

2021 WILLAPA BAY FISHERY SUMMARY

DRAFT - Model D

CHINOOK

		Willapa North			Nemah Palix			Naselle Bear			
		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		3,338	3,338	303	41	2,995	0	0	0	0	0
Commercial Impacts							279	235	129	0	105
Commercial Harvest Rate (HR)			0.110	0.168	0.003	0.242	0.060	0.043	0.002	0.140	
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		22,257	1,075	13,170	8,013	3,533	2,729	181	623		
Total Exploitation Rate		0.270	0.404	0.191	0.353	0.100	0.085	0.063	0.169		
Chinook Hatchery Escapement Goal = 6,173						Chinook Natural Escapement Goal = 4,353					

COHO

		Willapa North			Nemah Palix			Naselle Bear			
		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		
		HATCHERY				NATURAL					
		Total Hatchery	Willapa North	Nemah Palix	Naselle Bear	Total Natural	Willapa North	Nemah Palix	Naselle Bear		
Commercial Catch		7,907	1,431	0	6,476	2,433	1,493	278	662		
Commercial Harvest Rate (HR)		0.158	0.176	0.000	0.155	0.139	0.128	0.092	0.230		
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	3,732	83	52	1	30		
FW HR		0.082	0.044	0.000	0.089	0.023	0.004	0.000	0.010		
Expected Escapement		36,929				14,708					
Total Exploitation Rate		26.0%				16.2%					
Coho Hatchery Escapement Goal 2,500						Coho Natural Escapement Goal = 13,600					

TOTAL CHUM

2021 Pre-Season Runsize		39,077	
Commercial Catch		2,571	
Commercial Harvest Rate (HR)		0.066	
Recreational Marine Catch		9	Recreational Retention allowed
Marine HR		0.000	
Recreational Freshwater Catch		85	Recreational Retention allowed
FW HR		0.002	
Expected Escapement		36,412	Escapement Goal = 35,400
Total Exploitation Rate		6.8%	

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 & Chum Retention allowed, Tangle Net Only
Aug 8 - 14	33	0	0	0	0	0	
Aug 15 - 21	34	0	0	1	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	1	0	1	
Sept 12 - 18	38	2	2	3	0	1	12 hr openings, CHK MSF & Chum Retention allowed, Gillnet small mesh gear.
Sept 19 - 25	39	4	3	4	0	2	
Sept 26 - Oct 2	40	3	2	3	0	1	
Oct 3 - 9	41	0	1	2	2	0	
Oct 10 - 16	42	2	2	2	2	2	
Oct 17 - 23	43	0	0	0	0	0	
Oct 24 - 30	44	0	0	0	0	0	
Oct 31 - Nov 6	45	1	1	0	0	1	
Nov. 7 -13	46	0	1	0	0	0	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		12	12	20	4	10	

Recreational Regulations

Area	Section	Season	Daily Limit	Adult daily Limit	2-Pole	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						
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	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
Bear River	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