

Mcclellan, Barbara A (DFW)

From: Willapa Bay (DFW)
Sent: Wednesday, August 19, 2020 12:18 PM
To: Andy Mitby; Bob Lake ; Francis Estalilla; Greg McMillan; Jack Hollingsworth; Jim Sayce; Lance Gray ; Mara Zimmerman ; Marlisa Dugan; Norm Reinhardt; Ross Barkhurst ; Steve Boerner; Tim Hamilton; Aaron Miller; Al Ramsaur ; Alex Dugan ; Allan Cabe; Allan Hollingsworth; Amy Fenlon ; Andrew Olson; Angel Lund; Angie Butrick ; Anthony Koehn; Art Holman; Baylee Hadaway ; Ben Overmars; Bill Buchkowski; Bill Lushenko; Bill Mabe ; Bill Osborn ; Bill Thomas WBGN; Bill Ward ; Bob Haefs; Bob Lucas; Bob Muhlhauer ; Bob Rose; Bob Smith; Brian Davern ; Brian Kraemer; Brock Orton ; Bruce Boyles; Bruce Ogren ; Bruce Urquhart; Bud Wild ; C Biener ; Carl Kellogg; Cary Hofmann; Casey Bradley ; Charles McKown; Chris Ching ; Chris Holm; Chris Philips; Chris Wegerben ; Chris White ; Cindy Pierce; Criss Stewart; Dale Beasley ; Dallas Durham ; Dan Dettmann ; Dan Quaschnik ; Daniel Downard; Darrell Johnson ; Dave Hamilton ; Dave Nettnin ; David Hadsell ; David Hollingsworth; David Patrick; Dean Antich; Dean Takko; Dennis Harman; Dennis Parks; Diana Bone ; Don Porter; Donna Schellenberger ; Dottie Dunthorn ; Duane Inglin; Duane Rogers ; Dwayne Everson; Earl Davis; Eben Brown ; Ed Tharp; Eric Heikkila; Eric Mitby; Frank Blake ; Frank Porembski; Frank Wolfe; G. Blevins; Gail Petersen; Gary Emberley ; Gary Mawhorter; George Leach ; Greg Frister; Greg Kluh ; Greg Larson; Gunther Boettcher; Hope Rieden ; Jack Berryman; Jacob Pratt; James Caron ; Jason Lake ; Jeff Clemons; Jeff McKean; Jeff Skriletz; Jerry Charlton; Jerry Lowe ; Jim Babcock; Jim Paul; Joe Deutsch ; Joe Durham; Joe Koski; Joe Muller; Joe Superfisky; Joe Weber ; John Baugher; John Campbell ; John Rabey; John Stanislay; John Stigall; John Tieder ; Josh Bradley; Josh Fuller; Karen Carter; Kelli Erickson; Ken Wirkkala; Kerri Burlove ; Kirby Denger ; Kirk Johnston ; Kristi Nelson; Lane Chilman; Larry Brown; Leah Thomas; LeeRoy Wisner; Leslie Pederson; Lisa Olsen; Loren Gee; Lori Craig Ashley; Lucas Stigall; Lyle Cabe; Marina May ; Mark Coleman; Mark Eastham; Mark Lund ; Mark Miller ; Matt Chandler ; Melanie Rabaglia; Michael Bos ; Mike Ainsworth ; Mike Backman ; Mike Butler ; Mike Morris ; Mike Nordin ; Mike Riggs; Mike Runyon ; Mike Shirley ; Mike Stephens; Mike Wallace; Miranda Wecker; Nicholas Kato ; Nick Jensen; Nick Larson; Nick Nikkila; Pat Edwards ; Patric Gaffney; Paul Beese; Pete Markantes; Ray Gilbertson; Rebecca Chaffee; Rich Runyon; Richard Chaney; Richard Lapinski; Rick Durkin; Rick Lovitt ; Rob Nowowiejski; Robert Coty ; Robert Groves; Robert Rao; Roger Shaw ; Roger Werth ; Roland Culver; Ron Meek; Ron Rinear ; Ron Schweitzer; Ross Kary ; Russ Perkins; Ryan Johnson; Ryan Moore; Sam Arvan; Sam Arvan ; Shawn Murray; Shawn Murray; Shelley Willet; Steve Aust; Steve Fransen ; Steve Gacke; Steve Gray ; Ted Schuman; Tim Williams; Todd Bennington; Tom Gibbs WBGN; Tom Guntle ; Tom Moonan; Tom Moonan; Tom Peterson; Walt Weber; Wayne Banta ; Wes Bradley ; Woody Pierson Jr.; Woody Pierson Sr.

Cc: Herring, Chad J (DFW); Jennings, Lyle F (DFW); Zimmer, Ryan C (DFW); Pope, Jody M (DFW); Losee, James P (DFW); Larson, John (DFW); Allan, Robert C (DFW); Phillips, Brittany P (DFW); Moulton, Garrett J (DFW); McManus, Kristin S (DFW); Terry, Donald R (DFW); Kent, Annmarie F (DFW); Dolgoff, Samuel M (DFW)

Subject: 2020 Willapa Bay Recreational Marine Area Monitoring In-Season Update through August 16 - management week 33

Attachments: 2020 WB Marine Area Recreational Data & Catch Estimate Summary DRAFT week 33 08.19.2020.pdf; Naselle Hatchery Adult CHK Summary 08.19.2020.pdf

Hi Everyone,

This email is to provide you a weekly in-season update on the Willapa Bay marine area 2.1 recreational fishery from August 10 – 16, 2020 (management week 33) as well as information on Chinook hatchery broodstock at our Willapa Bay facilities.

Recreational Marine Fishery

Since our update last week, there was a significant increase in effort and catch of hatchery Chinook from August 10 – 16, with the highest effort on Saturday, August 15. The increase in effort also resulted in a few more hatchery Chinook being caught for the week, an increase in the number of unmarked Chinook released, and a few coho retained as well. Our dockside staff reported our highest number of landed fish in a single day on Saturday, August 15, beating out the previous week. Even though the tidal exchange between tides was small last week, high tide was in the middle of the day during a weekend with the hottest temperatures. This midday high tide may have contributed to less fish biting but this didn't seem to discourage anglers from fishing throughout the day given the increase in effort reported.

(See attachment; *2020 WB Marine Area Recreational Data & Catch Estimate Summary Draft thru week 33 08.19.2020.pdf*).

For this coming week, we will again have an afternoon high tide (after 12 p.m.) with a larger tidal exchange (minus tide at low and a 6 – 8 foot tide at high). This tidal series will remain this way through this coming weekend and by Monday, August 24, there will be two high tides, with one occurring first thing in the morning. The morning high tide will be the most ideal for fishing Willapa Bay. We are also expecting some light rain tomorrow and Friday, which should help keep the temperatures a bit cooler.

The boat survey work we have been conducting since August 1st is showing 96.3% of the boats fishing so far this year in the Willapa Bay marine area 2.1 are exiting the fishery either in Tokeland or South Bend. These are the locations where we have staff dockside monitoring four days a week. There is only 3.7% of boats exiting the fishery at a location not monitored by our dockside staff.

Hatchery Chinook Rack Returns

Naselle Hatchery:

To-date, there have been 44 Chinook salmon (16 males and 25 females) that have volunteered into the attraction channel and recruited into the hatchery. However, three Chinook have died. The remaining 41 Chinook are hatchery fish and to-date, no natural Chinook have volunteered into the hatchery. These data will be updated in the next weekly in-season email (See attachment; *Naselle Hatchery Adult CHK Summary 08.19.2020.pdf*).

Nemah Hatchery:

To-date, no Chinook have recruited into the hatchery.

Spawning Ground Surveys

We started stream surveys below the weir in Nemah and Naselle rivers at the beginning of August. We conduct these index surveys once a week. We have seen quite a few Chinook staging in the Naselle River but to-date, we have not found any redds. At this point, there has only been about a dozen Chinook seen in the Nemah River staging below the weir during our stream survey. We will also be starting the Lower South Fork Willapa River stream survey next week.

As always, in-season data is preliminary and subject to change. This email and any attachments will be posted to our website using the link provided below for the Willapa Bay Marine Area 2.1 Recreational Creel Monitoring.

If you have any comments or questions regarding any of 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 weekly in-season updates or any other information we may send out regarding Willapa Bay fisheries, please forward this email and have them reply stating they would like to be added to our email distribution list.

Thank you and **Happy Fishing!**

Barbara McClellan

Willapa Bay Fisheries Management

WDFW Region 6 Montesano

Online reference links you may be interested in:

Willapa Bay Marine Area 2.1 Recreational Creel

Monitoring: <https://wdfw.wa.gov/fishing/reports/creel/willapa-bay>

Willapa Bay Advisory Group: <https://wdfw.wa.gov/about/advisory/wbsag>

Willapa Bay and Grays Harbor (non-treaty) Commercial Salmon Fisheries (regulations and landed catch): <https://wdfw.wa.gov/fishing/commercial/gillnet#information>

2020 Willapa Bay Marine Area Recreational Catch Estimate

PRELIMINARY / DRAFT

CHK = Chinook
AD = Adipose clipped (hatchery origin)
UM = Unmarked (natural origin)

CPUE = Catch per unit effort
Effort = An individual angler trip

Strata 1 - Mon - Thurs
Strata 2 - Fri - Sun

updated 8/21/2020

July (Ocean 2 Rules)

Unmarked Chinook retention allowed

Mgmt Week	Expanded Data		Expanded Data - Chinook						Expanded Data - Coho				
	# Boats	# Anglers	Estimated Total Chinook Kept	Total Chinook CPUE	Estimated Total UM Chinook Kept	Willapa Origin Chinook UM Impacts	Estimated Total AD Chinook Kept	Willapa Origin Chinook AD Impacts	Estimated Total Coho Kept	Estimated Total UM Coho Kept	Estimated Total AD Coho Kept	Total Coho CPUE	
25	11	30	0	0.000	0	0	0	0	0	0	0	0.000	No coho retention allowed
26	20	45	0	0.000	0	0	0	0	0	0	0	0.000	
27	20	47	2	0.043	0	0	2	1	1	0	1	0.021	No wild coho retention
28	31	69	0	0.000	0	0	0	0	0	0	0	0.000	
29	105	264	21	0.080	12	4	9	3	14	0	14	0.053	
30	54	123	2	0.016	1	0	1	0	1	0	1	0.008	
31	96	208	10	0.048	2	1	8	2	0	0	0	0.000	
Season Total	337	786	35	0.045	15	4	20	6	16	0	16	0.020	

August and September				Boats and Anglers								Chinook Retained						Chinook Released						Marked Coho			Unmarked Coho			Total Coho	
Unmarked Chinook retention illegal as of August 1				Actual Raw Data					Actual Raw Data		Expanded # Total Anglers	# CHK AD Kept	CHK AD CPUE Kept	Expanded # CHK AD Total Kept	# WB Origin CHK AD Impacts	# CHK UM Kept	CHK UM CPUE Kept	Expanded # CHK UM Total Kept	# CHK UM Released	CHK UM CPUE	Estimated Expanded CHK UM Encounters	Estimated Total CHK UM Impacts	# WB Origin CHK UM Impacts	# Coho AD Kept	Coho AD CPUE	Expanded # Coho AD Kept	# Coho UM Kept	Coho UM CPUE	Expanded # Coho UM Kept	Total Coho CPUE (AD+UM)	Total Expanded # Coho Kept (AD + UM)
Mgmt Week	Dates	Strata	Strata Description	# Boats Sampled	# Boats Not Sampled	# Total Boats			Expanded # Total Boats	Sample Rate																					
31	8/1-8/2	2	Sat - Sun	83	1	84	90	92%	191	2.30	208	7	0.037	8	5	0	0.000	0	3	0.016	3	0	0	1	0.005	1	0	0.000	0	0.005	1
32	8/3 - 8/6	1	Mon - Thur	37	1	38	78	47%	78	2.11	164	4	0.051	8	5	0	0.000	0	2	0.026	4	1	0	0	0.000	0	0	0.000	0	0.000	0
32	8/7 - 8/9	2	Fri - Sun	110	6	116	178	62%	280	2.55	454	11	0.039	18	11	0	0.000	0	6	0.021	10	1	1	1	0.004	2	0	0.000	0	0.004	2
33	8/10 - 8/13	1	Mon - Thur	124	5	129	267	46%	290	2.34	624	49	0.169	105	67	0	0.000	0	11	0.038	24	3	2	3	0.010	6	0	0.000	0	0.010	6
33	8/14 - 8/16	2	Fri - Sun	208	2	210	326	64%	474	2.28	743	34	0.072	53	34	0	0.000	0	24	0.051	38	5	3	0	0.000	0	0	0.000	0	0.000	0
34	8/17 - 8/20	1	Mon - Thur			0																									
34	8/21 - 8/23	2	Fri - Sun			0																									
35	8/24 - 8/27	1	Mon - Thur			0																									
35	8/28 - 8/30	2	Fri - Sun			0																									
36	8/31 - 9/3	1	Mon - Thur			0																									
36	9/4-9/6	2	Fri - Sun			0																									
37	9/7-9/10	1	Mon - Thur			0																									
37	9/11 - 9/13	2	Fri - Sun			0																									
38	9/14 - 9/17	1	Mon - Thur			0																									
38	9/18 - 9/20	2	Fri - Sun			0																									
39	9/21 - 9/24	1	Mon - Thur			0																									
39	9/25 - 9/27	2	Fri - Sun			0																									
40	9/28 -9/30	1	Mon - Wed			0																									
TOTALS				562	15	577	940		1,313	2.34	2,194	105	0.080	193	122	0	0.000	0	46	0.035	79	11	7	5	0.004	9	0	0.000	0	0.004	9

2020 Willapa Bay Origin PreSeason Recreational Data

Preliminary/Draft
Updated 8/19/2020

Willapa Bay Natural-Origin Fall Chinook							Willapa Bay Hatchery-Origin Fall Chinook				
Mgmt Wk	Date	Harvest Rate Proportions	Preseason Prediction		In-season Estimate		Harvest Rate Proportions	Preseason Prediction		In-season Estimate	
			NOR	Cumulative Total	WB Origin	Cumulative Total		HOR	Cumulative Total	WB Origin	Cumulative Total
25	6/20 - 6/21	0.0372	0	0	0	0	0.0049	0	0	0	0
26	6/22 - 6/28	0.0372	0	0	0	0	0.0049	0	0	0	0
27	6/29 - 7/5	0.0372	5	5	0	0	0.0049	12	12	1	1
28	7/6 - 7/12	0.0226	3	8	0	0	0.0066	16	28	0	1
29	7/13 - 7/19	0.0991	14	22	4	4	0.0091	22	49	3	3
30	7/20 - 7/26	0.0596	8	31	0	4	0.0263	63	112	0	4
31	7/27 - 8/2	0.1246	17	48	1	5	0.0274	66	178	7	11
32	8/3 - 8/9	0.0886	12	60	1	6	0.1049	252	430	17	27
33	8/10 - 8/16	0.0848	12	72	5	11	0.1489	357	788	101	128
34	8/17 - 8/23	0.1445	20	93			0.2247	539	1,327		
35	8/24 - 8/30	0.1430	20	113			0.2465	592	1,919		
36	8/31 - 9/6	0.0635	9	121			0.1140	274	2,193		
37	9/7 - 9/13	0.0586	8	130			0.0609	146	2,339		
38	9/14 - 9/20	0.0177	2	132			0.0220	53	2,392		
39	9/21 - 9/27	0.0423	6	138			0.0013	3	2,395		
40	9/28 - 9/30	0.0141	2	140			0.0011	3	2,398		
			140		11	0.082				128	0.053

Naselle Hatchery Chinook Rack Returns

Preliminary/DRAFT *

8/19/2020

Year	2015						2016						2017						2018						2019						2020 *					
Origin	Hatchery			Natural			Hatchery			Natural			Hatchery			Natural			Hatchery			Natural			Hatchery			Natural			Hatchery		Natural			
Stat Week	Daily Total	Cumulative #	% Run Timing	Daily Total	Cumulative #	% Run Timing	Daily Total	Cumulative #	% Run Timing	Daily Total	Cumulative #	% Run Timing	Daily Total	Cumulative #	% Run Timing	Daily Total	Cumulative #	% Run Timing	Daily Total	Cumulative #	% Run Timing	Daily Total	Cumulative #	% Run Timing	Daily Total	Cumulative #	% Run Timing	Daily Total	Cumulative #	% Run Timing	Daily Total	Cumulative #	% Run Timing			
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0.0%	-	-	-	1	1	0.0%	1	1	0.5%	-	-	-	-	-				
32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6	0.2%	-	-	-	9	10	0.4%	0	1	0.5%	-	-	-	-	-				
33	-	-	-	-	-	-	-	-	-	-	-	-	13	13	0.4%	2	2	0.3%	11	17	0.6%	2	2	0.4%	23	33	1.3%	3	4	2.0%	17	17	-			
34	-	-	-	-	-	-	-	-	-	-	-	-	23	36	1.1%	5	7	0.9%	12	29	1.0%	3	5	1.0%	48	61	3.2%	5	9	4.6%	24	41	-			
35	-	-	-	-	-	-	-	-	-	-	-	-	26	62	1.9%	6	13	1.6%	44	73	2.6%	7	12	2.5%	145	226	9.0%	7	16	8.2%	-	-	-			
36	205	205	4.2%	24	24	2.7%	0	0	0.0%	1	1	0.2%	63	125	3.8%	11	24	3.0%	16	89	3.0%	5	17	3.5%	347	573	22.9%	24	40	20.4%	-	-	-			
37	30	235	4.9%	0	24	2.7%	199	199	9.9%	32	33	6.6%	133	258	7.9%	33	57	7.1%	784	873	29.8%	87	104	21.3%	373	948	37.8%	9	49	25.0%	-	-	-			
38	2,016	2,251	46.5%	155	179	20.4%	25	224	11.1%	9	42	8.4%	1,179	1,437	43.8%	148	205	25.7%	128	1,001	34.2%	7	111	22.7%	150	1,096	43.8%	0	49	25.0%	-	-	-			
39	1,449	3,700	76.4%	134	313	35.7%	801	1,025	50.8%	143	185	36.9%	128	1,585	47.7%	17	222	27.8%	123	1,124	36.4%	15	126	25.5%	86	1,182	47.3%	12	61	31.1%	-	-	-			
40	481	4,181	86.3%	269	582	66.4%	229	1,254	62.1%	68	253	50.5%	304	1,869	57.0%	117	339	42.4%	196	1,320	45.1%	65	191	39.1%	32	1,214	48.6%	11	72	36.7%	-	-	-			
41	281	4,482	92.1%	217	799	91.2%	665	1,919	95.1%	54	307	81.3%	1,103	2,972	90.6%	321	660	82.6%	560	1,880	64.2%	114	305	62.4%	521	1,735	69.4%	41	113	57.7%	-	-	-			
42	278	4,740	97.9%	67	866	96.9%	86	2,005	99.4%	182	489	97.6%	184	3,156	98.2%	113	773	96.7%	654	2,534	86.6%	85	390	79.8%	406	2,141	85.6%	17	130	66.3%	-	-	-			
43	25	4,765	98.4%	1	867	99.0%	0	2,005	99.4%	9	498	99.4%	88	3,244	98.9%	21	794	99.4%	219	2,753	94.1%	36	426	87.1%	315	2,456	96.2%	59	189	96.4%	-	-	-			
44	37	4,802	99.1%	6	873	99.7%	0	2,005	99.4%	3	501	100.0%	16	3,260	99.4%	2	796	99.6%	166	2,919	99.7%	58	484	99.0%	26	2,482	99.3%	5	194	99.0%	-	-	-			
45	20	4,822	99.5%	3	876	100.0%	2	2,007	99.5%	0	501	100.0%	8	3,266	99.5%	0	796	99.6%	7	2,926	100.0%	5	489	100.0%	15	2,497	99.9%	1	195	99.5%	-	-	-			
46	11	4,833	99.8%	0	876	100.0%	6	2,013	99.8%	0	501	100.0%	14	3,280	100.0%	2	798	99.9%	0	2,926	100.0%	0	489	-	1	2,498	99.9%	0	195	99.5%	-	-	-			
47	8	4,841	99.9%	0	876	100.0%	4	2,017	100.0%	0	501	100.0%	0	3,280	100.0%	1	799	100.0%	0	2,926	100.0%	0	489	-	0	2,498	99.9%	1	196	100.0%	-	-	-			
48	-	4,841	99.9%	-	876	100.0%	1	2,018	100.0%	0	501	100.0%	0	3,280	100.0%	0	799	-	0	2,926	100.0%	0	489	-	0	2,498	99.9%	0	196	-	-	-	-			
49	-	4,841	99.9%	-	876	100.0%	-	-	-	-	-	-	0	3,280	100.0%	0	799	-	0	2,926	100.0%	0	489	-	2	2,500	100.0%	0	196	-	-	-	-			
50	3	4,844	100.0%	0	876	100.0%	-	-	-	-	-	-	0	3,280	100.0%	0	799	-	0	2,926	100.0%	0	489	-	0	-	0	196	-	-	-	-	-			
51	-	-	-	-	-	-	-	-	-	-	-	-	1	3,281	100.0%	0	799	-	1	2,927	100.0%	0	489	-	0	-	0	196	-	-	-	-	-			
Total	4,844	-	-	876	-	-	2,018	-	-	501	-	-	3,281	-	-	799	-	-	2,927	-	-	489	-	-	2,500	-	-	196	-	-	41	-	0	-		

yellow = incomplete week