

2016 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					LAMPREY		Last Survey Date
							Live counts				Redds / mile	Redds / mile		
							Total	Marked	Not- marked	Un- known				
Necanicum River				3		2.1								
Mainstem				3		2.1								
Little Muddy Cr	2	Mouth	Headwaters		13	0.72	0	0	0	0	0.0	0.0	05-May-16	
Bergsvik Cr	1	Joe Cr	Little Joe Cr		16	0.81	10	2	2	6	37.0	65.4	18-May-16	
Little Joe Cr	1	Mouth	Little Joe Cr, Trib A		16	0.52	0	0	0	0	0.0	0.0	18-May-16	
Nehalem River				21		18.4								
Mainstem				18		16.0								
Foley Cr	1	E Foley Cr	Crystal Cr		18	1.02	9	0	4	5	23.5	40.2	19-May-16	
Cook Cr	1.1	Granite Cr	Hoebet Cr		12	1.11	6	1	0	5	29.7	26.1	19-May-16	
E Humbug Cr	1	E Humbug Cr, Trib 2	E Humbug Cr, Trib 3		7	0.20	1	0	0	1	15.0	0.0	16-May-16	
George Cr	1	Mouth	Headwaters		17	0.44	1	0	0	1	0.0	0.0	23-May-16	
Beneke Cr	2	Gilmore Cr	Walker Cr		19	1.21	0	0	0	0	9.9	33.1	23-May-16	
Fishhawk Cr	1	Little Fishhawk Cr	Alder Cr		16	1.17	0	0	0	0	7.7	26.5	23-May-16	
Hamilton Cr	1	Hamilton Cr, Trib A	Headwaters		17	0.61	1	0	1	0	1.6	6.6	23-May-16	
Deep Cr	7	Lane Cr	Deep Cr, Trib 1		15	0.35	0	0	0	0	0.0	0.0	04-May-16	
Nehalem R	1	Lundgren Cr	Battle Cr		9	1.91	0	0	0	0	0.0	114.1	21-Jun-16	
Deer Cr	5	Little Deer Cr	Trib A		17	0.85	0	0	0	0	0.0	0.0	18-May-16	
Oak Ranch Cr	1	Archibald Cr	Oak Ranch Cr, Trib A		8	1.51	0	0	0	0	13.9	7.9	25-May-16	
Crooked Cr	2	Mouth	Headwaters		15	1.19	0	0	0	0	0.0	0.8	18-May-16	
Nehalem R, E Fk	1	E Fk Nehalem, Unnamed Trib A	E Fk Nehalem, Trib B		15	0.85	1	0	1	0	10.6	7.1	18-May-16	
Dell Cr	1	Mouth	Headwaters		14	0.95	0	0	0	0	0.0	0.0	10-May-16	
Beaver Cr	3	Beaver Cr, Trib B	Headwaters		14	0.81	0	0	0	0	0.0	0.0	04-May-16	
Cedar Cr	1	Cedar Cr, Trib A	Headwaters		15	0.55	0	0	0	0	0.0	0.0	16-May-16	
Robinson Cr, Trib A	1	Mouth	HEADWATERS		16	0.58	0	0	0	0	0.0	0.0	10-May-16	
Wolf Cr	1	Wolf Cr, N Fk	Headwaters		17	0.71	9	0	0	9	43.7	14.1	16-May-16	
North Fork				1		0.6								
Sweet Home Cr	1	Sweet Home Cr, Trib C	Sweet Home Cr, Trib D		14	0.59	0	0	0	0	11.9	0.0	26-May-16	
Rock Creek				2		1.8								
Rock Cr	3	Ivy Cr	Maynard Cr		8	0.77	1	0	1	0	10.4	23.4	18-May-16	
Rock Cr, S Fk	2	Bear Cr	Headwaters		15	1.03	2	0	2	0	1.0	0.0	16-May-16	
Miami River				2		2.4								

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							Live counts					Redds / mile	Last Survey Date
							Total	Marked	Not- marked	Un- known			
Mainstem				2		2.4							
Miami R	1	Prouty Cr	Diamond Cr		20	1.50	1	0	0	1	19.3	46.0	09-Jun-16
Miami R, Trib V	1	Mouth	Headwaters		13	0.93	0	0	0	0	19.4	7.5	19-May-16
Kilchis River				3		2.8							
Mainstem				2		2.2							
Kilchis R	1	Washout Cr	Sharp Cr		10	1.42	33	0	15	18	41.5	101.4	16-Jun-16
Kilchis R, N Fk	1	Schroeder Cr	Headwaters		15	0.77	14	0	6	8	32.5	39.0	24-May-16
Little South Fork				1		0.6							
Sam Downs Cr	1	Ruth Cr	Rose Cr		16	0.61	10	0	6	4	42.6	32.8	24-May-16
Wilson River				3		1.7							
Mainstem				3		1.7							
Jordan Cr	4	Jordan Cr, S Fk	Jordan Cr, Trib A		17	0.92	17	0	8	9	83.7	63.0	02-Jun-16
Ben Smith Cr	1	Mouth	Ben Smith Cr, Trib A		16	0.38	1	0	1	0	10.5	0.0	24-May-16
Elk Cr	2	Elk Cr, W Fk	Headwaters		16	0.35	2	0	1	1	37.1	65.7	24-May-16
Trask River				14		10.0							
Mainstem				1		0.3							
Mill Cr, Trib A	2	Mouth	Headwaters		19	0.34	0	0	0	0	0.0	5.9	10-May-16
North Fork				2		1.6							
Clear Cr, #1 (Hembre Cr)	2	Mouth	Headwaters		14	0.77	1	0	0	1	15.6	0.0	17-May-16
Clear Cr, #2	1	Clear Cr #2, Trib 1	Clear Cr #2, Trib A		13	0.81	0	0	0	0	16.0	9.9	17-May-16
South Fork				11		8.1							
Trask R, S Fk, E Fk	2	Mouth	Scotch Cr		13	0.95	16	0	16	0	38.9	0.0	06-Jun-16
Trask R, S Fk, E Fk	1	Bales Cr	Steampot Cr		12	1.28	9	0	9	0	53.1	0.0	30-May-16
Steampot Cr	2	Mouth	Headwaters		10	0.63	0	0	0	0	1.6	0.0	23-May-16
Miller Cr	1	Mouth	Headwaters		10	0.73	0	0	0	0	2.7	0.0	23-May-16
Boundary Cr	1	Mouth	Headquarters Camp Cr		32	0.60	2	0	0	2	20.0	0.0	24-May-16
Stretch Cr	1	Mouth	Headwaters		8	0.55	0	0	0	0	0.0	0.0	30-May-16
Headquarters Camp Cr	1	Stretch Cr	Headwaters		9	0.86	0	0	0	0	0.0	0.0	30-May-16
Trask R, S Fk, E Fk	2	Boundary Cr	Trask R, S Fk, E Fk, Trib A		13	0.73	10	0	10	0	32.9	0.0	31-May-16
Trask R, S Fk, E Fk	1	Trask R, S Fk, E Fk, Trib A	Rock Cr		13	0.56	0	0	0	0	16.1	0.0	31-May-16
Rock Cr	2	Mouth	Headwaters		11	0.46	0	0	0	0	6.5	0.0	24-May-16

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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			
Bill Cr	2	Mouth	Headwaters		4	0.77	1	0	0	1	0.0	0.0	25-Jan-16
Nestucca River				8		7.7							
Mainstem And Bay				4		3.9							
Nestucca R	3	Foland Cr	Wolfe Cr		10	0.91	1	0	0	1	2.2	19.8	24-May-16
East Cr	4	Mouth	Headwaters		19	1.37	18	2	11	5	33.6	21.2	06-Jun-16
Nestucca R	3	Testament Cr	Bear Cr		22	1.08	10	0	5	5	31.5	9.3	23-May-16
Elk Cr	1	Mouth	Elk Cr, Trib A		20	0.52	2	0	2	0	34.6	30.8	06-Jun-16
Three Rivers				2		1.7							
Alder Cr	2	Mouth	Buck Cr		19	0.98	5	3	0	2	20.4	8.2	22-May-16
Crazy Cr	1	Mouth	Headwaters		21	0.71	0	0	0	0	12.7	7.0	22-May-16
Beaver Creek				1		1.0							
E Beaver Cr	2	Wildcat Cr	E Beaver Cr, Trib D		21	1.03	1	0	1	0	28.2	88.3	16-Jun-16
Little Nestucca				1		1.1							
Little Nestucca R	1	Austin Cr	Bear Cr		9	1.08	7	0	4	3	5.6	2.8	24-May-16
Salmon River				2		1.4							
Mainstem And Bay				2		1.4							
Deer Cr	1	Mouth	Headwaters		10	0.95	1	0	1	0	5.3	1.1	24-May-16
Salmon R, Trib G	1	Mouth	Headwaters		13	0.49	0	0	0	0	0.0	0.0	24-May-16
Siletz River				5		2.9							
Mainstem				4		2.0							
Long Prairie Cr	1	Mann Cr	Long Prairie Cr, Trib A		19	0.52	1	0	1	0	13.5	17.3	23-May-16
Sam Cr	1	Sam Cr, Trib A	Headwaters		19	0.73	0	0	0	0	4.1	0.0	23-May-16
Mill Cr, N Fk	1	Mouth	Mill Cr, N Fk, Trib A		17	0.53	6	0	2	4	18.9	0.0	23-May-16
Deer Cr	1	Mouth	Deer Cr, Trib A		17	0.19	2	0	1	1	68.4	0.0	23-May-16
Drift Creek				1		0.9							
Drift Cr	1	Sampson Cr	Smith Cr		14	0.90	9	0	5	4	68.9	55.6	01-Jun-16
Yaquina River				16		10.2							
Mainstem And Bay				9		4.6							
Montgomery Cr	2	Mouth	Headwaters		15	0.47	0	0	0	0	0.0	0.0	17-May-16
Little Beaver Cr	3	Mouth	Headwaters		13	0.21	0	0	0	0	0.0	0.0	17-May-16
Beaver Cr, Trib A	1	Mouth	Beaver Cr, Trib A, Trib 2		16	0.56	0	0	0	0	0.0	0.0	17-May-16
Mill Cr, E Fk	2	Mouth	Headwaters		13	1.31	0	0	0	0	31.3	0.0	17-May-16

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							Live counts				Redds / mile	Redds / mile	
							Total	Marked	Not- marked	Un- known			
Mill Cr, Trib B	1	Mouth	Headwaters		13	0.18	0	0	0	0	0.0	5.6	17-May-16
Mill Cr	1	Mill Cr, Trib B	Mill Cr, Trib C		13	1.08	0	0	0	0	20.4	0.0	17-May-16
Mill Cr, Trib C	1	Mouth	Headwaters		13	0.22	0	0	0	0	0.0	0.0	17-May-16
Mill Cr	1	Mill Cr, Trib C	Headwaters		13	0.10	0	0	0	0	0.0	0.0	17-May-16
Buckhorn Cr	1	Mouth	Headwaters		15	0.45	0	0	0	0	2.2	0.0	17-May-16
Elk Creek				6		5.1							
Deer Cr	1	Cougar Cr	Deer Cr, Trib 1		14	0.43	0	0	0	0	7.0	37.2	01-Jun-16
Savage Cr	1.1	Mouth	Savage Cr, Trib B		12	1.30	14	6	1	7	64.6	60.8	09-Jun-16
Grant Cr	1	Savage Cr	Grant Cr, Trib A		9	1.00	2	0	1	1	44.0	6.0	12-May-16
Feagles Cr	2	Feagles Cr, Trib B	Headwaters		13	0.49	5	2	1	2	116.3	128.6	09-Jun-16
Spout Cr	1	Little Cr	Lake Cr		15	0.55	4	1	2	1	1.8	3.6	17-May-16
Sugarbowl Cr	1	Mouth	Sugarbowl Cr, Trib A		14	1.36	0	0	0	0	0.0	0.0	17-May-16
Little Elk Creek				1		0.5							
Little Elk Cr	1	Salmon Cr	Little Elk Cr, Trib C		10	0.51	0	0	0	0	0.0	3.9	17-May-16
Beaver Creek				1		0.3							
North Fork				1		0.3							
Beaver Cr, N Fk 4		Lewis Cr	Trib G		19	0.29	0	0	0	0	113.8	234.5	06-Jun-16
Alsea River				22		15.4							
Mainstem And Bay				14		9.1							
Fall Cr	1	Carns Canyon	Horse Cr		9	0.39	11	0	8	3	146.2	46.2	14-Jun-16
Fall Cr	2	Carns Canyon	Horse Cr		10	0.39	30	0	25	5	43.6	35.9	14-Jun-16
Fall Cr	1	Horse Cr	Nye Cr		9	1.27	3	1	0	2	37.0	34.6	22-Jun-16
Fall Cr	2	Horse Cr	Nye Cr		9	0.33	0	0	0	2	127.3	90.9	14-Jun-16
Fall Cr	1	Nye Cr	Bull Run Cr		10	0.41	14	0	10	4	117.1	41.5	14-Jun-16
Bull Run Cr	1	Mouth	Headwaters		10	0.85	4	0	3	1	30.6	2.4	07-Jun-16
Bull Run Cr	3	Mouth	Headwaters		8	1.01	0	0	0	0	25.7	0.0	24-May-16
Bull Run Cr	5	Mouth	Headwaters		7	0.70	1	0	0	1	8.6	0.0	10-May-16
Bull Run Cr	6	Mouth	Headwaters		7	0.53	0	0	0	0	3.8	0.0	10-May-16
Fall Cr	2	Bull Run Cr	Cove Cr		20	0.69	8	0	4	4	63.8	13.0	22-Jun-16
Fall Cr	1	Cove Cr	Fall Cr, Trib A		10	0.29	1	0	0	1	51.7	0.0	07-Jun-16
Fall Cr, Trib A	1	Mouth	Headwaters		9	0.32	0	0	0	0	0.0	0.0	24-May-16
Benner Cr	1	Mouth	Headwaters		17	0.58	16	5	2	9	8.6	0.0	24-May-16
Alsea R	2	Sulmon Cr (Salmonberry Cr)	Maltby Cr		10	1.30	0	0	0	0	1.5	266.9	27-Jun-16
Drift Creek				1		0.5							
Trout Cr	3	Trout Cr, E Fk	Trout Cr, Trib D		13	0.52	0	0	0	0	11.5	0.0	24-May-16

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							Total	Marked	Not- marked	Un- known			
Five Rivers				6		4.9							
Five Rivers	1	Mouth	Bear Cr		6	0.74	0	0	0	0	1.4	1.4	19-May-16
Lobster Cr, E Fk 2		Mouth	Headwaters		10	1.30	13	0	10	3	25.4	5.4	26-May-16
Lobster Cr	2	J Line Cr	Lobster Cr, S Fk		11	0.45	1	0	0	1	28.9	11.1	18-May-16
Crab Cr	3	Mouth	Crab Cr, Trib A		15	0.93	1	0	0	1	9.7	2.2	24-May-16
Five Rivers	1	Alder Cr	Crazy Cr		9	0.84	1	0	1	0	7.1	20.2	02-Jun-16
Green R	1	Green R, Trib D	Green R, Trib E		14	0.64	0	0	0	0	9.4	1.6	16-May-16
North Fork				1		0.9							
Crooked Cr	2	Ernest Cr	Zahn Cr		18	0.95	6	1	1	4	31.6	14.7	25-May-16
Yachats River				1		0.9							
Mainstem				1		0.9							
Yachats R	1	Grass Cr	Yachats R, Trib A		15	0.95	8	0	4	4	46.3	36.8	08-Jun-16
Cummins Cr				2		2.5							
Mainstem				2		2.5							
Cummins Cr	1	Little Cummins Cr	Headwaters		9	1.35	4	0	4	0	14.1	14.8	26-May-16
Cummins Cr	2	Little Cummins Cr	Headwaters		15	1.14	4	0	3	1	33.3	8.8	07-Jun-16
Tenmile Creek				1		1.0							
Mainstem				1		1.0							
Mill Cr	4	Mouth	Headwaters		13	1.03	4	0	3	1	1.9	0.0	12-May-16
Big Creek				2		1.7							
Mainstem & S Fk				2		1.7							
Big Cr	2	Mouth	Big Cr, Trib A		16	1.14	24	0	15	9	12.3	73.7	07-Jun-16
Big Cr, S Fk	2	Mouth	Headwaters		9	0.54	12	0	11	1	38.9	7.4	25-May-16
Siuslaw River				14		16.9							
Mainstem				11		14.9							
Knowles Cr	1	Skate Cr	Knowles Cr, Trib N		16	0.39	0	0	0	0	5.1	0.0	17-May-16
Waite Cr, Trib A	1	Mouth	Waite Cr, Trib A, Trib 1		16	0.29	1	0	1	0	13.8	0.0	17-May-16
Miller Cr, Trib A	1	Mouth	Headwaters		16	0.83	0	0	0	0	0.0	0.0	10-May-16
Siuslaw R	1	Wildcat Cr	Whittaker Cr		7	1.69	0	0	0	0	0.0	0.0	26-Apr-16
Esmond Cr	1	Esmond Cr, Trib 3	Cox Cr		20	1.06	2	0	1	1	5.7	17.0	07-Jun-16
Siuslaw R	1	Fawn Cr	Pugh Cr		7	2.05	0	0	0	0	0.0	0.0	26-Apr-16
Clay Cr	1	Mouth	Headwaters		16	1.27	0	0	0	0	4.7	0.0	24-May-16
Siuslaw R	1	Burntwood Cr	Bierce Cr		7	1.73	0	0	0	0	0.0	0.0	26-Apr-16
Siuslaw R	1	Luyne Cr	Siuslaw R, East Trib		7	4.35	0	0	0	0	0.0	0.0	26-Apr-16

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							Total	Marked	Not- marked	Un- known			
Haight Cr	1	Haight Cr, Trib B	Shitten Cr		14	0.34	0	0	0	0	0.0	0.0	05-May-16
Russell Cr	1	Mouth	Russell Cr, Trib A		18	0.87	0	0	0	0	0.0	0.0	11-May-16
North Fork				1		0.4							
Porter Cr	1	Porter Cr, Trib B	Porter Cr, Trib C		17	0.42	1	0	1	0	11.9	4.8	25-May-16
Lake Creek				2		1.7							
Rogers Cr	1	Mouth	Rogers Cr, Trib A		16	0.66	1	0	1	0	65.2	31.8	02-Jun-16
Hula Cr	1	Mouth	Trib A		16	1.00	4	1	1	2	8.0	0.0	16-May-16
Siltcoos River				1		0.1							
Woahink Lake				1		0.1							
Miller Cr	5	Mouth	Headwaters		8	0.14	0	0	0	0	0.0	0.0	09-May-16
Umpqua River				44		36.4							
Mainstem And Bay				8		6.4							
Wind Cr, S Fk	1	Wind Cr, S Fk, Trib A	Headwaters		17	0.38	0	0	0	0	0.0	0.0	16-May-16
Mill Cr	1	Footlog Cr	Pucket Cr		11	1.67	0	0	0	0	0.6	4.2	25-May-16
Wells Cr	1	Mouth	Wells Cr, Trib A		18	0.84	0	0	0	0	6.0	0.0	18-May-16
Weatherly Cr	2	Mouth	Weatherly Cr, Trib C		20	0.97	0	0	0	0	14.4	1.0	18-May-16
Lutsinger Cr	3	Mouth	Lutsinger Cr, Trib A		21	0.41	1	0	1	0	12.2	0.0	18-May-16
Wolf Cr	1	Miner Cr	Rader Cr		20	1.03	1	0	1	0	20.4	0.0	16-May-16
Mill Cr	1	Mill Cr, Trib A	Coles Valley Cr		20	0.61	0	0	0	0	4.9	3.3	16-May-16
Turkey Cr	1	Turkey Cr, Trib B	Headwaters		16	0.51	0	0	0	0	0.0	0.0	10-May-16
Smith River				9		7.0							
Smith R, N Fk	1	Moore Cr	Harlan Cr		8	1.46	4	1	3	0	0.7	28.1	19-May-16
Spencer Cr, W Fk, Trib A	1	Mouth	Headwaters		15	0.48	0	0	0	0	0.0	0.0	16-May-16
Smith R, W Fk	1	Smith R, W Fk, Trib D	Smith R, W Fk, Trib E		12	0.40	0	0	0	0	2.5	2.5	20-May-16
Gold Cr	3	Mouth	Gold Cr, Trib A		11	0.43	0	0	0	0	7.0	0.0	04-May-16
Blackwell Cr	1	Mouth	Headwaters		9	0.83	2	0	1	1	1.2	0.0	16-May-16
S Sister Cr	2	Mouth	Jeff Cr		21	0.95	1	0	1	0	7.4	3.2	16-May-16
N Sister Cr	2	Russell Cr	Herb Cr		23	0.84	6	0	6	0	22.6	75.0	23-Jun-16
Marsh Cr	1	Marsh Cr, Trib A	Headwaters		16	0.28	0	0	0	0	0.0	0.0	05-May-16
Smith R	2	Blind Cr	Mosetown Cr		9	1.33	0	0	0	0	6.8	115.8	19-May-16
Elk Creek				6		6.2							
Elk Cr	1	Mouth	Elk Cr, Trib 1		10	2.12	0	0	0	0	0.0	0.0	11-May-16
Big Tom Folley Cr, Trib 1	1	Mouth	Headwaters		15	0.22	0	0	0	0	4.5	0.0	04-May-16

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							Live counts				Redds / mile	Redds / mile	
							Total	Marked	Not- marked	Un- known			
Elk Cr	1	Brush Cr	Green Cr		11	1.16	0	0	0	0	2.6	12.1	17-May-16
Sand Cr	1	Mouth	Little Sand Cr		22	1.15	0	0	0	0	2.6	28.7	21-Jun-16
Wehmeyer Cr	1	Wehmeyer Cr, Trib B	Headwaters		8	0.33	0	0	0	0	0.0	0.0	04-May-16
Elk Cr	1	Lane Cr	Elk Cr, Trib A		20	1.26	1	0	1	0	0.0	0.0	04-May-16
South Umpqua				19		15.5							
Deer Cr, N Fk	1	Mouth	Deer Cr, N Fk, Trib A		14	0.15	0	0	0	0	0.0	26.7	16-May-16
Roberts Cr	1	Roberts Cr, Trib A	Roberts Cr, Trib B		12	0.74	0	0	0	0	0.0	0.0	03-Mar-16
Rice Cr	1	Rice Cr, Unnamed Cr	Porter Cr		20	0.85	0	0	0	0	0.0	1.2	10-May-16
Weaver Cr	1	Mouth	Weaver Cr, Trib A		18	0.92	3	0	1	2	12.0	0.0	16-May-16
N Myrtle Cr	2	Little Lick	Big Lick		19	0.50	1	0	1	0	2.0	12.0	16-May-16
N Myrtle Cr	4	Little Lick	Big Lick		18	0.42	0	0	0	0	7.1	150.0	16-May-16
Elk Valley Cr, E Fk	1	Mouth	Headwaters		17	0.84	6	0	2	4	14.3	1.2	18-May-16
Wood Cr	2	Mouth	Headwaters		19	0.71	5	0	4	1	9.9	0.0	18-May-16
Windy Cr	2	Lawson Cr	Windy Cr, Trib A		18	0.86	0	0	0	0	3.5	0.0	18-May-16
Cow Cr	1	Cow Cr, Fortune Br	Quines Cr		8	2.90	5	0	0	5	4.1	0.7	24-May-16
Bull Run Cr	1	Little Bull Run Cr	Ramsey Cr		15	1.25	0	0	0	0	0.8	0.0	05-May-16
Clear Cr	2	Mouth	Headwaters		15	0.26	0	0	0	0	0.0	0.0	05-May-16
Canyon Cr, W Fk	1	Canyon Cr, W Fk, Trib B	Canyon Cr, W Fk, Trib C		16	0.41	0	0	0	0	4.9	0.0	05-May-16
Days Cr	1	Perdue Cr	Gilbeaugh Cr		21	0.52	0	0	0	0	17.3	1.9	24-May-16
Days Cr	1	Days Cr, Trib 2	Days Cr, Trib 3		19	0.72	2	0	2	0	4.2	0.0	10-May-16
Black Canyon Cr	2	Black Canyon Cr, Trib A	Headwaters		16	1.03	0	0	0	0	10.7	0.0	08-Jun-16
Falcon Cr	1	Mouth	Abbott Cr		16	0.72	5	0	2	3	48.6	0.0	21-Jun-16
Dumont Cr	1	Straight Cr	Headwaters		14	0.89	9	0	6	3	9.0	0.0	24-May-16
Boulder Cr	2	Mouth	Slick Cr		19	0.84	6	0	6	0	25.0	0.0	08-Jun-16
Calapooya Creek				2		1.2							
Dodge Canyon Cr	2	Dodge Canyon Cr, Trib B	Dodge Canyon Cr, Trib C		18	0.58	0	0	0	0	0.0	0.0	04-May-16
Cabin Cr	1	Wheeler Canyon	Cabin Cr, Trib A		18	0.61	0	0	0	0	3.3	14.8	24-May-16
Coos River				17		18.6							
Mainstem				2		1.0							
Noble Cr	2	Ferry Cr	Noble Cr, Trib A		20	0.26	0	0	0	0	0.0	26.9	05-May-16
Catching Cr	3	Boone Cr	Headwaters		15	0.73	0	0	0	0	2.7	0.0	05-May-16

2016 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				LAMPREY		Last Survey Date
							Live counts				Redds / mile	Redds / mile	
							Total	Marked	Not- marked	Un- known			
Millicoma River				5		3.8							
Packard Cr	2	Packard Cr, Trib	Headwaters		14	0.44	3	0	3	0	9.1	0.0	09-May-16
Woodruff Cr	2	Mouth	Woodruff Cr, Trib A		16	0.91	19	1	5	13	13.2	0.0	09-May-16
Millicoma R, E Fk	4	Matson Cr	Beulah Cr		18	0.93	6	0	1	5	30.1	58.1	19-May-16
Deer Cr	2	Mouth	Deer Cr, Trib A		18	0.82	20	0	12	8	57.3	39.0	25-May-16
Millicoma R, W Fk	1	Fish Cr	Panther Cr		18	0.68	8	0	3	5	29.4	92.6	25-May-16
South Fork				10		13.8							
Wren Smith Cr	1	Mouth	Headwaters		15	1.27	2	0	1	1	0.8	0.0	09-May-16
Coos R, S Fk	1	Coal Cr	Fall Cr		7	2.10	1	0	1	0	0.5	5.7	19-May-16
Tioga Cr	1	Hatcher Cr	Shotgun Cr		13	1.12	1	0	1	0	8.9	17.0	25-Apr-16
Tioga Cr	2	Tioga Cr, Trib A	Tioga Cr, Trib B		12	1.36	7	0	2	5	72.1	2.2	26-Apr-16
Bottom Cr	2	Mouth	Bottom Cr, Trib A		12	1.01	2	0	2	0	5.9	33.7	23-May-16
Bottom Cr, N Fk	1	Mouth	Headwaters		13	1.08	3	0	2	1	24.1	16.7	23-May-16
Williams R	1	Trib 1	Skip Cr		10	2.21	17	1	3	13	2.7	62.0	23-May-16
Cedar Cr	1	Gods Thumb Cr	Lake Cr		15	1.45	5	0	2	3	10.3	182.8	25-May-16
Lake Cr	2	Lake Cr, Trib B	Headwaters		10	1.10	4	0	2	2	15.5	35.5	19-May-16
Williams R	1	Panther Cr	Fivemile Cr		13	1.10	3	0	1	2	20.0	110.9	20-Jun-16
Coquille River				18		13.4							
Mainstem And Bay				3		1.9							
Bear Cr	3	Monroe Cr	Little Bear Cr		19	0.66	13	0	8	5	34.8	21.2	19-May-16
Bear Cr	1	Little Bear Cr	Headwaters		19	0.74	16	0	14	2	28.3	29.6	19-May-16
Rollan Cr	2	Mouth	Headwaters		18	0.54	0	0	0	0	0.0	0.0	27-Apr-16
North Fork				6		5.3							
Coquille R, N Fk	5	Llewellyn Cr	Johns Cr		2	1.10	0	0	0	0	0.0	0.0	01-Mar-16
Johns Cr	1	Johns Cr, Trib B	Johns Cr, Trib C		19	0.30	0	0	0	0	0.0	0.0	23-May-16
Middle Cr	3	Lost Cr	Alder Cr		17	0.88	1	0	0	1	22.7	4.5	25-Apr-16
Middle Cr	2	Park Cr	Headwaters		16	0.69	0	0	0	0	21.7	0.0	25-Apr-16
Hudson Cr	4	Mouth	Headwaters		12	1.26	0	0	0	0	4.8	0.0	23-Mar-16
Coquille R, N Fk	3	Hudson Cr	Moon Cr		19	1.05	36	12	2	22	52.4	15.2	19-May-16
East Fork				3		1.8							
Weekly Cr	2	Mouth	Trib A		21	0.28	0	0	0	0	10.7	42.9	23-May-16
Elk Cr, S Fk	1	Elk Cr, S Fk, Trib A	Headwaters		21	0.87	2	0	1	1	5.7	0.0	23-May-16
Steel Cr	1	Mouth	Headwaters		21	0.62	21	4	7	10	79.0	11.3	23-May-16
Middle Fork				2		1.6							

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Basin, Subbasin, Survey Reach	Seg- ment	Downstream reach boundry	Upstream reach boundry	No. Sur- veys	Times surveyed	Survey length (miles)	STEELHEAD				LAMPREY		Last Survey Date
							Live counts				Redds / mile	Redds / mile	
							Total	Marked	Not- marked	Un- known			
Rock Cr	1	Mouth	Rasler Cr		18	1.34	1	0	0	1	2.2	8.2	26-Apr-16
Sandy Cr	1	Sandy Cr, Trib G	Headwaters		18	0.30	0	0	0	0	13.3	43.3	23-May-16
South Fork				4		2.8							
Ward Cr	1	Ward Cr, Trib A	Headwaters		20	0.47	0	0	0	0	0.0	0.0	03-May-16
Coquille R, S Fk 2		Long Tom Cr	Rowland Cr		8	1.21	0	0	0	0	2.5	491.7	17-May-16
Salmon Cr	1	Two By Four Cr	Pyburn Cr		18	0.42	6	3	2	1	16.7	7.1	24-May-16
Rock Cr	1	Lake Cr	Sand Cr		16	0.68	2	0	2	0	5.9	5.9	24-May-16
Fourmile Cr				1		1.2							
Mainstem				1		1.2							
Fourmile Cr	2	Oberg Cr	Fourmile Cr, N Fk		20	1.21	4	1	2	1	8.3	73.6	24-May-16
Floras Creek				4		3.8							
Mainstem				3		3.2							
Floras Cr	3	Floras Cr, Trib A	Floras Cr, Trib B		13	1.66	1	0	0	1	3.0	31.3	18-May-16
Floras Cr	4	Floras Cr, Trib B	Floras Cr, W Fk		15	0.84	3	0	2	1	7.1	115.5	24-May-16
Floras Cr	10	Floras Cr, Trib B	Floras Cr, W Fk		14	0.74	0	0	0	0	4.1	78.4	24-May-16
Floras Lake				1		0.6							
Boulder Cr	3	Floras Lake	Boulder Cr, Trib A		18	0.59	0	0	0	0	1.7	0.0	12-May-16
Sixes River				5		6.6							
Mainstem				5		6.6							
Sixes R	2	Beaver Cr	Edson Cr		8	1.85	8	0	3	5	0.5	96.8	18-May-16
Sixes R	1	Edson Cr	Dry Cr		8	1.70	19	0	3	16	0.0	94.7	18-May-16
Sixes R	1	Elephant Rock Cr	Sixes R, S Fk		8	0.91	5	3	2	0	4.4	56.0	18-May-16
Sixes R	1	Otter Cr	Sixes R, M Fk		2	1.38	1	0	0	1	5.8	0.0	25-Feb-16
Sixes R	1	Sugar Cr	Sixes R, N Fk		19	0.80	4	0	3	1	7.5	115.0	18-May-16
Lewis and Clark River				12		9.1							
Mainstem				12		9.1							
Lewis and Clark R	1	Lewis and Clark R, Trib 2	Lewis and Clark R, Trib 3		25	1.10	28	0	21	7	48.2	0.9	22-Jun-16
Lewis and Clark R	1	Lewis and Clark R, Trib 3	Lewis and Clark R, Trib 4		20	0.95	1	0	1	0	27.4	0.0	22-Jun-16
Lewis and Clark R	1	Lewis and Clark R, Trib 4	Lewis and Clark R, Trib A		21	0.79	5	0	5	0	10.1	0.0	22-Jun-16
Lewis and Clark R, Trib A	1	Mouth	Headwaters		13	0.50	0	0	0	0	0.0	0.0	24-Apr-16
Lewis and Clark R	1	Lewis and Clark R, Trib A	Lewis and Clark R, Trib A1		20	0.80	5	0	1	4	20.0	0.0	22-Jun-16
Lewis and Clark R	1	Lewis and Clark R, Trib A1	Lewis and Clark R, Trib B		20	1.41	6	0	6	0	29.1	0.0	22-Jun-16

2016 Provisional Summary of Winter Steelhead Spawning Surveys

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							Live counts				Redds / mile	Redds / mile	
							Total	Marked	Not- marked	Un- known			
Lewis and Clark R	1	Lewis and Clark R, Trib B	Lewis and Clark R, Trib C		22	0.20	4	0	2	2	60.0	0.0	22-Jun-16
Lewis and Clark R, TRIB C	1	Mouth	Headwaters		13	0.66	0	0	0	0	0.0	0.0	24-Apr-16
Lewis and Clark R	1	Lewis and Clark R, Trib C	Lewis and Clark R, Trib D		25	0.55	2	0	2	0	38.2	0.0	22-Jun-16
Lewis and Clark R	1	Lewis and Clark R, Trib D	Lewis and Clark R, Trib E		20	0.41	3	0	2	1	43.9	0.0	22-Jun-16
Lewis and Clark R	1	Lewis and Clark R, Trib E	Lewis and Clark R, Trib F		20	1.22	4	0	4	0	32.0	0.0	22-Jun-16
Lewis and Clark R	1	Lewis and Clark R, Trib F	Headwaters		18	0.48	0	0	0	0	31.3	0.0	22-Jun-16
Westport Slough				1		1.0							
Mainstem				1		1.0							
PLYMPTON CR	2	MOUTH	HEADWATERS		27	1.03	27	4	7	16	37.9	68.0	23-May-16
Clatskanie River				21		17.9							
Mainstem				21		17.9							
FALL CR	1	MOUTH	HEADWATERS		24	0.32	0	0	0	0	0.0	121.9	24-May-16
CONYERS CR	1	TRIB A	ROARING CR		27	0.66	0	0	0	0	1.5	681.8	23-May-16
WEST CR	1	MOUTH	HEADWATERS		25	1.08	2	0	1	1	10.2	270.4	23-May-16
CLATSKANIE R	1	MARTIN CR	MERRILL CR		28	1.12	1	0	0	1	2.7	668.7	21-Jun-16
MERRILL CR	1	MOUTH	HEADWATERS		18	0.51	0	0	0	0	0.0	0.0	19-May-16
PERKINS CR	1	MOUTH	HEADWATERS		25	1.07	0	0	0	0	3.7	33.6	23-May-16
PERKINS CR	2	MOUTH	HEADWATERS		26	0.96	2	0	1	1	4.2	0.0	23-May-16
MILLER CR	1	MOUTH	SCOUT LAKE CR		25	1.27	5	0	2	3	26.0	98.4	24-May-16
CARCUS CR	1	MOUTH	CARCUS CR, W FK		23	1.37	3	0	1	2	19.0	224.8	24-May-16
CARCUS CR	2	MOUTH	CARCUS CR, W FK		23	1.10	6	0	0	6	22.7	74.5	24-May-16
CLATSKANIE R	1	CARCUS CR	LITTLE CLATSKANIE R		1	0.86	0	0	0	0	0.0	0.0	23-Dec-15
CLATSKANIE R	2	CARCUS CR	LITTLE CLATSKANIE R		26	0.72	2	0	1	1	9.7	376.4	24-May-16
CLATSKANIE R	3	CARCUS CR	LITTLE CLATSKANIE R		26	1.11	1	0	0	1	11.7	436.9	24-May-16
CLATSKANIE R	5	CARCUS CR	LITTLE CLATSKANIE R		26	1.09	10	0	5	5	18.3	14.7	25-May-16
LITTLE CLATSKANIE R	3	MOUTH	HEADWATERS		21	1.13	0	0	0	0	0.0	0.0	25-May-16
CLATSKANIE R	1	LITTLE CLATSKANIE R	CLATSKANIE R, Trib A		26	0.82	1	0	1	0	4.9	8.5	25-May-16
CLATSKANIE R	3	LITTLE CLATSKANIE R	CLATSKANIE R, Trib A		25	0.70	0	0	0	0	8.6	0.0	25-May-16

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							Live counts				Redds / mile	Redds / mile	
							Total	Marked	Not- marked	Un- known			
CLATSKANIE R	1	CLATSKANIE R, Trib A	DRIBBLE CR		24	0.60	0	0	0	0	8.3	5.0	25-May-16
DRIBBLE CR	1	MOUTH	HEADWATERS		24	0.14	0	0	0	0	0.0	0.0	25-May-16
CLATSKANIE R	1	DRIBBLE CR	TRIB 1		25	0.31	0	0	0	0	0.0	0.0	25-May-16
CLATSKANIE R, TRIB 1	1	MOUTH	HEADWATERS		23	0.99	0	0	0	0	0.0	0.0	25-May-16
Goble Creek				3		2.6							
Mainstem				3		2.6							
GOBLE CR, S FK	2	MOUTH	TRIB A		20	1.17	0	0	0	0	0.0	0.0	23-May-16
GOBLE CR, TRIB A1	1	MOUTH	HEADWATERS		21	1.03	0	0	0	0	0.0	0.0	23-May-16
GOBLE CR	1	TRIB A1	TRIB B		19	0.43	0	0	0	0	0.0	0.0	23-May-16
Tide Creek				1		0.2							
Mainstem				1		0.2							
MERRILL CR, TRIB A	3	MOUTH	HEADWATERS		18	0.17	0	0	0	0	0.0	0.0	05-May-16
Lower Willamette (Canb				18		16.0							
Mainstem				8		6.5							
MT SCOTT CR	1	PHILLIPS CR	HEADWATERS		18	0.90	0	0	0	0	0.0	0.0	26-May-16
MT SCOTT CR	2	PHILLIPS CR	HEADWATERS		18	1.12	0	0	0	0	0.0	0.0	26-May-16
NETTLE CR	1	MOUTH	NETTLE CR, TRIB A		19	0.40	0	0	0	0	0.0	0.0	26-May-16
TRYON CR	1	NETTLE CR	PARK CR		19	0.48	0	0	0	0	0.0	0.0	26-May-16
ABERNATHY CR	1.1	HOLCOMB CR	THIMBLE CR		17	1.07	4	0	2	2	15.0	350.5	23-May-16
THIMBLE CR	1	MOUTH	HEADWATERS		18	0.48	0	0	0	0	0.0	0.0	23-May-16
ABERNATHY CR	1	TRIB B	TRIB C		17	1.24	0	0	0	0	0.0	0.0	23-May-16
ABERNATHY CR	2	ROOT CR	HEADWATERS		18	0.85	0	0	0	0	0.0	0.0	23-May-16
Milton Creek				6		5.4							
MILTON CR	2	SCAPPOOSE BAY	PERRY CR		26	0.89	4	0	0	4	6.7	111.2	26-May-16
MILTON CR	1	DART CR	COX CR		26	1.39	0	0	0	0	1.4	12.2	26-May-16
COX CR	3	MOUTH	HEADWATERS		25	0.35	0	0	0	0	11.4	11.4	25-May-16
COX CR	4	MOUTH	HEADWATERS		25	0.99	0	0	0	0	0.0	20.2	25-May-16
MILTON CR	1	COX CR	SALMON CR		26	0.66	0	0	0	0	4.5	25.8	26-May-16
MILTON CR	1	APILTON CR	HEADWATERS		26	1.10	0	0	0	0	0.0	0.0	25-May-16
Johnson Creek				4		4.1							

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							Live counts				Redds / mile	Redds / mile	
							Total	Marked	Not- marked	Un- known			
JOHNSON CR	8	CRYSTAL SPRINGS CR	KELLY CR		16	0.76	0	0	0	0	0.0	0.0	26-May-16
JOHNSON CR	9	CRYSTAL SPRINGS CR	KELLY CR		17	1.09	0	0	0	0	0.0	2.8	26-May-16
JOHNSON CR	2	KELLY CR	HEADWATERS		17	1.05	0	0	0	0	0.0	0.0	26-May-16
JOHNSON CR	4	KELLY CR	HEADWATERS		17	1.17	0	0	0	0	0.0	0.0	26-May-16
Scappoose Creek				3		2.4							
South Scappoose Creek				3		2.4							
S SCAPPOOSE CR	3	MOUTH	RAYMOND CR		24	1.15	1	0	0	1	1.7	84.3	26-May-16
RAYMOND CR	1	MOUTH	HEADWATERS		22	0.99	0	0	0	0	2.0	6.1	19-May-16
GOURLAY CR	1	TRIB B	HEADWATERS		16	0.28	0	0	0	0	0.0	0.0	19-May-16
Clackamas River				21		25.4							
Mainstem				8		11.7							
CLACKAMAS R	2	MOUTH	ROCK CR		12	1.75	7	0	0	7	4.6	60.6	26-May-16
CLACKAMAS R	3	MOUTH	ROCK CR		12	1.92	10	0	0	10	4.7	229.2	26-May-16
RICHARDSON CR	1	MOUTH	HEADWATERS		18	1.57	0	0	0	0	0.0	0.0	23-May-16
DEEP CR	2	TRIB A	TICKLE CR		20	0.90	1	0	0	1	31.1	95.6	23-May-16
TICKLE CR	4	TRIB B	TRIB C		19	1.01	0	0	0	0	0.0	0.0	23-May-16
TICKLE CR	1	TRIB C	HEADWATERS		20	1.27	0	0	0	0	0.0	0.0	23-May-16
CLACKAMAS R	2	DEEP CR	GOOSE CR		12	1.49	0	0	0	0	0.0	32.9	18-May-16
CLACKAMAS R	1	GOOSE CR	EAGLE CR		12	1.80	7	0	3	4	0.6	96.7	18-May-16
Clear Creek				6		5.4							
BARGFELD CR	1	MOUTH	BARGFELD CR, Trib A		16	0.49	0	0	0	0	0.0	0.0	19-May-16
CLEAR CR	4	BARGFELD CR	LITTLE CLEAR CR		17	0.48	0	0	0	0	2.1	139.6	19-May-16
CLEAR CR	3	LITTLE CLEAR CR	TRIB A2		16	1.08	0	0	0	0	12.0	162.0	19-May-16
CLEAR CR	4	LITTLE CLEAR CR	TRIB A2		16	1.27	1	0	0	1	7.9	29.1	19-May-16
CLEAR CR	1	SWAGGER CR	LITTLE CEDAR CR		17	0.91	0	0	0	0	6.6	15.4	19-May-16
CLEAR CR	1	LITTLE CEDAR CR	LITTLE CLEAR CR		17	1.15	7	0	2	5	44.3	13.0	19-May-16
Eagle Creek				7		8.3							
SUTER CR	2	MOUTH	HEADWATERS		16	0.69	0	0	0	0	0.0	0.0	05-May-16
LITTLE EAGLE CR	2	MOUTH	LITTLE EAGLE CR, TRIB A		17	1.17	0	0	0	0	0.0	0.0	17-May-16
TROUT CR	2	MOUTH	HEADWATERS		18	1.10	0	0	0	0	0.0	0.0	17-May-16

2016 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				LAMPREY		Last Survey Date	
							Live counts				Redds / mile	Redds / mile		Last Survey Date
							Total	Marked	Not- marked	Un- known				
EAGLE CR, N FK	1	TROUT CR	HEADWATERS		16	1.52	2	0	1	1	25.0	0.0	17-May-16	
EAGLE CR	2	EAGLE CR, N FK	DELPH CR		19	1.22	7	1	1	5	30.3	0.0	24-May-16	
DELPH CR	2	MOUTH	DELPH CR, TRIB A		17	1.30	3	0	1	2	6.2	0.0	16-May-16	
EAGLE CR	5	DELPH CR	EAGLE CR, S FK		20	1.28	57	16	7	34	42.2	0.0	24-May-16	
Sandy River				14		18.6								
Mainstem				14		18.6								
SANDY R	1	BEAVER CR	BIG CR		19	1.58	1	0	0	1	0.0	62.0	23-May-16	
SANDY R	3	BEAVER CR	BIG CR		20	1.32	3	1	1	1	3.8	46.2	08-Jun-16	
SANDY R	4	BEAVER CR	BIG CR		19	1.64	2	0	1	1	2.4	39.6	23-May-16	
SANDY R	1	BIG CR	BUCK CR		19	2.26	32	0	6	26	23.5	19.9	23-May-16	
TROUT CR	1	MOUTH	HEADWATERS		18	0.16	0	0	0	0	0.0	0.0	19-May-16	
SANDY R	1	TROUT CR	BEAR CR		17	2.21	4	1	1	2	14.9	13.1	08-Jun-16	
CEDAR CR	1	MOUTH	FIRWOOD CR		25	0.58	133	21	14	98	270.7	24.1	01-Jun-16	
SANDY R	1	CEDAR CR	BADGER CR		16	2.26	19	1	1	17	50.9	10.6	24-May-16	
SANDY R	1	SPRING TRIB A	ALDER CR		17	0.81	0	0	0	0	9.9	1.2	26-May-16	
ALDER CR	3	MOUTH	HEADWATERS		6	1.12	0	0	0	0	0.0	0.0	29-Mar-16	
SANDY R	1	WILDCAT CR	SPRING TRIB B		17	2.43	0	0	0	0	3.3	0.0	26-May-16	
BEAR CR	2	MOUTH	HEADWATERS		17	0.70	0	0	0	0	0.0	0.0	09-May-16	
SANDY R	1	ZIGZAG R	CLEAR CR		10	0.68	0	0	0	0	19.1	0.0	25-May-16	
CLEAR CR	1	MOUTH	LITTLE CLEAR CR		16	0.87	0	0	0	0	41.4	0.0	23-May-16	
Bull Run River				1		1.6								
Mainstem				1		1.6								
BULL RUN R	1	MOUTH	LITTLE SANDY R		12	1.58	4	0	4	0	7.6	0.0	25-May-16	
Salmon River				5		4.8								
Mainstem				5		4.8								
SALMON R	2	SIXES CR	WEEBURN CR (Salmon R, GC Trib)		25	1.47	6	0	2	4	50.3	0.0	01-Jun-16	
LITTLE CHENEY CR	1	MOUTH	HEADWATERS		21	0.54	1	0	1	0	9.3	0.0	18-May-16	
SALMON R	2	CHEENEY CR	TRIB A, SALMON R		23	1.04	1	0	0	1	11.5	0.0	25-May-16	
SALMON R	2	TRIB A, SALMON R	SALMON R, S FK		24	0.90	3	0	0	3	27.8	0.0	25-May-16	
SALMON R, S FK	1	MOUTH	MACK HALL CR		24	0.90	7	0	4	3	34.4	0.0	23-May-16	
Zigzag River				5		4.1								

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							Live counts							
							Total	Marked	Not- marked	Un- known				
Mainstem				3		1.9								
ZIGZAG R	1	HENRY CR	STILL CR		23	0.30	0	0	0	0	36.7	0.0	24-May-16	
CAMP CR	2	WIND CR	HEADWATERS		22	0.62	0	0	0	0	1.6	0.0	23-May-16	
CAMP CR	3	WIND CR	HEADWATERS		20	0.97	0	0	0	0	0.0	0.0	23-May-16	
Still Creek				2		2.2								
STILL CR	3	MOUTH	COOL CR		24	1.13	9	0	3	6	54.0	3.5	24-May-16	
STILL CR	3	TRIB A, STILL CR	TRIB B, STILL CR		21	1.10	0	0	0	0	0.0	0.0	24-May-16	