

2021 WILLAPA BAY FISHERY SUMMARY

DRAFT - Model C

CHINOOK

	Total Hatchery	Willapa North	Nemah Palix	Naselle Bear	Total Natural	Willapa North	Nemah Palix	Naselle Bear
2021 Pre-Season Runsize	30,470	1,804	16,284	12,382	3,924	2,981	193	750

HATCHERY

NATURAL

	Total Hatchery	WB Origin	Willapa North	Nemah Palix	Naselle Bear	Total Natural	WB Origin	Willapa North	Nemah Palix	Naselle Bear
Commercial Catch	2,939	2,939	220	38	2,681	1	1	1	0	0
Commercial Harvest Rate (HR)		0.096	0.122	0.002	0.217	0.056	0.039	0.002	0.137	
Recreational Marine Catch		853	279	2	572	74	69	0	6	
Marine HR		0.028	0.155	0.000	0.046	0.019	0.023	0.000	0.008	
Recreational Freshwater Catch		4,021	147	3,071	802	82	54	12	16	
FW HR		0.132	0.081	0.189	0.065	0.021	0.018	0.061	0.021	
Expected Escapement		22,657	1,158	13,172	8,326	3,547	2,741	181	625	
Total Exploitation Rate		0.256	0.358	0.191	0.328	0.096	0.081	0.063	0.167	

Chinook Hatchery Escapement Goal = 6,173

Chinook Natural Escapement Goal = 4,353

COHO

	Total Hatchery	Willapa North	Nemah Palix	Naselle Bear	Total Natural	Willapa North	Nemah Palix	Naselle Bear
2021 Pre-Season Runsize	49,932	8,114	0	41,818	17,550	11,672	3,005	2,873

Post Ocean Fisheries

HATCHERY

NATURAL

	Total Hatchery	Willapa North	Nemah Palix	Naselle Bear	Total Natural	Willapa North	Nemah Palix	Naselle Bear	
Commercial Catch	8,454	1,301	0	7,153	2,650	1,612	318	719	
Commercial Harvest Rate (HR)		0.169	0.160	0.000	0.171	0.151	0.138	0.106	0.250
Recreational Marine Catch	1,008	148	0	860	326	173	117	36	
Marine HR		0.020	0.018	0.000	0.021	0.019	0.015	0.039	0.013
Recreational Freshwater Catch	4,088	355	0	3732	83	52	1	30	
FW HR		0.082	0.044	0.000	0.089	0.023	0.004	0.000	0.010
Expected Escapement		36,382				14,492			
Total Exploitation Rate		27.1%				17.4%			

Coho Hatchery Escapement Goal 2,500

Coho Natural Escapement Goal = 13,600

TOTAL CHUM

2021 Pre-Season Runsize	39,077
Commercial Catch	3,143
Commercial Harvest Rate (HR)	0.080

Recreational Marine Catch	9	Recreational Retention allowed
Marine HR	0.000	
Recreational Freshwater Catch	84	Recreational Retention allowed
FW HR	0.002	
Expected Escapement	35,842	Escapement Goal = 35,400
Total Exploitation Rate	8.3%	

Total Commercial Days Scheduled

2021 Dates	Stat Week	2T	2U	2N	2R	2M		
Aug 1 - 7	32	0	0	0	0	0	12 hr openings, CHK MSF and Chum Retention allowed, Tangle Net Only	
Aug 8 - 14	33	0	0	0	0	0		
Aug 15 - 21	34	0	0	0	0	0		
Aug 22 - 28	35	0	0	2	0	1		
Aug 29 - Sept 4	36	0	0	2	0	1		
Sept 5 - 11	37	0	0	2	0	1		
Sept 12 - 18	38	1	1	3	0	1	12 hr openings, CHK MSF & Chum Retention allowed, Gillnet small mesh gear.	
Sept 19 - 25	39	3	3	3	0	2		
Sept 26 - Oct 2	40	3	3	3	1	3		
Oct 3 - 9	41	0	0	0	0	0		
Oct 10 - 16	42	3	3	2	2	2		
Oct 17 - 23	43	0	0	0	0	0		Closed
Oct 24 - 30	44	0	0	0	0	0		
Oct 31 - Nov 6	45	2	2	3	1	1		
Nov 7 - 13	46	1	1	2	1	1	12 hr openings, CHK MSF & Chum Retention allowed, Gillnet small mesh gear.	
Nov 14 - 20	47	0	0	0	0	0		
Nov 21 - 27	48	0	0	0	0	0		
Nov 28 - 30	49	0	0	0	0	0		
Total	13	13	22	5	13			

Recreational Regulations

Area	Section	Season	Daily Limit	Adult daily Limit	2-Pole Upper Extent	Natural CHK Retention	Natural Coho Retention	
Marine Area 2.1	Control Zone Open	June 20 - July 31	Same as Marine Area 2 when open for salmon					
		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
	Mouth of Fork Creek to Hwy 6 Br (near Lebam)	Oct. 1 - Jan. 31	6	2	No	-	0	0
SF Willapa River	mouth to bridge on Pehl Rd	Aug. 1 - Sept 30	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	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 - 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	Closed to salmon fishing						
Middle Nemah River	mouth to bridge on Middle Nemah A-line Rd	Sept. 1 - Sept 30	6	2	No	-	0	0
South Nemah River	mouth to confluence with Middle Nemah R.	Sept. 1 - Sept 30	6	2	No	-	0	0
Palix River	Hwy 101 to mouth of Middle Fork	Closed to salmon fishing						
Niawikum 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	South Fork	0	0
	from South Fork Naselle River upstream to Hwy 4	Aug. 1 - Jan 31	6	2	No	-	0	0
	Hwy 4 to 300' below hatchery attraction channel	Oct 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	Closed to salmon fishing						

* Seniors defined as 70 years old and over