

CHEHALIS RIVER									
2018 Pre-season Forecasted RS									
	Wild	Chinook		Coho		Chum		Chehalis	
		Hatchery	Total	Wild	Hatchery	Total	Wild	Hatchery	Total
Escapement Goal	9,753	578	10,331	28,506	1,500	30,006	61,144		21,000
Harvestable	1,054	1,525	2,579	7,250	33,714	40,964	40,144		40,144
Non-Treaty Share	527	763	1,290	3,625	16,857	20,482	20,072		20,072

ANTICIPATED HARVEST IMPACTS

Stat Wk - DATE	AREA	# DAYS	day length	NDR Chin Coho	MSF	Chinook			Coho			Chehalis								
						Wild	Wild 2A/2D on Hatchery	Total	Wild	Hatchery	Total	vSI	Chum							
34 19-Aug-18	all	0	1.00	0.03	0.02	1.00	0	0	0	0	0	1	0	0						
35 26-Aug-18	all	0	1.00	0.03	0.02	1.00	0	0	0	0	0	1	0	0						
36 2-Sep-18	all	0	1.00	0.03	0.02	1.00	0	0	0	0	0	1	0	0						
37 9-Sep-18	all	0	1.00	0.03	0.02	1.00	0	0	0	0	0	1	0	0						
38 16-Sep-18	all	0	1.00	0.03	0.02	1.00	0	0	0	0	0	1	0	0						
39 23-Sep-18	all	0	1.00	0.03	0.02	1.00	0	0	0	0	0	1	0	0						
40 30-Sep-18	all	0	1.00	0.03	0.02	1.00	0	0	0	0	0	1	0	0						
41 7-Oct-18	all	0	1.00	0.03	0.02	1.00	0	0	0	0	0	1	0	0						
42 14-Oct-18	all	0	1.00	0.03	0.02	1.00	0	0	0	0	0	1	0	0						
43 21-Oct-18	ch eh	1	1.00	0.03	0.02	0.56	56	15	71	245	241	486	1	1,347						
44 28-Oct-18	ch eh	2	1.00	0.03	0.02	0.56	10	6	15	263	259	522	1	2,844						
45 4-Nov-18	ch eh	0	0.75	0.03	0.02	0.56	0	0	0	0	0	0	1	0						
46 11-Nov-18	ch eh	2	0.75	0.03	0.02	1.00	3	3	1	114	114	229	1	281						
47 18-Nov-18	all	0	1.00	0.03	0.02	1.00	0	0	0	0	0	1	0	0						
48 25-Nov-18	all	0	1.00	0.03	0.02	1.00	0	0	0	0	0	1	0	0						
Total NT Net Catch													69	23	20	89	623	614	1,237	4,472
GH Marine Area 2.2													83	0.0021	21	104	195	216	411	59
Westport Boat Basin													0		0	0	0	43	43	0
FW River Sport													185	86	56	327	991	2,362	3,353	1,193
Total													267		78	432	1,186	2,621	3,807	1,252

Chehalis Tribe									
	Wild	Chinook		Coho		Chum		Chehalis	
		Hatchery	Total	Wild	Hatchery	Total	Wild	Hatchery	Total
Expected Escapement	9,112	1,758	10,784	29,869	26,736	56,605	36,347		36,347
Escapement Goal	9,753	578	10,331	28,506	1,500	30,006	21,000		21,000
Total Remaining Harvest	-641	1,180	453	1,363	25,236	26,599	15,347		15,347
Share Remaining	102	665	680	1,659	12,242	13,901	13,257		13,257

Terminal Harvest Rate									
	Wild	Chinook		Coho		Chum		Chehalis	
		Hatchery	Total	Wild	Hatchery	Total	Wild	Hatchery	Total
NT Chehalis River HR	0.039	0.031	0.047	0.055	0.131	0.071	0.111		0.094

HUMPTULIPS RIVER

		Chinook			Coho			Chum
	Wild	Hatchery	Total	Wild	Hatchery	Total		
2018 Pre-season Forecasted RS								
Escapement Goal	3,573	369	3,942	6,894	400	7,294	21,000	
Harvestable	2,019	2,346	4,365	-2,177	10,891	8,714	40,144	
Non-Treaty Share	1,010	1,173	2,183	-1,088	5,445	4,357	20,072	

HUMPTULIPS RIVER

ANTICIPATED HARVEST IMPACTS

DATE	AREA	#	DAYS	length	NDR			Chinook			Coho			Humpulips Chum
					Chin Coho	MSF	Wild	Wild Hump onl	Hatchery	Total	MSF	Wild	Hatchery	

34	19-Aug-18	0	humpp	1.00	0.03	0.02	1.00	0	0	0	0	1.00	0	0	0	1	0
35	26-Aug-18	0	humpp	1.00	0.03	0.02	1.00	0	0	0	0	1.00	0	0	0	1	0
36	2-Sep-18	0	humpp	1.00	0.03	0.02	1.00	0	0	0	0	1.00	0	0	0	1	0
37	9-Sep-18	0	humpp	1.00	0.03	0.02	1.00	0	0	0	0	1.00	0	0	0	1	0
38	16-Sep-18	0	humpp	1.00	0.03	0.02	1.00	0	0	0	0	1.00	0	0	0	1	0
39	23-Sep-18	0	humpp	1.00	0.03	0.02	1.00	0	0	0	0	1.00	0	0	0	1	0
40	30-Sep-18	0	humpp	1.00	0.03	0.02	1.00	0	0	0	0	1.00	0	0	0	1	0
41	7-Oct-18	0	humpp	1.00	0.03	0.02	1.00	0	0	0	0	1.00	0	0	0	1	0
42	14-Oct-18	0	humpp	1.00	0.03	0.02	1.00	0	0	0	0	1.00	0	0	0	1	0
43	21-Oct-18	2	humpp	0.75	0.03	0.02	1.00	124	123	86	210	1.00	46	110	156	1	750
44	28-Oct-18	1	humpp	1.00	0.03	0.02	1.00	15	14	7	22	1.00	9	21	29	1	183
45	4-Nov-18	0	humpp	0.75	0.03	0.02	1.00	0	0	0	0	1.00	0	0	0	1	0
46	11-Nov-18	0	humpp	1.00	0.03	0.02	1.00	0	0	0	0	1.00	2	4	6	1	0
47	18-Nov-18	0	humpp	1.00	0.03	0.02	1.00	0	0	0	0	1.00	0	0	0	1	0
48	48-53	0	humpp	1.00	0.03	0.02	1.00	0	0	0	0	1.00	0	0	0	1	0
		1	Total NT Net Catch					139	137	93	232		56	135	191		934
			GH Marine Area 2.2					37	2,451	2%	82		8	127	135		
			FW River Sport					407	890		1,297		122	1,531	1,653		157
			Total NT Sport Catch					443	935		1,379		130	1,658	1,788		157

Total NT Humpulips River Terminal Impact

Expected Escapement	4,214	1,301	5,514	3,909	8,010	11,919	36,347
Escapement Goal	3,573	369	3,942	6,894	400	7,294	21,000
Total Remaining Harvestable	641	932	1,572	-2,985	7,610	4,625	15,347
Share Remaining	427	145	572	-1,275	3,653	2,378	13,257
Terminal Harvest Rate	0.104	0.379	0.194	4.0%	0.159	0.124	0.111

Chehalis 2A and 2D				
WDFW managed			goal	model
Chinook	share		527	337
	goal		9,753	9,112
	commercial rate	< or = 0.8%		0.21380%
	WDFW total	< or = 5.0%		3.11%
MA2.2		27%	24%	
FW		73%	69%	
Coho	share		3,625	1,809
	goal		28,506	29,869
	WDFW total	< or = 5.0%		5.5%
	MA2.2		27%	12%
FW		73%	88%	

Humptulips 2C				
WDFW managed			goal	model
Chinook	rate	< or = 5.4%		2.451%
	share		1,010	583
	goal		3,573	4,214
	MA 2.2		37%	6%
FW		63%	92%	
Coho	goal		6,894	3,909.0
	WDFW total	< or = 5.0%		3.95%
	Total	< or = 10%		17.1%
	MA 2.2		18%	0.08
FW		82%	92%	

Grays Harbor Total				
Chinook	goal		13,326	13,325
	share (incl. CTR)		1,537	1,008
Coho	goal		35,400	33,778
	share (incl. CTR)		2,536	2,152
Chum	goal		21,000	36,347
	share (incl. CTR)		20,072	6,815
MA 2.2	= to or <2%		4.18%	
FW	>98%		96%	\$ 55,229

CHEHALIS RIVER BASIN

	Chinook			Coho			Chum		
	Natural	Hatchery	Total	Natural	Hatchery	Total	Natural	Hatchery	Total
2018 Pre-season Forecasted RS	10,807	2,103	12,910	35,756	35,214	70,970	57,885	3,259	61,144
Escapement Goals	9,753	578	10,331	28,506	1,500	30,006			21,000
Total Available Harvestable	1,054	1,525	2,579	7,250	33,714	40,964			40,144
Non-treaty Share	527	763	1,290	3,625	16,857	20,482			20,072

Chehalis River Management Objectives

Proportion of Rec Marine Area 2.2	<27%	<27%	< 2% total
Commercial Impact Rate in 2A-D Only	< 0.8%		
Total WDFW-managed fishery	=<5%		=<5%

Harvest Impacts

WDFW-managed fishery Harvest Rate	337		98		434		1,809		3,235		5,044		5,725	
	Marine Area 2.2 Harvest	83	21	104	195	259	454	991	2,362	3,353	4,472	59	1,193	4,472
Freshwater Harvest	185	56	241	991	2,362	3,353	4,472	69	20	89	1,237	0	88	0
Commercial Harvest (Area 2A, 2D)	69	20	89	623	614	1,237	1,537	157	1,380	1,537	1,537	0	88	0
Chehalis Tribal Harvest	88	0	88	157	1,380	1,537	1,537	157	1,380	1,537	1,537	0	88	0
QIN Treaty Harvest	1,270	247	1,517	3,921	3,863	7,784	12,371	1,270	247	1,517	1,517	0	88	0
Total Chehalis Basin Harvest	1,695	345	2,040	5,887	8,478	14,365	18,095	1,695	345	2,040	2,040	0	88	0

Expected Escapement

Expected Escapement	9,112	1,758	10,870	29,869	26,736	56,605	N/A
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Harvest Rates

WDFW-managed fishery Harvest Rate	3.1%		4.64%		3.36%		5.06%		9.19%		7.11%		9.36%	
	Total Recreational harvest rate	2.48%	3.70%	2.67%	3.32%	7.44%	5.36%	16.4%	9.87%	11.91%	4.70%	2.05%	4.70%	95.30%
Proportion of Rec Marine Area 2.2	31.0%	27.48%	30.21%	16.4%	9.87%	11.91%	4.70%	27.48%	30.21%	11.91%	4.70%	2.05%	4.70%	95.30%
Proportion of Rec Freshwater	69.00%	72.52%	69.79%	83.58%	90.13%	88.09%	95.30%	69.00%	72.52%	69.79%	88.09%	95.30%	69.00%	72.52%
Commercial Impact Rate in 2A-D only	0.21%	0.94%	0.69%	1.74%	1.74%	1.74%	7.31%	0.64%	0.94%	0.69%	1.74%	7.31%	0.64%	0.94%
Commercial harvest rate	0.64%	0.94%	0.69%	1.74%	1.74%	1.74%	7.31%	0.82%	0.00%	0.69%	2.17%	0.00%	0.82%	0.00%
Chehalis Tribal harvest rate	0.82%	0.00%	0.69%	0.44%	3.92%	2.17%	0.00%	11.75%	11.75%	11.75%	10.97%	20.23%	11.75%	11.75%
QIN Treaty Harvest Rate	11.75%	11.75%	11.75%	10.97%	10.97%	10.97%	20.23%	15.69%	16.39%	15.80%	16.46%	24.07%	15.69%	16.39%
Total Chehalis Basin Harvest Rate	15.69%	16.39%	15.80%	16.46%	24.07%	20.24%	29.59%	15.69%	16.39%	15.80%	16.46%	24.07%	15.69%	16.39%

HUMPTULIPS RIVER BASIN

	Chinook			Coho			Chum		
	Natural	Hatchery	Total	Natural	Hatchery	Total	Natural	Hatchery	Total
2018 Pre-season Forecasted RS	5,592	2,715	8,307	4,717	11,291	16,008	57,885	3,259	61,144
Escapement Goal	3,573	369	3,942	6,894	400	7,294			21,000
Total Available Harvestable	2,019	2,346	4,365	-2,177	10,891	8,714			40,144
Non-treaty Share	1,010	1,173	2,183	-1,088	5,445	4,357			20,072

Humptulips River Management Objectives

Marine Area 2.2 impact rate	37%	18 - 34%
Commercial impact rate in 2C Only	< 5.4%	< 5%
Total Impacts		

Harvest Impacts

Non-treaty Harvest	583	1,028	1,611	186	1,793	1,979	1,090
Marine Area 2.2 Harvest	37	45	82	8	127	135	0
Freshwater Harvest	407	890	1,297	122	1,531	1,653	157
Commercial Harvest	139	93	232	56	135	191	934
QIN Treaty Harvest	796	386	1,182	622	1,489	2,110	5,611
Total Humptulips Basin Harvest	1,378	1,414	2,793	808	3,281	4,089	6,702

Expected Escapement

Expected Escapement	4,214	1,301	5,514	3,909	8,010	11,919	N/A
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Harvest Rates

WDFW-managed fishery	Harvest Rate	10.42%	37.86%	19.39%	3.95%	15.88%	12.36%	1.78%
Total Recreational harvest rate	7.93%	34.44%	16.59%	2.76%	14.68%	11.17%	0.26%	
Proportion of Rec Marine Area 2.2	8.3%	4.79%	5.92%	6.2%	7.67%	7.56%	See above	
Proportion of Rec Freshwater	91.69%	95.21%	94.08%	93.79%	92.33%	92.44%	100.00%	
Commercial harvest rate in 2C Only	2.45%			1.20%	1.20%	1.20%	1.53%	
Commercial harvest rate	2.49%	3.42%	2.80%	13.18%	13.18%	13.18%	9.18%	
QIN Treaty Harvest Rate	14.23%	14.23%	14.23%	17.13%	29.06%	25.55%	10.96%	
Total Harvest Rate	24.65%	52.09%	33.62%					

GRAYS HARBOR TOTAL

	Chinook			Coho			Chum		
	Natural	Hatchery	Total	Natural	Hatchery	Total	Natural	Hatchery	Total
2018 Pre-season Forecasted RS	16,399	4,818	21,217	40,473	46,505	86,978	57,885	3,259	61,144
Escapement Goal	13,326	947	14,273	35,400	1,900	37,300			21,000
Total Available Harvestable	3,073	3,871	6,944	5,073	44,605	49,678			40,144
Non-treaty Share	1,537	1,936	3,472	2,536	22,303	24,839			20,072

Management Objectives

Marine Area 2.2 impact rate	20	< 2% total
Commercial impact rate		
Total Impacts		

Harvest Impacts

WDFW Managed Harvest	Chinook			Coho			Chum		
	Natural	Hatchery	Total	Natural	Hatchery	Total	Natural	Hatchery	Total
Marine Area 2.2 Harvest	120	66	186	203	386	589	59		59
Freshwater Harvest	591	947	1,538	1,113	3,893	5,006	1,350		1,350
Commercial Harvest	208	113	321	680	749	1,429	5,406		5,406
Chehalis Tribe	88	0	88	157	1,380	1,537	0		0
Total NT - Harvest	1,008	1,125	2,133	2,152	6,407	8,560	6,815		6,815
QIN Treaty Harvest	2,066	633	2,699	4,543	5,352	9,894	17,982		17,982
Total GH Harvest	3,074	1,759	4,832	6,695	11,759	18,454	24,797		24,797

Expected Escapement	13,325	3,059	16,385	33,778	34,746	68,524	36,347		
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Harvest Rates

Non-treaty Harvest Rate	Chinook			Coho			Chum		
	Proportion of Rec	Proportion of Rec	Proportion of Rec	Proportion of Rec	Proportion of Rec	Proportion of Rec	Proportion of Rec	Proportion of Rec	Proportion of Rec
Marine Area 2.2 harvest rate	0.73%	1.37%	0.88%	0.50%	0.83%	0.68%	0.10%		0.10%
Freshwater harvest rate	3.61%	19.65%	7.25%	2.75%	8.37%	5.75%	2.21%		2.21%
Commercial harvest rate	1.27%	2.34%	1.51%	1.68%	1.61%	1.64%	8.84%		8.84%
QIN Treaty Harvest Rate	12.60%	13.15%	12.72%	11.22%	11.51%	11.38%	29.41%		29.41%
Total GH Harvest Rate	18.74%	36.51%	22.78%	16.54%	25.29%	21.22%	40.55%		40.55%

2018 North of Falcon Proposed Salmon Rules District 17 North

Changes from 2017 regs are **BOLDED**.

Corrected section (in red) noted during GH Advisory meeting on 4.17.18

MARINE AREAS

Area	Section	Fishery	Season	Salmon Regulation
Marine Area 2.2	West of Buoy 13 line	Salmon	Open through Aug. 13, 2018	Open concurrent with the ocean (Area 2) for SALMON. Area 2 rules apply.
	East of Buoy 13 line	ALL SALMON required to be released may not be totally removed from the water, except anglers fishing from boats 30 ft or longer as listed on either their state or Coast Guard registration are exempt.		
	East of the Buoy 13 line Humptulips North Bay Fishery	Salmon	Aug. 1 - Sept. 15	Min size 12". Daily limit 2 (combined). Release wild COHO.
	east of the Buoy 13 line East Grays Harbor Fishery	Salmon	Oct. 1 - Nov. 30	Min. Size 12". Daily limit 1. Release CHINOOK.
Wesport Boat Basin and Ocean Shores Boat Basin		Salmon	Aug 16 - Jan 31	NO CHANGE.

2018 North of Falcon Proposed Salmon Rules District 17 North

Changes from 2017 regs are **BOLDED**.

MARINE AREAS

Area	Section	Fishery	Season	Salmon Regulation
ALL SALMON required to be released may not be totally removed from the water, except anglers fishing from boats 30 ft or longer as listed on either their state or Coast Guard registration are exempt.				
Marine Area 2.2	East of the Bouy 13 line North Bay	Salmon	Aug. 1 - Sept. 15	Min. Size 12". Daily limit 2 (combined), Release wild COHO.
	east of the Buoy 13 line East Grays Harbor Fishery	Salmon	Oct. 1 - Nov. 30	Min. Size 12". Daily limit 1. Release CHINOOK.
Wesport Boat Basin and Ocean Shores Boat Basin		Salmon	Aug 16 - Jan 31	Min. size 12". Daily limit 6. No more than 4 adults may be retained. Release CHINOOK. Night closure and Anti-snagging rule. Only single-pt barbless hooks may be used.

FRESHWATER AREAS

River	Section	Fishery	Season	Salmon Regulation
Black River	Mouth to bridge on 128th Ave. SW (west of Littlerock)	Salmon	Oct. 1 - Nov. 30	ALL SPECIES: night closure, anti-snagging rule, and barbless hooks required.
				Min. size 12". Daily limit 6, only 2 adults may be retained.
				Release wild adult COHO and adult CHINOOK.
ALL SPECIES: Aug 1 - Nov 30: single-point barbless hooks required.				
Chehalis River	from mouth (Hwy 101 Bridge in Aberdeen) to Hwy 107 Bridge including all channel, sloughs, and interconnected waterways.	Salmon	Oct. 1 - Nov. 30	Daily limit 1 adult.
				Min size 12". Daily limit 6, only 1 adult may be retained.
				Release adult CHINOOK.
				Daily limit 1 adult.
				Min size 12". Daily limit 6. Release adults.
				Min size 12". Daily limit 6, only 2 adults may be retained. Release adult CHINOOK and wild adult COHO.
Chehalis River	from Hwy 107 Bridge upstream to South Elma Bridge (Wakefield Rd.).	Salmon	Oct. 1 - Nov. 30	Daily limit 1 adult.
				Min size 12". Daily limit 6, only 2 adults may be retained. Release adult CHINOOK and wild adult COHO.
				Daily limit 1 adult.
				Min size 12". Daily limit 6, only 2 adults may be retained. Release adult CHINOOK and wild adult COHO.
Chehalis River	South Elma Bridge (Wakefield Rd.) to Hwy 6 Bridge near the town of Adna.	Salmon	May 1-June 30	Daily limit 1 adult.
				Min size 12". Daily limit 6, only 2 adults may be retained. Release adult CHINOOK and wild adult COHO.

River	Section	Fishery	Season	Salmon Regulation
Chehalis River Cont'd	Hwy 6 Bridge near the town of Adna to high bridge on Weyerhaeuser 1000 line approx. 400 yards downstream of Roger Creek (south of Pe Ell)	Salmon	Oct. 1 - Nov. 30	Min size 12". Daily limit 6, only 2 adults may be retained. Release adult CHINOOK and wild adult COHO.
Cloquallum Creek	Closed to Salmon			
Copalis River	from mouth to Carlisle Bridge	Salmon	Oct. 1 - Nov. 30	Min size 12". Daily limit 6, only 1 adult may be retained. Release adult CHINOOK.
Elk River	ALL SPECIES: Aug 16 - Nov 30: single-point barbless hooks required.			
	from mouth (Hwy 105 Bridge) to the confluence of East and Middle branches.	Salmon	Oct. 1 - Nov. 30	Min size 12". Daily limit 6, only 2 adults may be retained. Release adult CHINOOK and wild adult COHO.
Hoquiam River including West Fork	ALL SPECIES: Aug 16 - Nov 30: single-point barbless hooks required.			
	from mouth (Hwy 101 Bridge on Simpson Ave.) to Dekay Rd. Bridge (West Fork).	Salmon	Oct. 1 - Nov. 30	Min size 12". Daily limit 6, only 2 adults may be retained. Release adult CHINOOK and wild adult COHO.
Hoquiam River East Fork	ALL SPECIES: Aug 16 - Nov 30: single-point barbless hooks required.			
	from mouth to confluence of Berryman Creek.	Salmon	Oct. 1 - Nov. 30	Min size 12". Daily limit 6, only 2 adults may be retained. Release adult CHINOOK and wild adult COHO.
Humptulips River	ALL SPECIES - Aug 16 - Nov 30: night closure and single point barbless hooks required			
	from mouth (Jessie Slough) including all channels, sloughs, and interconnected waterways to confluences of East and West forks.	Salmon	Sept. 1-Sept. 30 Oct. 1 - Nov. 30	Min. size 12". Daily limit 6. Up to 2 adults may be retained of which only 1 may be a wild CHINOOK. Release wild COHO. Min. size 12". Daily limit 6. Only 2 adults may be retained. Release wild adult CHINOOK and wild COHO.
Joe Creek	ALL SPECIES: Aug 16 - Nov 30: single-point barbless hooks required.			
	from mouth to Ocean Beach Rd Bridge	Salmon	Oct. 1 - Nov. 30	Min size 12". Daily limit 6, only 1 adult may be retained. Release adult CHINOOK.
Johns River	ALL SPECIES: Aug 16 - Nov 30: single-point barbless hooks required.			
	from mouth (Hwy 105 Bridge) to Ballon Creek	Salmon	Oct. 1 - Nov. 30	Min size 12". Daily limit 6, only 2 adults may be retained. Release adult CHINOOK and wild adult COHO.

River	Section	Fishery	Season	Salmon Regulation
Moclips River	from mouth to Quinault Indian Reservation boundary	Salmon	Oct. 1 - Nov. 30	Min size 12". Daily limit 6, only 1 adult may be retained. Release adult CHINOOK.
Newaukum River including South Fork	ALL SPECIES: Aug 16 - Nov 30: single-point barbless hooks required.			
	mouth to Leonard Rd. near Onalaska	Salmon	Oct. 16 - Nov. 30	Min size 12". Daily limit 6, only 2 adults may be retained. Release adult CHINOOK and wild adult COHO.
Quinault River, Upper	ALL SPECIES-internal combustion motors prohibited. Only 1 barbless hook may be used. First Sat. in June-Sept. 30 and Feb. 16-Apr. 15: bait prohibited.			
	from mouth at upper end of Quinault Lake upstream to Olympic National Park boundary	Salmon	July 1 - Sept. 30 Oct. 1 - Nov. 30	Min size 12". Daily limit 6. JACKS only. Single-point barbless hooks required. Min size 12". Daily limit 6. Up to 2 adult CHINOOK and COHO (combined) may be retained. Release SOCKEYE and CHUM
Satsop River and East Fork	ALL SPECIES - Aug 16 - Nov 30: night closure and single point barbless hooks required			
	from mouth to bridge at Schafer State Park	Salmon	Oct. 1 - Nov. 30	Min size 12". Daily limit 6, only 2 adults may be retained. Release adult CHINOOK and wild adult COHO.
	from 400' below Bingham Crk Hatchery dam to dam	Salmon	Oct. 1 - Nov. 30	Min size 12". Daily limit 6, only 2 adults may be retained. Release adult CHINOOK and wild adult COHO.
Skookumchuck River	ALL SPECIES - First Sat. in June - Mar. 31: no min. size for adipose fin clipped TROUT. Aug 16 - Nov 30: night closure and single point barbless hooks required.			
	from mouth to 100' below outlet of TransAlta/WDFW steelhead rearing pond located at the base of Skookumchuck Dam	Salmon	Oct. 16 - Nov. 30	Min. size 12". Daily limit 6. Up to 2 adults may be retained. Release adult CHINOOK and wild adult COHO.
Van Winkle Creek	ALL SPECIES: Aug 16 - Nov 30: night closure and anti-snagging rule			
	from mouth to 400' below outlet of Lake Aberdeen Hatchery	Salmon	Oct. 1 - Nov. 30	Min size 12". Daily limit 6, only 2 adults may be retained. Release adult CHINOOK and wild adult COHO.

River	Section	Fishery	Season	Salmon Regulation
Wishkah River	CLOSED WATERS: from 150' upstream to 150' downstream of the Wishkah adult attraction channel/outfall structure (within the posted fishing boundary) except for anglers with disabilities who permanently use a wheelchair AND who have a designated a harvester companion card. ALL SPECIES - Aug. 16 - Nov. 30: single point barbless hooks required.	Salmon	Oct. 1 - Nov. 30	Min size 12". Daily limit 6, only 2 adults may be retained. Release adult CHINOOK and wild adult COHO.
	from mouth to the Wishkah Rearing Ponds.	Salmon	Oct. 1 - Nov. 30	Min size 12". Daily limit 6, only 2 adults may be retained. Release adult CHINOOK and wild adult COHO.
Wynoochee River	ALL SPECIES: Aug 16 - Nov 30: single-point barbless hooks required.			
	from mouth to White Bridge access site	Salmon	Oct. 1 - Nov. 30	Min size 12". Daily limit 6, only 2 adults may be retained. Release adult CHINOOK and wild adult COHO.

FISH AND WILDLIFE COMMISSION

POLICY DECISION

POLICY TITLE: Grays Harbor Basin
Salmon Management

POLICY NUMBER: C-3621

Repeals or
Supersedes: NA

Effective Date: March 1, 2014
Termination Date: December 31, 2023

See Also: Policies C-3608, C-3619

Approved February 8, 2014

by: *Miranda Wecker*, Chair
Washington Fish and Wildlife Commission

Purpose

The objective of this policy is to advance the conservation and restoration of wild salmon. Where consistent with this conservation objective, the policy also seeks to maintain or enhance the economic well-being and stability of the fishing industry in the state, provide the public with outdoor recreational experiences and a fair distribution of fishing opportunities throughout the Grays Harbor Basin, and improve the technical rigor of fishery management. Enhanced transparency and information sharing are needed to restore and maintain public trust and support for management of Grays Harbor salmon fisheries.

Definition and Intent

This policy sets a general management direction and provides guidance for Washington Department of Fish and Wildlife (Department) management of all Pacific salmon returning to the Grays Harbor Basin. The Grays Harbor Basin is defined as Grays Harbor and its freshwater tributaries.

General Policy Statement

This policy provides a cohesive set of principles and guidance to promote the conservation of wild salmon and steelhead and improve the Department's management of salmon in the Grays Harbor Basin. The Fish and Wildlife Commission (Commission) recognizes that management decisions must be informed by fishery monitoring (biological and economic), and that innovation and adaptive management will be necessary to achieve the stated purpose of this policy. By improving communication, information sharing, and transparency, the Department shall promote improved public support for management of Grays Harbor salmon fisheries.

State commercial and recreational fisheries will need to increasingly focus on the harvest of abundant hatchery fish. Mark-selective fisheries are a tool that permits the harvest of abundant hatchery fish while reducing impacts on wild stocks needing protection. As a general policy, the Department shall implement mark-selective salmon fisheries, unless the wild populations substantially affected by the fishery are meeting

spawner (e.g., escapement goal) and broodstock management objectives. In addition, the Department may consider other management approaches provided they are as or more effective than a mark-selective fishery in achieving spawner and broodstock management objectives.

Fishery and hatchery management measures should be implemented as part of an “all-H” strategy that integrates hatchery, harvest, and habitat systems. Although the policy focuses on fishery management, this policy in no way diminishes the significance of habitat protection and restoration.

In implementing the policy guidelines, the Department will work with the tribes in a manner that is consistent with *U.S. v. Washington* and other applicable state and federal laws and agreements.

Guiding Principles

The Department will apply the following principles in the management of salmon in the Grays Harbor Basin:

- 1) Promote the conservation and restoration of salmon and steelhead by working with our partners (including Regional Fishery Enhancement Groups and Lead Entities) to protect and restore habitat productivity, implementing hatchery reform, and managing fisheries consistent with conservation objectives.
- 2) Meet the terms of *U.S. v. Washington* and other federal court orders and promote a strong relationship with the Quinault Indian Nation. Spawning escapement goals, fisheries, and artificial production objectives will be developed and jointly agreed with the Quinault Indian Nation. The Department shall seek agreement with the Quinault Indian Nation to manage fisheries with the intent of meeting the Chinook and coho salmon spawner goals for the Humptulips River and the Chinook and coho spawner goals for the Chehalis River. Agreements between the Department and the Quinault Indian Nation related to salmon in the Grays Harbor Basin shall be made available to the public through the agency web site.
- 3) The Department will work through the Pacific Salmon Commission to promote the conservation of Grays Harbor salmon and, in a manner consistent with the provisions of the Pacific Salmon Treaty, pursue the implementation of fishery management actions necessary to achieve agreed conservation objectives.
- 4) Within the Pacific Fishery Management Council (Council) process, the Department will support management measures that promote the attainment of Grays Harbor conservation objectives consistent with the Council’s Salmon Fishery Management Plan.
- 5) In a manner consistent with conservation objectives, seek to enhance the overall economic well-being and stability of Grays Harbor Basin fisheries.

- 6) When establishing fishery seasons, the Department shall consider the anticipated impact of both Quinault Indian Nation and nontreaty fisheries in the Grays Harbor Basin.
- 7) In a manner consistent with conservation objectives, fishing opportunities will be fairly distributed across fishing areas and reflect the diverse interests of WDFW-managed fishers.
- 8) Recreational and WDFW-managed commercial fisheries shall be structured (e.g., schedule, location, gear) to minimize gear and other fishery conflicts. WDFW-managed commercial gillnet fisheries in a fishing area or aggregate area (i.e., Area 2A/2B/2D; or Area 2C) shall be scheduled, if possible, so that in any given calendar week there are a minimum of three consecutive days when no treaty or state-managed commercial fisheries occur. If the treaty fishery occurs 4 or more days in a calendar week, no WDFW-managed commercial fishery shall occur in the remaining days of the week.
- 9) Monitoring, sampling, and enforcement programs will adequately account for species and population impacts (landed catch and incidental fishing mortality) of all recreational and WDFW-managed commercial fisheries and ensure compliance with state regulations.
- 10) If it becomes apparent that a scheduled fishery will exceed its preseason catch expectation, and the overage will put at risk the attainment of conservation objectives, the Department shall implement inseason management actions that are projected to enhance the effectiveness of fishery management relative to the attainment of the conservation objectives and impact sharing in the preseason fishery plan.
- 11) Salmon management will be well documented, transparent, well-communicated, and accountable. The Department shall strive to make ongoing improvements in the transparency of fishery management and for effective public involvement. These shall include: a) clearly describing management objectives in a document available to the public prior to the initiation of the preseason planning process; b) enhancing opportunities for public engagement during the preseason fishery planning process; c) communicating inseason information and management actions to advisors and the public; d) seeking Quinault Indian Nation support for the inclusion of observers in co-management meetings; and e) striving to improve communication with the public regarding co-management issues that are under discussion.
- 12) The Department shall seek to improve fishery management and technical tools through improved fishery monitoring, the development of new tools, and rigorous assessment of fishery models and parameters.

- 13) The Department shall explore and pursue options to increase hatchery production in the Grays Harbor Basin in a manner consistent with the Hatchery and Fishery Reform policy (C-3619). These shall include:
 - a. The Department shall work with the public and parties to the Wynoochee Settlement Agreement with the goal of submitting to the Federal Energy Regulatory Commission by September 30, 2014 the Wynoochee Dam mitigation plan and initiate spending of the mitigation funds in an expeditious manner thereafter.
 - b. The Department shall seek restoration of hatchery funding cut in the Grays Harbor Basin since the 2007-2009 biennium.

- 14) When a mark-selective fishery occurs, the mark-selective fishery shall be implemented, monitored, and enforced in a manner designed to achieve the anticipated conservation benefits.

Fishery and Species-Specific Guidance

Subject to the provisions of the Adaptive Management section, the following fishery-and species-specific sections describe the presumptive path for achieving conservation objectives and a fair sharing of harvestable fish.

Spring Chinook Salmon

Subject to the adaptive management provisions of this policy, the Department will manage spring Chinook salmon fisheries consistent with the Guiding Principles and the following objectives:

- 1) Fisheries will be managed with the intent of achieving escapement goals for wild spring Chinook. In no case, shall WDFW-managed fisheries result in an impact of more than 5% of the return when the natural-origin adult return exceeds the spawner objective by less than 10%.

- 2) Prioritize freshwater recreational fisheries, with an objective of opening freshwater areas no later than May 1.

Fall Chinook Salmon

Subject to the adaptive management provisions of this policy, the Department will manage fall Chinook salmon fisheries consistent with the Guiding Principles and the following objectives:

- 1) Fisheries will be managed with the intent of achieving escapement goals for wild and hatchery Chinook. In no case, shall WDFW-managed fisheries result in an impact of more than 5% of the return when the natural-origin adult return exceeds the spawner objective by less than 10%.

- 2) The fishery management objectives for fall Chinook salmon, in priority order, are to:

- a) achieve spawner goals;
 - b) provide meaningful recreational fishing opportunities; and
 - c) limit commercial fishery impacts to the incidental harvest of fall Chinook during fisheries directed at other species.
- 3) The following guidelines describe the anticipated sharing of fishery impacts in the Grays Harbor Basin between WDFW-managed commercial, marine recreational, and freshwater recreational fisheries. Variation from these guidelines may occur if it will result in fisheries that more closely achieve the stated purpose of this policy.

- a) WDFW-managed commercial fisheries in the Grays Harbor Basin shall have the following impact limits:

Areas 2A, 2B, 2D: the impact rate of the state-managed commercial fishery shall be 0.8% on natural-origin Chehalis fall Chinook when the impact of the recreational fishery is equal to or greater than 4.2%. The impact rate of the WDFW-managed commercial fishery may be less than 0.8% when conservation concerns for natural-origin Chehalis fall Chinook result in a less than 4.2% impact rate in the recreational fishery.

When the terminal run of natural-origin Chehalis fall Chinook reaches an abundance of 18,793, the impact rate of the WDFW-managed commercial fishery shall linearly increase from 0.8% to a maximum of 5.8% at a terminal run of 25,000 natural-origin Chehalis fall Chinook.

Area 2C: the impact rate of the state-managed commercial fishery shall be 1.2% on natural-origin Humptulips fall Chinook when the impact of the recreational fishery is equal to or greater than 3.8%. The impact rate of the WDFW-managed commercial fishery may be less than 1.2% when conservation concerns for Humptulips natural-origin fall Chinook result in a less than 3.8% impact rate in the recreational fishery.

When the terminal run of natural-origin Humptulips fall Chinook reaches an abundance of 3,779, the impact rate of the WDFW-managed commercial fishery shall linearly increase from 1.2% to a maximum of 5.4% at a run of 4,070 natural-origin Humptulips fall Chinook.

- b) Chehalis Fall Chinook. Fisheries shall be developed with the intent of achieving the following sharing of impacts within the recreational fishing sector:

Run Size	% to Freshwater	% to Area 2-2
Small ¹	73%	27%
Large	52%	48%

c) Humptulips Fall Chinook. Fisheries shall be developed with the intent of achieving the following sharing of impacts within the recreational fishing sector:

Run Size	% to Freshwater	% to Area 2-2
Small	78%	22%
Large	63%	37%

Coho Salmon

Subject to the adaptive management provisions of this policy, the Department will manage coho salmon fisheries consistent with the Guiding Principles and the following objectives:

- 1) Fisheries will be managed with the intent of achieving escapement goals for wild and hatchery coho salmon. In no case, shall WDFW-managed fisheries result in an impact of more than 5% of the return when the natural-origin adult return exceeds the spawner objective by less than 10%.
- 2) The following guidelines describe the anticipated sharing of fishery impacts in the Grays Harbor Basin between marine recreational and freshwater recreational fisheries. Variation from these guidelines may occur if it will result in fisheries that more closely achieve the stated purpose of this policy.

a) Chehalis Coho. Fisheries shall be developed with the intent of achieving the following sharing of impacts within the recreational fishing sector:

Run Size	% to Freshwater	% to Area 2-2
Small	73%	27%
Large	55%	45%

b) Humptulips Coho. Fisheries shall be developed with the intent of achieving the following sharing of impacts within the recreational fishing sector:

Run Size	% to Freshwater	% to Area 2-2
Small	82%	18%
Large	66%	34%

¹ A small run is defined as a run size less than 110% of the spawner goal. A large run is defined as more than 182% of the spawner goal for fall Chinook salmon and more than 156% of the spawner goal for coho and chum salmon.

Chum Salmon

Subject to the adaptive management provisions of this policy, the Department will manage chum salmon fisheries consistent with the Guiding Principles and the following objectives:

- 1) Fisheries will be managed with the intent of achieving escapement goals for wild and hatchery chum salmon. In no case, shall WDFW-managed fisheries result in an impact of more than 5% of the return when the natural-origin adult return exceeds the spawner objective by less than 10%.
- 2) No fisheries directed at chum salmon shall occur unless the adult coho salmon return exceeds spawner objectives, or if coho salmon impacts remain after coho and Chinook salmon fisheries.
- 3) The following guidelines describe the anticipated sharing of fishery impacts between marine recreational and freshwater recreational fisheries. Variation from these guidelines may occur if it will result in fisheries that more closely achieve the stated purpose of this policy.
 - a) Fisheries shall be developed with the intent of achieving the following sharing of impacts within the recreational fishing sector:

Run Size	% to Freshwater	% to Area 2-2
Small	>98%	≤2%
Large	>98%	≤2%

Adaptive Management

The Commission recognizes that adaptive management will be essential to achieve the purpose of this policy. Department staff may implement actions to manage adaptively to achieve the objectives of this policy and will coordinate with the Commission, as needed, in order to implement corrective actions. Components of the adaptive management will be shared with the public through the agency web site and will include the following elements:

- 1) Annual Fishery Management Review. The Department shall annually evaluate fishery management tools and parameters and identify improvements as necessary to accurately predict fishery performance and escapement.

As a component of the annual fishery management review, the Department shall assess if spawner goals were achieved for Chehalis spring Chinook, Chehalis fall Chinook, Humptulips fall Chinook, Chehalis coho, Humptulips coho, and Grays Harbor chum salmon. If the number of natural-origin spawners was less than the goal in 3 out of the last 5 years (beginning in 2009), the Department shall implement the following measures:

- a) The predicted fishery impact for that stock in WDFW-managed fisheries in the Grays Harbor Basin will not exceed 5% of the adult return to Grays Harbor; and
 - b) If a spawner goal for fall Chinook salmon is not achieved, the Grays Harbor control zone² off of the mouth of Grays Harbor will be implemented no later than the second Monday in August and continue until the end of September.
- 2) Inseason Management. The Department shall develop, evaluate, and implement fishery management models, procedures, and management measures that are projected to enhance the effectiveness of fishery management relative to management based on preseason predictions.
 - 3) Spawner Goals. The Department shall review spawner goals to ensure that they reflect the current productivity of salmon. The review shall be initiated with Chinook salmon in 2014.

To promote improved management of chum salmon, the Department shall include in the 2015 annual review an evaluation of options to improve chum salmon stock assessments. The Department shall subsequently initiate in 2015 a review of the spawner goal for chum salmon.

Delegation of Authority

The Commission delegates the authority to the Director, through the North of Falcon stakeholder consultation process, to set seasons for recreational and WDFW-managed commercial fisheries in Grays Harbor, to adopt permanent and emergency regulations to implement these fisheries, and to make harvest agreements with treaty tribes and other government agencies.

² The Grays Harbor control zone is defined as an area at the entrance to Grays Harbor bounded by a line from the lighthouse 1 mile south of the south jetty to buoy #2 to buoy #3 to the tip of the north jetty to the tip of the exposed end of the south jetty.