



## 2024 WILLAPA BAY FISHERY SUMMARY - DRAFT

### Model A - NALF - New Abundances, Last year's Fisheries

CHINOOK										
Total Hatchery	Willapa North			Nemah Palix		Naselle Bear	Total Natural	Willapa North		
2024 Pre-Season Runsize	27,327	2,800	11,090	13,437		3,519	1,964	187	1,368	

HATCHERY					NATURAL					
Total Hatchery	WB Origin	Willapa North	Nemah Palix	Naselle Bear	Total Natural	WB Origin	Willapa North	Nemah Palix	Naselle Bear	
Commercial Catch	3,808	3,808	398	1,337	2,073	0	0	0	0	0
Commercial Impacts						491	417	229	18	170
Commercial Harvest Rate (HR)		0.139	0.142	0.121	0.154		0.119	0.117	0.096	0.124

Recreational Marine Impacts		635	206	88	341		56	43	1	12
Marine HR		0.023	0.073	0.008	0.025		0.016	0.022	0.003	0.009
Recreational Freshwater Impacts		3,052	285	2,143	623		78	34	10	35
FW HR		0.112	0.102	0.193	0.046		0.022	0.017	0.053	0.025
Expected Escapement		19,832	1,911	7,522	10,399		2,968	1,658	159	1,151
Total Expected Impact Rate		0.274	0.317	0.322	0.226		0.157	0.156	0.152	0.158

WB Chinook Natural Escapement Goal = 4,353

COHO										
Total Hatchery	Willapa North	Nemah Palix	Naselle Bear	Total Natural	Willapa North	Nemah Palix	Naselle Bear	Total Natural	Willapa North	Nemah Palix
2024 Pre-Season Runsize	64,388	18,747	0	45,641	26,004	17,748	3,836	4,423		

Post Ocean Fisheries

HATCHERY					NATURAL				
Total Hatchery	Willapa North	Nemah Palix	Naselle Bear	Total Natural	Willapa North	Nemah Palix	Naselle Bear		
Commercial Catch	30,730	8,538	0	22,192	10,360	6,538	1,318	2,504	
Commercial Harvest Rate (HR)	0.477	0.455	0.000	0.486	0.398	0.368	0.344	0.566	

Recreational Marine Catch	771	374	0	397	242	192	35	15
Marine HR	0.012	0.020	0.000	0.009	0.009	0.011	0.009	0.003
Recreational Freshwater Catch	4,244	924	0	3320	890	538	8	344
FW HR	0.066	0.049	0.000	0.073	0.044	0.030	0.002	0.078
Expected Escapement	28,643				14,512			
Total Exploitation Rate	55.5%				44.2%			

WB Coho Natural Escapement Goal = 13,600

TOTAL CHUM	
2024 Pre-Season Runsize	80,390
Commercial Catch	12,974
Commercial Harvest Rate (HR)	0.161

Recreational Marine Catch	17
Marine HR	0.000
Recreational Freshwater Catch	132
FW HR	0.002
Expected Escapement	67,268
Total Exploitation Rate	16.3%

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
Aug 11 - 17	33	0	0	0	0	0
Aug 18 - 24	34	0	0	1	1	1
Aug 25 - 31	35	0	0	1	1	1
Sept 1 - 7	36	0	0	0	0	0
Sept 8 - 14	37	1	1	3	3	1
Sept 15 - 21	38	4	5	6	4	7
Sept 22 - 28	39	5	5	6	6	7
Sept 29 - Oct 5	40	6	6	6	6	7
Oct 6 - 12	41	5	5	5	5	5
Oct 13 - 19	42	0	0	0	0	0
Oct 20 - 26	43	0	0	0	0	0
Oct 27 - Nov 2	44	1	2	2	1	0
Nov 3 - 9	45	2	2	2	1	1
Nov 10 - 16	46	2	2	1	1	1
Nov 17 - 23	47	2	2	1	1	1
Nov 24 - 30	48	1	1	0	0	1
0	49	0	0	0	0	0
<b>Total</b>		<b>29</b>	<b>31</b>	<b>34</b>	<b>30</b>	<b>33</b>

12 hr openings, CHK MSF and Chum Retention allowed, Tangle Net Only, 2U Tangle net entire season

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.

Closed

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	1	
	Hwy 6 upstream to Fork Creek	Aug. 16 - Jan. 31	6	2	Yes	-	0	1	
	Mouth of Fork Creek to Hwy 6 Br (near Lebam)	Oct. 1 - Jan. 31	6	2	No	-	0	1	
SF Willapa River	mouth to bridge on Pehl Rd Bridge	Aug. 1 - Jan 31	6	2	No	-	0	1	
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	1	
	from South Fork Naselle River upstream to Hwy 4	Aug. 1 - Jan 31	6	2	No	-	0	1	
	Hwy 4 to 300' below hatchery attraction channel	Oct 16 - Jan. 31	6	2	No	-	0	1	
	Attraction channel upstream to Crown Mainline Bridge	Oct 16 - Jan. 31	6	2	No	-	0	1	
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