

## **Mcclellan, Barbara A (DFW)**

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**From:** Willapa Bay (DFW)  
**Sent:** Wednesday, September 2, 2020 5:17 PM  
**To:** Aaron Miller; Al Ramsaur ; Alex Dugan ; Allan Cabe; Allan Hollingsworth; Amy Fenlon ; Andrew Olson; Andy Mitby; 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 Lake ; 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 Hagen; Carl Kellogg; Cary Hofmann; Casey Bradley ; Charles McKown; Chris Ching ; Chris Holm; Chris Phillips; 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; Jack Hollingsworth; Jacob Pratt; James Caron ; Jamie Goodson; 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 Bronson ; John Campbell ; John Rabey; John Stanislav; John Stigall; John Tieder ; Josh Bradley; Josh Fuller; Karen Carter; Kelli Erickson; Ken Wirkkala; Kerri Burlove ; Kirby Denger ; Kirk Johnston ; Kristi Nelson; Lance Gray ; 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 ; Michael Egans ; Mike Ainsworth ; Mike Anning ; 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; Norm Reinhardt; 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 Barkhurst ; Ross Kary ; Russ Perkins; Ryan Johnson; Ryan Moore; Sam Arvan; Sam Arvan ; Sam Chesley ; Shawn Murray; Shawn Murray; Shelley Willet; Steve Aust; Steve Boerner; 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.; Francis Estalilla; Greg McMillan; Jim Sayce; Mara Zimmerman ; Marlisa Dugan; Tim Hamilton  
**Cc:** Herring, Chad J (DFW); Jennings, Lyle F (DFW); Zimmer, Ryan C (DFW); Pope, Jody M (DFW); Allan, Robert C (DFW); Larson, John (DFW); Losee, James P (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 30 - management week 35  
**Attachments:** 2020 WB Marine Area Recreational Data & Catch Estimate Summary DRAFT week 35 09.02.2020.pdf; Naselle Hatchery Adult CHK Summary 09.02.2020.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 24 – 30, 2020 (management week 35) as well as other fishery related information currently happening in Willapa Bay.

### **Recreational Marine Fishery**

Since our last update, there was a significant increase in effort and the number of fish caught and brought to the docks either in Tokeland or South Bend. It seems the best fishing day for both effort and catch was last Friday, August 28. Coho catch was up from the previous week and we did see our first wild coho caught this season last week as well. This increase in effort was expected given how close we are getting to Labor Day. The increase in effort and catch can be explained, in part, by the tidal series that occurred last week. High tide was better from Monday through Friday last week; a morning tide with a smaller tidal exchange. This provided a better fishing experience during the weekdays compared to the weekend when high tide shifted to the afternoon. This shift resulted in less fish being caught over the weekend. The number of unmarked Chinook encountered increased as well. There was a marine layer first thing in the morning on several days during this management week but cleared as the day progressed.

Starting today and for the next week, there will only be one fishable tide and it will be in the afternoon. However, the tidal exchange is higher this week compared to last week (minus tide at low to 8 feet at high). This larger tidal exchange could kick up some wind in the afternoon when the tides shift to high water. There won't be another string of morning high water tides until next week after Labor Day. Effort is likely to remain high as it is Labor Day weekend. (See attachment; *2020 WB Marine Area Recreational Data & Catch Estimate Summary Draft week 35 09.02.2020.pdf*).

The boat survey work we have been conducting since August 1<sup>st</sup> is showing 96.2% of the boats fishing 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. This is a slight decrease from the previous week. This means that a few more anglers are utilizing other launch locations other than Tokeland and South Bend to exit the fishery.

### **Hatchery Chinook Rack Returns**

#### **Naselle Hatchery:**

To-date, there have been a total of 158 Chinook (153 adults and 5 jacks) that have volunteered into the attraction channel and recruited into the hatchery. Nine Chinook (four males and five females) were natural fish. All natural fish were passed upstream above the weir. We have also had 22 Chinook die since recruiting into the hatchery. We are currently below the total number of hatchery Chinook in the hatchery than we had last year (2019) through this same management week 35 but double the number compared to 2018 for the same week. We will need a decent freshet to push some of the fish in the river into the hatchery. We will also begin Chinook spawning at the hatcheries in mid-September. (See attachment; *Naselle Hatchery Adult CHK Summary 09.02.2020.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 still have quite a few Chinook staging in the Naselle River below the weir but have yet to find



any redds. To-date, staff have seen just under 100 Chinook staging in the Nemah River below the weir during our stream surveys. We started our weekly index survey in the Lower Willapa and Lower South Fork Willapa rivers two weeks ago and there have only been few Chinook seen staging in the river. We will gradually begin to add additional Chinook spawner surveys in other river systems throughout Willapa Bay over the next few weeks. We typically start to see our first redds mid to late September depending on the system.

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

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 9/2/2020

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			Boats and Anglers		Actual Raw Data																						
				# Boats Sampled	# Boats Not Sampled	# Total Boats			Expanded # Total Boats	Sample Rate	# Anglers Sampled																				# Anglers per boat
Mgmt Week	Dates	Strata	Strata Description	# Boats Sampled	# Boats Not Sampled	# Total Boats	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)
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	164	14	178	380	43%	360	2.20	835	56	0.156	130	82	0	0.000	0	39	0.108	90	13	8	8	0.022	19	3	0.008	7	0.031	26
35	8/28 - 8/30	2	Fri - Sun	245	13	258	413	59%	579	2.36	977	71	0.123	120	76	0	0.000	0	50	0.086	84	12	7	18	0.031	30	6	0.010	10	0.041	40
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				1,224	51	1,275	2,184		2,778	2.27	4,938	267	0.096	506	321	0	0.000	0	166	0.060	308	43	27	36	0.013	66	9	0.003	17	0.016	83



# 2020 Willapa Bay Origin PreSeason Recreational Data

Preliminary/Draft  
Updated 9/2/2020

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	16	32	0.2465	592	1,919	158	327
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		32	0.227			2,401	327	0.136



Naselle Hatchery Chinook Rack Returns

Preliminary/DRAFT \*

9/2/2020

Year	2015						2016						2017						2018						2019						2020 *					
Origin	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			
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	0.9%	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%	42	114		6	9	
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%	13	127		0	9	
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%	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	1,565	47.7%	17	222	27.8%	123	1,124	38.4%	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	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	4,462	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%	67	866	98.9%	86	2,005	99.4%	182	489	97.6%	184	3,156	96.2%	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	98.2%	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%	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	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			127			9		

yellow = incomplete week