

2021 WILLAPA BAY FISHERY SUMMARY

DRAFT - Model F

CHINOOK														
		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	3,697	3,697	319	46	3,332	0	0	0	0	0				
Commercial Impacts						327	274	146	0	128				
Commercial Harvest Rate (HR)		0.121	0.177	0.003	0.269		0.070	0.049	0.002	0.170				
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	21,899	1,059	13,165	7,675	3,493	2,712	181	601						
Total Exploitation Rate	0.281	0.413	0.192	0.380	0.110	0.090	0.063	0.199						
					Chinook Hatchery Escapement Goal = 6,173					Chinook Natural Escapement Goal = 4,353				

COHO														
		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	10,052	1,566	0	8,487	3,176	1,860	385	931						
Commercial Harvest Rate (HR)	0.201	0.193	0.000	0.203	0.181	0.159	0.128	0.324						
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	34,784				13,965									
Total Exploitation Rate	30.3%				20.4%									
					Coho Hatchery Escapement Goal = 2,500					Coho Natural Escapement Goal = 13,600				

TOTAL CHUM	
2021 Pre-Season Runsize	39,077
Commercial Catch	2,651
Commercial Harvest Rate (HR)	0.068
Recreational Marine Catch	9
Marine HR	0.000
Recreational Freshwater Catch	85
FW HR	0.002
Expected Escapement	36,332
Total Exploitation Rate	7.0%

Recreational Retention allowed
Recreational Retention allowed
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	2	0	1
Sept 12 - 18	38	2	2	4	0	3
Sept 19 - 25	39	5	3	4	0	3
Sept 26 - Oct 2	40	4	2	4	1	1
Oct 3 - 9	41	1	2	2	2	1
Oct 10 - 16	42	3	2	3	2	1
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	1	1	0	0	0
Nov. 14 - 20	47	0	1	0	0	0
Nov. 21 - 27	48	0	1	0	0	0
Nov. 28 - 30	49	0	0	0	0	0
Total	17	15	24	5	13	

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		
	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		
	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