

Mid Coast (Adrian Gonzalez, Crew Leader):

The season has really slowed down this week. Siletz-Mill is still barely spinning at around 2 revs. The Coho smolts numbers have dropped to low single digits. We are running out of water and even with the little bit of rain forecast for late this week, I think we are looking at shutting down the trap this weekend. Yaquina-Mill is also on a Sunday shutdown trajectory. We are having zeros and fry/smolt look a likes. The reservoir is extremely warm (17C) and we aren't having many new out-migrants. I pulled the game camera and have found the culprit eating our fish.

Cascade Creek is also slowing down, we are having one new fish a day, so we will also shut that trap down this Sunday. We dammed up the creek to increase water in the live well. Tenmile Creek Coho smolt numbers came way down this week. We are in the single digits, but still holding out for some zeros. We will probably run the trap, up till the symposium.

North Coast (Derek Wiley, Assistant Project Leader):

EF Trask:

No new steelhead redds were observed on our last survey upstream of the EF Trask dam this week, so we are now finished all of our steelhead redd calibration surveys in the basin. Overall, it was a great survey year with many steelhead redds observed and good survey conditions for the latter half of the season. Unfortunately, we would have benefitted from more water for the fish. We also finished screw trapping this week, with our last couple of days at the trap dominated by Chinook fingerlings and trout fry. The trap was removed on Thursday with the help of Paul Atwood and Jess Coulter from the District Office (Thanks guys!) and will be taken back to Corvallis on Monday. Both adult steelhead and juvenile estimates will be available in July.

Juvenile out-migrant population estimates for the EF Trask River basin through 6/5/16. Numbers in parentheses indicate extrapolated catch due to insufficient recaptures.

EF Trask	Species	Size Class	Caught	Marked	Recap	Estimate	95% CI	Efficiency		Fork Length	
								Weighted	Overall	Peak	Season
	Coho	Fry	1,065	850	47	27,042	16,932	4.91%	5.53%	40.12	43.15
	Coho	Smolt	981	855	377	2,257	206	44.08%	44.09%	113.08	107.91
	Chinook	Fry	2,525	1,514	70	65,269	18,563	4.44%	4.62%	42.72	46.03
	Chinook	Fingerling	654	529	167	2,065	327	32.15%	31.57%	78.72	70.25
	Steelhead	60-89mm	8	8	0	(10)			0.00%		78.75
	Steelhead	90-119mm	14	14	3	(16)			21.43%		106.43

	Steelhead	Smolt	495	493	59	4,423	1,260	11.48%	11.97%	180.92	178.19
	Cutthroat	60-89mm	3	3	0	(3)			0.00%		83.67
	Cutthroat	90-119mm	85	83	12	673	376	13.45%	14.46%	111.42	109.32
	Cutthroat	120-159mm	660	608	87	4,628	980	14.44%	14.31%	142.36	140.32
	Cutthroat	160-249mm	207	207	28	1,633	617	13.16%	13.53%	176.68	173.51
	Cutthroat	250mm				(4)					339.25

NF Nehalem:

Catch at the screw traps has consisted mostly of Chinook fingerlings this week, with no coho smolts caught in recent days. We will be running both traps through Sunday and removing each next week. The last few steelhead surveys of the season will be finished by the weekend, as flagging and rocks will need to be removed from these surveys. No new steelhead redds have been observed this week.

Juvenile out-migrant population estimates for the NF Nehalem River total basin (upstream of Waterhouse Falls) and upper basin (upstream of Fall Cr Falls) through 5/29/16. Numbers in parentheses indicate extrapolated catch due to insufficient recaptures.

	Species	Size Class	Caught	Marked	Recap	Estimate	95% CI	Efficiency		Fork Length	
								Weighted	Overall	Peak	Season
Total Basin	Coho	Fry	206	184	31	2,710	1,605	9.86%	16.85%	38.96	51.96
	Coho	Smolt	8,590	1,846	775	21,245	1,378	40.97%	41.98%	106.80	104.29
	Chinook	Fry	2,724	1,630	308	64,497	56,123	5.15%	18.90%	42.40	48.88
	Chinook	Fingerling	5,622	1,306	521	13,334	992	42.41%	39.89%	78.36	68.20
	Steelhead	60-89mm	15	14	0	(19)			0.00%		72.87
	Steelhead	90-119mm	23	22	2	(23)			9.09%		102.78
	Steelhead	Smolt	455	440	74	2,774	625	16.65%	16.82%	173.68	168.34
	Cutthroat	60-89mm	2	1	0	(4)			0.00%		81.00
	Cutthroat	90-119mm	41	41	4	(43)			9.76%		108.27
	Cutthroat	120-159mm	244	243	30	2,295	1,078	11.64%	12.35%	138.08	138.46
	Cutthroat	160-249mm	75	75	8	(75)			10.67%		177.82
	Cutthroat	250mm				(7)					304.14

	Species	Size Class	Caught	Marked	Recap	Estimate	95% CI	Efficiency		Fork Length	
								Weighted	Overall	Peak	Season
Upper Basin	Coho	Fry	360	347	95	2,953	2,638	15.74%	27.38%	36.18	55.99
	Coho	Smolt	8,492	1,629	735	18,675	1,258	46.02%	45.12%	102.08	103.19
	Chinook	Fry	875	811	285	6,786	6,299	13.90%	35.14%	42.48	48.59
	Chinook	Fingerling	1,379	1,001	640	2,366	223	60.04%	63.94%	79.44	68.64
	Steelhead	60-89mm	16	16	1	(18)			6.25%		66.94
	Steelhead	90-119mm	41	40	3	(41)			7.50%		106.54
	Steelhead	Smolt	182	180	19	1,927	931	10.08%	10.56%	145.28	156.71
	Cutthroat	60-89mm	2	2	0	(2)			0.00%		87.50
	Cutthroat	90-119mm	32	32	7	(32)			21.88%		110.03
	Cutthroat	120-159mm	188	184	26	1,385	533	14.00%	14.13%	136.48	137.75
	Cutthroat	160-249mm	25	25	3	(25)			12.00%		177.28
	Cutthroat	250mm				(1)					255.00

Mid-South Coast (Pat Burns, Assistant Project Leader)

The West Fork Smith trap was shut down this week as coho and steelhead catch tapered off. Lots of Chinook continue to move downstream.

Chum Reintroduction (Brian Alfonse, Assistant Project Leader):

Bring on the heat! The air temperatures reached the upper 90's for three days in a row in the Lower Columbia this week. These hot days brought the stream temperatures up to 16°C at Clatskanie which is close to our threshold for handling salmonids. Thanks to lower fish numbers and the crews starting early, we were able to avoid having any fish mortality events. After we had some complaints concerning the noise our trap motor was making at Conyers Creek we decided to stop the trap for the season. This leaves just our Clatskanie trap left in operations and with numbers decreasing rapidly we plan on removing this trap next week. This week we managed to capture our first Chinook of the season at Clatskanie. Given the large return of fall Chinook throughout the lower Columbia it was surprising we didn't see more juvenile Chinook in our traps this year.

	Chum	Coho		Chinook	Steelhead			Cutthroat					Trout
	Fry	Fry	Smolt	Fry	<90	90-119	≥120	<90	90-119	120-159	160-249	≥250	Fry
Weekly Catch as of : June 8, 2016													
Clatskanie River (screw trap)			131	1	4		3	4		3	28	2	23
Conyers Creek (screw trap)							1		1	1	1		
Season Catch Totals													
Clatskanie River (screw trap)		39	4217	1	6	3	339	6	2	39	381	12	169
Conyers Creek (screw trap)		240	224	1		13	74	3	31	47	37	2	6
Stewart Creek (fry trap)	122	1,954	15			1	1	1	12	3			
Beaver Creek (screw trap)		9	394	9			54			5	10	2	12