

## Mcclellan, Barbara A (DFW)

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**From:** Willapa Bay (DFW)  
**Sent:** Wednesday, August 26, 2020 11:44 AM  
**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 Muhlhauser ; 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 Klueh ; 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 Barrager ; 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 23 - management week 34

**Attachments:** 2020 WB Marine Area Recreational Data & Catch Estimate Summary DRAFT week 34 08.26.2020.pdf; Naselle Hatchery Adult CHK Summary 08.26.2020.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

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 17 – 23, 2020 (management week 34) as well as other fishery related information currently happening in Willapa Bay.

### **Recreational Marine Fishery**

Since our last update, there has been a decline in effort over the last week (Monday Aug. 17 – Sunday Aug 23), with slightly more effort on the weekend compared to the weekdays. There were less hatchery Chinook caught for the week compared to the week before and there has only been a few coho caught through the same timeframe. All of the coho were hatchery fish; no natural coho have been observed at the dock by the staff. Staff encountered more effort focused around the late afternoon high tide the last few days compared to the high tide earlier in the day. Starting last Monday (8/17), high tide was in the middle and warmest part of the day (when fish don't tend to bite) but by this past weekend, there were two high tides; one first thing in the morning and one in the late afternoon. The morning high tide makes for a better fishing experience in Willapa Bay especially if there is a smaller tidal exchange. There was some light rain and wind last Thursday and Friday, which may have helped cool the water temperature a bit.

Starting today, there will still be two fishable high tides and a smaller tidal exchange. This smaller tidal exchange will help keep the weather and water conditions from kicking up. By Sunday, August 30, there will only be one high tide and it will shift to the afternoon after 12 p.m. again.

(See attachment; *2020 WB Marine Area Recreational Data & Catch Estimate Summary Draft week 34 08.26.2020.pdf*).

The boat survey work we have been conducting since August 1<sup>st</sup> is showing 97.2% 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 2.8% 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 117 Chinook (114 adults and 3 jacks) that have volunteered into the attraction channel and recruited into the hatchery. However, eight Chinook (four males and four females) were natural fish. All natural fish were passed upstream above the weir. We have also had ten Chinook die since recruiting into the hatchery. We will see more fish in the rivers over the next several weeks especially if we get any rain and we will begin Chinook spawning at the hatcheries in mid-September. (See attachment; *Naselle Hatchery Adult CHK Summary 08.26.2020.pdf*).

#### **Nemah Hatchery:**

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

### **Spawning Ground Surveys**

We have been conducting weekly index surveys in the Nemah and Naselle rivers since the beginning of August. We have about 300 Chinook staging in the Naselle River below the weir but have yet to find any redds as of yesterday.. To-date, there are only a few dozen Chinook staging in the Nemah River below the weir that have been seen during our stream surveys. We started our weekly index survey in the Lower South Fork Willapa River last week and as of yesterday, there are only a few Chinook staging in the river at this point.

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](mailto: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  
updated 8/27/2020

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

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

Unmarked Chinook retention illegal as of August 1

Mgmt Week	Dates	Strata	Strata Description	Boats and Anglers							Chinook Retained						Chinook Released					Marked Coho			Unmarked Coho			Total Coho							
				Actual Raw Data			Actual Raw Data				Expanded # Total Boats	Sample Rate	# Anglers Sampled	# Anglers per boat	Expanded # Total Anglers	# CHK AD Kept	CHK AD CPUE Kept	Expanded # CHK AD Kept	# WB Origin CHK AD Impacts	# CHK UM Kept	CHK UM CPUE Kept	Expanded # CHK UM 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)
				# Boats Sampled	# Boats Not Sampled	# Total Boats	# Boats	# Anglers	# Anglers																										
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	25	0.053	39	5	3	0	0.000	0	0	0.000	0	0.000	0				
34	8/17 - 8/20	1	Mon - Thur	113	2	115	230	49%	226	2.00	460	19	0.084	39	25	0	0.000	0	12	0.053	24	3	2	0	0.000	0	0	0.000	0	0.000	0				
34	8/21 - 8/23	2	Fri - Sun	140	7	147	221	63%	300	2.14	473	16	0.053	25	16	0	0.000	0	18	0.060	28	4	3	5	0.017	8	0	0.000	0	0.017	8				
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				815	24	839	1,390		1,839	2.26	3,126	140	0.076	257	163	0	0.000	0	77	0.042	133	19	12	10	0.005	17	0	0.000	0	0.005	17				

**2020 Willapa Bay Origin PreSeason Recreational Data**

Preliminary/Draft  
Updated 8/27/2020

Willapa Bay <b>Natural-Origin</b> Fall Chinook							Willapa Bay <b>Hatchery-Origin</b> 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	6	12	0.1489	357	788	101	128	
34	8/17 - 8/23	0.1445	20	93	5	16	0.2247	539	1,327	40	169	
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		16	0.116			2,401		169	0.070

Naselle Hatchery Chinook Rack Returns

Preliminary/DRAFT \*

8/26/2020

Year	2015						2016						2017						2018						2019						2020 *					
	Hatchery			Natural			Hatchery			Natural			Hatchery			Natural			Hatchery			Natural			Hatchery			Natural			Hatchery			Natural		
Stat Week	Weekly Total	Cumulative	% Run Timing	Weekly Total	Cumulative	% Run Timing	Weekly Total	Cumulative	% Run Timing	Weekly Total	Cumulative	% Run Timing	Weekly Total	Cumulative	% Run Timing	Weekly Total	Cumulative	% Run Timing	Weekly Total	Cumulative	% Run Timing	Weekly Total	Cumulative	% Run Timing	Weekly Total	Cumulative	% Run Timing	Weekly Total	Cumulative	% Run Timing	Weekly Total	Cumulative	% Run Timing	Weekly 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	-	0	0	
34	-	-	-	-	-	-	-	-	-	-	-	-	23	36	1.1%	5	7	0.0%	12	29	1.0%	3	5	1.0%	48	81	3.2%	5	9	4.6%	55	72	-	3	3	
35	-	-	-	-	-	-	-	-	-	-	-	-	26	62	1.9%	6	13	1.6%	44	73	2.5%	7	12	2.5%	145	226	9.0%	7	16	8.2%	27	99	-	5	8	
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	3.6%	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	946	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%	146	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	1,565	47.7%	17	222	27.6%	123	1,124	36.4%	15	126	25.8%	86	1,182	47.3%	12	61	31.1%	-	-	-	-	-	
40	481	4,181	86.3%	269	582	66.4%	229	1,254	82.1%	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	4,462	92.1%	217	799	91.2%	665	1,919	95.1%	54	307	61.3%	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%	87	886	98.9%	86	2,005	99.4%	182	489	97.6%	184	3,158	96.2%	113	773	96.7%	654	2,534	86.6%	85	390	79.8%	408	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	159	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%	6	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	198	-	-	-	-	-		
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	-	-	198	-	-	99	-	-	8	-	

yellow = incomplete week