM 33.0-40.0	Sep-May
		Layng Cr	S Chin	RM 0.0-2.0	Sep-May
		Mosby Cr	S Chin	RM 0.0-21.0	Sep-May
		Row R	S Chin	RM 0.0-7.5	Sep-May
		Row R	S Chin	RM 12.0-21.0	Sep-May
		Sharps Cr	S Chin	RM 0.0-20.0	Sep-May
	Middle Fk Willamette	Bear Cr	S Chin	RM 0.0-2.0	Sep-May
		Chuckle Springs	S Chin	RM 0.0-0.5	Sep-May
		Fall Cr	S Chin	RM 0.0-7.0	Sep-May
		Fall Cr	S Chin	RM 13.0-30.0	Sep-May
		Hills Cr	S Chin	RM 0.0-13.0	Sep-May
		Little Fall Cr	S Chin	RM 0.0-19.0	Sep-May
		Middle Fk Wllmt, Mainstem	S Chin	RM 33.0-46.0	Sep-May
		North Fk	S Chin	RM 0.0-34.0	Sep-May
		Salmon Cr	S Chin	RM 0.0-1.5	Sep-May
		Salt Cr	S Chin	RM 0.0-21.0	Sep-May
		Swift Cr	S Chin	RM 0.0-4.5	Sep-May
		Unnamed Spring (100558894E 4816123N)	S Chin	RM 0.0-0.3	Sep-May
		Winberry Cr	S Chin	RM 3.0-8.0	Sep-May
	McKenzie	Deer Cr	S Chin	RM 0.0-8.0	Sep-May
		Gate Cr	S Chin	RM 0.0-2.5	Sep-May
		Gate Cr, N Fk	S Chin	RM 0.0-5.0	Sep-May
		Gate Cr, S Fk	S Chin	RM 0.0-9.0	Sep-May
		McKenzie, Mainstem	S Chin	RM 83.0-85.0	Sep-May
		McKenzie, S Fk	S Chin	RM 10.0-24.0	Sep-May
		Mohawk R	S Chin	RM 0.0-23.0	Sep-May
		Roaring R	S Chin	RM 0.0-5.0	Sep-May
Mid Willamette					
	N Santiam River	Blowout Cr	S Chin	RM 0.0-4.0	Sep-May
		Breitenbush Cr	S Chin	RM 4.0-14.0	Sep-May
		L N Santiam	Chin, Stlhd	RM 0.0-20.0	Sep-May
		N Santiam, Mainstem	S Chin	RM 59.0-84.0	Sep-May
	S Santiam River	Canyon Cr	S Chin	RM 0.0-7.0	Sep-May
		Crabtree Cr	Chin, Stlhd	RM 20.0-32.0	Sep-May
		Moose Cr	S Chin	RM 0.0-4.0	Sep-May
		S Santiam, Mainstem	Chin, Stlhd	RM 18.0-37.5	Sep-May
		S Santiam, Mainstem	S Chin	RM 44.0-62.0	Sep-May
		Soda Fk	S Chin	RM 0.0-3.5	Sep-May
		Thomas Cr	Chin, Stlhd	RM 19.0-32.0	Sep-May
		Wiley Cr	Chin, Stlhd	RM 0.0-16.0	Sep-May

General Area	Basin	Stream	Carcass	Reach	Timing
	Willamette River	Calapooia R	S Chin	RM 50.0-72.5	Sep-May
North Willamette					
	Willamette River	Abernethy Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Aug-May
		Crystal Springs Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Aug-May
		Holcomb Cr	Coho, Chin, Stlhd	RM0.0-2.0	Aug-May
		Johnson Cr	Coho, Chin, Stlhd	RM 0.0-15.0	Aug-May
		Newell Cr	Coho, Chin, Stlhd	RM 0.0-1.5	Aug-May
		Tryon Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Aug-May
	Clackamas River	Bargfeld Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Aug-May
		Bear Cr	Coho, Chin, Stlhd	RM 0.0-0.25	Aug-May
		Carli Cr	Coho, Chin, Stlhd	RM 0.0-1.0	Aug-May
		Clackamas R, Mainstem	Coho, Chin, Stlhd	RM 12.0-20.0; RM 55.0-75.0	Aug-May
		Clackamas R, N Fk	Coho, Chin, Stlhd	RM 0.0-3.0	Aug-May
		Clear Cr	Coho, Chin, Stlhd	RM 0.0-23.0	Aug-May
		Collawash R	Coho, Chin, Stlhd	RM 0.0-5.0	Aug-May
		Deep Cr	Coho, Chin, Stlhd	RM 0.0-7.0	Aug-May
		Delph Cr	Coho, Chin, Stlhd	RM 0.0-5.0	Aug-May
		Eagle Cr, N Fk	Coho, Chin, Stlhd	RM 0.25-10.5	Aug-May
		Fish Cr	Coho, Chin, Stlhd	RM 0.0-9.0	Aug-May
		Hatton Fk	Coho, Chin, Stlhd	RM 0.0-3.0	Aug-May
		Hot Springs Fk	Coho, Chin, Stlhd	RM 0.0-6.0	Aug-May
		Little Clear Cr	Coho, Chin, Stlhd	RM 0.0-5.0	Aug-May
		N Fk Deep Cr	Coho, Chin, Stlhd	RM 0.0-6.0	Aug-May
		Noyer Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Aug-May
		Oak Grove Fk	Coho, Chin, Stlhd	RM 0.0-9.0	Aug-May
		Richardson Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Aug-May
		Rock Cr	Coho, Chin, Stlhd	RM 0.0-0.25	Aug-May
		Sieben Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Aug-May
		Spring Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Aug-May
		Tickle Cr	Coho, Chin, Stlhd	RM 0..0-10.0	Aug-May
	Sandy River	Beaver Cr	Coho, Chin, Stlhd	RM 0.0-5.0	Aug-May
		Buck Cr	Coho, Chin, Stlhd	RM 0.0-0.25	Aug-May
		Bull Run R	Coho, Chin, Stlhd	RM 0.0-5.0	Aug-May
		Camp Cr	Coho, Chin, Stlhd	RM 0.0-6.0	Aug-May
		Cedar Cr	Coho, Chin, Stlhd	RM 0.0-10.0	Aug-May
		Clear Cr	Coho, Chin, Stlhd	RM 0.0-6.0	Aug-May
		Clear Fk	Coho, Chin, Stlhd	RM 0.0-6.0	Aug-May
		Gordon Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Aug-May
		Lost Cr	Coho, Chin, Stlhd	RM 0.0-4.0	Aug-May
		S Boulder Cr	Coho, Chin, Stlhd	RM 0.0-1.5	Aug-May
		Salmon R	Coho, Chin, Stlhd	RM 0.0-13.0	Aug-May
		Sandy R	Coho, Chin, Stlhd	RM 45.0-50.0	Aug-May
		Sixes Cr	Coho, Chin, Stlhd	RM 0.0-0.25	Aug-May
		Still Cr	Coho, Chin, Stlhd	RM 2.5-9.0	Aug-May
		Trout Cr	Coho, Chin, Stlhd	RM 0.0-0.5	Aug-May
		Zig-Zag R	Coho, Chin, Stlhd	RM 0.0-9.0	Aug-May
	Columbia River	Eagle Cr	Coho, Chin, Stlhd	RM 0.0-10.0	Aug-May
		Goble Cr	Coho, Chin, Stlhd	RM 0.0-5.0	Aug-May

General Area	Basin	Stream	Carcass	Reach	Timing
		Herman Cr	Coho, Chin, Stlhd	RM 0.0-5.0	Aug-May
		Horsetail Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Aug-May
		Lindsey Cr	Coho, Chin, Stlhd	RM 0.0-1.0	Aug-May
		McCord Cr	Coho, Chin, Stlhd	RM 0.0-1.0	Aug-May
		Multnomah Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Aug-May
		Oneata Cr	Coho, Chin, Stlhd	RM 0.0-1.0	Aug-May
		Tanner Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Aug-May
		Veinto Cr	Coho, Chin, Stlhd	RM 0.0-1.0	Aug-May
		Wahkenna Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Aug-May
	Clatskanie River	Buck Cr	Coho, Chin, Stlhd	RM 0.0-1.8	Aug-May
		Carcus Cr	Coho, Chin, Stlhd	RM 0.0-6.0	Aug-May
		Clatskanie R	Coho, Chin, Stlhd	RM 2.0-12.0	Aug-May
		Clatskanie R, N Fk	Coho, Chin, Stlhd	RM 0.0-2.7	Aug-May
		Conyers Cr	Coho, Chin, Stlhd	RM 0.0-5.1	Aug-May
		East Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Aug-May
		Fall Cr	Coho, Chin, Stlhd	RM 0.0-3.5	Aug-May
		Keystone Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Aug-May
		Little Clatskanie R	Coho, Chin, Stlhd	RM 0.0-4.5	Aug-May
		Merill Cr	Coho, Chin, Stlhd	RM 0.0-1.3	Aug-May
		Miller Cr	Coho, Chin, Stlhd	RM 0.0-3.5	Aug-May
		Page Cr	Coho, Chin, Stlhd	RM 0.0-5.0	Aug-May
		Perkins Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Aug-May
		Roaring Cr	Coho, Chin, Stlhd	RM 0.0-2.5	Aug-May
		Vonberg Cr	Coho, Chin, Stlhd	RM 0.0-1.5	Aug-May
		West Cr	Coho, Chin, Stlhd	RM 0.0-2.5	Aug-May
	Westport Slough	West Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Aug-May
		Foss Cr	Coho, Chin, Stlhd	RM 0.0-1.5	Aug-May
		Olsen Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Aug-May
		South Fork Olsen Cr	Coho, Chin, Stlhd	RM 0.0-1.5	Aug-May
		Eilertsen Cr	Coho, Chin, Stlhd	RM 0.0-1.5	Aug-May
	Scappoose Bay	Gourlay Cr	Coho, Chin, Stlhd	RM 0.0-4.0	Aug-May
		McNulty Cr	Coho, Chin, Stlhd	RM 0.0-0.25	Aug-May
		Milton Cr	Coho, Chin, Stlhd	RM 0.0-4.0	Aug-May
		Raymond Cr	Coho, Chin, Stlhd	RM 0.0-4.0	Aug-May
		Scappoose Cr, N	Coho, Chin, Stlhd	RM 0.0-6.0	Aug-May
		Scappoose Cr, S	Coho, Chin, Stlhd	RM 0.0-6.0	Aug-May
	Molalla River	Mill Cr	Coho, Chin, Stlhd	RM 0.0-5.0	Aug-May
		Molalla R, Upper	Coho, Chin, Stlhd	RM 0.0-46.0	Aug-May
		Molalla R, N Fk	Coho, Chin, Stlhd	RM 0-14.4	Aug-May
		Pudding R	Coho, Chin, Stlhd	RM 0.0-10.0	Aug-May
		Table Rock Fk	Coho, Chin, Stlhd	RM 0-10.1	Aug-May
	Tualatin River	Dairy Cr	Coho, Chin, Stlhd	RM 0.0-6.0	Aug-May
		Dairy Cr, E Fk	Coho, Chin, Stlhd	RM 6.0-10.0	Aug-May
		Dairy Cr, W Fk	Coho, Chin, Stlhd	RM 7.0-10.0	Aug-May
		Gales Cr	Coho, Chin, Stlhd	RM 2.0-10.0	Aug-May
		McKay Cr	Coho, Chin, Stlhd	RM 8.0-15.0	Aug-May
		Roaring Cr	Coho, Chin, Stlhd	RM 0.0-10.0	Aug-May
		Rock Cr	Coho, Chin, Stlhd	RM 3.0-10.0	Aug-May

General Area	Basin	Stream	Carcass	Reach	Timing
		Scoggans Cr	Coho, Chin, Stlhd	RM 0.0-4.0	Aug-May
		Tualatin R, Upper	Coho, Chin, Stlhd	RM 65.0-73.0	Aug-May
	Yamhill River	Agency Cr	Coho, Chin, Stlhd	RM 0.0-13.0	Aug-May
		Burton Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Aug-May
		Canada Cr	Coho, Chin, Stlhd	RM 0.0-6.0	Aug-May
		Coast Cr	Coho, Chin, Stlhd	RM 0.0-10.0	Aug-May
		Cosper Cr	Coho, Chin, Stlhd	RM 0.0-9.0	Aug-May
		Eads Cr	Coho, Chin, Stlhd	RM 0.0-5.0	Aug-May
		Gilbert Cr	Coho, Chin, Stlhd	RM 0.0-5.0	Aug-May
		Indian Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Aug-May
		Joe Cr	Coho, Chin, Stlhd	RM 0.0-4.0	Aug-May
		Kitten Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Aug-May
		N Fk Agency Cr	Coho, Chin, Stlhd	RM 0.0-12.0	Aug-May
		Pierce Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Aug-May
		South Yamhill R	Coho, Chin, Stlhd	RM 42.0-65.0	Aug-May
		Tindle Cr	Coho, Chin, Stlhd	RM 0.0-5.0	Aug-May
		Willamina Cr	Coho, Chin, Stlhd	RM 0.0-20.0	Aug-May
		Wind R	Coho, Chin, Stlhd	RM 0.0-6.0	Aug-May
		Yoncalla Cr	Coho, Chin, Stlhd	RM 0.0-6.0	Aug-May
North Coast					
	Columbia R	Alder Cr	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		Anderson Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		Bear Cr	Coho, Chin, Stlhd	RM 0.0-4.0	Sep-May
		Big Cr	Coho, Chin, Stlhd	RM 0.0-4.0	Sep-May
		Big Noise Cr	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		Cullaby Cr	Coho, Chin, Stlhd	RM 0.0-6.0	Sep-May
		Davis Cr	Coho, Chin, Stlhd	RM 0.0-1.5	Sep-May
		Dogwater (Dogwood) Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		Ferris Cr	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		Gnat Cr	Coho, Chin, Stlhd	RM 0.0-4.0	Sep-May
		Gnat Cr, N Fk	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		Hall (Fertile Valley) Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Hillcrest Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Hortill Cr	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		Klaskanine R, N Fk	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Klaskanine R, S Fk	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Lewis & Clark R	Coho, Chin, Stlhd	RM 0.0-15.0	Sep-May
		Lewis & Clark R, Upper and Unnamed Tribs	Coho, Chin, Stlhd	RM 16.0-27.0	Sep-May
		Little Bear Cr	Coho, Chin, Stlhd	RM 0.0-4.0	Sep-May
		Little Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Little Walluski R.	Coho, Chin, Stlhd	RM 0.0-4.0	Sep-May
		Loowit Cr	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		Mary's Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		Mill Cr	Coho, Chin, Stlhd	RM 0.0-1.5	Sep-May
		Moosemoose Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		Rock Cr (Gnat Cr trib)	Coho, Chin, Stlhd	RM 0.0-4.0	Sep-May
		Shweeash Cr	Coho, Chin, Stlhd	RM 0.0-1.5	Sep-May
		Stavebolt Cr	Coho, Chin, Stlhd	RM 0.0-1.5	Sep-May
		Walluski R	Coho, Chin, Stlhd	RM 0.0-12.0	Sep-May
		West Cr	Coho, Chin, Stlhd	RM 0.0-5.0	Sep-May

General Area	Basin	Stream	Carcass	Reach	Timing
		Youngs R	Coho, Chin, Stlhd	RM 0.0 to 1.0	Sep-May
	Necanicum River	Beerman Cr	Coho, Chin, Stlhd	RM 0.0-5.0	Sep-May
		Bergsvik Cr	Coho, Chin, Stlhd	RM 0.0-4.0	Sep-May
		Joe Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Johnson Cr	Coho, Chin, Stlhd	RM 0.0-1.5	Sep-May
		Klootchie Cr	Coho, Chin, Stlhd	RM 0.0-7.0	Sep-May
		Little Humbug Cr	Coho, Chin, Stlhd	RM 0.0-5.0	Sep-May
		Little Joe Cr	Coho, Chin, Stlhd	RM 0.0-5.0	Sep-May
		Mail Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		North Fk	Coho, Chin, Stlhd	RM 0.0-4.0	Sep-May
		South Fk	Coho, Chin, Stlhd	RM 0.0-5.0	Sep-May
		Volmer Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
	Nehalem Bay	Alder Cr	Coho, Chin, Stlhd	RM 0.0-2.5	Sep-May
		Bob's Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		Jetty Cr	Coho, Chin, Stlhd	RM 0.0-1.50	Sep-May
		Messhouse Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
	Nehalem River	Anderson Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Battle Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		Bear Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Beaver Cr (Birkenfeld)	Coho, Chin, Stlhd	RM 0.0-5.0	Sep-May
		Beaver Cr (Vernonia)	Coho, Chin, Stlhd	RM 0.0-9.0	Sep-May
		Benecke Cr	Coho, Chin, Stlhd	RM 0.0-6.0	Sep-May
		Boxler Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		Boykin Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		Buster Cr	Coho, Chin, Stlhd	RM 0.0-8.0	Sep-May
		Coal Cr (Pebble Trib)	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Cook Cr	Coho, Chin, Stlhd	RM 0.0-7.0	Sep-May
		Cook Cr, E Fk	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Cook Cr, S Fk	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Cow Cr	Coho, Chin, Stlhd	RM 0.0-4.0	Sep-May
		Cronin Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Cronin Cr, Mid Fk	Coho, Chin, Stlhd	RM 0.0-2.5	Sep-May
		Cronin Cr, N Fk	Coho, Chin, Stlhd	RM 0.0-2.5	Sep-May
		Cronin Cr, S Fk	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		Crooked Cr	Coho, Chin, Stlhd	RM 0.0-5.0	Sep-May
		Deep Cr	Coho, Chin, Stlhd	RM 0.0-6.0	Sep-May
		Deer Cr	Coho, Chin, Stlhd	RM 0.0-3.5	Sep-May
		Dog Cr	Coho, Chin, Stlhd	RM 0.0-2.5	Sep-May
		Dry Cr (Cook Cr)	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		E Foley Cr	Coho, Chin, Stlhd	RM 0.0-4.0	Sep-May
		E Humbug Cr	Coho, Chin, Stlhd	RM 0.0-7.0	Sep-May
		East Fk	Coho, Chin, Stlhd	RM 0.0-7.0	Sep-May
		Fall Cr	Coho, Chin, Stlhd	RM 0.0-5.0	Sep-May
		Fishhawk Cr	Coho, Chin, Stlhd	RM 0.0-4.0	Sep-May
		Foley Cr	Coho, Chin, Stlhd	RM 0.0-7.0	Sep-May
		Granite Cr (Cook Cr)	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		Hamilton Cr	Coho, Chin, Stlhd	RM 0.0-5.0	Sep-May
		Harliss Cr (Cook Cr)	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		Hatchery Cr	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		Hoevet Cr (Cook Cr)	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May

General Area	Basin	Stream	Carcass	Reach	Timing
		Kenusky Cr	Coho, Chin, Stlhd	RM 0.0-5.0	Sep-May
		Little Deer Cr	Coho, Chin, Stlhd	RM 0.0-2.5	Sep-May
		Lost Cr	Coho, Chin, Stlhd	RM 0.0-5.0	Sep-May
		Louisgnot Cr	Coho, Chin, Stlhd	RM 0.0-3.5	Sep-May
		McPhearson Cr	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		Neahkanie Cr	Coho, Chin, Stlhd	RM 0.0-4.0	Sep-May
		Northrup Cr	Coho, Chin, Stlhd	RM 0.0-7.0	Sep-May
		Oak Ranch Cr	Coho, Chin, Stlhd	RM 0.0-8.0	Sep-May
		Olson Cr (Rock Cr Trib)	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		Pebble Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Peterson Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		Quartz Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Rock Cr	Coho, Chin, Stlhd	RM 0.0-15.0	Sep-May
		Rock Cr, N Fk	Coho, Chin, Stlhd	RM 0.0-5.0	Sep-May
		Rock Cr, S Fk	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Roy Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		Squaw Cr	Coho, Chin, Stlhd	RM 0.0-1.5	Sep-May
		Stanley Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		Strahm Cr (Cook Cr)	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		W Humbug Cr	Coho, Chin, Stlhd	RM 0.0-10.0	Sep-May
		Warner CR	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		Weed Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Wolf Cr	Coho, Chin, Stlhd	RM 0.0-8.0	Sep-May
		Wolf Cr, N Fk	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
	N Fk Nehalem R	Acey Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Anderson Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Big Rack Heap Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Boykin Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Coal Cr	Coho, Chin, Stlhd	RM 0.0-5.0	Sep-May
		Fall Cr	Coho, Chin, Stlhd	RM 0.0-4.0	Sep-May
		Gods Valley Cr	Coho, Chin, Stlhd	RM 0.0-5.0	Sep-May
		Gravel Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Jack Horner Cr	Coho, Chin, Stlhd	RM 0.0-2.5	Sep-May
		Little North Fk	Coho, Chin, Stlhd	RM 0.0-4.0	Sep-May
		Little Rack Heap Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Lost Cr	Coho, Chin, Stlhd	RM 0.0-5.0	Sep-May
		N Fk Nehalem, Mainstem	Coho, Chin, Stlhd	RM 0.0-25.0	Sep-May
		Soapstone Cr	Coho, Chin, Stlhd	RM 0.0-10.0	Sep-May
		Sweethome Cr	Coho, Chin, Stlhd	RM 0.0-8.0	Sep-May
	Tillamook Bay	Patterson Cr	Coho, Chin, Stlhd	RM 0.0-5.0	Sep-May
		Vaughn Cr	Coho, Chin, Stlhd	RM 0.0-5.0	Sep-May
	Wilson River	Beaver Cr	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		Ben Smith	Coho, Chin, Stlhd	RM 0.0-2.5	Sep-May
		Cedar Cr	Coho, Chin, Stlhd	RM 0.0-10.0	Sep-May
		Devils Lake Fk	Coho, Chin, Stlhd	RM 0.0-15.0	Sep-May
		Devoe Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		Elk Cr	Coho, Chin, Stlhd	RM 0.0-4.0	Sep-May
		Elliot Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		Fall Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Fox Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May

General Area	Basin	Stream	Carcass	Reach	Timing
		Game Hog Cr	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		Jones Cr	Coho, Chin, Stlhd	RM 0.0-1.5	Sep-May
		Jordan Cr	Coho, Chin, Stlhd	RM 0.0-8.0	Sep-May
		Kansas Cr	Coho, Chin, Stlhd	RM 0.0-10.0	Sep-May
		Little North Fk	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		Muesial Cr	Coho, Chin, Stlhd	RM 0.0-0.5	Sep-May
		North Fk	Coho, Chin, Stlhd	RM 0.0-4.0	Sep-May
		South Fk	Coho, Chin, Stlhd	RM 0.0-20.0	Sep-May
		West Fk of North Fk	Coho, Chin, Stlhd	RM 0.0-5.0	Sep-May
	Kilchis River	Clear Cr	Coho, Chin, Stlhd	RM 0.0-4.5	Sep-May
		Coal Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Company Cr (S Fk Kilchis)	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		Dietz Cr (LSFk Kilchis)	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		Mapes Cr	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		Murphy Cr	Coho, Chin, Stlhd	RM 0.0-1.5	Sep-May
		Myrtle Cr	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		North Fk	Coho, Chin, Stlhd	RM 0.0-5.0	Sep-May
		Schroeder Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		South Fk	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Tilden Cr	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
	Miami River	Carpenter Cr	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		Diamond Cr	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		Illingsworth Cr	Coho, Chin, Stlhd	RM 0.0-1.5	Sep-May
		Miami R, Mainstem	Coho, Chin, Stlhd	RM 0.0-25.0	Sep-May
		Minich Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Moss Cr	Coho, Chin, Stlhd	RM 0.0-3.5	Sep-May
		Peterson Cr	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		Powderhouse Cr	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		Stewart Cr	Coho, Chin, Stlhd	RM 0.0-1.5	Sep-May
		Stuart Cr	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
	Tillamook River	Beaver Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Bewley Cr	Coho, Chin, Stlhd	RM 0.0-4.0	Sep-May
		Coon Cr	Coho, Chin, Stlhd	RM 0.0-2.5	Sep-May
		Fawcett Cr	Coho, Chin, Stlhd	RM 0.0-4.0	Sep-May
		Killam Cr	Coho, Chin, Stlhd	RM 0.0-10.0	Sep-May
		Munson Cr	Coho, Chin, Stlhd	RM 0.0-1.5	Sep-May
		Simmons Cr	Coho, Chin, Stlhd	RM 0.0-7.0	Sep-May
		Sutton Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
	Trask River	Bales Cr (E Fk of S Fk)	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		Bark Shanty Cr (N Fk Trask)	Coho, Chin, Stlhd	RM 0.0-4.0	Sep-May
		Bill Cr (S Fk Trask)	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		Blue Bus Cr (E Fk of S Fk)	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		Boundary Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		Clear Cr (N Fk Trask)	Coho, Chin, Stlhd	RM 0.0-5.0	Sep-May
		Cruiser Cr (N Fk Trask)	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		East Fk	Coho, Chin, Stlhd	RM 0.0-15.0	Sep-May
		Edwards Cr (S Fk Trask)	Coho, Chin, Stlhd	RM 0.0-4.0	Sep-May
		Elkhorn Cr (N Fk Trask)	Coho, Chin, Stlhd	RM 0.0-1.5	Sep-May

General Area	Basin	Stream	Carcass	Reach	Timing
		Headquarters (E Fk of S Fk)	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		Hembre Cr (N Fk Trask)	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		Joyce Cr (S Fk Trask)	Coho, Chin, Stlhd	RM 0.0-1.5	Sep-May
		Megan Cr (N Fk Trask)	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		Michael Cr (N Fk Trask)	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		Mill Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		Miller Cr (E Fk of S Fk)	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		North Fk	Coho, Chin, Stlhd	RM 0.0-15.0	Sep-May
		North Fk of North Fk	Coho, Chin, Stlhd	RM 0.0-3.0	Sep-May
		Pigeon Cr (E Fk of S Fk)	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		Pothole Cr (E Fk of S Fk)	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		Rock Cr (E Fk of S Fk)	Coho, Chin, Stlhd	RM 0.0-1.5	Sep-May
		Scotch Cr (E Fk of S Fk)	Coho, Chin, Stlhd	RM 0.0-1.0	Sep-May
		South Fk	Coho, Chin, Stlhd	RM 0.0-15.0	Sep-May
		Steampot Cr (E Fk of S Fk)	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
		Summitt Cr (S Fk Trask)	Coho, Chin, Stlhd	RM 0.0-2.0	Sep-May
	Nestucca River	Alder Cr	Chin, Stlhd	RM 0.0-2.5	Sep-May
		Bear Cr (Beaver Cr)	Chin, Stlhd	RM 0.0-3.0	Sep-May
		Bear Cr (Nestucca R)	Chin, Stlhd	RM 0.0-5.5	Sep-May
		Beaver Cr	Chin, Stlhd	RM 0.0-5.0	Sep-May
		Bible Cr	Chin, Stlhd	RM 0.0-8.0	Sep-May
		Bixby Cr	Chin, Stlhd	RM 0.0-1.0	Sep-May
		Boulder Cr	Chin, Stlhd	RM 0.0-10.0	Sep-May
		Cedar Cr (Dovre)	Chin, Stlhd	RM 0.0-2.5	Sep-May
		Clarence Cr	Chin, Stlhd	RM 0.0-4.0	Sep-May
		Clear Cr	Chin, Stlhd	RM 0.0-2.0	Sep-May
		E Beaver Cr	Chin, Stlhd	RM 0.0-15.0	Sep-May
		East Cr	Chin, Stlhd	RM 0.0-5.0	Sep-May
		Elk Cr	Chin, Stlhd	RM 0.0-5.0	Sep-May
		Farmer Cr	Chin, Stlhd	RM 0.0-6.0	Sep-May
		Foland Cr	Chin, Stlhd	RM 0.0-2.0	Sep-May
		Ginger Cr	Chin, Stlhd	RM 0.0-2.0	Sep-May
		Horn Cr	Chin, Stlhd	RM 0.0-7.0	Sep-May
		Idlewind Cr	Chin, Stlhd	RM 0.0-2.0	Sep-May
		Moon Cr	Chin, Stlhd	RM 0.0-6.0	Sep-May
		N Beaver Cr	Chin, Stlhd	RM 0.0-3.0	Sep-May
		Nestucca R, Mainstem	Chin, Stlhd	RM 0.0-50.0	Sep-May
		Niagra Cr	Chin, Stlhd	RM 0.0-10.0	Sep-May
		Powder Cr	Chin, Stlhd	RM 0.0-3.0	Sep-May
		Sanders Cr	Chin, Stlhd	RM 0.0-3.0	Sep-May
		Slick Rock Cr	Chin, Stlhd	RM 0.0-6.5	Sep-May
		Smith Cr	Chin, Stlhd	RM 0.0-2.0	Sep-May
		Testament Cr	Chin, Stlhd	RM 0.0-4.0	Sep-May
		Tiger Cr	Chin, Stlhd	RM 0.0-3.0	Sep-May
		Tony Cr	Chin, Stlhd	RM 0.0-2.0	Sep-May
		Upton Cr	Chin, Stlhd	RM 0.0-3.0	Sep-May
		W Beaver Cr	Chin, Stlhd	RM 0.0-6.0	Sep-May
		Walter Cr	Chin, Stlhd	RM 0.0-4.0	Sep-May
		West Cr	Chin, Stlhd	RM 0.0-5.0	Sep-May
		Wildcat Cr	Chin, Stlhd	RM 0.0-1.5	Sep-May
		Wolfe Cr	Chin, Stlhd	RM 0.0-2.0	Sep-May

General Area	Basin	Stream	Carcass	Reach	Timing
	Three Rivers	Alder Cr	Chin, Stlhd	RM 0.0-7.0	Sep-May
		Buck Cr	Chin, Stlhd	RM 0.0-1.0	Sep-May
		Lawrence Cr	Chin, Stlhd	RM 0.0-1.0	Sep-May
		Pollard Cr	Chin, Stlhd	RM 0.0-1.0	Sep-May
		Three Rivers, Mainstem	Chin, Stlhd	RM 0.0-7.0	Sep-May
	Little Nestucca R	Austin Cr	Chin, Stlhd	RM 0.0-3.0	Sep-May
		Austin Cr, W Fk	Chin, Stlhd	RM 0.0-2.0	Sep-May
		Baxter Cr	Chin, Stlhd	RM 0.0-1.5	Sep-May
		Bower Cr	Chin, Stlhd	RM 0.0-2.0	Sep-May
		Cedar Cr	Chin, Stlhd	RM 0.0-1.5	Sep-May
		Conklin Cr	Chin, Stlhd	RM 0.0-1.0	Sep-May
		Fall Cr	Chin, Stlhd	RM 0.0-2.0	Sep-May
		Hiack Cr	Chin, Stlhd	RM 0.0-2.0	Sep-May
		Kellow Cr	Chin, Stlhd	RM 0.0-1.5	Sep-May
		Little Nestucca R, Mainstem	Chin, Stlhd	RM 0.0-20.0	Sep-May
		Louie Cr	Chin, Stlhd	RM 0.0-2.0	Sep-May
		McKnight Cr	Chin, Stlhd	RM 0.0-1.5	Sep-May
		Small Cr	Chin, Stlhd	RM 0.0-1.0	Sep-May
		Sourgrass Cr	Chin, Stlhd	RM 0.0-3.0	Sep-May
		South Fk	Chin, Stlhd	RM 0.0-3.0	Sep-May
		Squaw Cr	Chin, Stlhd	RM 0.0-7.0	Sep-May
		Stillwell Cr	Chin, Stlhd	RM 0.0-2.0	Sep-May
Mid Coast					
	Salmon River	Alder Brook Cr	Coho, Chin	RM 0.0-3.0	Oct-Mar
		Bear Cr	Coho, Chin	RM 0-4.0	Oct-Mar
		Deer Cr	Coho, Chin	RM 0.0-2.0	Oct-Mar
		Indian Cr	Coho, Chin	RM 0.0-1.0	Oct-Mar
		Little Salmon R	Coho, Chin	RM 0-3.0	Oct-Mar
		Prairie Cr	Coho, Chin	RM 0.0-1.5	Oct-Mar
		Salmon R, Mainstem	Coho, Chin	RM 0-20	Oct-Mar
		Slick Rock Cr	Coho, Chin	RM 0.0-6.0	Oct-Mar
		Sulphur Cr	Coho, Chin	RM 0.0-1.5	Oct-Mar
		Trout Cr	Coho, Chin	RM 0-5.0	Oct-Mar
		Widow Cr	Coho, Chin	RM 0-3.0	Oct-Mar
		20B Tributary	Coho, Chin	RM 0-1.0	Oct-Mar
		20C Tributary	Coho, Chin	RM 0-1.0	Oct-Mar
		Upper Salmon R Tributary	Coho, Chin	RM 0-1.0	Oct-Mar
	Siletz River	Bentilla Cr	Coho, Stlhd	RM 0.0-3.0	Oct-May
		Big Rock Cr	Coho, Stlhd	RM 0.0-1.0	Oct-May
		Buck Cr	Coho, Stlhd	RM 0.0-1.0	Oct-May
		Cedar Cr	Coho, Stlhd	RM 0.0-5.0	Oct-May
		Cerine Cr	Coho, Stlhd	RM 0.0-3.0	Oct-May
		Elk Cr	Coho, Stlhd	RM 0.0-1.5	Jan-Dec
		Euchre Cr	Coho, Stlhd	RM 0.0-3.0	Oct-May
		Fisher Cr	Coho, Stlhd	RM 0.0-1.0	Oct-May
		Fourth of July Cr	Coho, Stlhd	RM 0.0-2.5	Oct-May
		Gravel Cr	Coho, Stlhd	RM 0.0-6.0	Oct-May
		Little Rock Cr	Coho, Stlhd	RM 0.0-6.0	Oct-May

General Area	Basin	Stream	Carcass	Reach	Timing
		Little Steere Cr	Coho, Stlhd	RM 0.0-2.0	Oct-May
		Long Prairie Cr	Coho, Stlhd	RM 0.0-5.0	Oct-May
		Long Tom Cr	Coho, Stlhd	RM 0.0-2.0	Oct-May
		Mill Cr	Coho, Stlhd	RM 0.0-5.0	Oct-May
		Palmer Cr	Coho, Stlhd	RM 0.0-1.5	Oct-May
		Rock Cr	Coho, Stlhd	RM 0.0-7.0	Oct-May
		Sam's Cr	Coho, Stlhd	RM 0.0-5.0	Oct-May
		Siletz R, Mainstem	Coho, Chin, Stlhd	RM 52.5-66.0	Jan-Dec
		Steere Cr	Coho, Stlhd	RM 0.0-3.5	Oct-May
		Sunshine Cr	Coho, Stlhd	RM 0.0-3.5	Jan-Dec
		Thayer Cr	Coho, Stlhd	RM 0.0-0.5	Oct-May
		Whiskey Cr	Coho, Stlhd	RM 0.0-1.0	Oct-May
	Yaquina River	Big Elk Cr	Chin	RM 22.0-25.0	Oct-Mar
		Buttermilk Cr	Chin	RM 0.0-1.0	Oct-Mar
		Deer Cr	Chin	RM 0.0-2.0	Oct-Mar
		Hayes Cr	Chin	RM 0.0-1.0	Oct-Mar
		Little Elk Cr	Chin	RM 0.0-6.0	Oct-Mar
		Mill Cr (below DWI)	Chin,Coho	RM 0.0-3.5	Oct-Mar
		Salmon Cr	Chin	RM 0.0-2.5	Oct-Mar
		Wolf Cr	Chin	RM 0.0-4.0	Oct-Mar
	Alsea River	Bear Cr	Stlhd	RM 0.0-2.0	Oct-Apr
		Beaty Cr	Stlhd	RM 1.0-2.5	Oct-Apr
		Birch Cr	Stlhd	RM 1.5-3.0	Oct-Apr
		Buck Cr	Stlhd	RM 0.0-4.0	Oct-Apr
		Bull Run Cr	Stlhd	RM 0.0-5.0	Oct-Apr
		Canal Cr	Stlhd	RM 0.0-5.0	Oct-Apr
		Cascade Cr	Stlhd,Coho	RM 0.0-2.0	Oct-Apr
		Cherrie Cr	Stlhd	RM 0.0-3.0	Oct-Apr
		Cove Cr	Stlhd	RM 0.0-3.0	Oct-Apr
		Deer Cr	Stlhd	RM 0.0-1.0	Oct-Apr
		Drift Cr	Stlhd	RM 0.0-17.0	Oct-Apr
		Fall Cr	Stlhd	RM 0.0-6.0	Oct-Apr
		Five Rivers	Stlhd	RM 7.0-20.0	Oct-Apr
		Flynn Cr	Stlhd	RM 0.0-2.0	Oct-Apr
		Gopher Cr	Stlhd	RM 0.0-4.0	Oct-Apr
		Grass Cr	Stlhd	RM 0.0-3.0	Oct-Apr
		Green R	Stlhd	RM 0.0-5.0	Oct-Apr
		Headrick Cr	Stlhd	RM 0.0-2.0	Oct-Apr
		Honeygrove Cr	Stlhd	RM 0.0-4.0	Oct-Apr
		Horse Cr	Stlhd	RM 0.0-3.0	Oct-Apr
		J-Line Cr	Stlhd	RM 0.0-1.0	Oct-Apr
		Little Lobster Cr	Stlhd	RM 0.0-7.0	Oct-Apr
		Lobster Cr, E Fk	Stlhd	RM 0.0-4.0	Oct-Apr
		Lobster Cr, S Fk	Stlhd	RM 0.0-4.0	Oct-Apr
		Maltby Cr	Stlhd	RM 0.0-2.0	Oct-Apr
		Meadow Cr	Stlhd	RM 0.0-2.0	Oct-Apr
		North Fk	Stlhd	RM 0.0-6.0	Oct-Apr
		Preacher Cr	Stlhd	RM 1.0-3.0	Oct-Apr
		Seeley Cr	Stlhd	RM 0.0-3.0	Oct-Apr
		Swamp Cr	Stlhd	RM 0.0-2.0	Oct-Apr
		Swamp Cr, E Fk	Stlhd	RM 0.0-1.0	Oct-Apr

General Area	Basin	Stream	Carcass	Reach	Timing
		Tobe Cr	Stlhd	RM 0.0-4.0	Oct-Apr
		Wilson Cr	Stlhd	RM 0.0-1.5	Oct-Apr
	Siuslaw River	Condon Cr	Coho, Stlhd	RM 0.0-10.0	Oct-May
		Deadwood Cr, W Fk	Coho, Stlhd	RM 0.0-7.0	Oct-May
		Doe Cr	Coho, Stlhd	RM 0.0-4.5	Oct-May
		Dogwood Cr	Coho, Stlhd	RM 0.0-4.5	Oct-May
		Esmond Cr	Coho, Stlhd	RM 0.0-6.0	Oct-May
		Green Cr	Coho, Stlhd	RM 0.0-4.0	Oct-May
		Greenleaf Cr	Coho, Stlhd	RM 0.0-7.0	Oct-May
		Hadsall Cr	Coho, Stlhd	RM 0.0-4.0	Oct-May
		Indian Cr, N Fk	Coho, Stlhd	RM 0.0-3.5	Oct-May
		Knowles Cr	Coho, Stlhd	RM 0.0-10.0	Oct-May
		Lake Cr	Coho, Stlhd	RM 0.0-32.0	Oct-May
		Leopold Cr	Coho, Stlhd	RM 0.0-2.0	Oct-May
		Letz Cr	Coho, Stlhd	RM 0.0-7.0	Oct-May
		Munsel Cr	Coho, Stlhd	RM 0.0-3.0	Oct-May
		Nelson Cr	Coho, Stlhd	RM 0.0-7.0	Oct-May
		Sam Cr	Coho, Stlhd	RM 0.0-5.0	Oct-May
		Turner Cr	Coho, Stlhd	RM 0.0-3.0	Oct-May
		W Fk Indian Cr	Coho, Stlhd	RM 0.0-6.0	Oct-May
		Whitaker Cr	Coho, Stlhd	RM 0.0-3.5	Oct-May
ODFW Southwest Region					
Umpqua					
	Umpqua River	Brush Cr	Coho, Chin, Stlhd	RM 0.0-17.0	Sep-May
		Paradise Cr	Coho, Chin, Stlhd	RM 0.0-8.0	Sep-May
		Radar Cr	Coho, Stlhd	RM 0.0-7.0	Nov-Apr
		Wolf Cr	Coho, Stlhd	RM 0.0-2.0	Nov-Apr
	South Umpqua	Cow Cr	Coho, F Chin, Stlhd	RM 50.0-60.0	Oct-May
	Rock Creek	East Fk	Coho, Stlhd, S Chin	RM 0.0-10.0	Sep-May
		Rock Cr, Mainstem	Coho, Stlhd, S Chin	RM 3.0-8.0	Sep-May
	Smith River	North Fk	F Chin	RM 0.0-10.0	Sep-Dec
Tenmile-Coos-Coquille					
	Tenmile Lakes	Eel Cr	Coho, Chin, Stlhd	RM 1.0-2.0	Oct-May
	Millicoma River	Cougar Cr	Coho, Chin, Stlhd	RM 0.0-4.0	Oct-May
		East Fk	Coho, Chin, Stlhd	RM 0.0-22.0	Oct-May
		Elk Cr	Coho, Chin, Stlhd	RM 0.0-9.0	Oct-May
		Fish Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Oct-May
		Fox Cr	Coho, Chin, Stlhd	RM 0.0-1.5	Oct-May
		Glen Cr	Coho, Chin, Stlhd	RM 0.0-6.0	Oct-May
		Hidden Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Oct-May
		Hodges Cr	Coho, Chin, Stlhd	RM 0.0-1.0	Oct-May
		Marlow Cr	Coho, Chin, Stlhd	RM 0.0-6.0	Oct-May
		Trout Cr	Coho, Chin, Stlhd	RM 0.0-4.0	Oct-May
		West Fk	Coho, Chin, Stlhd	RM 0.0-34.0	Oct-May
		Woodruff Cr	Coho, Chin, Stlhd	RM 0.0-4.0	Oct-May

General Area	Basin	Stream	Carcass	Reach	Timing
	Coos Bay	Willanch Cr	Coho, Chin, Stlhd	RM 0.0-6.0	Oct-May
	Coos River	Bottom Cr	Coho, Chin, Stlhd	RM 0.0-6.0	Oct-May
		Fall Cr	Coho, Chin, Stlhd	RM 0.0-8.0	Oct-May
		Morgan Cr	Coho, Chin, Stlhd	RM 0.0-3.0	Oct-May
		Noble Cr	Coho, Chin, Stlhd	RM 0.0-8.0	Oct-May
		South Fk	Coho, Chin, Stlhd	RM 6.0-31.0	Oct-May
		Tioga Cr	Coho, Chin, Stlhd	RM 0.0-8.0	Oct-May
		Williams R	Coho, Chin, Stlhd	RM 0.0-15.0	Oct-May
	Coquille River	Bills Cr	Coho, Chin, Stlhd	RM 0.0-8.0	Oct-May
		Ferry Cr	Coho, Chin, Stlhd	RM 0.0-1.0	Oct-May
		Lampa Cr	Coho, Chin, Stlhd	RM 0.0-4.0	Oct-May
	N Fk Coquille River	Alder Cr	Coho, Chin, Stlhd	RM 0.0-4.0	Oct-May
		Elk Cr	Coho, Chin, Stlhd	RM 0.0-7.0	Oct-May
		Evans Cr	Coho, Chin, Stlhd	RM 0.0-8.0	Oct-May
		Moon Cr	Coho, Chin, Stlhd	RM 0.0-4.0	Oct-May
		Weekly Cr	Coho, Chin, Stlhd	RM 0.0-8.0	Oct-May
		Woodward Cr	Coho, Chin, Stlhd	RM 0.0-8.0	Oct-May
	M Fk Coquille River	Big Cr	Coho, Chin, Stlhd	RM 0.0-6.0	Oct-May
		M Fk Coquille River, Mainstem	Coho, Chin, Stlhd	RM 0.8-15.0	Oct-May
		Mrytle Cr	Coho, Chin, Stlhd	RM 0.0-7.0	Oct-May
		Rassler Cr	Coho, Chin, Stlhd	RM 0.0-4.5	Oct-May
		Sandy Cr	Coho, Chin, Stlhd	RM 0.0-8.0	Oct-May
	E Fk Coquille River	E Fk Coquille, Mainstream	Coho, Chin, Stlhd	RM 0.0-22.5	Oct-May
		Steel Cr	Coho, Chin, Stlhd	RM 0.0-1.3	Oct-May
	S Fk Coquille River	Catching Cr	Coho, Chin, Stlhd	RM 0.8-10.0	Oct-May
		Gettys Cr	Coho, Chin, Stlhd	RM 0.0-2.0	Oct-May
		S Fk Coquille, Mainstem	Coho, Chin, Stlhd	RM 7.0-31.0	Oct-May
Lower Rogue					
	Elk River	Cedar Cr	Chin	RM 1.0-2.0	Dec-Jan
		Henry Cr	Chin	RM 0.0-0.5	Dec-Jan
		Indian Cr	Chin	RM 0.1-2.0	Dec-Jan
	Euchre Creek	Boulder Cr	Chin	RM 0.1-1.5	Dec-Jan
		Pea Cr	Chin	RM 0.1-0.5	Dec-Jan
	Brush Creek	Brush Cr	Chin	RM 0.5-4.0	Dec-Jan
	Rogue River	Edson Cr	Chin	RM 1.5-3.0	Nov-Dec
		Foster Cr	Chin	RM 0.5-1.5	Nov-Dec
		Indian Cr	Chin	RM 0.1-0.5	Nov-Dec
		Jim Hunt Cr	Chin	RM 0.5-0.6	Nov-Dec
		Saunders Cr	Chin	RM 0.2-2.0	Nov-Dec
		Shasta Costa Cr	Chin	RM 1.5-1.8	Nov-Dec

General Area	Basin	Stream	Carcass	Reach	Timing
	Chetco River	Joe Hall Cr	Chin	RM 0.5-1.5	Nov-Jan
		Hamilton Cr	Chin	RM 0.0-1.5	Nov-Jan
		Mill Cr	Chin	RM 1.0-2.0	Nov-Jan
Upper Rogue					
	Rogue River	Elk Cr	Coho	RM 2.0-8.0	Nov-Jan
		Galice Cr	Coho	RM 1.0-4.0	Nov-Dec
		Grave Cr	Coho	RM 5.0-25.0	Nov-Dec
		Rogue R, Mainstem	S Chin	RM 146.0-157.0	Oct-Nov
		Taylor Cr	Coho	RM 0.0-6.0	Nov-Jan
	Applegate	Ninemile Cr	Coho	RM 0.0-5.0	Nov-Dec
		Star Gulch	Coho	RM 0.0-3.0	Nov-Dec
	Elk Creek	Bitterlick Cr	Coho	RM 0.0-5.0	Nov-Jan
		Flat Cr	Coho	RM 0.5-1.5	Nov-Jan
		Sugarpine Cr	Coho	RM 1.0-5.0	Nov-Jan
	Big Butte	Big Butte, Mainstem	Coho	RM 5.0-11.0	Nov-Jan
	Evans Creek	Rock Cr	Coho	RM 0.0-3.0	Nov-Jan
		West Fk	Coho	RM 3.0 & above	Nov-Jan
	W Fk Illinois R	Elk Cr	Coho	RM 2.0-4.0	Nov-Jan
ODFW High Desert Region					
Mid Columbia					
	Hood River	East Fk	Stlhd	RM 0.0 -8.0	Jan-May
		Lake Branch	Stlhd	RM 0.0 -5.0	Jan-May
		Middle Fk	Stlhd	RM 0.0 -12.0	Jan-May
		West Fk	S Chin	RM 1.0-8.0	May-Sep
		West Fk	Stlhd	RM 1.0 -8.0	Jan-May
ODFW Northeast Region					
Grande Ronde					
	Grande Ronde	Bear Cr	S Chin, Stlhd	RM 7.0-10.0	Aug-Oct
		Catherine Cr	S Chin	RM 27.0-32.0	Aug-Oct
		Lostine	S Chin, Stlhd	RM 18.0-23.0	Aug-Oct
		N Fk Catherine	S Chin	RM 0.0-3.0	Aug-Oct
		S Fk Catherine	S Chin	RM 0.0-2.0	Aug-Oct
	Imnaha	Big Sheep	S/Sum Chin, Stlhd	RM 25.0-34.0	Aug-Oct
		Imnaha	S/Sum Chin, Stlhd	RM 42.0-67.0	Aug-Oct
		Lick	S/Sum Chin, Stlhd	RM 0.0-5.0	Aug-Oct