2020 WILLAPA BAY FISHERY SUMMARY

Model B

CHINOOK

	Total Hatchery	Willapa North	Nemah Palix	Naselle Bear	Total Natural	Willapa North	Nemah Palix	Naselle Bear
2020 Pre-Season Runsize	28,271	1,845	15,743	10,683	2,914	1,973	358	583

	HATCHERY					NATURAL				
	Total Hatchery	WB Origin	Willapa North	Nemah Palix	Naselle Bear	Total Natural	WB Origin	Willapa North	Nemah Palix	Naselle Bear
Commercial Catch	1,465	**1,465**	302	21	1,142	0	0	0	0	0
Commercial Impacts						176	145	95	1	49
Commercial Harvest Rate (HR)		0.052	0.163	0.001	0.107		0.050	0.049	0.001	0.084
Recreational Marine Catch		**2,401**	583	9	1,806		140	121	0	19
Marine HR		0.085	0.316	0.001	0.169		0.048	0.061	0.000	0.033
Recreational Freshwater Catch		**6,717**	142	5,068	1,508		96	44	39	13
FW HR		0.238	0.077	0.322	0.141		0.033	0.022	0.110	0.022
Expected Escapement		17,688	818	10,645	6,227		**2,533**	1,712	318	502
Total Exploitation Rate		0.374	0.556	0.324	0.417		0.131	**0.132**	0.112	**0.139**

Total Commercial Days Scheduled

Stat Week	2T	2U	2N	2R	2M	
32	0	0	0	0	0	Closed
33	0	0	0	0	0	
34	0	0	0	0	0	
35	0	0	0	0	0	
36	0	0	0	0	0	12 hr openings, CHK MSF and Chum Retention allowed. 2M & 2N Tangle Net
37	0	0	**1**	0	0	
38	**2**	**2**	**3**	0	**2**	12 hr openings, CHK MSF & Chum Retention allowed, Gillnet small mesh gear
39	**3**	**3**	**3**	0	**2**	
40	**2**	**3**	**3**	0	**2**	
41	**1**	**2**	**2**	0	**2**	
42	0	0	0	0	0	Closed
43	0	0	0	0	0	
44	0	0	0	0	0	
45	**1**	**1**	**1**	0	**1**	24-hr days, Chinook MSF, Chum Release required, Gillnet, small mesh gear
46	**2**	**2**	**2**	0	**2**	
47	**2**	**2**	**2**	0	**2**	
48	**2**	**2**	**2**	0	**2**	
49	0	0	0	0	0	Closed
Total	**15**	**17**	**19**	**0**	**15**	

COHO

	Total Hatchery	Willapa North	Nemah Palix	Naselle Bear	Total Natural	Willapa North	Nemah Palix	Naselle Bear
2020 Pre-Season Runsize	38,748	6,963	0	31,785	15,964	8,617	3,758	3,589

Post Ocean Fisheries

	HATCHERY				NATURAL			
	Total Hatchery	Willapa North	Nemah Palix	Naselle Bear	Total Natural	Willapa North	Nemah Palix	Naselle Bear
Commercial Catch	**4,091**	1,050	0	3,041	**1,340**	839	162	339
Commercial Harvest Rate (HR)	0.106	0.151	0.000	0.096	0.084	0.097	0.043	0.094
Recreational Marine Catch	**2,619**	470	0	2149	**910**	362	419	129
Marine HR	0.068	0.068	0.000	0.068	0.057	0.042	0.112	0.036
Recreational Freshwater Catch	**2,897**	860	61	1976	**88**	59	1	29
FW HR	0.075	0.124	0.000	0.062	0.063	0.007	0.000	0.008
Expected Escapement	29,141				**13,626**			
Total Exploitation Rate	24.8%				14.6%			

	TOTAL CHUM	
2020 Pre-Season Runsize	40,804	
Commercial Catch	2,535	
Commercial Harvest Rate (HR)	0.062	
Recreational Marine Catch	121	Recreational Retention allowed
Marine HR	0.003	
Recreational Freshwater Catch	170	Recreational Retention allowed
FW HR	0.004	
Expected Escapement	37,978	
Total Exploitation Rate	**6.9%**	

Recreational Regulations

Area	Section	Season	Daily Limit	Adult Bag Limit	2-Pole	2-Pole Upper Extent	Natural CHK Retention	Natural Coho Retention
Marine Area 2.1	Control Zone	Date?- July 31	Same as Marine Area 2 - Daily limit 2. Only 1 may be a CHK. Release wild Coho.					
		Aug. 1 - Jan. 31	6	2	Yes	-	0	**2**
Willapa River	mouth upstream to Hwy 6 Bridge below Trap Crk	Aug. 1 - Jan. 31	6	2	Yes	2nd Bridge on Camp One Rd.	0	**0**
	Hwy 6 upstream to Fork Creek	Aug. 16 - Jan. 31	6	2	Yes		0	**0**
	Fork Creek to Hwy 6 Br (near Lebam)	Oct. 31 - Jan. 31	6	2	No	-	0	**0**
SF Willapa River	mouth to bridge on Pehl Rd	Aug. 1 Jan. 31	6	2	No	-	0	**0**
Fork Creek	Fork Crk Hatchery rack upstream 500' at the fishing boundary sign	Oct. 1 - Jan. 31	6	2	No	-	0	**0**
North River	mouth upstream to Fall River	Oct. 1 - Jan. 31	6	2	No	-	0	**0**
Smith Creek	mouth to Hwy 101 Bridge	Oct. 1 - Dec. 31	6	2	No		0	**0**
North Nemah River	Hwy 101 Br. to Nemah Valley Rd. Br.	Aug. 1 - Jan. 31	6	2	No	-	0	**0**
Nemah Valley Rd. Br. Upstream to Hancock Property Line approx. 1.66 M		Closed to salmon fishing						
	Hancock Property Line upstream to temporary weir	Aug. 1 - Sept 15, Seniors Only*	6	2	No	-	0	**0**
	temporary weir upstream to Nemah Hat. Dam	Closed to ALL fishing						
	Nemah Hatchery dam upstream to N700 Rd	Oct. 1 - Jan. 31	6	2	No	-	0	**0**
Middle Nemah River	mouth to bridge on Middle Nemah A-line Rd	Sept. 1 - Jan. 31	6	2	No	-	0	**0**
South Nemah River	mouth to confluence with Middle Nemah R.	Sept. 1 - Jan. 31	6	2	No	-	0	**0**
Palix River	Hwy 101 to mouth of Middle Fork	Closed to salmon fishing						
Niawiakum River	Hwy 101 Br. To the S. Bend/Palix Rd Br	Closed to salmon fishing						
Naselle River	mouth (Hwy 101) upstream to South Fork Naselle River	Aug. 1 - Jan. 31	6	2	Yes		0	**0**
	from South Fork Naselle River upstream to attraction channel	Aug. 16 - Jan 31	6	2	No	-	0	**0**
	Attraction channel upstream to Crown Mainline Bridge	Oct 16 - Jan. 31	6	2	No	-	0	**0**
Bear River	mouth upstream to Lime Quarry Rd	Sept. 1 - Jan. 31	6	2	No	-	0	**0**

* Seniors defined as 70 years old and over

2020 WILLAPA BAY FISHERY SUMMARY

Model K

CHINOOK

	Total Hatchery	Willapa North	Nemah Palix	Naselle Bear	Total Natural	Willapa North	Nemah Palix	Naselle Bear
2020 Pre-Season Runsize	28,271	1,845	15,743	10,683	2,914	1,973	358	583

	HATCHERY					NATURAL				
	Total Hatchery	**WB Origin**	**Willapa North**	**Nemah Palix**	**Naselle Bear**	**Total Natural**	**WB Origin**	**Willapa North**	**Nemah Palix**	**Naselle Bear**
Commercial Catch	2,201	**2,201**	470	31	1,700	0	0	0	0	0
Commercial Impacts						183	149	92	1	55
Commercial Harvest Rate (HR)		0.078	0.255	0.002	0.159		0.051	0.047	0.002	0.095
Recreational Marine Catch		**2,401**	583	9	1,806		140	121	0	19
Marine HR		0.085	0.316	0.001	0.169		0.048	0.061	0.000	0.033
Recreational Freshwater Catch		**5,410**	61	4,941	409		66	20	39	6
FW HR		0.191	0.033	0.314	0.038		0.023	0.010	0.110	0.011
Expected Escapement		18,259	731	10,762	6,768		**2,559**	1,739	318	502
Total Exploitation Rate		0.354	0.604	0.316	0.366		0.122	**0.119**	0.112	**0.139**

Total Commercial Days Scheduled

Stat Week	2T	2U	2N	2R	2M	
32	0	0	0	0	0	Closed
33	0	0	0	0	0	
34	0	0	0	0	0	
35	0	0	0	0	0	
36	0	0	0	0	0	12 hr openings, CHK MSF and Chum Retention allowed, Tangle Net Only
37	**2**	**2**	**2**	0	0	
38	**2**	**2**	**2**	0	**2**	12 hr openings, CHK MSF & Chum Retention allowed, 2U Tangle Net, Other areas gillnet small mesh gear,
39	**2**	**3**	**3**	0	**2**	
40	**2**	**3**	**2**	0	**2**	
41	0	0	0	0	**2**	
42	**1**	0	**2**	0	**2**	
43	0	0	0	0	0	Closed
44	0	0	0	0	0	
45	**1**	**1**	**1**	0	**1**	24-hr days, Chinook MSF, Chum Retention allowed, Gillnet small mesh gear
46	**2**	**2**	**2**	0	**2**	
47	**2**	**2**	**2**	0	**2**	
48	**2**	**2**	**2**	0	**2**	
49	0	0	0	0	0	Closed
Total	**16**	**17**	**18**	**0**	**17**	

COHO

	Total Hatchery	Willapa North	Nemah Palix	Naselle Bear	Total Natural	Willapa North	Nemah Palix	Naselle Bear
2020 Pre-Season Runsize	38,748	6,963	0	31,785	15,964	8,617	3,758	3,589

Post Ocean Fisheries

	HATCHERY				NATURAL			
	Total Hatchery	**Willapa North**	**Nemah Palix**	**Naselle Bear**	**Total Natural**	**Willapa North**	**Nemah Palix**	**Naselle Bear**
Commercial Catch	**5,011**	1,401	0	3,610	**1,409**	811	183	414
Commercial Harvest Rate (HR)	0.129	0.201	0.000	0.114	0.088	0.094	0.049	0.115
Recreational Marine Catch	**2,619**	470	0	2149	**910**	362	419	129
Marine HR	0.068	0.068	0.000	0.068	0.057	0.042	0.112	0.036
Recreational Freshwater Catch	**1,334**	383	34.7885	916	**32**	18	0	14
FW HR	0.034	0.055	0.000	0.029	0.059	0.002	0.000	0.004
Expected Escapement	29,783				**13,613**			
Total Exploitation Rate	23.1%				14.7%			

	TOTAL CHUM	
2020 Pre-Season Runsize	40,804	
Commercial Catch	3,024	
Commercial Harvest Rate (HR)	0.074	
Recreational Marine Catch	121	Recreational Retention allowed
Marine HR	0.003	
Recreational Freshwater Catch	167	Recreational Retention allowed
FW HR	0.004	
Expected Escapement	37,491	
Total Exploitation Rate	**8.1%**	

Recreational Regulations

Area	Section	Season	Daily Limit	Adult Bag Limit	2-Pole	2-Pole Upper Extent	Natural CHK Retention	Natural Coho Retention
Marine Area 2.1	Control Zone Open	Date? - July 31	Same as Marine Area 2 - Daily limit??					
		Aug. 1 - Jan. 31	6	2	Yes	-	0	**2**
Willapa River	mouth upstream to Hwy 6 Bridge below Trap Crk	Aug. 1 - Jan. 31	6	1	Yes	2nd Bridge on Camp One Rd.	0	**0**
	Hwy 6 upstream to Fork Creek	Aug. 16 - Jan. 31	6	1	Yes		0	**0**
	Fork Creek to Hwy 6 Br (near Lebam)	Oct. 31 - Jan. 31	6	1	No	-	0	**0**
SF Willapa River	mouth to bridge on Pehl Rd	Aug. 1 - ~~Jan 31~~ Sept 30	6	1	No	-	0	**0**
Fork Creek	Fork Crk Hatchery rack upstream 500' at the fishing boundary sign	Oct. 1 - Jan. 31	6	1	No	-	0	**0**
North River	mouth upstream to Fall River	Closed to salmon fishing						
Smith Creek	mouth to Hwy 101 Bridge	Closed to salmon fishing						
North Nemah River	Hwy 101 Br. to Nemah Valley Rd. Br.	Aug. 1 - ~~Jan 31~~ Sept 30	6	2	No	-	0	**0**
	Nemah Valley Rd. Br. Upstream to Hancock Property Line approx. 1.66 M	Closed to salmon fishing						
	Hancock Property Line upstream to temporary weir	Aug. 1 - Sept 15, Seniors Only*	6	2	No	-	0	**0**
	temporary weir upstream to Nemah Hat. Dam	Closed to ALL fishing						
	Nemah Hatchery dam upstream to N700 Rd	~~Oct. 1 - Jan. 31~~	Closed to salmon fishing					
Middle Nemah River	mouth to bridge on Middle Nemah A-line Rd	Sept. 1 - ~~Jan. 31~~ Sept 30	6	1	No	-	0	**0**
South Nemah River	mouth to confluence with Middle Nemah R.	Sept. 1 - ~~Jan. 31~~ Sept 30	6	1	No	-	0	**0**
Palix River	Hwy 101 to mouth of Middle Fork	Closed to salmon fishing						
Niawiakum River	Hwy 101 Br. To the S. Bend/Palix Rd Br	Closed to salmon fishing						
Naselle River	mouth (Hwy 101) upstream to South Fork Naselle River	Aug. 1 - Jan. 31	6	1	Yes		0	**0**
	from South Fork Naselle River upstream to Hwy 4	Aug. 16 - Jan 31	6	1	No	-	0	**0**
	Hwy 4 to hatchery attraction channel	Closed to salmon fishing						
	Attraction channel upstream to Crown Mainline Bridge	Oct 16 - Jan. 31	6	1	No	-	0	**0**
Bear River	mouth upstream to Lime Quarry Rd	~~Sept. 1 - Jan. 31~~	Closed to salmon fishing					

* Seniors defined as 70 years old and over

2020 WILLAPA BAY FISHERY SUMMARY

Model M

CHINOOK

	Total Hatchery	Willapa North	Nemah Palix	Naselle Bear	Total Natural	Willapa North	Nemah Palix	Naselle Bear
2020 Pre-Season Runsize	28,271	1,845	15,743	10,683	2,914	1,973	358	583

	HATCHERY					NATURAL				
	Total Hatchery	WB Origin	Willapa North	Nemah Palix	Naselle Bear	Total Natural	WB Origin	Willapa North	Nemah Palix	Naselle Bear
Commercial Catch	2,774	**2,774**	660	34	2,080	0	0	0	0	0
Commercial Impacts						234	189	127	1	62
Commercial Harvest Rate (HR)		0.098	0.358	0.002	0.195		0.065	0.064	0.002	0.107
Recreational Marine Catch		**818**	198	3	615		48	41	0	7
Marine HR		0.029	0.108	0.000	0.058		0.016	0.021	0.000	0.011
Recreational Freshwater Catch		**3,988**	65	2,868	1,055		49	20	22	6
FW HR		0.141	0.035	0.182	0.099		0.017	0.010	0.062	0.011
Expected Escapement		20,691	921	12,838	6,934		**2,628**	1,785	335	508
Total Exploitation Rate		0.268	0.501	0.185	0.351		0.098	**0.095**	0.064	**0.128**

Total Commercial Days Scheduled

Stat Week	2T	2U	2N	2R	2M	
32	0	0	0	0	0	Closed
33	0	0	0	0	0	
34	0	0	0	0	0	
35	0	0	0	0	0	
36	0	0	0	0	0	12 hr openings, CHK MSF and Chum Retention allowed.
37	**3**	**3**	**2**	0	0	
38	**3**	**3**	**3**	0	**2**	12 hr openings, CHK MSF & Chum Retention allowed, 2U Tangle Net, Other areas Gillnet small mesh gear
39	**3**	**3**	**3**	0	**2**	
40	**3**	**3**	**3**	0	**2**	
41	**2**	**2**	**2**	0	**3**	
42	0	0	**3**	0	**2**	
43	0	0	0	0	0	CLOSED
44	0	0	0	0	0	
45	**1**	**1**	**1**	0	**1**	24-hr days, Chinook MSF, Chum Retention allowed, Gillnet small mesh gear
46	**2**	**2**	**2**	0	**2**	
47	**2**	**2**	**2**	0	**2**	
48	**2**	**2**	**2**	0	**2**	
49	0	0	0	0	0	Closed
Total	**21**	**21**	**23**	**0**	**18**	

COHO

	Total Hatchery	Willapa North	Nemah Palix	Naselle Bear	Total Natural	Willapa North	Nemah Palix	Naselle Bear
2020 Pre-Season Runsize	38,748	6,963	0	31,785	15,964	8,617	3,758	3,589

Post Ocean Fisheries

	HATCHERY				NATURAL			
	Total Hatchery	Willapa North	Nemah Palix	Naselle Bear	Total Natural	Willapa North	Nemah Palix	Naselle Bear
Commercial Catch	**6,588**	1,959	0	4,629	**1,985**	1,145	248	593
Commercial Harvest Rate (HR)	0.170	0.281	0.000	0.146	0.124	0.133	0.066	0.165
Recreational Marine Catch	**942**	169	0	773	**327**	130	151	46
Marine HR	0.024	0.024	0.000	0.024	0.020	0.015	0.040	0.013
Recreational Freshwater Catch	**1,422**	422	30.093	970	**43**	29	0	14
FW HR	0.037	0.061	0.000	0.031	0.023	0.003	0.000	0.004
Expected Escapement	29,796				**13,608**			
Total Exploitation Rate	23.1%				14.8%			

	TOTAL CHUM	
2020 Pre-Season Runsize	40,804	
Commercial Catch	3,607	
Commercial Harvest Rate (HR)	0.088	
Recreational Marine Catch	121	Recreational Retention allowed
Marine HR	0.003	
Recreational Freshwater Catch	165	Recreational Retention allowed
FW HR	0.004	
Expected Escapement	36,911	
Total Exploitation Rate	**9.5%**	

Recreational Regulations

Area	Section	Season	Daily Limit	Adult Bag Limit	2-Pole	2-Pole Upper Extent	Natural CHK Retention	Natural Coho Retention
Marine Area 2.1	Control Zone Open	Date? - July 31	Same as Marine Area 2 - Daily limit 2. Only 1 may be a CHK. Release wild Coho.					
		Aug. 1 - Jan. 31	6	1	Yes	-	0	**1**
Willapa River	mouth upstream to Hwy 6 Bridge below Trap Crk	Aug. 1 - Jan. 31	6	1	Yes	2nd Bridge on Camp One Rd.	0	**1**
	Hwy 6 upstream to Fork Creek	Aug. 16 - Jan. 31	6	1	Yes		0	**1**
	Fork Creek to Hwy 6 Br (near Lebam)	Oct. 31 - Jan. 31	6	1	No	-	0	**1**
SF Willapa River	mouth to bridge on Pehl Rd	Aug. 1 Jan. 31	6	1	No	-	0	**1**
Fork Creek	Fork Crk Hatchery rack upstream 500' at the fishing boundary sign	Oct. 1 - Jan. 31	6	1	No	-	0	**1**
North River	mouth upstream to Fall River	Oct. 1 - Jan. 31	6	1	No	-	0	**1**
Smith Creek	mouth to Hwy 101 Bridge	Oct. 1 - Dec. 31	6	1	No		0	**1**
North Nemah River	Hwy 101 Br. to Nemah Valley Rd. Br.	Aug. 1 - Jan. 31	6	1	No	-	0	**1**
	Nemah Valley Rd. Br. Upstream to Hancock Property Lin	Closed to salmon fishing						
	Hancock Property Line upstream to temporary weir	Aug. 1 - Sept 15, Seniors Only*	6	1	No	-	0	**1**
	temporary weir upstream to Nemah Hat. Dam	Closed to ALL fishing						
	Nemah Hatchery dam upstream to N700 Rd	Oct. 1 - Jan. 31	6	1	No	-	0	**1**
Middle Nemah River	mouth to bridge on Middle Nemah A-line Rd	Sept. 1 - Jan. 31	6	1	No	-	0	**1**
South Nemah River	mouth to confluence with Middle Nemah R.	Sept. 1 - Jan. 31	6	1	No	-	0	**1**
Palix River	Hwy 101 to mouth of Middle Fork	Closed to salmon fishing						
Niawiakum River	Hwy 101 Br. To the S. Bend/Palix Rd Br	Closed to salmon fishing						
Naselle River	mouth (Hwy 101) upstream to South Fork Naselle River	Aug. 1 - Jan. 31	6	1	Yes		0	**1**
	from South Fork Naselle River upstream to attraction channel	Aug. 16 - Jan 31	6	1	No	-	0	**1**
	Attraction channel upstream to Crown Mainline Brdg	Oct 16 - Jan. 31	6	1	No	-	0	**1**
Bear River	mouth upstream to Lime Quarry Rd	Sept. 1 - Jan. 31	6	1	No	-	0	**1**

* Seniors defined as 70 years old and over