

2013 Provisional Summary of Winter Steelhead Spawning Surveys

Basin, Subbasin, Survey Reach	Seg- ment	Downstream reach boundary	Upstream reach boundary	No. Sur- veys	Times surveyed	Survey length (miles)	STEELHEAD					Redds / mile	Redds / mile	Last Survey Date
							Live counts				Redds / mile			
							Total	Marked	Not- marked	Un- known				
Necanicum River				4		3.0								
Mainstem				4		3.0								
Little Muddy Cr	2	Mouth	Headwaters		20	0.74	0	0	0	0	0.0	0.0	03-May-13	
Beerman Cr	2	Mouth	Headwaters		8	0.30	0	0	0	0	6.7	0.0	03-May-13	
Circle Cr	2	Circle Cr, Trib B	Headwaters		20	1.06	2	0	0	2	1.9	1.9	09-May-13	
Joe Cr	1	Mouth	Left Fk, Joe Cr		22	0.95	9	1	1	7	18.9	0.0	20-May-13	
Nehalem River				15		15.2								
Mainstem				13		12.6								
Foley Cr	1	E Foley Cr	Crystal Cr		24	1.02	11	0	5	6	49.0	1.0	20-May-13	
W Humbug Cr	1	Beaver Cr	W Humbug Cr, Trib A		20	1.24	1	0	1	0	25.8	0.0	14-May-13	
George Cr	1	Mouth	Headwaters		15	0.44	0	0	0	0	0.0	0.0	01-May-13	
Stanley Cr	2	Mouth	Headwaters		6	0.80	0	0	0	0	0.0	0.0	01-May-13	
Beneke Cr	1	Gilmore Cr	Walker Cr		7	1.01	4	0	3	1	15.8	23.8	14-May-13	
Hamilton Cr	1	Hamilton Cr, Trib A	Headwaters		19	0.61	0	0	0	0	21.3	4.9	14-May-13	
Nehalem R	1	Sager Cr	Louisgnot Cr		6	1.48	0	0	0	0	0.0	0.0	30-Apr-13	
Deep Cr	7	Lane Cr	Deep Cr, Trib 1		16	0.35	0	0	0	0	0.0	0.0	01-May-13	
Lundgren Cr	1	Ozzy Cr	Headwaters		14	0.48	0	0	0	0	0.0	0.0	01-May-13	
Nehalem R	1	Lundgren Cr	Battle Cr		8	1.98	0	0	0	0	1.0	54.5	15-May-13	
Nehalem R	3	Deer Cr	Gus Cr		9	1.10	0	0	0	0	4.5	54.5	29-May-13	
Crooked Cr	2	Mouth	Headwaters		16	1.19	0	0	0	0	0.0	0.0	30-Apr-13	
Nehalem R, E Fk	1	E Fk Nehalem, Unnamed Trib A	E Fk Nehalem, Trib B		16	0.85	0	0	0	0	0.0	1.2	30-Apr-13	
Salmonberry River				1		1.6								
Salmonberry R	1	Wolf Cr	Pennoyer Cr		14	1.57	7	0	5	2	35.7	0.0	20-May-13	
Rock Creek				1		1.0								
Rock Cr, S Fk	2	Bear Cr	Headwaters		17	1.03	0	0	0	0	0.0	0.0	01-May-13	
Kilchis River				2		2.5								
Mainstem				2		2.5								
Kilchis R	1	Washout Cr	Sharp Cr		8	1.42	7	0	2	5	28.2	52.1	21-May-13	
Kilchis R, N Fk	2	Schroeder Cr	Headwaters		21	1.07	0	0	0	0	48.6	3.7	22-May-13	
Wilson River				5		4.1								
Mainstem				4		2.7								
Jordan Cr	3	Mouth	Jordon Cr, S Fk		18	1.13	5	0	3	2	100.0	19.5	28-May-13	
Jordan Cr	4	Jordan Cr, S Fk	Jordan Cr, Trib A		18	0.92	15	0	7	8	94.6	2.2	28-May-13	

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							Live counts					Redds / mile	Last Survey Date
							Total	Marked	Not- marked	Un- known			
Ben Smith Cr	1	Mouth	Ben Smith Cr, Trib A		21	0.38	0	0	0	0	5.3	0.0	13-May-13
Elk Cr	2	Elk Cr, W Fk	Headwaters		18	0.30	0	0	0	0	16.7	0.0	22-May-13
North Fork				1		1.4							
Wilson R, N Fk, W Fk	1	Rogers Cr	Headwaters		21	1.40	1	0	1	0	23.6	3.6	28-May-13
Trask River				4		3.6							
Mainstem				1		1.1							
Trask R	1	Rawe Cr	Trask R, N Fk		10	1.10	8	0	3	5	29.1	20.0	21-May-13
South Fork				3		2.5							
Boundary Cr	1	Mouth	Headquarters Camp Cr		8	0.60	0	0	0	0	11.7	0.0	20-May-13
Rock Cr	1	Mouth	Headwaters		6	1.09	0	0	0	0	1.8	0.0	06-May-13
Bill Cr	2	Mouth	Headwaters		7	0.77	0	0	0	0	0.0	0.0	06-May-13
Tillamook River				1		0.7							
Mainstem				1		0.7							
Killam Cr	3	Mouth	Killam Cr, Trib A		7	0.70	0	0	0	0	0.0	0.0	06-May-13
Nestucca River				6		5.4							
Mainstem And Bay				3		2.3							
Nestucca R	3	Foland Cr	Wolfe Cr		9	0.91	1	0	0	1	1.1	7.7	21-May-13
Powder Cr	1	Powder Cr, Left Br	Powder Cr, Dahl Fk		17	0.83	2	0	1	1	13.3	20.5	21-May-13
Elk Cr	1	Mouth	Elk Cr, Trib A		19	0.52	8	0	6	2	50.0	19.2	21-May-13
Three Rivers				1		1.5							
Three Rivers	1	Alder Cr	Crazy Cr		18	1.46	13	0	2	11	39.7	14.4	29-May-13
Beaver Creek				1		0.9							
E Beaver Cr	6	Wildcat Cr	Headwaters		21	0.92	2	0	1	1	59.8	26.1	21-May-13
Little Nestucca				1		0.7							
Little Nestucca R	1	Cedar Cr	Louie Cr		17	0.72	3	0	1	2	27.8	13.9	16-May-13
Neskowin Creek				1		0.9							
Mainstem				1		0.9							
Butte Cr	1	Kiwanda Cr	Headwaters		19	0.90	2	0	0	2	5.6	64.4	16-May-13
Salmon River				4		3.1							
Mainstem And Bay				4		3.1							
Salmon R	0.1	Willis Cr	Curl Cr		9	0.25	6	0	0	6	64.0	32.0	20-May-13
Panther Cr	1	Mouth	Panther Cr, N Fk		20	0.95	7	0	2	5	10.5	0.0	08-May-13

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							Live counts				Redds / mile	Redds / mile	
							Total	Marked	Not- marked	Un- known			
Trout Cr	1	Trout Cr, Trib A	Headwaters		9	0.75	9	0	5	4	93.3	8.0	21-May-13
Salmon R	1.1	Deer Cr	Sulphur Cr		10	1.10	8	0	3	5	52.7	11.8	20-May-13
Siletz River				8	7.3								
Mainstem				6	5.5								
Cedar Cr	1	Mouth	Cedar Cr, Trib B		10	1.60	3	0	0	3	13.7	23.7	20-May-13
Euchre Cr	1	Mouth	Savage Cr		10	1.25	3	0	3	0	32.8	9.6	21-May-13
Ojalla Cr	1	Mouth	Headwaters		16	0.75	0	0	0	0	0.0	0.0	06-May-13
Sam Cr	3	Long Prairie Cr	Sam Cr, Trib A		20	0.90	0	0	0	0	6.7	22.2	20-May-13
Mill Cr, N Fk	1	Mouth	Mill Cr, N Fk, Trib A		18	0.53	6	2	1	3	56.6	0.0	21-May-13
Buck Cr	1	Mouth	Buck Cr, E Fk		18	0.48	14	0	4	10	58.3	0.0	21-May-13
Drift Creek				2	1.8								
Drift Cr	7	Gordey Cr	North Cr		10	0.84	7	0	4	3	84.5	77.4	08-May-13
Drift Cr	1	North Cr	Wildcat Cr		10	0.98	2	0	2	0	69.4	66.3	08-May-13
Yaquina River				10	8.6								
Mainstem And Bay				3	3.8								
Montgomery Cr	2	Mouth	Headwaters		18	0.47	0	0	0	0	0.0	0.0	06-May-13
Yaquina R	2	Whitney Cr	Hayes Cr		8	1.35	1	0	0	1	15.6	45.9	20-May-13
Yaquina R	3.1	Spilde Cr	Little Yaquina R		16	2.00	46	14	24	8	73.5	61.0	22-May-13
Elk Creek				7	4.7								
Wolf Cr, Trib C	1	Mouth	Headwaters		16	0.29	1	0	0	1	0.0	0.0	08-May-13
Savage Cr	1.1	Mouth	Savage Cr, Trib B		8	1.30	11	2	0	9	99.2	11.5	21-May-13
Savage Cr	3	Mouth	Savage Cr, Trib B		17	0.30	7	0	6	1	93.3	10.0	22-May-13
Grant Cr	1	Savage Cr	Grant Cr, Trib A		8	1.00	8	2	0	6	54.0	0.0	21-May-13
Feagles Cr	2	Feagles Cr, Trib B	Headwaters		7	0.49	9	7	1	1	79.6	20.4	14-May-13
Spout Cr	1	Little Cr	Lake Cr		18	0.55	1	0	0	1	10.9	3.6	20-May-13
Elk Cr	1	Rail Cr	Sugar Bowl Cr		19	0.82	0	0	0	0	12.2	32.9	22-May-13
Beaver Creek				3	2.2								
Mainstem				1	0.9								
Elkhorn Cr	2	Elkhorn Cr, Trib B (Cougar Cr)	Elkhorn Cr, Trib C		18	0.90	1	0	1	0	18.9	73.3	14-May-13
North Fork				2	1.3								
Beaver Cr, N Fk	3.1	Peterson Cr	Beaver Cr, N Fk, Trib A		12	1.00	26	4	12	10	34.0	84.0	22-May-13
Beaver Cr, N Fk	4	Lewis Cr	Trib G		20	0.29	3	0	2	1	62.1	86.2	22-May-13
Alsea River				13	12.2								

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							Live counts				Redds / mile	Redds / mile	
							Total	Marked	Not- marked	Un- known			
Mainstem And Bay				6		5.7							
Bear Cr	2	Mouth	Headwaters		16	0.86	0	0	0	0	0.0	0.0	09-May-13
Skunk Cr	1	Mouth	Headwaters		19	1.03	7	1	3	3	21.4	0.0	20-May-13
Fall Cr	2	Skunk Cr	Carns Canyon Cr		10	1.15	12	0	9	3	65.2	36.5	22-May-13
Fall Cr	1	Carns Canyon	Horse Cr		10	0.49	39	1	15	23	167.0	77.4	22-May-13
Fall Cr	2.1	Horse Cr	Nye Cr		10	0.82	6	0	3	3	37.8	52.4	22-May-13
Alsea R	2	Sulmon Cr (Salmonberry Cr)	Maltby Cr		9	1.30	2	0	0	2	20.8	47.7	28-May-13
Drift Creek				1		1.5							
Drift Cr	4	Gold Cr	Meadow Cr		11	1.50	4	0	4	0	27.3	114.0	16-May-13
Five Rivers				3		2.8							
Lobster Cr	2	Bear Cr	Lobster Cr, E Fk		16	1.44	10	1	7	2	34.0	33.3	28-May-13
Green R	1	Green R, Trib D	Green R, Trib E		19	0.64	3	0	1	2	28.1	1.6	20-May-13
Five Rivers	3	Summers Cr	Lord Cr		20	0.72	2	0	0	2	55.6	15.3	28-May-13
North Fork				1		0.9							
Crooked Cr	1	Ernest Cr	Zahn Cr		21	0.90	13	0	6	7	45.6	16.7	28-May-13
South Fork				2		1.4							
Swamp Cr	1	Swamp Cr, E Fk	Headwaters		18	0.54	1	0	0	1	1.9	0.0	09-May-13
Alsea R, S Fk	1	Trout Cr	Peak Cr		8	0.82	0	0	0	0	3.7	0.0	14-May-13
Yachats River				4		10.6							
Mainstem				3		9.7							
Yachats R	1.1	Salmon Cr	Spring Cr		8	8.45	87	1	30	56	19.4	80.0	15-May-13
Yachats R	1	Grass Cr	Yachats R, Trib A		18	0.95	6	1	3	2	62.1	33.7	13-May-13
Yachats R	2	Grass Cr	Yachats R, Trib A		36	0.33	10	0	6	4	84.8	42.4	13-May-13
North Fork				1		0.9							
Yachats R, N Fk	1	Fish Cr	Williamson Cr		10	0.87	23	0	19	4	47.1	54.0	13-May-13
Cummins Cr				1		1.1							
Mainstem				1		1.1							
Cummins Cr	2	Little Cummins Cr	Headwaters		18	1.14	5	0	2	3	4.4	0.0	20-May-13
Big Creek				2		2.5							
Mainstem & S Fk				2		2.5							
Big Cr	2	Mouth	Big Cr, Trib A		17	1.14	5	0	1	4	14.0	0.0	23-May-13
Big Cr	1	Big Cr, Trib A	Fryingpan Cr		16	1.36	8	0	2	6	14.7	0.7	23-May-13
Siuslaw River				19		19.4							
Mainstem				12		13.7							

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							Live counts				Redds / mile	Redds / mile	
							Total	Marked	Not- marked	Un- known			
Hollenbeck Cr	1	Mouth	Headwaters		7	0.36	0	0	0	0	0.0	0.0	13-May-13
Knowles Cr	1	Skate Cr	Knowles Cr, Trib N		20	0.82	0	0	0	0	14.6	0.0	16-May-13
Siuslaw R	1	Waite Cr	Wildcat Cr		8	0.90	2	0	0	2	1.1	0.0	15-May-13
Wildcat Cr	4	Mouth	Fowler Cr		7	0.51	0	0	0	0	23.5	7.8	22-May-13
Knapp Cr	1	Knapp Cr, Trib A	Knapp Cr, Trib B		10	0.31	0	0	0	0	16.1	9.7	22-May-13
Esmond Cr	1	Esmond Cr, Trib A	Headwaters		19	1.05	3	0	3	0	5.7	1.0	16-May-13
Siuslaw R	1	Fawn Cr	Pugh Cr		7	2.05	0	0	0	0	3.9	52.7	15-May-13
Clay Cr	1	Mouth	Headwaters		21	1.27	0	0	0	0	0.0	0.0	15-May-13
Siuslaw R	1	Luyne Cr	Siuslaw R, East Trib		11	4.35	0	0	0	0	0.2	166.4	15-May-13
Bear Cr	1	Bear Cr, Trib A	Bear Cr, Trib B		11	0.32	0	0	0	0	0.0	0.0	15-May-13
Buck Cr	1	Buck Cr, Trib B	Buck Cr, Trib D		22	0.89	1	1	0	0	4.5	6.7	15-May-13
Russell Cr	1	Mouth	Russell Cr, Trib A		19	0.87	0	0	0	0	0.0	0.0	15-May-13
North Fork				3		2.7							
Siuslaw R, N Fk	3	Russell Cr	Mcleod Cr		9	0.89	6	0	4	2	4.5	24.7	29-May-13
Wilhelm Cr	1	Lefthand Fk	Headwaters		8	1.10	1	0	1	0	7.3	0.0	16-May-13
Sam Cr	1	Lawrence Cr	Headwaters		7	0.75	0	0	0	0	0.0	0.0	02-May-13
Lake Creek				4		3.0							
Rogers Cr	1	Mouth	Rogers Cr, Trib A		20	0.66	5	0	3	2	57.6	3.0	28-May-13
Indian Cr, N Fk, Trib D	1	Mouth	Headwaters		19	0.48	0	0	0	0	0.0	0.0	02-May-13
Misery Cr	1	Mouth	Misery Cr, Trib A		10	1.00	0	0	0	0	21.0	3.0	28-May-13
Panther Cr, N Fk	3	Mouth	Headwaters		16	0.87	0	0	0	0	6.9	0.0	13-May-13
Siltcoos River				2		1.6							
Maple Creek				1		0.6							
Schrum Cr	1	Schrum Cr, L Fk	Headwaters		16	0.60	0	0	0	0	0.0	0.0	13-May-13
Fiddle Creek				1		1.0							
Bear Cr	1	Trib B	Trib C		18	0.97	3	0	3	0	10.3	1.0	13-May-13
Umpqua River				35		27.0							
Mainstem And Bay				4		3.7							
Camp Cr	4	Mouth	Buck Cr		22	1.04	7	0	2	5	7.7	1.0	22-May-13
Lutsinger Cr	3	Mouth	Lutsinger Cr, Trib B		20	0.83	0	0	0	0	3.6	0.0	22-May-13
Wolf Cr	1	Miner Cr	Rader Cr		23	1.03	6	0	5	1	53.4	1.0	14-May-13
Hubbard Cr	1	Bear Cr	Rock Cr		22	0.82	24	2	16	6	59.8	0.0	28-May-13
Smith River				8		4.6							

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Cedar Cr	1	Mouth	Fisher Cr		8	0.27	5	0	4	1	14.8	0.0	22-May-13
Beaver Cr	1	Mouth	Beaver Cr, Trib A		10	0.50	0	0	0	0	0.0	0.0	15-May-13
N Sister Cr	2	Russell Cr	Herb Cr		24	0.84	5	0	4	1	45.2	27.4	28-May-13
N Sister Cr	1	Sweden Cr	N Sister Cr, Trib A		24	0.90	0	0	0	0	41.1	1.1	28-May-13
Marsh Cr	1	Marsh Cr, Trib A	Headwaters		20	0.28	0	0	0	0	0.0	0.0	15-May-13
Mosetown Cr, E Fk, Trib A	1	Trib 1	Headwaters		21	0.43	0	0	0	0	0.0	0.0	15-May-13
Panther Cr	1	Panther Cr, Trib 2	Panther Cr, Trib3		21	0.63	0	0	0	0	0.0	0.0	15-May-13
Spring Cr	1	Mouth	Headwaters		10	0.70	0	0	0	0	0.0	0.0	15-May-13
Elk Creek				5	3.8								
Elk Cr	1	Lancaster Cr	Parker Cr		14	0.23	0	0	0	0	4.3	0.0	14-May-13
Hardscrabble Cr	1	Mouth	Headwaters		26	1.08	0	0	0	0	0.0	0.0	14-May-13
Sand Cr	1	Mouth	Little Sand Cr		27	1.15	1	0	1	0	2.6	42.6	28-May-13
Curtis Cr	2	Lees Cr	Anlauf Cr		24	0.81	0	0	0	0	2.5	0.0	14-May-13
Elk Cr	2	Bennet Cr	Adams Cr		27	0.50	0	0	0	0	2.0	4.0	14-May-13
South Umpqua				17	14.3								
Deer Cr, N Fk	1	Mouth	Deer Cr, N Fk, Trib A		25	0.15	0	0	0	0	0.0	0.0	14-May-13
Lookingglass Cr	1	Mouth	Olalla Cr		10	0.72	0	0	0	0	0.0	0.0	20-May-13
Lookingglass Cr	2	Mouth	Olalla Cr		8	2.50	0	0	0	0	0.0	0.0	23-Apr-13
Lookingglass Cr (Morgan Cr)	5	Olalla Cr	Archambeau Cr		22	0.66	0	0	0	0	25.8	0.0	20-May-13
Riser Cr	1	Mouth	Headwaters		11	0.77	0	0	0	0	0.0	0.0	21-May-13
Cow Cr	3	Ash Cr	Jerry Cr		12	0.99	0	0	0	0	1.0	0.0	20-May-13
Elk Valley Cr, E Fk	1	Mouth	Headwaters		19	0.84	4	0	4	0	14.3	0.0	16-May-13
Middle Cr	1	Smith Cr	Peavine Cr		25	0.28	2	0	1	1	29.0	0.0	22-May-13
Wood Cr	2	Mouth	Headwaters		20	0.71	0	0	0	0	4.2	0.0	16-May-13
Bull Run Cr	1	Little Bull Run Cr	Ramsey Cr		16	1.25	0	0	0	0	0.0	0.0	06-May-13
Clear Cr	2	Mouth	Headwaters		16	0.26	0	0	0	0	0.0	0.0	06-May-13
S Umpqua R	1	Stinger Gulch Cr	Days Cr		12	1.20	0	0	0	0	0.0	0.0	20-May-13
S Umpqua R	1	Elk Cr	Salt Cr #2		12	0.60	0	0	0	0	3.3	0.0	20-May-13
S Umpqua R	1	S Umpqua R, Trib A	Jackson Cr		11	0.80	0	0	0	0	0.0	2.5	20-May-13
Black Canyon Cr	2	Black Canyon Cr, Trib A	Headwaters		11	1.03	0	0	0	0	0.0	0.0	21-May-13
Falcon Cr	1	Mouth	Abbott Cr		23	0.72	2	0	1	1	9.7	0.0	21-May-13
Boulder Cr	2	Mouth	Slick Cr		21	0.84	23	0	10	13	32.1	0.0	21-May-13
Calapoova Creek				1	0.6								

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							Live counts					Redds / mile	Redds / mile	Last Survey Date
							Total	Marked	Not- marked	Un- known				
Cabin Cr	1	Wheeler Canyon	Cabin Cr, Trib A		24	0.61	0	0	0	0	4.9	0.0	14-May-13	
Tenmile Creek				2		2.1								
South Tenmile Lake				2		2.1								
Johnson Cr	2	Hatchery Cr	Johnson Cr, Rt Fk		19	0.92	2	0	2	0	22.8	17.4	23-May-13	
Benson Cr	6	S Tenmile Lake	Headwaters		18	1.22	25	1	23	1	26.2	6.6	23-May-13	
Coos River				12		11.9								
Millicoma River				7		6.5								
Packard Cr	2	Mouth	Headwaters		17	0.44	0	0	0	0	0.0	0.0	16-May-13	
Y Cr	1	Mouth	Headwaters		17	0.37	0	0	0	0	0.0	0.0	16-May-13	
Millicoma R, E Fk	4	Matson Cr	Beulah Cr		19	0.93	2	0	2	0	20.4	11.8	28-May-13	
Millicoma R, W Fk	4	Devils Elbow Cr	Daggett Cr		9	1.80	109	11	30	68	5.0	41.7	29-May-13	
Deer Cr	2	Mouth	Deer Cr, Trib A		16	0.82	3	0	2	1	31.7	3.7	15-May-13	
Fish Cr	1	Mouth	Fish Cr, Trib A		16	1.44	1	0	1	0	15.3	0.0	15-May-13	
Millicoma R, W Fk	1	Fish Cr	Panther Cr		18	0.68	5	0	3	2	64.7	16.2	15-May-13	
South Fork				5		5.5								
Wren Smith Cr	1	Mouth	Headwaters		20	1.27	0	0	0	0	10.2	1.6	16-May-13	
Bottom Cr	1	Unnamed Trib Bottom Cr	Headwaters		17	0.38	0	0	0	0	5.3	0.0	28-May-13	
Williams R	1	Skip Cr	Trib A		9	1.50	1	1	0	0	6.0	3.3	28-May-13	
Cedar Cr	1	Cedar Cr, Trib A	Gods Thumb Cr		17	1.20	2	0	2	0	12.5	55.8	28-May-13	
Williams R	1	Panther Cr	Fivemile Cr		9	1.10	6	1	4	1	31.8	3.6	28-May-13	
Coquille River				15		15.7								
Mainstem And Bay				2		1.9								
Bill Cr	3	Mouth	Bill Cr, Trib A		16	1.27	5	0	3	2	7.1	0.0	22-May-13	
Bear Cr	2	Monroe Cr	Little Bear Cr		16	0.66	6	1	4	1	30.3	4.5	22-May-13	
North Fork				5		5.0								
Johns Cr	1	Mouth	Headwaters		17	0.79	1	0	1	0	5.1	0.0	20-May-13	
Middle Cr	4	Lost Cr	Alder Cr		8	0.95	2	0	2	0	32.6	12.6	21-May-13	
Middle Cr	1	Park Cr	Headwaters		8	1.00	0	0	0	0	23.0	2.0	21-May-13	
Hudson Cr	4	Mouth	Headwaters		19	1.26	1	0	1	0	5.6	4.0	21-May-13	
Coquille R, N Fk 3		Hudson Cr	Moon Cr		13	1.05	38	8	9	21	40.0	5.7	07-May-13	
East Fork				2		3.9								
Coquille R, E Fk 3		Yankee Run	Hantz Cr		11	3.25	30	6	7	17	19.1	78.4	29-May-13	
Steel Cr	1	Mouth	Headwaters		18	0.62	23	6	14	3	69.4	1.6	07-May-13	

2013 Provisional Summary of Winter Steelhead Spawning Surveys

Basin, Subbasin, Survey Reach	Seg- ment	Downstream reach boundry	Upstream reach boundry	No. Sur- veys	Times surveyed	Survey length (miles)	STEELHEAD				Redds / mile	LAMPREY	
							Live counts					Redds / mile	Last Survey Date
							Total	Marked	Not- marked	Un- known			
Middle Fork				3		3.2							
Axe Cr	1	Mouth	Headwaters		14	1.13	2	0	2	0	6.2	0.0	20-May-13
Rock Cr	6	Rasler Cr	Wooden Rock Cr		11	1.14	51	4	35	12	56.3	9.7	20-May-13
Sandy Cr	3	Sandy Cr, Trib F	Headwaters		16	0.97	7	1	6	0	24.7	26.8	20-May-13
South Fork				3		1.6							
Ward Cr	1	Ward Cr, Trib A	Headwaters		14	0.47	0	0	0	0	0.0	0.0	22-May-13
Catching Cr	1	Chicken Gulch	Gettys Cr		9	0.72	2	0	1	1	20.8	15.3	22-May-13
Salmon Cr	1	Two By Four Cr	Pyburn Cr		14	0.42	8	0	3	5	31.0	7.1	20-May-13
Fourmile Cr				1		1.2							
Mainstem				1		1.2							
Fourmile Cr	2	Oberg Cr	Fourmile Cr, N		18	1.21	4	0	2	2	13.2	14.9	22-May-13
Floras Creek				1		0.6							
Floras Lake				1		0.6							
Boulder Cr	3	Floras Lake	Boulder Cr, Trib A		21	0.59	1	0	0	1	5.1	0.0	22-May-13
Sixes River				5		4.8							
Mainstem				4		3.8							
Sixes R	1	Mouth	Crystal Cr		10	1.60	5	0	0	5	0.0	3.7	20-May-13
Sixes R	1	Elephant Rock Cr	Sixes R, S Fk		10	0.91	18	0	5	13	9.9	27.5	20-May-13
Sixes R	1	Sugar Cr	Sixes R, N Fk		21	0.80	0	0	0	0	13.7	106.2	28-May-13
Sixes R	1	Sixes R, N Fk	Hayes Cr		21	0.44	4	0	3	1	9.1	45.5	28-May-13
Middle Fork				1		1.0							
Sixes R, M Fk	1	Sixes R, M Fk, Trib C	Sixes R, M Fk, Trib D		20	1.03	4	0	0	4	14.6	2.9	28-May-13
Elk River				3		2.1							
Mainstem				3		2.1							
Elk R	3	Knapp Cr	Camp Cr		11	0.65	74	0	28	46	104.3	33.7	29-May-13
Elk R	1	Camp Cr	Indian Cr		11	0.99	22	0	5	17	24.2	28.3	29-May-13
Elk R	1	Elk Cr, Trib D	Platinum Cr		10	0.44	24	0	7	17	4.5	2.3	20-May-13
Hubbard Creek				1		0.5							
Mainstem				1		0.5							
Hubbard Cr	1	Hubbard Cr, M Fk	Headwaters		11	0.47	3	0	2	1	19.1	0.0	28-May-13
Euchre Creek				2		2.3							
Mainstem				2		2.3							
Euchre Cr	1	Boulder Cr	Crew Canyon Cr		14	1.42	27	0	10	17	32.4	1.4	28-May-13

2013 Provisional Summary of Winter Steelhead Spawning Surveys

Basin, Subbasin, Survey Reach	Seg- ment	Downstream reach boundry	Upstream reach boundry	No. Sur- veys	Times surveyed	Survey length (miles)	STEELHEAD					Redds / mile	Last Survey Date
							Live counts				Redds / mile		
							Total	Marked	Not- marked	Un- known			
Euchre Cr	1	Crew Canyon Cr	Crooked Bridge Cr		13	0.84	36	0	20	16	56.0	6.0	22-May-13
Hunter Creek				1		0.5							
Mainstem				1		0.5							
Hunter Cr	2	Conn Cr	Hunter Cr, Little S Fk		12	0.53	0	0	0	0	41.5	64.2	28-May-13
Pistol River				1		1.1							
South Fork				1		1.1							
Pistol R, S Fk	2	Farmer Cr	Headwaters		12	1.09	11	0	5	6	16.5	1.8	21-May-13
Chetco River				4		3.7							
Mainstem				2		2.1							
Chetco R	1	Little Emily Cr	Emily Cr		12	0.19	7	0	0	7	21.1	0.0	16-May-13
Chetco R	1	Second Cr	Chetco R, S Fk		15	1.94	39	0	1	38	1.0	1.0	16-May-13
South Fork				2		1.6							
Quail Prairie Cr	1	Mouth	Nook Cr		13	0.75	3	0	1	2	22.7	2.7	16-May-13
Chetco R, S Fk	1	W Coon Cr	Red Mtn Cr		13	0.85	10	0	7	3	11.8	3.5	21-May-13
Winchuck River				5		5.0							
Mainstem				5		5.0							
Winchuck R	1	Winchuck R, S Fk	Moser Cr		12	0.84	45	0	9	36	6.0	0.0	16-May-13
Winchuck R	4	Moser Cr	Winchuck R, Trib 1		13	1.34	65	0	12	53	30.6	17.2	16-May-13
Salmon Cr	1	Mouth	Headwaters		10	0.93	1	0	0	1	24.7	0.0	21-May-13
Fourth Of July Cr, trib 3	1	Mouth	Headwaters		11	0.85	3	0	2	1	14.1	0.0	21-May-13
Fourth Of July Cr	3	Fourth Of July Cr, trib 3	Headwaters		11	1.04	17	0	10	7	31.7	0.0	21-May-13
Ocean Trib				1		0.4							
Whalehead Cr				1		0.4							
Whalehead Cr, N Fk	1	Mouth	Headwaters		13	0.43	0	0	0	0	2.3	0.0	21-May-13
Lewis and Clark River				19		16.6							
Mainstem				19		16.6							
Lewis and Clark R	2	Stavebolt Cr	Hortill Cr		23	0.90	0	0	0	0	0.0	115.6	21-May-13
Lewis and Clark R	1	HORTILL CR	KLICKITOT CR		23	0.57	0	0	0	0	1.8	42.1	21-May-13
Lewis and Clark R	1	SPEELYAI CR	LOOWIT CR		23	0.90	0	0	0	0	8.9	218.9	21-May-13
LOOWIT CR	2	MOUTH	HEADWATERS		22	0.71	0	0	0	0	0.0	0.0	21-May-13

2013 Provisional Summary of Winter Steelhead Spawning Surveys

Basin, Subbasin, Survey Reach	Seg- ment	Downstream reach boundry	Upstream reach boundry	No. Sur- veys	Times surveyed	Survey length (miles)	STEELHEAD				Redds / mile	LAMPREY	
							Live counts					Redds / mile	Last Survey Date
							Total	Marked	Not- marked	Un- known			
Lewis and Clark R	1	SHWEEASH CR	CAMP C CR		23	1.40	1	0	0	1	11.4	100.0	28-May-13
Lewis and Clark R	2	SHWEEASH CR	CAMP C CR		23	1.12	5	1	0	4	17.9	220.5	28-May-13
Lewis and Clark R	1	CAMP C CR	Lewis and Clark R, S Fk		23	0.60	0	0	0	0	18.3	105.0	28-May-13
Lewis and Clark R	1	Lewis and Clark R, Trib 2	Lewis and Clark R, Trib 3		18	1.10	2	0	0	2	34.5	0.0	20-May-13
Lewis and Clark R	1	Lewis and Clark R, Trib 3	Lewis and Clark R, Trib 4		40	0.95	2	0	2	0	21.1	0.0	20-May-13
Lewis and Clark R	1	Lewis and Clark R, Trib 4	Lewis and Clark R, Trib A		42	0.79	0	0	0	0	50.6	0.0	20-May-13
Lewis and Clark R, Trib A	1	Mouth	Headwaters		40	0.50	0	0	0	0	0.0	0.0	13-May-13
Lewis and Clark R	1	Lewis and Clark R, Trib A	Lewis and Clark R, Trib A1		17	0.80	4	0	2	2	51.2	0.0	20-May-13
Lewis and Clark R	1	Lewis and Clark R, Trib A1	Lewis and Clark R, Trib B		19	1.41	7	0	6	1	51.8	1.4	21-May-13
Lewis and Clark R	1	Lewis and Clark R, Trib B	Lewis and Clark R, Trib C		18	1.00	0	0	0	0	16.0	0.0	21-May-13
Lewis and Clark R, TRIB C	1	Mouth	Headwaters		42	0.66	0	0	0	0	0.0	0.0	20-May-13
Lewis and Clark R	1	Lewis and Clark R, Trib C	Lewis and Clark R, Trib D		17	0.55	1	0	0	1	34.5	0.0	21-May-13
Lewis and Clark R	1	Lewis and Clark R, Trib D	Lewis and Clark R, Trib E		17	0.41	0	0	0	0	22.0	0.0	21-May-13
Lewis and Clark R	1	Lewis and Clark R, Trib E	Lewis and Clark R, Trib F		17	1.22	1	0	0	1	28.7	0.0	21-May-13
Lewis and Clark R	1	Lewis and Clark R, Trib F	Headwaters		17	1.00	0	0	0	0	14.0	0.0	21-May-13
Youngs River				8	6.8								
Walluski River				3	1.4								
Wallooskee R, Trib B	1	MOUTH	Wallooskee R, Trib B, Trib 1		20	0.41	0	0	0	0	0.0	0.0	16-May-13
WALLOOSKEE R	1	TRIB B	TRIB C		20	0.70	0	0	0	0	0.0	118.6	16-May-13
WALLOOSKEE R	2	TRIB C	Trib D		22	0.32	0	0	0	0	0.0	0.0	16-May-13
Klaskanine River				5	5.4								
KLASKANINE R, TRIB A	2	MOUTH	KLASKANINE R, TRIB A, Trib 1		22	0.44	0	0	0	0	2.3	0.0	28-May-13
KLASKANINE R, N FK	1	Lillenas Cr	KLASKANINE R, N FK, N FK		24	1.32	14	11	0	3	11.4	218.9	28-May-13
KLASKANINE R, S FK, TRIB A	2	MOUTH	HEADWATERS		20	0.82	0	0	0	0	0.0	0.0	16-May-13
KLASKANINE R, S FK	2	KLASKANINE R, S FK, TRIB A	KLASKANINE R, S FK, TRIB B		25	1.64	1	0	0	1	4.9	195.7	28-May-13

2013 Provisional Summary of Winter Steelhead Spawning Surveys

Basin, Subbasin, Survey Reach	Seg- ment	Downstream reach boundry	Upstream reach boundry	No. Sur- veys	Times surveyed	Survey length (miles)	STEELHEAD				Redds / mile	LAMPREY	
							Live counts					Redds / mile	Last Survey Date
							Total	Marked	Not- marked	Un- known			
KLASKANINE R, S FK	1	KLASKANINE R, S FK, TRIB B	HEADWATERS		25	1.18	0	0	0	0	2.5	244.1	28-May-13
Bear Creek				4		3.9							
Mainstem				4		3.9							
BEAR CR	2	MOUTH	LITTLE BEAR CR		24	0.70	8	5	0	3	12.9	70.0	20-May-13
LITTLE BEAR CR	1	MOUTH	HEADWATERS		24	1.00	2	2	0	0	5.0	41.0	29-May-13
LITTLE BEAR CR	2	MOUTH	HEADWATERS		24	1.10	1	1	0	0	0.0	17.3	20-May-13
BEAR CR	1	ROCK CR	JOHN DAY CR		23	1.14	8	1	2	5	7.9	31.6	20-May-13
Columbia River				1		0.4							
Ferris Creek				1		0.4							
FERRIS CR	2	MOUTH	Little Ferris Cr		22	0.36	0	0	0	0	0.0	27.8	22-May-13
Big Creek				1		1.1							
Mainstem				1		1.1							
BIG CR	3	LITTLE CR	MILL CR		26	1.11	11	1	0	10	28.8	90.1	29-May-13
Gnat Creek				3		1.6							
Mainstem				3		1.6							
ROCK CR	1	MOUTH	HEADWATERS		23	0.38	0	0	0	0	0.0	50.0	22-May-13
GNAT CR	1	ROCK CR	BIG NOISE CR		23	0.33	0	0	0	0	0.0	178.8	22-May-13
GNAT CR	2	BIG NOISE CR	TRIB A		23	0.91	5	3	0	2	2.2	108.8	22-May-13
Westport Slough				1		1.0							
Mainstem				1		1.0							
PLYMPTON CR	2	MOUTH	HEADWATERS		26	1.03	22	1	11	10	15.5	30.1	29-May-13
Clatskanie River				21		19.7							
Mainstem				21		19.7							
CONYERS CR	1	TRIB A	ROARING CR		9	0.66	0	0	0	0	6.1	90.9	22-May-13
CLATSKANIE R	1	MARTIN CR	MERRILL CR		14	1.12	0	0	0	0	10.7	102.7	13-May-13
PERKINS CR	1	MOUTH	HEADWATERS		17	1.07	0	0	0	0	0.0	0.0	22-May-13
PERKINS CR	2	MOUTH	HEADWATERS		16	0.96	0	0	0	0	0.0	0.0	22-May-13
KEYSTONE CR	1	MOUTH	HEADWATERS		18	1.20	1	0	0	1	0.8	0.0	22-May-13
MILLER CR	1	MOUTH	SCOUT LAKE CR		12	1.27	0	0	0	0	16.5	1.6	22-May-13
CLATSKANIE R	1	DIVISION CR	CLATSKANIE R, N FK		15	1.02	0	0	0	0	85.3	285.3	28-May-13
CLATSKANIE R, N FK	1	MOUTH	HEADWATERS		18	0.90	0	0	0	0	0.0	0.0	20-May-13

2013 Provisional Summary of Winter Steelhead Spawning Surveys

Basin, Subbasin, Survey Reach	Seg- ment	Downstream reach boundry	Upstream reach boundry	No. Sur- veys	Times surveyed	Survey length (miles)	STEELHEAD				Redds / mile	LAMPREY		
							Live counts					Redds / mile	Redds / mile	Last Survey Date
							Total	Marked	Not- marked	Un- known				
CARCUS CR	1	MOUTH	CARCUS CR, W FK		19	1.37	0	0	0	0	44.5	50.4	20-May-13	
CARCUS CR	2	MOUTH	CARCUS CR, W FK		19	1.10	4	0	4	0	26.4	5.5	20-May-13	
CLATSKANIE R	1	CARCUS CR	LITTLE CLATSKANIE R		16	0.86	3	0	1	2	62.8	312.8	20-May-13	
CLATSKANIE R	2	CARCUS CR	LITTLE CLATSKANIE R		16	0.72	0	0	0	0	36.1	88.9	20-May-13	
CLATSKANIE R	5	CARCUS CR	LITTLE CLATSKANIE R		20	1.09	3	0	0	3	44.0	0.9	21-May-13	
LITTLE CLATSKANIE R	1	MOUTH	HEADWATERS		20	1.10	0	0	0	0	0.9	0.0	21-May-13	
CLATSKANIE R	3	LITTLE CLATSKANIE R	CLATSKANIE R, Trib A		20	1.04	1	0	1	0	4.8	1.0	21-May-13	
CLATSKANIE R	1	CLATSKANIE R, Trib A	DRIBBLE CR		20	0.60	2	0	0	2	20.0	0.0	21-May-13	
CLATSKANIE R	2	CLATSKANIE R, Trib A	DRIBBLE CR		21	1.43	0	0	0	0	2.1	0.0	21-May-13	
DRIBBLE CR	1	MOUTH	HEADWATERS		20	0.14	0	0	0	0	0.0	0.0	29-May-13	
CLATSKANIE R	1	DRIBBLE CR	TRIB 1		20	0.31	0	0	0	0	0.0	0.0	29-May-13	
CLATSKANIE R	2	DRIBBLE CR	TRIB 1		20	0.75	0	0	0	0	0.0	0.0	29-May-13	
CLATSKANIE R, TRIB 1	1	MOUTH	HEADWATERS		20	0.99	0	0	0	0	0.0	0.0	29-May-13	
Dobbins Slough				1		0.8								
Beaver Creek				1		0.8								
STEWART CR	1	STEWART CR, N FK	HEADWATERS		17	0.82	0	0	0	0	0.0	0.0	22-May-13	
Goble Creek				2		2.0								
Mainstem				2		2.0								
GOBLE CR, S FK	2	MOUTH	TRIB A		14	1.17	0	0	0	0	0.0	0.0	22-May-13	
GOBLE CR	1	GOBLE CR, S FK	TRIB A1		13	0.80	0	0	0	0	0.0	0.0	22-May-13	
Lower Willamette (Canb				19		17.2								
Mainstem				7		5.6								
MT SCOTT CR	2	PHILLIPS CR	HEADWATERS		16	1.12	0	0	0	0	0.0	0.0	09-May-13	
NETTLE CR	1	MOUTH	NETTLE CR, TRIB A		17	0.40	0	0	0	0	0.0	0.0	06-May-13	
TRYON CR	1	NETTLE CR	PARK CR		16	0.48	0	0	0	0	0.0	0.0	06-May-13	
ABERNATHY CR	1.1	HOLCOMB CR	THIMBLE CR		17	1.07	0	0	0	0	0.0	0.0	06-May-13	
THIMBLE CR	1	MOUTH	HEADWATERS		15	0.48	0	0	0	0	0.0	0.0	06-May-13	
ABERNATHY CR	1	TRIB B	TRIB C		17	1.24	0	0	0	0	0.0	0.0	06-May-13	

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							Live counts					Redds / mile	Redds / mile	Last Survey Date
							Total	Marked	Not- marked	Un- known				
ABERNATHY CR	2	ROOT CR	HEADWATERS		17	0.85	0	0	0	0	0.0	0.0	06-May-13	
Milton Creek				10		9.6								
MILTON CR	2	SCAPPOOSE BAY	PERRY CR		13	0.89	0	0	0	0	0.0	0.0	28-May-13	
MILTON CR	2	PERRY CR	DART CR		13	0.75	0	0	0	0	4.0	5.3	28-May-13	
MILTON CR	1	DART CR	COX CR		13	1.39	0	0	0	0	0.0	0.7	28-May-13	
COX CR	2	MOUTH	HEADWATERS		19	0.84	0	0	0	0	0.0	0.0	21-May-13	
COX CR	3	MOUTH	HEADWATERS		19	0.99	0	0	0	0	2.0	2.0	21-May-13	
MILTON CR	1	COX CR	SALMON CR		13	0.66	0	0	0	0	0.0	1.5	28-May-13	
MILTON CR	2	SALMON CR	SMITH CR		12	0.89	0	0	0	0	0.0	0.0	28-May-13	
MILTON CR	1	SMITH CR	APILTON CR		18	1.06	0	0	0	0	3.8	35.8	28-May-13	
MILTON CR	1	APILTON CR	HEADWATERS		16	1.10	0	0	0	0	0.9	0.0	28-May-13	
MILTON CR	2	APILTON CR	HEADWATERS		17	1.00	0	0	0	0	0.0	0.0	28-May-13	
Johnson Creek				2		2.0								
JOHNSON CR	4	KELLY CR	HEADWATERS		16	1.17	0	0	0	0	0.0	0.0	07-May-13	
JOHNSON CR	5	KELLY CR	HEADWATERS		15	0.87	0	0	0	0	0.0	0.0	29-Apr-13	
Scappoose Creek				7		4.7								
Mainstem				2		2.1								
HONEYMAN CR	2	Honeyman Cr, Trib A	SLY CR		18	0.87	0	0	0	0	0.0	0.0	22-May-13	
SLY CR	1	MOUTH	HEADWATERS		18	1.26	0	0	0	0	0.0	0.0	22-May-13	
South Scappoose Creek				3		1.6								
RAYMOND CR	1	MOUTH	HEADWATERS		18	1.07	0	0	0	0	0.0	0.0	21-May-13	
TRIB B, GOURLAY CR	1	MOUTH	HEADWATERS		17	0.25	0	0	0	0	0.0	0.0	08-May-13	
GOURLAY CR	1	TRIB B	HEADWATERS		17	0.28	0	0	0	0	0.0	0.0	21-May-13	
North Scappoose Creek				2		1.0								
N SCAPPOOSE CR	2	DEEP CR	FALL CR		21	0.34	1	0	0	1	17.6	14.7	22-May-13	
N SCAPPOOSE CR	3	DEEP CR	FALL CR		22	0.65	1	0	0	1	20.0	0.0	22-May-13	
Clackamas River				25		31.4								
Mainstem				9		14.2								
CLACKAMAS R	1	MOUTH	ROCK CR		10	1.31	0	0	0	0	1.5	119.8	15-May-13	
CLACKAMAS R	3	MOUTH	ROCK CR		12	1.92	5	0	1	4	10.9	13.0	22-May-13	
RICHARDSON CR	1	MOUTH	HEADWATERS		21	1.57	0	0	0	0	2.5	0.0	20-May-13	

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							Live counts					Redds / mile	Last Survey Date
							Total	Marked	Not- marked	Un- known			
CLACKAMAS R 1	1	RICHARDSON CR	FOSTER CR		12	1.82	2	0	1	1	1.6	3.3	22-May-13
CLACKAMAS R 1	1	FOSTER CR	DEEP CR		12	1.12	5	0	0	5	7.1	2.7	22-May-13
TICKLE CR	2	MOUTH	TICKLE CR, S FK		20	1.68	7	1	6	0	27.4	13.7	20-May-13
CLACKAMAS R 2	2	DEEP CR	GOOSE CR		11	1.49	0	0	0	0	0.0	0.0	13-May-13
CLACKAMAS R 1	1	GOOSE CR	EAGLE CR		11	1.80	0	0	0	0	0.0	0.0	13-May-13
CLACKAMAS R 2	2	EAGLE CR	DUBOIS CR		11	1.46	2	0	1	1	0.0	0.0	13-May-13
Clear Creek				10		9.6							
BARGFELD CR 1	1	MOUTH	BARGFELD CR, Trib A		20	0.49	0	0	0	0	0.0	0.0	09-May-13
CLEAR CR	4	BARGFELD CR	LITTLE CLEAR CR		19	0.48	0	0	0	0	0.0	16.7	16-May-13
MOSIER CR (TRESTLE CR)	2	MOUTH	HEADWATERS		17	0.77	0	0	0	0	0.0	0.0	09-May-13
CLEAR CR	2	LITTLE CLEAR CR	TRIB A2		19	1.52	1	0	1	0	3.9	49.3	16-May-13
CLEAR CR	3	LITTLE CLEAR CR	TRIB A2		19	1.08	0	0	0	0	8.3	61.1	16-May-13
CLEAR CR	1	TRIB A2	Guthridge Cr		19	1.50	1	0	1	0	18.0	13.3	16-May-13
CLEAR CR	1	Guthridge Cr	SWAGGER CR		19	0.73	0	0	0	0	4.1	11.0	16-May-13
CLEAR CR	1	SWAGGER CR	LITTLE CEDAR CR		19	0.91	1	0	0	1	9.9	8.8	08-May-13
CLEAR CR	1	LITTLE CEDAR CR	LITTLE CLEAR CR		19	1.15	1	0	0	1	16.5	2.6	20-May-13
CLEAR CR	2	LITTLE CEDAR CR	LITTLE CLEAR CR		18	0.98	0	0	0	0	18.4	10.2	20-May-13
Eagle Creek				6		7.6							
EAGLE CR	2	CURRIN CR	EAGLE CR, N FK		21	1.61	3	0	0	3	10.6	78.9	21-May-13
EAGLE CR	3	CURRIN CR	EAGLE CR, N FK		21	0.90	1	0	1	0	5.6	65.6	21-May-13
TROUT CR	2	MOUTH	HEADWATERS		18	1.10	0	0	0	0	0.0	0.0	07-May-13
EAGLE CR, N FK	1	TROUT CR	HEADWATERS		18	1.52	0	0	0	0	0.0	0.0	07-May-13
EAGLE CR	2	EAGLE CR, N FK	DELPH CR		21	1.22	1	1	0	0	14.8	0.0	21-May-13
DELPH CR	2	MOUTH	DELPH CR, TRIB A		17	1.30	2	0	2	0	13.1	0.8	21-May-13
Sandy River				21		26.8							
Mainstem				21		26.8							
BEAVER CR	2	MOUTH	KELLY CR		27	0.54	0	0	0	0	1.9	0.0	20-May-13
SANDY R	1	BEAVER CR	BIG CR		16	1.58	1	0	0	1	0.0	4.4	20-May-13
SANDY R	3	BEAVER CR	BIG CR		17	1.32	1	0	0	1	0.0	0.0	28-May-13
SANDY R	4	BEAVER CR	BIG CR		16	1.64	1	0	0	1	0.6	5.5	28-May-13

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							Live counts					Redds / mile	Redds / mile	Last Survey Date
							Total	Marked	Not- marked	Un- known				
SANDY R	5	BEAVER CR	BIG CR		16	1.30	1	0	0	1	3.1	3.1	28-May-13	
SANDY R	1	BIG CR	BUCK CR		16	2.26	3	0	1	2	8.4	12.8	28-May-13	
SANDY R	2	BIG CR	BUCK CR		16	0.60	0	0	0	0	20.0	56.7	28-May-13	
GORDON CR	3	MOUTH	CAT CR		24	0.54	6	0	3	3	38.9	0.0	20-May-13	
TROUT CR	1	MOUTH	HEADWATERS		23	0.16	0	0	0	0	0.0	0.0	20-May-13	
SANDY R	1	TROUT CR	BEAR CR		16	2.21	0	0	0	0	7.2	0.0	28-May-13	
CEDAR CR	1	MOUTH	FIRWOOD CR		22	0.58	289	197	9	83	163.8	0.0	15-May-13	
SANDY R	1	CEDAR CR	BADGER CR		17	2.26	4	0	2	2	35.4	1.3	29-May-13	
SANDY R	1	SPRING TRIB A	ALDER CR		14	0.81	3	0	0	3	4.9	13.6	21-May-13	
SANDY R	1	WILDCAT CR	SPRING TRIB B		14	2.43	2	0	0	2	2.1	0.0	21-May-13	
SANDY R	1	SPRING TRIB B	SALMON R		15	0.89	4	0	3	1	6.7	0.0	21-May-13	
HACKETT CR	2	MOUTH	HEADWATERS		12	0.97	0	0	0	0	9.3	0.0	22-May-13	
SANDY R	1	HACKETT CR	BEAR CR		16	3.68	16	0	4	12	10.3	0.0	21-May-13	
CLEAR CR	1	MOUTH	LITTLE CLEAR CR		24	0.87	1	0	1	0	26.4	0.0	28-May-13	
CLEAR CR	1	CLEAR CR, TRIB A	HEADWATERS		23	0.68	0	0	0	0	1.5	0.0	13-May-13	
HORSESHOE CR	1	LONG CR	HEADWATERS		10	0.40	0	0	0	0	0.0	0.0	09-May-13	
LOST CR	1	CAST CR	LOST CR, TRIB A		10	1.10	0	0	0	0	0.0	0.0	09-May-13	
Salmon River				5		4.4								
Mainstem				5		4.4								
SALMON R	1	BOULDER CR	SIXES CR		22	0.95	43	3	16	24	77.9	0.0	22-May-13	
LITTLE CHENEY CR	1	MOUTH	HEADWATERS		24	0.54	0	0	0	0	5.6	0.0	22-May-13	
SALMON R	2	CHEENEY CR	TRIB A, SALMON R		26	1.04	2	0	2	0	17.3	0.0	22-May-13	
SALMON R	2	TRIB A, SALMON R	SALMON R, S FK		25	0.90	5	0	1	4	15.6	0.0	22-May-13	
SALMON R	1	BIGHORN CR	COPPER CR		3	0.97	0	0	0	0	4.1	1.0	14-May-13	
Zigzag River				6		4.9								
Mainstem				4		2.7								
HENRY CR	1	MOUTH	CALDWELL CR		25	1.04	0	0	0	0	7.7	0.0	16-May-13	
ZIGZAG R	1	HENRY CR	STILL CR		24	0.30	1	0	1	0	10.0	0.0	22-May-13	
CAMP CR	2	WIND CR	HEADWATERS		22	0.62	0	0	0	0	0.0	0.0	13-May-13	
ZIGZAG R	1	LADY CR	LITTLE ZIGZAG CANYON		21	0.70	0	0	0	0	0.0	0.0	13-May-13	
Still Creek				2		2.2								
STILL CR	3	MOUTH	COOL CR		24	1.13	4	0	0	4	26.5	0.0	28-May-13	

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							Total	Marked	Not- marked	Un- known					
STILL CR	3	TRIB A, STILL	TRIB B, STILL CR		9	1.10	0	0	0	0	0.0	0.0		21-May-13	
Columbia Gorge Tribut				5		2.8									
Bridal Veil Creek				1		0.4									
VIENTO CR	1	MOUTH	HEADWATERS		9	0.41	0	0	0	0	0.0	0.0		29-Jan-13	
Wahkeena Creek				1		0.5									
WAHKEENA CR	1	MOUTH	HEADWATERS		9	0.51	0	0	0	0	0.0	0.0		29-Jan-13	
Oneonta Creek				1		0.4									
ONEONTA CR	1	HORSETAIL CR	HEADWATERS		9	0.45	0	0	0	0	0.0	0.0		29-Jan-13	
Eagle Creek				2		1.5									
LITTLE HERMAN CR	1	MOUTH	HEADWATERS(hatchery)		9	0.17	0	0	0	0	0.0	0.0		29-Jan-13	
HERMAN CR	1	LITTLE HERMAN CR	HEADWATERS		9	1.30	0	0	0	0	0.0	0.0		29-Jan-13	