

## 2024 Grays Harbor Fall Salmon Management Summary Table

Model C - NT Comm 2A/D Wk 42 tangle short day, 43 - 45 2,2,3,2; FW 2 fish Chehalis, MSF Humptulips, 1 fish FW end Nov. 30

FRAM Run: 2417

CHEHALIS RIVER BASIN									
	Chinook			Coho			Chum		
	Natural	Hatchery	Total	Natural	Hatchery	Total	Natural	Hatchery	Total
Escapement Goals	10,601	1,851	12,452	64,379	46,213	110,592	54,562	1,543	67,308
	9,753	578	10,331	28,506	1,500	30,006			21,000
Total Available Harvestable	848	1,273	2,121	35,873	44,713	80,586			46,308
Non-treaty Share	424	637	1,061	17,937	22,356	40,293			23,154
<b>Chehalis River Management Objectives</b>									
Proportion of Rec Marine Area 2.2	<27%			<27%					
Commercial Impact Rate in 2A-D Only	< 0.8%								
Total WDFW-managed fishery				=<5%					
<b>Harvest Impacts</b>									
<b>WDFW-managed fishery Harvest</b>	<b>324</b>	<b>261</b>	<b>584</b>	<b>12,994</b>	<b>7,512</b>	<b>20,506</b>			<b>9,216</b>
Marine Area 2.2 Harvest	130	57	187	1,596	1,237	2,833			89
Freshwater Harvest	105	43	148	7,923	5,104	13,027			1,030
Commercial Harvest (Area 2A, 2D)	88	161	249	3,476	1,171	4,647			8,097
Chehalis Tribal Harvest	70	0	70	2,152	1,760	3,912			0
<b>QIN Treaty Harvest</b>	<b>1,978</b>	<b>345</b>	<b>2,324</b>	<b>16,471</b>	<b>10,421</b>	<b>26,892</b>			<b>23,377</b>
<b>Total Chehalis Basin Harvest</b>	<b>2,372</b>	<b>606</b>	<b>2,978</b>	<b>31,617</b>	<b>19,693</b>	<b>51,310</b>			<b>32,593</b>
<b>Expected Escapement</b>	<b>8,229</b>	<b>1,245</b>	<b>9,474</b>	<b>32,762</b>	<b>26,519</b>	<b>59,282</b>			<b>N/A</b>
		871							
<b>Harvest Rates</b>									
<b>WDFW-managed fishery Harvest Rate</b>	<b>3.1%</b>	<b>14.10%</b>	<b>4.69%</b>	<b>20.18%</b>	<b>16.26%</b>	<b>18.54%</b>			<b>13.69%</b>
<b>Total Recreational harvest rate</b>	<b>2.22%</b>	<b>5.39%</b>	<b>2.69%</b>	<b>14.78%</b>	<b>13.72%</b>	<b>14.34%</b>			<b>1.66%</b>
Proportion of Rec Marine Area 2.2	55.41%	56.90%	55.85%	16.76%	19.51%	17.86%			7.99%
Proportion of Rec Freshwater	44.59%	43.10%	44.15%	83.24%	80.49%	82.14%			92.01%
Commercial Impact Rate in 2A-D only	<b>0.78%</b>								
Commercial harvest rate	0.83%	8.70%	2.00%	5.40%	2.53%	4.20%			12.03%
Chehalis Tribal harvest rate	0.66%	0.00%	0.56%	3.34%	3.81%	3.54%			0.00%
<b>QIN Treaty Harvest Rate</b>	<b>18.66%</b>	<b>18.66%</b>	<b>18.66%</b>	<b>25.58%</b>	<b>22.55%</b>	<b>24.32%</b>			<b>34.73%</b>
<b>Total Chehalis Basin Harvest Rate</b>	<b>22.37%</b>	<b>32.76%</b>	<b>23.92%</b>	<b>49.11%</b>	<b>42.61%</b>	<b>46.40%</b>			<b>48.42%</b>

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FRAM Run: 2417

HUMPTULIPS RIVER BASIN									
	Chinook			Coho			Chum		
	Natural	Hatchery	Total	Natural	Hatchery	Total	Natural	Hatchery	Total
Escapement Goal	3,728	3,462	7,190	3,700	9,821	13,521	54,562	1,543	67,308
Total Available Harvestable	3,573	369	3,942	6,894	400	7,294			21,000
Non-treaty Share	155	3,093	3,248	-3,194	9,421	6,227			46,308
	78	1,547	1,624	-1,597	4,710	3,114			23,154
<b>Humptulips River Management Objectives</b>									
Marine Area 2.2 impact rate	37%			18 - 34%					
Commercial impact rate in 2C Only									
Total Impacts				< 5%					
<b>Harvest Impacts</b>									
<b>WDFW-managed fishery Harvest</b>	<b>104</b>	<b>1,029</b>	<b>1,133</b>	<b>118</b>	<b>1,434</b>	<b>1,552</b>			<b>378</b>
Marine Area 2.2 Harvest	10	167	177	12	158	170			0
Freshwater Harvest	82	848	930	80	1,260	1,340			211
Commercial Harvest	12	14	26	26	16	42			166
<b>QIN Treaty Harvest</b>	<b>727</b>	<b>196</b>	<b>923</b>	<b>2,163</b>	<b>2,196</b>	<b>4,359</b>			<b>10,233</b>
<b>Total Humptulips Basin Harvest</b>	<b>831</b>	<b>1,225</b>	<b>2,056</b>	<b>2,282</b>	<b>3,630</b>	<b>5,911</b>			<b>10,611</b>
<b>Expected Escapement</b>	<b>2,897</b>	<b>2,237</b>	<b>5,134</b>	<b>1,419</b>	<b>6,191</b>	<b>7,610</b>			<b>N/A</b>
		1377							
<b>Harvest Rates</b>									
<b>WDFW-managed fishery Harvest Rate</b>	<b>2.80%</b>	<b>29.72%</b>	<b>15.76%</b>	<b>3.20%</b>	<b>14.60%</b>	<b>11.48%</b>			<b>0.56%</b>
<b>Total Recreational harvest rate</b>	<b>2.48%</b>	<b>29.31%</b>	<b>15.40%</b>	<b>2.48%</b>	<b>14.44%</b>	<b>11.17%</b>			<b>0.31%</b>
Proportion of Rec Marine Area 2.2	11.33%	16.45%	16.02%	12.87%	11.17%	11.27%			See above
Proportion of Rec Freshwater	88.67%	83.55%	83.98%	87.13%	88.83%	88.73%			100.00%
Commercial harvest rate in 2C Only	0.25%								
Commercial harvest rate	0.31%	0.41%	0.36%	0.72%	0.16%	0.31%			0.25%
<b>QIN Treaty Harvest Rate</b>	<b>19.49%</b>	<b>5.66%</b>	<b>12.83%</b>	<b>58.46%</b>	<b>22.36%</b>	<b>32.24%</b>			<b>15.20%</b>
<b>Total Harvest Rate</b>	<b>22.29%</b>	<b>35.38%</b>	<b>28.59%</b>	<b>61.66%</b>	<b>36.96%</b>	<b>43.72%</b>			<b>15.76%</b>

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GRAYS HARBOR TOTAL									
	Chinook			Coho			Chum		
	Natural	Hatchery	Total	Natural	Hatchery	Total	Natural	Hatchery	Total
Escapement Goal	14,329	5,313	19,642	68,080	56,034	124,113	54,562	1,543	67,308
Total Available Harvestable	13,326	947	14,273	35,400	1,900	37,300			21,000
Non-treaty Share	1,003	4,366	5,369	32,680	54,134	86,813			46,308
	502	2,183	2,685	16,340	27,067	43,407			23,154
<b>Management Objectives</b>									
Marine Area 2.2 impact rate									< 2% total
Commercial impact rate									
Total Impacts									
<b>Harvest Impacts</b>									
<b>WDFW-managed fishery Harvest</b>	<b>428</b>	<b>1,290</b>	<b>1,718</b>	<b>13,112</b>	<b>8,946</b>	<b>22,058</b>			<b>9,594</b>
Marine Area 2.2 Harvest	141	224	365	1,607	1,395	3,003			89
Freshwater Harvest	187	891	1,078	8,003	6,364	14,367			1,241
Commercial Harvest	100	175	275	3,502	1,186	4,689			8,263
<i>Chehalis Tribe</i>	70	0	70	2,152	1,760	3,912			0
<i>Total NT - Harvest</i>	498	1,290	1,788	15,265	10,705	25,970			9,594
<b>QIN Treaty Harvest</b>	<b>2,705</b>	<b>541</b>	<b>3,246</b>	<b>18,634</b>	<b>12,618</b>	<b>31,251</b>			<b>33,610</b>
<b>Total GH Harvest</b>	<b>3,203</b>	<b>1,831</b>	<b>5,034</b>	<b>33,899</b>	<b>23,323</b>	<b>57,222</b>			<b>43,204</b>
<b>Expected Escapement</b>	<b>11,126</b>	<b>3,482</b>	<b>14,608</b>	<b>34,181</b>	<b>32,711</b>	<b>66,892</b>			<b>24,104</b>
	2,200	2248		1219					-3104
<b>Harvest Rates</b>									
<b>Non-treaty Harvest Rate</b>	<b>2.99%</b>	<b>24.27%</b>	<b>8.74%</b>	<b>19.26%</b>	<b>15.97%</b>	<b>17.77%</b>			<b>14.25%</b>
Proportion of Rec Marine Area 2.2									<b>6.73%</b>
Marine Area 2.2 harvest rate	0.98%	4.21%	1.86%	2.36%	2.49%	2.42%			0.13%
Freshwater harvest rate	1.31%	16.77%	5.49%	11.76%	11.36%	11.58%			1.84%
Commercial harvest rate	0.70%	3.30%	1.40%	5.14%	2.12%	3.78%			12.28%
<b>QIN Treaty Harvest Rate</b>	<b>18.88%</b>	<b>10.19%</b>	<b>16.53%</b>	<b>27.37%</b>	<b>22.52%</b>	<b>25.18%</b>			<b>49.93%</b>
<b>Total GH Harvest Rate</b>	<b>22.35%</b>	<b>34.47%</b>	<b>25.63%</b>	<b>49.79%</b>	<b>41.62%</b>	<b>46.10%</b>			<b>64.19%</b>

16%	70%	36%	45%	46%	45%	22%
84%	30%	64%	55%	54%	55%	78%
100%	100%	100%	100%	100%	100%	100%

total natural spawner **13,374**  
48

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