

2024 Grays Harbor Fall Salmon Management Summary Table

Model A1v - NT Comm 2A/D Wk 40 tangle short day, 43 - 45 2,2,2,2; FW 2 fish Chehalis, MSF Humpotlips, 1 fish FW

FRAM Run: 2425

CHEHALIS RIVER BASIN									
	Chinook			Coho			Chum		
	Natural	Hatchery	Total	Natural	Hatchery	Total	Natural	Hatchery	Total
Escapement Goals	10,601	1,851	12,452	64,793	46,923	111,716	54,562	1,543	67,308
Total Available Harvestable	9,753	578	10,331	28,506	1,500	30,006			21,000
Non-treaty Share	848	1,273	2,121	36,287	45,423	81,710			46,308
	424	637	1,061	18,144	22,711	40,855			23,154
Chehalis River Management Objectives									
Proportion of Rec Marine Area 2.2	<27%			<27%					
Commercial Impact Rate in 2A-D Only	< 0.8%								
Total WDFW-managed fishery				=<5%					
Harvest Impacts									
WDFW-managed fishery Harvest	341	138	479	13,346	8,624	21,971			7,103
Marine Area 2.2 Harvest	130	57	187	1,606	1,256	2,862			89
Freshwater Harvest	105	44	149	8,603	5,978	14,581			1,057
Commercial Harvest (Area 2A, 2D)	106	37	143	3,137	1,390	4,527			5,957
Chehalis Tribal Harvest	70	0	70	2,177	1,787	3,965			0
QIN Treaty Harvest	1,978	345	2,324	16,471	10,421	26,892			23,377
Total Chehalis Basin Harvest	2,390	483	2,873	31,994	20,833	52,828			30,480
Expected Escapement	8,211	1,368	9,579	32,799	26,089	58,889			N/A
		922			2833				
Harvest Rates									
WDFW-managed fishery Harvest Rate	3.2%	7.44%	3.85%	20.60%	18.38%	19.67%			10.55%
Total Recreational harvest rate	2.22%	5.43%	2.70%	15.76%	15.42%	15.61%			1.70%
Proportion of Rec Marine Area 2.2	55.39%	56.52%	55.73%	15.73%	17.36%	16.41%			7.80%
Proportion of Rec Freshwater	44.61%	43.48%	44.27%	84.27%	82.64%	83.59%			92.20%
Commercial Impact Rate in 2A-D only	0.9%								
Commercial harvest rate	1.00%	2.02%	1.15%	4.84%	2.96%	4.05%			8.85%
Chehalis Tribal harvest rate	0.66%	0.00%	0.56%	3.36%	3.81%	3.55%			0.00%
QIN Treaty Harvest Rate	18.66%	18.66%	18.66%	25.42%	22.21%	24.07%			34.73%
Total Chehalis Basin Harvest Rate	22.54%	26.10%	23.07%	49.38%	44.40%	47.29%			45.28%

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HUMPTULIPS RIVER BASIN									
	Chinook			Coho			Chum		
	Natural	Hatchery	Total	Natural	Hatchery	Total	Natural	Hatchery	Total
Escapement Goal	3,728	3,462	7,190	3,724	9,977	13,701	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	-3,170	9,577	6,407			46,308
	78	1,547	1,624	-1,585	4,788	3,203			23,154
Humptulips River Management Objectives									
Marine Area 2.2 impact rate	37%			18 - 34%					
Commercial impact rate in 2C Only									
Total Impacts				< 5%					
Harvest Impacts									
WDFW-managed fishery Harvest	107	826	933	119	1,607	1,726			397
Marine Area 2.2 Harvest	10	167	177	12	161	173			0
Freshwater Harvest	83	641	724	81	1,429	1,510			231
Commercial Harvest	14	18	32	26	17	43			166
QIN Treaty Harvest	727	196	923	2,163	2,196	4,359			10,233
Total Humptulips Basin Harvest	834	1,022	1,856	2,282	3,803	6,085			10,631
Expected Escapement	2,894	2,440	5,334	1,442	6,173	7,615			N/A
		1400			578				
Harvest Rates									
WDFW-managed fishery Harvest Rate	2.88%	23.86%	12.98%	3.19%	16.11%	12.60%			0.59%
Total Recreational harvest rate	2.51%	23.34%	12.54%	2.49%	15.94%	12.28%			0.34%
Proportion of Rec Marine Area 2.2	11.23%	20.66%	19.68%	12.84%	10.12%	10.27%			See above
Proportion of Rec Freshwater	88.77%	79.34%	80.32%	87.16%	89.88%	89.73%			100.00%
Commercial harvest rate in 2C Only	0.25%								
Commercial harvest rate	0.37%	0.52%	0.44%	0.70%	0.17%	0.31%			0.25%
QIN Treaty Harvest Rate	19.49%	5.66%	12.83%	58.08%	22.01%	31.82%			15.20%
Total Harvest Rate	22.37%	29.53%	25.82%	61.28%	38.12%	44.42%			15.79%

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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	68,518	56,899	125,417	54,562	1,543	67,308
	13,326	947	14,273	35,400	1,900	37,300			21,000
Total Available Harvestable	1,003	4,366	5,369	33,118	54,999	88,117			46,308
Non-treaty Share	502	2,183	2,685	16,559	27,500	44,058			23,154
Management Objectives									
Marine Area 2.2 impact rate	< 2% total								
Commercial impact rate									
Total Impacts									
Harvest Impacts									
WDFW-managed fishery Harvest	449	964	1,413	13,465	10,232	23,697			7,501
Marine Area 2.2 Harvest	141	224	365	1,618	1,417	3,035			89
Freshwater Harvest	188	685	873	8,684	7,407	16,092			1,288
Commercial Harvest	120	55	175	3,163	1,407	4,571			6,123
<i>Chehalis Tribe</i>	70	0	70	2,177	1,787	3,965			0
<i>Total NT - Harvest</i>	519	964	1,483	15,642	12,019	27,662			7,501
QIN Treaty Harvest	2,705	541	3,246	18,634	12,618	31,251			33,610
Total GH Harvest	3,224	1,505	4,729	34,276	24,637	58,913			41,111
Expected Escapement	11,105	3,808	14,913	34,241	32,263	66,504			26,197
	2,221	2322		1159	3412				-5197
Harvest Rates									
Non-treaty Harvest Rate	3.13%	18.14%	7.19%	19.65%	17.98%	18.89%			11.14%
Proportion of Rec Marine Area 2.2									6.49%
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%	12.89%	4.44%	12.67%	13.02%	12.83%			1.91%
Commercial harvest rate	0.84%	1.04%	0.89%	4.62%	2.47%	3.64%			9.10%
QIN Treaty Harvest Rate	18.88%	10.19%	16.53%	27.20%	22.18%	24.92%			49.93%
Total GH Harvest Rate	22.50%	28.33%	24.08%	50.03%	43.30%	46.97%			61.08%

16%	64%	31%	46%	49%	47%	18%
84%	36%	69%	54%	51%	53%	82%
100%	100%	100%	100%	100%	100%	100%

total natural spawner **13,428** -1159 **37,653**