

## 2020 Season Results Chehalis, Humptulips and Grays Harbor

CHEHALIS RIVER BASIN						
	Chinook			Coho		
	Natural	Hatchery	Total	Natural	Hatchery	Total
Escapement Goals	10,852	1,862	12,714	40,123	21,555	61,678
	9,753	578	10,331	28,506	1,500	30,006
Total Available Harvestable	1,099	1,284	2,383	11,617	20,055	31,672
Non-treaty Share	550	642	1,192	5,809	10,028	15,836
<b>Chehalis River Management Objectives</b>						
Proportion of Rec Marine Area 2.2	27%			35%		
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>254</b>	<b>71</b>	<b>325</b>	<b>4,657</b>	<b>2,467</b>	<b>7,124</b>
Marine Area 2.2 Harvest	76	19	95	580	306	886
Freshwater Harvest	161	43	204	3,450	1,824	5,274
Commercial Harvest (Area 2A, 2D)	17	10	27	627	337	965
Chehalis Tribal Harvest	92	0	92	251	857	1,108
<b>QIN Treaty Harvest</b>	<b>1,007</b>	<b>173</b>	<b>1,180</b>	<b>4,136</b>	<b>2,327</b>	<b>6,463</b>
<b>Total Chehalis Basin Harvest</b>	<b>1,354</b>	<b>244</b>	<b>1,598</b>	<b>9,044</b>	<b>5,651</b>	<b>14,695</b>
<b>Expected Escapement</b>	<b>9,498</b>	<b>1,618</b>	<b>11,116</b>	<b>31,079</b>	<b>15,904</b>	<b>46,983</b>
<b>Harvest Rates</b>						
<b>WDFW-managed fishery Harvest Rate</b>	<b>2.34%</b>	<b>3.82%</b>	<b>2.56%</b>	<b>11.61%</b>	<b>11.44%</b>	<b>11.55%</b>
<b>Total Recreational harvest rate</b>	<b>2.19%</b>	<b>3.29%</b>	<b>2.35%</b>	<b>10.04%</b>	<b>9.88%</b>	<b>9.99%</b>
Proportion of Rec Marine Area 2.2	32.00%	30.44%	31.68%	14.39%	14.37%	14.38%
Proportion of Rec Freshwater	68.00%	69.56%	68.32%	85.61%	85.63%	85.62%
Commercial Impact Rate in 2A-D only	<b>0.16%</b>					
Commercial harvest rate	0.16%	0.53%	0.21%	1.56%	1.56%	1.56%
Chehalis Tribal harvest rate	0.85%	0.00%	0.73%	0.63%	3.98%	1.80%
<b>QIN Treaty Harvest Rate</b>	<b>9.28%</b>	<b>9.29%</b>	<b>9.28%</b>	<b>10.31%</b>	<b>10.80%</b>	<b>10.48%</b>
<b>Total Chehalis Basin Harvest Rate</b>	<b>12.47%</b>	<b>13.11%</b>	<b>12.57%</b>	<b>22.54%</b>	<b>26.21%</b>	<b>23.83%</b>

HUMPTULIPS RIVER BASIN						
	Chinook			Coho		
	Natural	Hatchery	Total	Natural	Hatchery	Total
Escapement Goal	4,668	5,696	10,364	2,388	7,101	9,489
Total Available Harvestable	3,573	369	3,942	6,894	400	7,294
Non-treaty Share	1,095	5,327	6,422	-4,506	6,701	2,195
	548	2,664	3,211	-2,253	3,350	1,098
<b>Humptulips River Management Objectives</b>						
Marine Area 2.2 impact rate	26%			18%		
Commercial impact rate in 2C Only	1.2%					
Total Impacts				< 5%		
<b>Harvest Impacts</b>						
<b>WDFW-managed fishery Harvest</b>	<b>139</b>	<b>2,258</b>	<b>2,397</b>	<b>58</b>	<b>1,032</b>	<b>1,091</b>
Marine Area 2.2 Harvest	4	90	95	7	84	91
Freshwater Harvest	134	2,166	2,299	44	927	971
Commercial Harvest	1	2	3	7	21	28
<b>QIN Treaty Harvest</b>	<b>614</b>	<b>749</b>	<b>1,363</b>	<b>465</b>	<b>1,455</b>	<b>1,920</b>
<b>Total Humptulips Basin Harvest</b>	<b>753</b>	<b>3,007</b>	<b>3,760</b>	<b>523</b>	<b>2,487</b>	<b>3,011</b>
<b>Expected Escapement</b>	<b>3,915</b>	<b>2,689</b>	<b>6,604</b>	<b>1,865</b>	<b>4,613</b>	<b>6,479</b>
<b>Harvest Rates</b>						
<b>WDFW-managed fishery Harvest Rate</b>	<b>2.98%</b>	<b>39.64%</b>	<b>23.13%</b>	<b>2.43%</b>	<b>14.54%</b>	<b>11.49%</b>
<b>Total Recreational harvest rate</b>	<b>2.96%</b>	<b>39.61%</b>	<b>23.10%</b>	<b>2.13%</b>	<b>14.24%</b>	<b>11.19%</b>
Proportion of Rec Marine Area 2.2	3.22%	4.01%	3.97%	13.16%	8.33%	8.57%
Proportion of Rec Freshwater	96.78%	95.99%	96.03%	86.84%	91.67%	91.43%
Commercial harvest rate in 2C Only	0.00%					
Commercial harvest rate	0.02%	0.03%	0.03%	0.30%	0.30%	0.30%
<b>QIN Treaty Harvest Rate</b>	<b>13.15%</b>	<b>13.15%</b>	<b>13.15%</b>	<b>19.47%</b>	<b>20.49%</b>	<b>20.23%</b>
<b>Total Harvest Rate</b>	<b>16.13%</b>	<b>52.79%</b>	<b>36.28%</b>	<b>21.90%</b>	<b>35.03%</b>	<b>31.73%</b>

GRAYS HARBOR TOTAL									
	Chinook			Coho			Chum		
	Natural	Hatchery	Total	Natural	Hatchery	Total	Natural	Hatchery	Total
Escapement Goal	15,520	7,558	23,078	42,512	28,656	71,168	30,324	2,325	42,248
	13,326	947	14,273	35,400	1,900	37,300			21,000
Total Available Harvestable	2,194	6,611	8,805	7,112	26,756	33,868			21,248
Non-treaty Share	1,097	3,306	4,403	3,556	13,378	16,934			10,624
<b>Management Objectives</b>									
Marine Area 2.2 impact rate									≤ 2% total
Commercial impact rate									
Total Impacts				≤ 5%					
<b>Harvest Impacts</b>									
<b>WDFW-managed fishery Harvest</b>	<b>393</b>	<b>2,329</b>	<b>2,723</b>	<b>4,715</b>	<b>3,499</b>	<b>8,214</b>			<b>4,027</b>
Marine Area 2.2 Harvest	80	109	190	586	390	977			33
Freshwater Harvest	295	2,208	2,503	3,494	2,751	6,245			773
Commercial Harvest	18	12	30	635	358	993			3,222
<i>Chehalis Tribe</i>	92	0	92	251	857	1,108			0
<i>Total NT - Harvest</i>	486	2,329	2,815	4,966	4,356	9,323			4,027
<b>QIN Treaty Harvest</b>	<b>1,621</b>	<b>922</b>	<b>2,543</b>	<b>4,601</b>	<b>3,782</b>	<b>8,383</b>			<b>3,765</b>
<b>Total GH Harvest</b>	<b>2,107</b>	<b>3,251</b>	<b>5,358</b>	<b>9,567</b>	<b>8,138</b>	<b>17,706</b>			<b>7,792</b>
<b>Expected Escapement</b>	<b>13,413</b>	<b>4,307</b>	<b>17,720</b>	<b>32,944</b>	<b>20,518</b>	<b>53,462</b>			<b>34,456</b>
<b>Harvest Rates</b>									
<b>Non-treaty Harvest Rate</b>	<b>2.54%</b>	<b>30.82%</b>	<b>11.80%</b>	<b>11.09%</b>	<b>12.21%</b>	<b>11.54%</b>			<b>9.53%</b>
Proportion of Rec Marine Area 2.2									<b>4.10%</b>
Marine Area 2.2 harvest rate	0.52%	1.44%	0.82%	1.38%	1.36%	1.37%			0.08%
Freshwater harvest rate	1.90%	29.22%	10.85%	8.22%	9.60%	8.77%			1.83%
Commercial harvest rate	0.12%	0.16%	0.13%	1.49%	1.25%	1.40%			7.63%
<b>QIN Treaty Harvest Rate</b>	<b>10.44%</b>	<b>12.20%</b>	<b>11.02%</b>	<b>10.82%</b>	<b>13.20%</b>	<b>11.78%</b>			<b>8.91%</b>
<b>Total GH Harvest Rate</b>	<b>13.57%</b>	<b>43.01%</b>	<b>23.22%</b>	<b>22.51%</b>	<b>28.40%</b>	<b>24.88%</b>			<b>18.44%</b>