



## 2021 WILLAPA BAY FISHERY SUMMARY

**DRAFT - Model B**

CHINOOK									
2021 Pre-Season Runsize	Total Hatchery	Willapa North	Nemah Palix	Naselle Bear	Total Natural	Willapa North	Nemah Palix	Naselle Bear	
	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
3,308	3,308	306	41	2,961	1	1	0	0	0
Commercial Catch					275	231	125	0	106
Commercial Harvest Rate (HR)	0.109	0.170	0.002	0.239	0.059	0.042	0.002	0.141	
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	22,288	1,072	13,170	8,046	3,536	2,733	181	622	
Total Exploitation Rate	0.269	0.406	0.191	0.350	0.099	0.083	0.063	0.170	

Chinook Hatchery Escapement Goal = 6,173      Chinook Natural Escapement Goal = 4,353

COHO									
2021 Pre-Season Runsize	Total Hatchery	Willapa North	Nemah Palix	Naselle Bear	Total Natural	Willapa North	Nemah Palix	Naselle Bear	
	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		
8,230	1,494	0	6,736	2,458	1,502	289	667		
Commercial Catch				0.140	0.129	0.096	0.232		
Commercial Harvest Rate (HR)	0.165	0.184	0.000	0.161					
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	36,606				14,683				
Total Exploitation Rate	26.7%				16.3%				

Coho Hatchery Escapement Goal 2,500      Coho Natural Escapement Goal = 13,600

TOTAL CHUM	
2021 Pre-Season Runsize	39,077
Commercial Catch	2,548
Commercial Harvest Rate (HR)	0.065
Recreational Marine Catch	9
Marine HR	0.000
Recreational Freshwater Catch	85
FW HR	0.002
Expected Escapement	36,435
Total Exploitation Rate	6.8%

Escapement Goal = 35,400

Total Commercial Days Scheduled						
2021 Dates	Stat Week	2T	2U	2N	2R	2M
Aug 1 - 7	32	0	0	0	0	0
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	2	0	1
Sept 19 - 25	39	4	4	2	0	2
Sept 26 - Oct 2	40	3	3	0	0	2
Oct 3 - 9	41	0	0	0	0	0
Oct 10 - 16	42	2	0	2	0	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	2	0	0	1
Nov 7 - 13	46	0	1	0	0	0
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
<b>Total</b>		<b>12</b>	<b>12</b>	<b>12</b>	<b>0</b>	<b>11</b>

12 hr openings, CHK MSF and Chum Retention allowed, Tangle Net Only  
12 hr openings, CHK MSF & Chum Retention allowed. Gillnet small mesh gear.  
Closed  
12 hr openings, CHK MSF & Chum Retention allowed. Gillnet small mesh gear.

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	
SF Willapa River	Mouth of Fork Creek to Hwy 6 Br (near Lebam)	Oct. 1 - Jan. 31	6	2	No	-	0	0	
	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	
	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