

Mcclellan, Barbara A (DFW)

From: Willapa Bay (DFW)
Sent: Tuesday, October 22, 2024 1:13 PM
Subject: 2024 Willapa Bay Fisheries Update - week 43
Attachments: Naselle Hatchery Adult CHK Summary 10.22.2024.pdf; 2024 WB Hatchery Chinook Eggtake Draft 10.22.2024.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Hello Everyone,
If you have any questions or comments regarding any of the information provided through these emails for the 2024 salmon season, please reply to this email and/or contact the regional staff directly at the Montesano office (360-249-4628).

Recreational Marine Area Fishery

The marine recreational salmon creel monitoring program in the northern area of Willapa harbor ended September 30, 2024.

If you are interested in any data collected by the Ocean Sampling Program for Ocean Areas 1- 4, you can find those data on our website at [Ocean sport salmon quota report | Washington Department of Fish & Wildlife](#)

Spawning Ground Surveys

Stream surveys in the Willapa Bay basin are in full swing with Chinook, coho and chum observed by staff in various different freshwater areas throughout the harbor.

Hatchery Chinook Rack Returns

(See attachment: 2024 WB Hatchery Chinook Eggtake Draft 10.10.2024.pdf)

Naselle River Hatchery:

To-date, a total of 9,565 adult and 525 jack Chinook salmon have volunteered into the attraction channel and recruited into the hatchery. Of these, 1,038 natural origin Chinook salmon have volunteered into the hatchery, and all of those have been planted upstream above the hatchery. A total of 1,109 mortalities have been reported to-date, and there are no longer Chinook on-hand in the pond. There have been 1,858 female Chinook spawned and 5,574,000 Chinook eggs collected at the facility to-date. At this point, Naselle Hatchery has met the Chinook broodstock goal this year. *(See attachment: Naselle Hatchery Adult CHK Summary 10.22.2024.pdf)*

There has not yet been any spawning of coho or chum but there are approximately 1,000 coho and 75 chum that are on-hand in Naselle Hatchery. There has been a total of 67 coho mortalities and 4,470 coho surplus to-date. No chum have died or been surplus to-date at Naselle Hatchery.

Nemah River Hatchery:

To-date, a total of 6,575 adult and 226 jack Chinook salmon have recruited into the hatchery to-date. Of these, 1,082 natural origin Chinook salmon have volunteered into the hatchery and were planted upstream above the hatchery. A total of 1,351 mortalities have been reported to-date, and there are no longer Chinook on-hand in the pond. There have been 1,233 females

spawned and 3,699,000 Chinook eggs collected at the facility to-date. At this point, Nemah Hatchery has met the Chinook broodstock goal this year.

No chum have yet been reported to have volunteered into the hatchery, and there is no coho program at the Nemah Hatchery.

Forks Creek Hatchery:

Forks Creek Hatchery began spawning last week. To-date, a total of 2,702 adult and 151 jack Chinook salmon have recruited into Forks Creek Hatchery. Of these, 61 natural origin Chinook salmon were planted upstream above the hatchery. A total of 206 mortalities have been reported to-date, and there are approximately 1,583 Chinook on-hand at the facility. There have been 171 females spawned and 513,000 Chinook eggs collected at the facility. At this point, Forks Creek Hatchery has met the Chinook broodstock goal this year.

Commercial Fishery

The commercial fishery has been opened in all commercial fishing areas since Sunday, Sept 15 with each commercial area having a different number of days scheduled for each week.

There has been a total of 3,316 hatchery Chinook salmon (78.9% of total hatchery preseason estimates), 23,968 coho (77.0% of preseason estimates), and 33,980 Chum (106.4% of preseason estimates) landed to-date. In total, the fleet has accrued a total of 172 local, natural origin (NOR) Chinook impacts to-date for the season, or 41.8% of the preseason NOR Chinook estimated impacts.

As always, in-season data is preliminary and subject to change.

All data provided through these weekly email updates for the months of August and September will be posted to the Willapa Bay Marine Area 2.1 Recreational Creel Monitoring page of our website listed below.

If you have any comments or questions specific to the information provided in these emails, please submit your comments to WillapaBay@dfw.wa.gov. Additionally, if you know of anyone who might be interested in receiving these in-season update emails or any other information staff send out regarding Willapa Bay, please forward this email and have them reply to WillapaBay@dfw.wa.gov stating they would like to be added to our email distribution list.

Thank you and Fish On! ><(((°> ><(((°>
Barbara McClellan

Online reference links you may be interested in:

Willapa Bay Marine Area 2.1 Recreational Creel Monitoring: [Willapa Bay Recreational Salmon Reports | Washington Department of Fish & Wildlife](#)

Willapa Bay and Grays Harbor (non-treaty) Commercial Salmon fisheries (Regulations and landed catch): [Commercial Willapa Bay and Grays Harbor Gillnet Salmon Fishery | Washington Department of Fish & Wildlife](#)

Naselle Hatchery Adult Chinook Rack Returns

Preliminary/DRAFT *

10/22/2024

Red value = peak run timing

Year	2022						2023						2024 *						Average 2015-2023		
	Hatchery		% Run Timing	Natural		Hatchery		% Run Timing	Natural		Hatchery		% Run Timing	Natural		Stat week	Hatchery	Natural			
	Weekly Total	Cumulative		Weekly Total	Cumulative	Weekly Total	Cumulative		Weekly Total	Cumulative	Weekly Total	Cumulative		Weekly Total	Cumulative						
31	1	1	0%	0	0	0.0%	51	51	0%	3	3	0%	0	0		0	0		31	11	1
32	12	13	0%	0	0	0.0%	127	178	2%	5	8	1%	35	35	0%	4	4	0%	32	31	1
33	2	15	0%	0	0	0.0%	75	253	3%	3	11	2%	83	118	1%	6	10	1%	33	24	2
34	36	51	1%	6	6	1.0%	111	364	4%	7	18	3%	156	274	3%	12	22	2%	34	50	4
35	191	242	3%	17	23	3.7%	48	412	5%	8	26	4%	66	340	4%	7	29	3%	35	79	7
36	174	416	6%	15	38	6.0%	295	707	9%	15	41	6%	49	389	5%	1	30	3%	36	135	11
37	74	490	7%	11	49	7.8%	2	709	9%	0	41	6%	550	939	11%	0	30	3%	37	257	23
38	84	574	8%	6	55	8.7%	129	838	10%	3	44	6%	200	1139	13%	6	36	3%	38	481	38
39	49	623	9%	2	57	9.0%	3,393	4231	51%	29	73	10%	3872	5011	59%	265	301	28%	39	1,181	40
40	608	1,231	18%	53	110	17.5%	1368	5599	67%	166	239	34%	733	5744	68%	492	793	74%	40	564	99
41	2549	3,780	54%	152	262	41.6%	1326	6925	83%	277	516	74%	2335	8079	95%	201	994	93%	41	980	159
42	1696	5,476	79%	184	446	70.8%	1062	7987	96%	125	641	91%	415	8494	100%	77	1071	100%	42	866	154
43	619	6,095	88%	46	492	78.1%	169	8156	98%	45	686	98%							43	239	45
44	463	6,558	94%	88	580	92.1%	124	8280	100%	15	701	100%							44	173	28
45	207	6,765	97%	18	598	94.9%	9	8289	100%	1	702	100%							45	42	5
46	98	6,863	99%	31	629	99.8%	6	8295	100%	0	702	100%							46	20	4
47	76	6,939	100%	0	629	99.8%	0	8295	100%	0	702	100%							47	11	0
48	1	6,940	100%	0	629	99.8%	0	8295	100%	0	702	100%							48	0	0
49	4	6,944	100%	0	629	99.8%	0	8295	100%	0	702	100%							49	1	0
50	1	6,945	100%	1	630	100.0%	0	8295	100%	0	702	100%							50	1	0
51	1	6,946	100%	0	630		0	8295	100%	0	702	100%							51	0	0
Total	6,946			630			8,295			702			8,494			1,071			Avg	5,092	620

* italics = partial week

2024 Willapa Bay **CHINOOK** Broodstock Summary

FishBooks updated 10/22/2024
preliminary/draft

Naselle Hatchery

Program Release	10% add'l for mortality	Total eggs needed	Fecundity # eggs/female	# of Females Needed	# Females Spawnd to-date	# Females still needed	# Adults On-hand at the facility (males & females combined)	# Eggs on Hand	Mortalities (prior to spawning)			Surplus to-date (prior to spawning)		
									Males	Females	Jacks	Males	Females	Jacks
5,000,000	500,000	5,500,000	3,000	1,833	1858	0	0	5,574,000	469	599	41	3302	915	419
									Total	1,109		Total	4,636	
									Hatchery Wild	1,066 43		Hatchery Wild	4,636 0	

Nemah Hatchery

Program Release	10% add'l for mortality	Total eggs needed	Fecundity # eggs/female	# of Females Needed	# Females Spawnd to-date	# Females still needed	# Adults On-hand at the facility (males & females combined)	# Eggs on Hand	Mortalities (prior to spawning)			Surplus to-date (prior to spawning)		
									Males	Females	Jacks	Males	Females	Jacks
3,300,000	330,000	3,630,000	3,000	1,210	1233	0	0	3,699,000	905	354	92	1406	369	103
									Total	1,351		Total	1,878	
									Hatchery Wild	1,351 0		Hatchery Wild	1,878 0	

Forks Creek Hatchery

Program Release	10% add'l for mortality	Total eggs needed	Fecundity # eggs/female	# of Females Needed	# Females Spawnd to-date	# Females still needed	# Adults On-hand at the facility (males & females combined)	# Eggs on Hand	Mortalities (prior to spawning)			Surplus to-date (prior to spawning)		
									Males	Females	Jacks	Males	Females	Jacks
400,000	40,000	440,000	3,000	147	171	0	1583	513,000	73	131	2	318	195	25
									Total	206		Total	538	
									Hatchery Wild	189 17		Hatchery Wild	538 0	

2024 Willapa Bay **COHO** Broodstock Summary

FishBooks updated 10/22/2024
preliminary/draft

Naselle Hatchery

Program Release	10% add'l for mortality	Total eggs needed	Fecundity # eggs/female	# of Females Needed	# Females Spawned to-date	# Females still needed	# Adults On-hand at the facility (males & females combined)	# Eggs on Hand	Mortalities (prior to spawning)			Surplus to-date (prior to spawning)		
									Males	Females	Jacks	Males	Females	Jacks
1,400,000	140,000	1,540,000	2,200 2800 lates	700	0	700	1,000	0	35	29	3	2,567	1,656	247
									Total	67		Total	4,470	
									Hatchery	67		Hatchery	4,470	
									Wild	0		Wild	0	

Forks Creek Hatchery

Program Release	10% add'l for mortality	Total eggs needed	Fecundity # eggs/female	# of Females Needed	# Females Spawned to-date	# Females still needed	# Adults On-hand at the facility (males & females combined)	# Eggs on Hand	Mortalities (prior to spawning)			Surplus to-date (prior to spawning)		
									Males	Females	Jacks	Males	Females	Jacks
600,000	60,000	660,000	2,200 2800 lates	300	0	300	2408	0	7	6	1	291	136	71
									Total	14		Total	498	
									Hatchery	13		Hatchery	498	
									Wild	1		Wild	0	

Nemah Hatchery

No Coho program

2024 Willapa Bay **CHUM** Broodstock Summary
 FishBooks updated 10/22/2024
 preliminary/draft

Naselle Hatchery

Program Release	10% add'l for mortality	Total eggs needed	Fecundity # eggs/female	# of Females Needed	# Females Spawned to-date	# Females still needed	# Adults On-hand at the facility	# Eggs on Hand	Mortalities (prior to spawning)			Surplus to-date (prior to spawning)		
									Males	Females	Jacks	Males	Females	Jacks
500,000	50,000	550,000	2,200	250	0	250	75	0	0	0	0	0	0	0
									Total	0		Total	0	

Nemah Hatchery

Program Release	10% add'l for mortality	Total eggs needed	Fecundity # eggs/female	# of Females Needed	# Females Spawned to-date	# Females still needed	# Adults On-hand at the facility	# Eggs on Hand	Mortalities (prior to spawning)			Surplus to-date (prior to spawning)		
									Males	Females	Jacks	Males	Females	Jacks
1,500,000	150,000	1,650,000	2,200	750	0	750	0	0	0	0	0	0	0	0
									Total	0		Total	0	

Forks Creek Hatchery

Program Release	10% add'l for mortality	Total eggs needed	Fecundity # eggs/female	# of Females Needed	# Females Spawned to-date	# Females still needed	# Adults On-hand at the facility	# Eggs on Hand	Mortalities (prior to spawning)			Surplus to-date (prior to spawning)		
									Males	Females	Jacks	Males	Females	Jacks
500,000	50,000	550,000	2,200	250	0	250	0	0	0	0	0	0	0	0
									Total	0		Total	0	