

2020 Willapa Bay CHINOOK Landed Catch

MSF

Preliminary Draft

Stat Week	Dates	Catch Areas																				Basin Total Landed	Basin Willapa Origin NOR Landed	Basin Willapa Origin HOR Landed
		2T				2U				2N				2R				2M						
		Total Landed	UM %	Landed NOR	Landed HOR	Total Landed	UM %	Landed NOR	Landed HOR	Total Landed	UM %	Landed NOR	Landed HOR	Total Landed	UM %	Landed NOR	Landed HOR	Total Landed	UM %	Landed NOR	Landed HOR			
36	Aug. 30 -Sept. 5	Closed																				0	0	0
37	Sept. 6 - 12	0	N/A	0	262	N/A	262	49	N/A	49	Closed				Closed				311	0	311			
38	Sept. 13 - 19	80	N/A	80	Closed				17	N/A	17	Closed				Closed				97	0	97		
39	Sept. 20-26	17	N/A	17	38	N/A	38	0	N/A	0	Closed				74	N/A	74	129	0	129				
40	Sept. 27 - Oct. 3		N/A	0		N/A	0		N/A	0	Closed					N/A	0	0	0	0				
41	Oct. 4 - 10		N/A	0		N/A	0		N/A	0	Closed					N/A	0	0	0	0				
42	Oct. 11-17	Closed				N/A	0		N/A	0	Closed					N/A	0	0	0	0				
43	Oct. 18 - 24	Closed																				0	0	0
<b>Total Landed</b>		97		0	97	300		0	300	66		0	66	0		0	0	74		0	74	537	0	537

2020 WB Total CHINOOK Fishery Impacts

Actual Catch + impacts

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Stat Weeks	2T		2U		2N		2R		2M		In-season NOR Impacts	In-season HOR Impacts	PRESEASON Total NOR Impacts (Local + Non local)	PRESEASON Total HOR Impacts (Local + Non local)
	NOR Impacts	HOR Impacts												
36														
37			106	279	2	51					108	330	32	579
38	12	80			2	17					14	97	76	646
39	10	19	10	43	0	0			14	74	34	136	32	175
40	0	0	0	0	0	0			0	0	0	0	21	113
41	0	0	0	0	0	0			0	0	0	0	11	57
42			0	0	0	0			0	0	0	0	4	20
43														
<b>Totals</b>	<b>22</b>	<b>99</b>	<b>117</b>	<b>323</b>	<b>3</b>	<b>68</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>74</b>	<b>156</b>	<b>563</b>	<b>176</b>	<b>1,590</b>

2020 WB Total CHINOOK NOR Fishery Impacts Summary

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Stat Weeks	2T		2U		2N		2R		2M		In-season Estimated Natural-Origin Impacts		Preseason Predicted Natural-Origin Impacts		
	In-season Total NOR Impacts	In-season Local NOR Impacts	In-season Total NOR Impacts	In-season Local NOR Impacts	In-season Total NOR Impacts	In-season Local NOR Impacts	In-season Total NOR Impacts	In-season Local NOR Impacts	In-season Total NOR Impacts	In-season Local NOR Impacts	Weekly	Cumulative	Weekly	Cumulative	
	Closed											0	0		
36	Closed											0	0		
37	Emergency Closure 9/11		106	101	2	1	Closed		Closed		102	102	25	25	
38	12	7	Emergency closure 9/14 & 9/17		2	1			Emergency closure 9/14 & 9/17		8	111	64	89	
39	10	6	10	10	0	0			14	13	29	139	26	115	
40	0	0	0	0	0	0			0	0	0	139	18	133	
41	0	0	0	0	0	0			0	0	0	139	8	141	
42	0	0	0	0	0	0			0	0	0	139	3	144	
43	0	0	0	0	0	0			0	0	0	139	0	144	
<b>Totals</b>	<b>22</b>	<b>13</b>	<b>117</b>	<b>111</b>	<b>3</b>	<b>2</b>			<b>0</b>	<b>0</b>	<b>14</b>	<b>13</b>	<b>139</b>	<b>139</b>	<b>144</b>

Tangle Net	13	111	2	13
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2015-2019 Genetic Data by Area updated 09.21.2020

2T	0.592
2U	0.948
2N	0.722
2M	0.933

Stat Week	2T				2U				2N				2R				2M				WB In-season			WB Preseason Predicted		
	Landed Catch	UnMarked %	Estimated NOR	Estimated HOR	Landed Catch	UnMarked %	Estimated NOR	Estimated HOR	Landed Catch	UnMarked %	Estimated NOR	Estimated HOR	Landed Catch	UnMarked %	Estimated NOR	Estimated HOR	Landed Catch	UnMarked %	Estimated NOR	Estimated HOR	NOR	HOR	Total	NOR	HOR	Total
36	Closed																				0	0	0			
37	Closed				1,468	0.121	178	1,290	51	0.060	3	48	Closed				Closed				181	1,338	1,519	114	582	696
38	1,219	0.337	411	808	Closed				160	0.066	11	149	Closed				Closed				421	958	1,379	297	1,433	1,730
39	613	0.435	266	347	1,382	0.395	546	836	0	0.000	0	0	Closed				2,332	0.071	164	2,168	977	3,350	4,327	97	683	780
40							0	0			0	0	Closed								0	0	0	274	1,034	1,308
41							0	0			0	0	Closed								0	0	0	397	452	849
42	Closed												Closed								0	0	0	72	179	251
43	Closed																				0	0	0	0	0	0
<b>Total</b>	1,832		677	1,155	2,850		724	2,126	211		14	197	0		0	0	2,332		164	2,168	1,579	5,646	7,225	1,251	4,363	5,614

2020 Estimated WB Commercial **CHUM** Mortalities

yellow = Chum release required

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Gillnet release mortality + drop off	0.59
Tangle net + drop off	0.34

Stat Week	Landed Chum	Chinook Landed	Coho Landed	Encounter Ratio	Chum Encounters	Stat Weeks	In-season Estimated Chum Impacts		Preseason Predicted Chum Impacts	
							Weekly	Cumulative	Weekly	Cumulative
36	Closed					36	Closed		Closed	
37	0	311	1,519		0	37	0	0	2	2
38	0	97	1,379		0	38	0	0	6	8
39	7	129	4,327		0	39	0	0	7	15
40						40			51	66
41						41			1,010	1,076
42						42			567	1,643
43	Closed					43	Closed		Closed	
<b>Totals</b>	<b>7</b>	<b>537</b>	<b>7,225</b>		<b>0</b>	<b>Totals</b>	<b>0</b>	<b>0</b>	<b>1,643</b>	<b>1,643</b>

NR = Non-Retention