

2024 WILLAPA BAY FISHERY SUMMARY - DRAFT

Model G

CHINOOK								
Total Hatchery	Willapa North	Nemah Palix	Naselle Bear	Total Natural	Willapa North	Nemah Palix	Naselle Bear	
2024 Pre-Season Runsize	27,327	2,800	11,090	13,437	3,519	1,964	167	1,368

HATCHERY					
Total Hatchery	WB Origin	Willapa North	Nemah Palix	Naselle Bear	
Commercial Catch	2,355	2,355	357	726	1,272
Commercial Harvest Rate (HR)		0.086	0.128	0.065	0.095

NATURAL					
Total Natural	WB Origin	Willapa North	Nemah Palix	Naselle Bear	
0	0	0	0	0	0
360	307	199	9	99	
	0.087	0.101	0.050	0.073	

Recreational Marine Impacts	635	206	88	341
Marine HR	0.023	0.073	0.008	0.025
Recreational Freshwater Impacts	3,814	287	2,772	755
FW HR	0.140	0.103	0.250	0.056
Expected Escapement	20,523	1,950	7,504	11,069
Total Expected Impact Rate	0.249	0.304	0.323	0.176

56	43	1	12
0.016	0.022	0.003	0.009
78	34	10	35
0.022	0.017	0.053	0.025
3,078	1,688	167	1,222
0.125	0.140	0.105	0.107

WB Chinook Natural Escapement Goal = 4,353

COHO								
Total Hatchery	Willapa North	Nemah Palix	Naselle Bear	Total Natural	Willapa North	Nemah Palix	Naselle Bear	
2024 Pre-Season Runsize	64,907	18,898	0	46,009	26,126	17,831	3,854	4,444

Post Ocean Fisheries

HATCHERY				
Total Hatchery	Willapa North	Nemah Palix	Naselle Bear	
Commercial Catch	27,474	8,223	0	19,251
Commercial Harvest Rate (HR)	0.423	0.435	0.000	0.418

NATURAL			
Total Natural	Willapa North	Nemah Palix	Naselle Bear
8,988	5,358	1,211	2,418
0.344	0.300	0.314	0.544

Recreational Marine Catch	778	377	0	401
Marine HR	0.012	0.020	0.000	0.009
Recreational Freshwater Catch	5,363	1,124	0	4,240
FW HR	0.083	0.059	0.000	0.092

243	193	35	15
0.009	0.011	0.009	0.003
157	110	8	39
0.015	0.006	0.002	0.009

Expected Escapement	31,292			
Total Exploitation Rate	51.8%			

16,739			
35.9%			

WB Coho Natural Escapement Goal = 13,600

TOTAL CHUM

2024 Pre-Season Runsize	80,390
Commercial Catch	30,842
Commercial Harvest Rate (HR)	0.384
Recreational Marine Catch	12
Marine HR	0.000
Recreational Freshwater Catch	97
FW HR	0.001
Expected Escapement	49,439
Total Exploitation Rate	38.5%

WB Escapement Goal = 35,400

Total Commercial Days Scheduled							
2024 Dates	Stat Week	2T	2U	2N	2R	2M	
Aug 4 - 10	32	0	0	0	0	0	Closed
Aug 11 - 17	33	0	0	0	0	0	
Aug 18 - 24	34	0	0	0	0	0	
Aug 25 - 31	35	0	0	0	0	0	
Sept 1 - 7	36	0	0	0	0	0	
Sept 8 - 14	37	2	2	3	3	2	12 hr openings, CHK MSF and Chum Retention allowed. Tangle Net Only, 2U Tangle net thru wk 40
Sept 15 - 21	38	4	3	4	4	4	
Sept 22 - 28	39	4	3	5	5	5	
Sept 29 - Oct 5	40	4	2	5	5	5	12 hr openings, CHK MSF & Chum Retention allowed. Gillnet small mesh gear.
Oct 6 - 12	41	2	1	2	2	2	
Oct 13 - 19	42	2	2	2	2	2	
Oct 20 - 26	43	3	2	3	3	2	
Oct 27 - Nov 2	44	1	0	1	1	0	
Nov 3 - 9	45	2	0	1	1	1	12 hr openings, CHK MSF & Chum Retention allowed. Gillnet small mesh gear.
Nov 10 - 16	46	2	0	2	2	2	
Nov 17 - 23	47	2	2	2	2	2	
Nov 24 - 30	48	2	2	2	2	2	
0	49	0	0	0	0	0	Closed
Total	30	30	19	32	32	29	

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	NA	TBD- July 31	Same as Marine Area 2 when open for salmon					
	Control Zone OPEN Aug & Sept		Aug. 1 - Jan. 31	6	2	Yes	-	0
Willapa River	mouth upstream to Hwy 6 Bridge below Trap Crk	Aug. 1 - Jan. 31	6	3	Yes	2nd Bridge on Camp One Rd.	0	0
	Hwy 6 upstream to Fork Creek	Aug. 16 - Jan. 31	6	3	Yes	-	0	0
	Mouth of Fork Creek to Hwy 6 Br (near Lebam)	Oct. 1 - Jan. 31	6	3	No	-	0	0
SF Willapa River	mouth to bridge on Pehl Rd Bridge	Aug. 1 - Jan 31	6	3	No	-	0	0
Fork Creek	Fork Crk Hatchery rack upstream 500' at the fishing boundary sign	Closed to ALL fishing						
North River	mouth upstream to Fall River	Oct 1 - Jan 31	6	2	No	-	0	1
Smith Creek	mouth to Hwy 101 Bridge	Oct 1 - Dec 31	6	2	No	-	0	1
North Nemah River	Hwy 101 Br. to Nemah Valley Rd. Br.	Aug. 1 - Jan 31	6	2	No	-	0	1
	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	1
	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	1
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 Bridge to mouth of Middle Fork	Sept 1 - Jan 31	6	2	No	-	0	0
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	3	Yes	South Fork	0	0
	from South Fork Naselle River upstream to Hwy 4	Aug. 1 - Jan 31	6	3	No	-	0	0
	Hwy 4 to 300' below hatchery attraction channel	Oct 16 - Jan. 31	6	3	No	-	0	0
	Attraction channel upstream to Crown Mainline Bridge	Oct 16 - Jan. 31	6	3	No	-	0	0
Bear River	Mouth upstream to Lime Quarry Rd	Sept 1 - Jan 31	6	2	No	-	0	1

* Seniors defined as 70 years old and over

Blue = changes from last year's fishery represented in this model run