

2024 WILLAPA BAY FISHERY SUMMARY - DRAFT

Model B

CHINOOK							
Total Hatchery	Willapa North	Nemah Palix	Naselle Bear	Total Natural	Willapa North	Nemah Palix	Naselle Bear
27,327	2,800	11,090	13,437	3,519	1,964	187	1,368

HATCHERY				
Total Hatchery	WB Origin	Willapa North	Nemah Palix	Naselle Bear
5,085	5,085	430	1,863	2,791
Commercial Catch				
Commercial Impacts				
Commercial Harvest Rate (HR)	0.186	0.154	0.168	0.208

NATURAL				
Total	WB Origin	Willapa North	Nemah Palix	Naselle Bear
0	0	0	0	0
554	465	235	23	208
	0.132	0.120	0.121	0.152

Recreational Marine Impacts	635	206	88	341
Marine HR	0.023	0.073	0.008	0.025
Recreational Freshwater Impacts	3,052	285	2,143	623
FW HR	0.112	0.102	0.193	0.046
Expected Escapement	18,555	1,879	6,995	9,681
Total Expected Impact Rate	0.321	0.329	0.369	0.280

	56	43	1	12
	0.016	0.022	0.003	0.009
	78	34	10	35
	0.022	0.017	0.053	0.025
	2,920	1,652	154	1,114
	0.170	0.159	0.177	0.186

WB Chinook Natural Escapement Goal = 4,353

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

HATCHERY				
Total Hatchery	Willapa North	Nemah Palix	Naselle Bear	
31,161	8,756	0	22,405	
Commercial Catch				
Commercial Harvest Rate (HR)	0.480	0.463	0.000	0.487

NATURAL				
Total	Willapa North	Nemah Palix	Naselle Bear	
10,464	6,237	1,400	2,828	
	0.401	0.350	0.363	0.636

Recreational Marine Catch	778	377	0	401
Marine HR	0.012	0.020	0.000	0.009
Recreational Freshwater Catch	4,278	931	0	3347
FW HR	0.066	0.049	0.000	0.073

	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	28,690			
Total Exploitation Rate	55.8%			

	15,262			
	41.6%			

WB Coho Natural Escapement Goal = 13,600

TOTAL CHUM	
2024 Pre-Season Runsize	80,390
Commercial Catch	31,582
Commercial Harvest Rate (HR)	0.393

Recreational Marine Catch	12
Marine HR	0.000

Total Commercial Days Scheduled						
2024 Dates	Stat Week	2T	2U	2N	2R	2M
Aug 4 - 10	32	0	0	0	0	0
Aug 11 - 17	33	0	0	2	2	1
Aug 18 - 24	34	0	0	2	2	1
Aug 25 - 31	35	0	0	1	1	1
Sept 1 - 7	36	0	0	0	0	0
Sept 8 - 14	37	2	2	3	3	2
Sept 15 - 21	38	6	3	6	4	6
Sept 22 - 28	39	6	3	6	5	6
Sept 29 - Oct 5	40	5	2	5	5	5
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	1	1	1	1
Nov 10 - 16	46	2	1	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
	Total	35	21	40	37	35

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	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 Bridge	Aug. 1 - Jan 31	6	2	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	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	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