

# Columbia Gorge Province

**Columbia Basin Fish and Wildlife Authority**

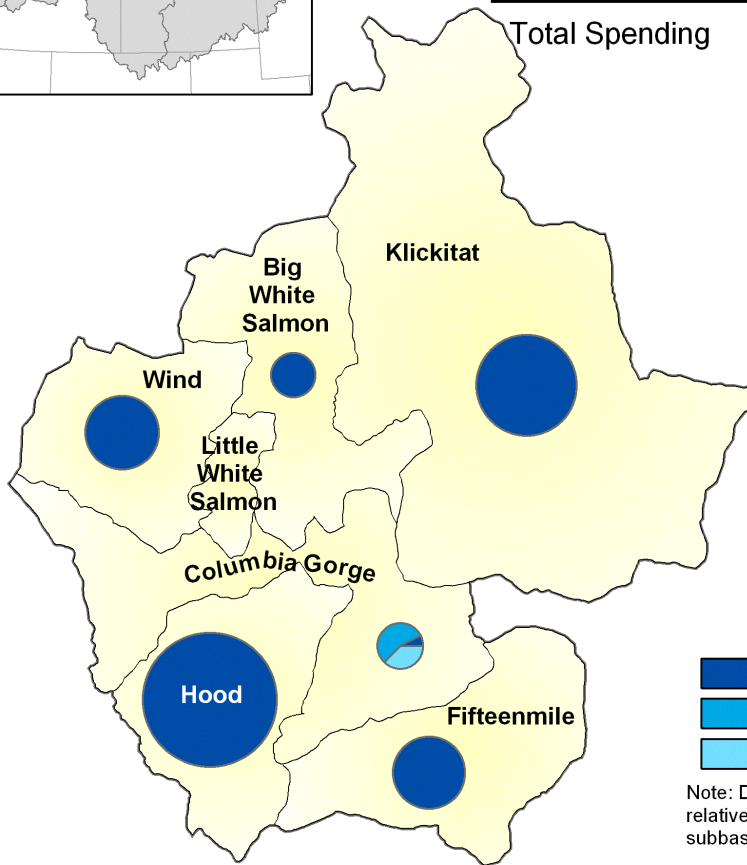


## Columbia Gorge Province

*BPA Spending, FY 2001-2004*

FY 2001	\$2,599,669
FY 2002	\$7,054,200
FY 2003	\$6,703,459
FY 2004	\$4,865,133

**Total Spending \$21,222,461**



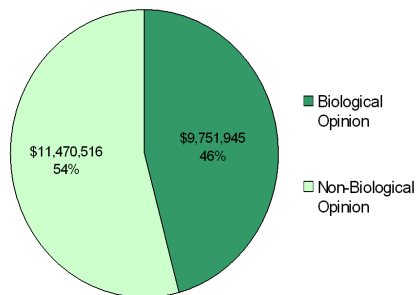
### Legend

- Anadromous (95%)
- Resident (3%)
- Wildlife (2%)

Note: Diameter of pie represents relative funding levels in each subbasin.

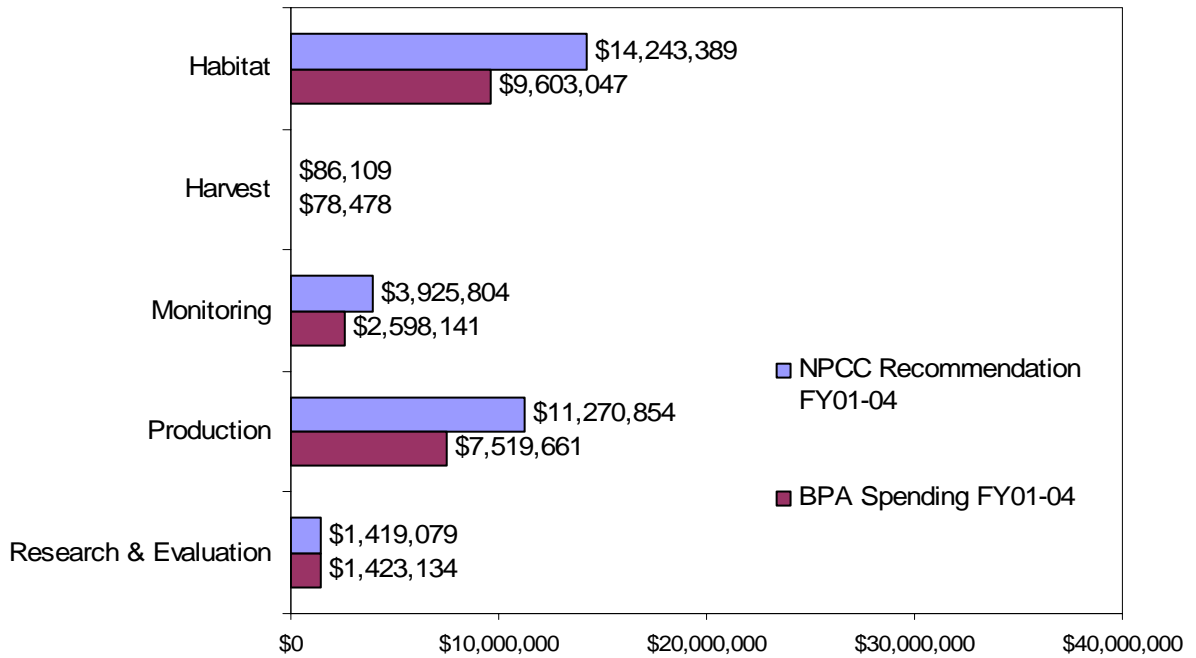
### Biological Opinion Funding, FY 2001-2004 NMFS & USFWS Designated Projects

	BiOp	Non BiOp
Big White Salmon	\$0	\$989,104
Columbia Gorge	\$531,525	\$507,144
Fifteenmile	\$943,279	\$1,636,293
Hood	\$4,310,387	\$4,574,280
Klickitat	\$1,267,203	\$3,763,695
Wind	\$2,699,551	\$0

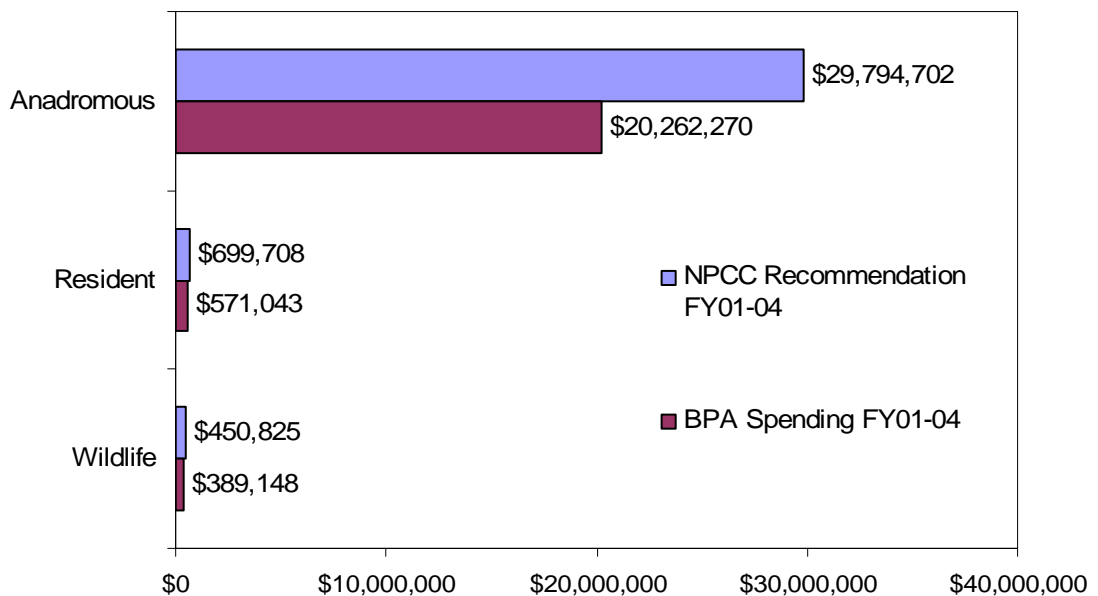


## Columbia Gorge Province FY 2001-2004 Spending Summaries

### NPCC Recommendations and BPA Spending by Project Category, FY01-04



### NPCC Recommendations and BPA Spending by Project Type, FY01-04



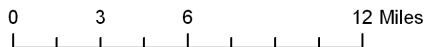
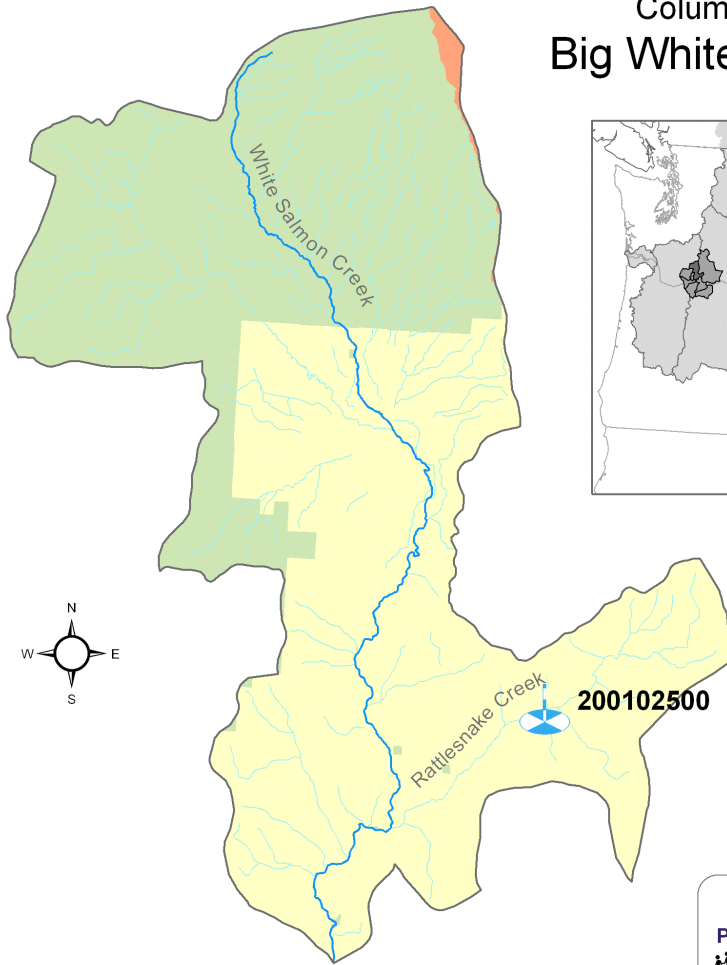
# Big White Salmon Subbasin



**Columbia Basin  
Fish and Wildlife Authority**

FY 2001-2004 NPCC Recommended and/or  
BPA Funded Fish & Wildlife Projects

## Columbia Gorge Province Big White Salmon Subbasin



Data Layers: Land Ownership (ICBEMP), 100k Hydrography (Streamnet), Urban Areas (State Data), Projects (CBFWA)  
 Projection: UTM 1983, Zone 11  
 Produced by: Columbia Basin Fish & Wildlife Authority  
 Map Date: 4/1/2005

**LEGEND**

<b>Project Category</b>		<b>Location Accuracy</b>	
Coordination	Province	Unfunded	
Data Management	Subbasin	Stream	
Habitat	Area	Point	
Harvest	Point		
Mainstem Survival			
Monitoring			
Production			
Research & Evaluation			

**Project Labels**

Biological Opinion      Non Biological Opinion

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**Land Use/Ownership**

Federal	Tribal	State	Local	Private	Urban
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## Projects in the Big White Salmon Subbasin

<i>Project ID</i>	<i>Project Title</i>				<i>Review Cycle</i>		<i>BiOp?</i>	
<i>200102500</i>	<i>Assess current and potential salmonid production in Rattlesnake Creek associated with restoration efforts</i>				<i>Columbia Gorge</i>		<i>no</i>	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$227,951	\$255,921	\$252,884	\$252,884	Anadromous	Monitoring	stream
	BPA Spent	\$48,233	\$446,639	\$255,438	\$238,794			

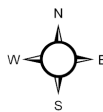
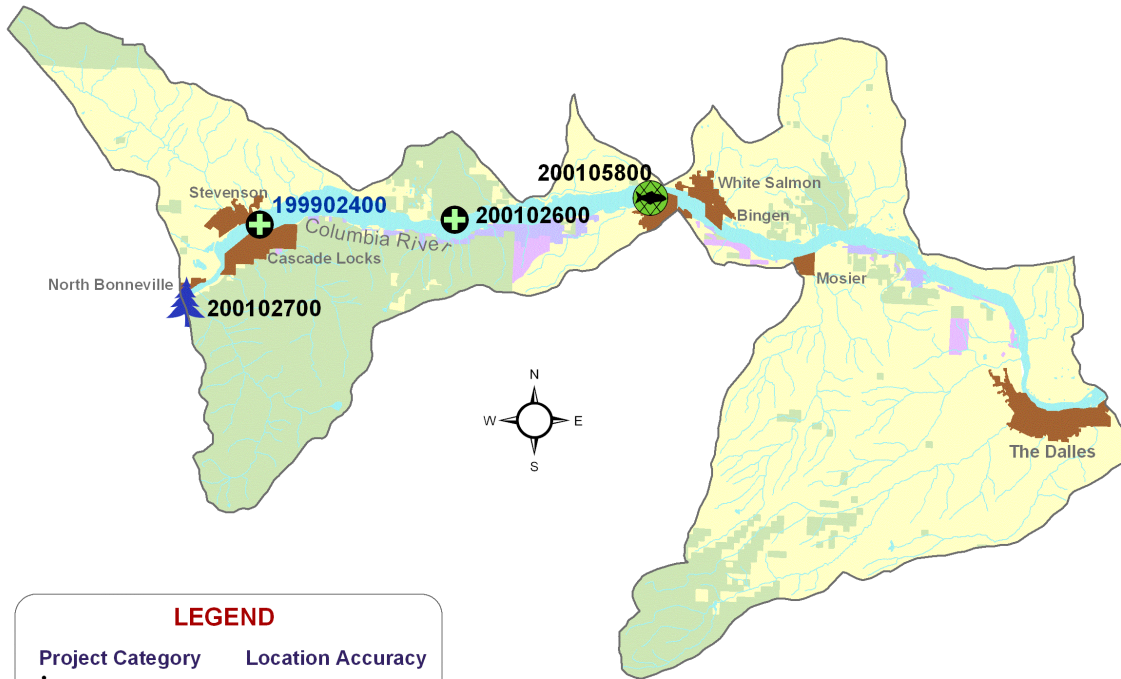
Projects in *italics* have preliminary results data included in Volume I.

# Columbia Gorge Subbasin



FY 2001-2004 NPCC Recommended and/or  
BPA Funded Fish & Wildlife Projects

Columbia Gorge Province  
Columbia Gorge Subbasin



### LEGEND

Project Category		Location Accuracy	
	Coordination		Funded
	Data Management		Unfunded
	Habitat		Province
	Harvest		Subbasin
	Mainstem Survival		Stream
	Monitoring		Area
	Production		Point
	Research & Evaluation		

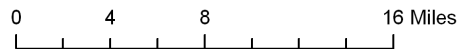
**Project Labels**

Biological Opinion      Non Biological Opinion

**Land Use/Ownership**

Federal	Tribal	State	Local	Private	Urban



Data Layers: Land Ownership (ICBEMP), 100k Hydrography (Streamnet), Urban Areas (State Data), Projects (CBFWA)  
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Map Date: 4/1/2005

## Projects in the Columbia Gorge Subbasin

<i>Project ID</i>	<i>Project Title</i>				<i>Review Cycle</i>		<i>BiOp?</i>	
199902400	<i>Bull trout population assessment in the Columbia River Gorge, WA</i>				Columbia Gorge		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$155,938	\$186,000	\$159,000	\$159,000	Resident	Research & Evaluation	province
	BPA Spent	\$99,701	\$205,281	\$127,562	\$98,981			
200102600	Evaluate Status of Coastal Cutthroat Trout in the Columbia River Basin above Bonneville Dam				Columbia Gorge		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$39,770	\$ 0	\$ 0	\$ 0	Resident	Research & Evaluation	province
	BPA Spent	\$ 0	\$33,551	\$5,967	\$ 0			
200102700	Western Pond Turtle Recovery - Columbia River Gorge				Columbia Gorge		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$167,025	\$104,600	\$89,600	\$89,600	Wildlife	Habitat	area
	BPA Spent	\$8,972	\$143,448	\$154,802	\$81,926			
200105800	Locate, Mark, and Removal of Lost "Ghost" Fishing Nets in Selected Columbia River Reservoirs: A Feasibility Study				FY 2001 Action Plan		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$86,109	\$ 0	\$ 0	\$ 0	Anadromous	Harvest	subbasin
	BPA Spent	\$ 0	\$27,265	\$51,213	\$ 0			

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## Projects in the Fifteenmile Subbasin

<i>Project ID</i>	<i>Project Title</i>					<i>Review Cycle</i>		<i>BiOp?</i>
199304000	<i>Fifteenmile Creek Habitat Restoration Project (Request For Multi-Year Funding)</i>					<i>Columbia Gorge</i>		<i>yes</i>
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$220,040	\$223,371	\$226,702	\$225,220	Anadromous	Habitat	subbasin
	BPA Spent	\$71,123	\$186,814	\$228,884	\$225,613			
199304001	15-Mile Creek Steelhead Smolt Production					Columbia Gorge		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$33,704	\$ 0	\$ 0	\$ 0	Anadromous	Habitat	stream
	BPA Spent	\$1,677	\$15,013	\$2,000	(\$2,000)			
199900800	Columbia Plateau Water Right Acquisition Program					Columbia Plateau		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$140,000	\$144,760	\$ 0	\$ 0	Anadromous	Habitat	subbasin
	BPA Spent	\$43,587	\$189,896	\$229,094	\$ 0			
200102000	<i>Fifteenmile Creek Riparian Fencing / Physical stream Survey Project</i>					<i>Columbia Gorge</i>		<i>no</i>
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$151,685	\$157,579	\$162,579	\$152,673	Anadromous	Habitat	stream
	BPA Spent	\$5,512	\$114,033	\$187,237	\$108,313			
200102100	<i>Riparian Buffers</i>					<i>Columbia Gorge</i>		<i>yes</i>
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$73,414	\$75,616	\$77,884	\$77,884	Anadromous	Habitat	subbasin
	BPA Spent	\$16,271	\$76,313	\$71,767	\$66,494			
200102200	<i>Accelerate the Application of Integrated Fruit Management to Reduce the Risk of Pesticide Pollution in Fifteen-mile Sub-basin Orchards</i>					<i>Columbia Gorge</i>		<i>no</i>
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$146,100	\$168,410	\$168,410	\$127,058	Anadromous	Habitat	stream
	BPA Spent	\$27,941	\$126,363	\$300,423	\$114,485			
200102300	Fifteenmile Subbasin Water Right Acquisition Program					Columbia Gorge		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$32,000	\$41,775	\$54,225	\$ 0	Anadromous	Habitat	subbasin
	BPA Spent	\$ 0	\$157,397	\$15,323	\$ 0			

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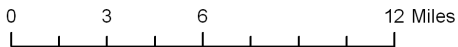
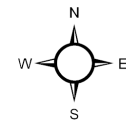
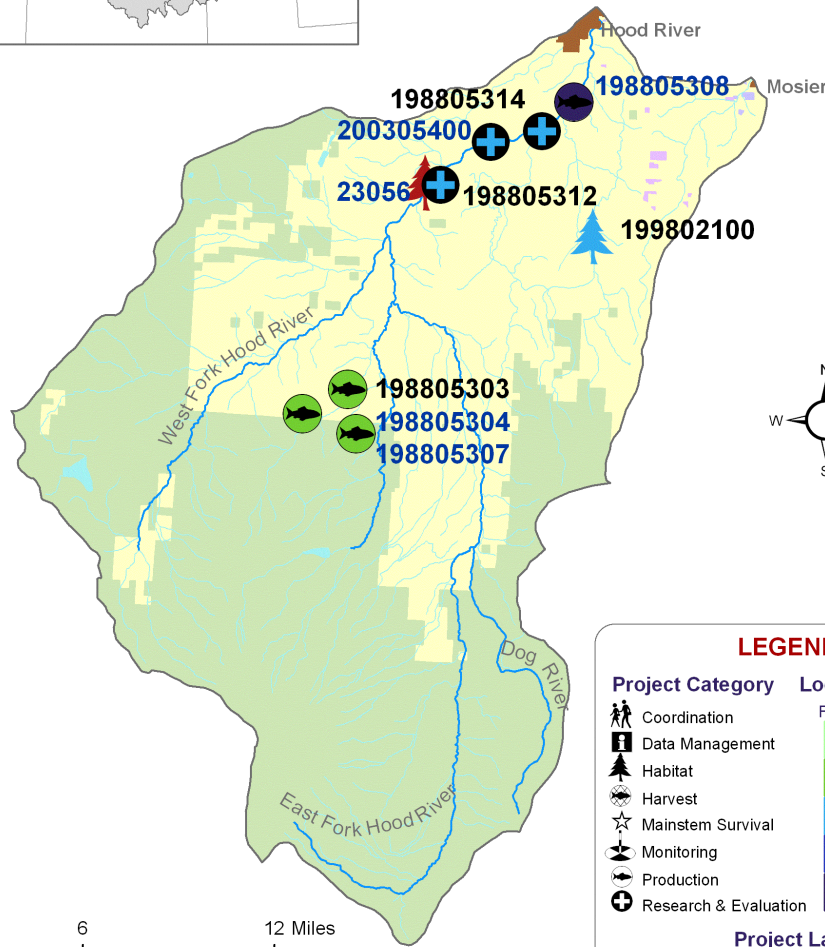
# Hood Subbasin



FY 2001-2004 NPCC Recommended and/or BPA Funded Fish & Wildlife Projects



## Columbia Gorge Province Hood Subbasin



Data Layers: Land Ownership (ICBEMP), 100k Hydrography (Streamnet), Urban Areas (State Data), Projects (CBFWA)  
 Projection: UTM 1983, Zone 11  
 Produced by: Columbia Basin Fish & Wildlife Authority  
 Map Date: 4/2/2005

**LEGEND**

Project Category		Location Accuracy	
		Funded	Unfunded
	Coordination		
	Data Management		
	Habitat		
	Harvest		
	Mainstem Survival		
	Monitoring		
	Production		
	Research & Evaluation		

**Project Labels**

Biological Opinion      Non Biological Opinion

**Land Use/Ownership**

Federal	Tribal	State	Local	Private	Urban

## Projects in the Hood Subbasin

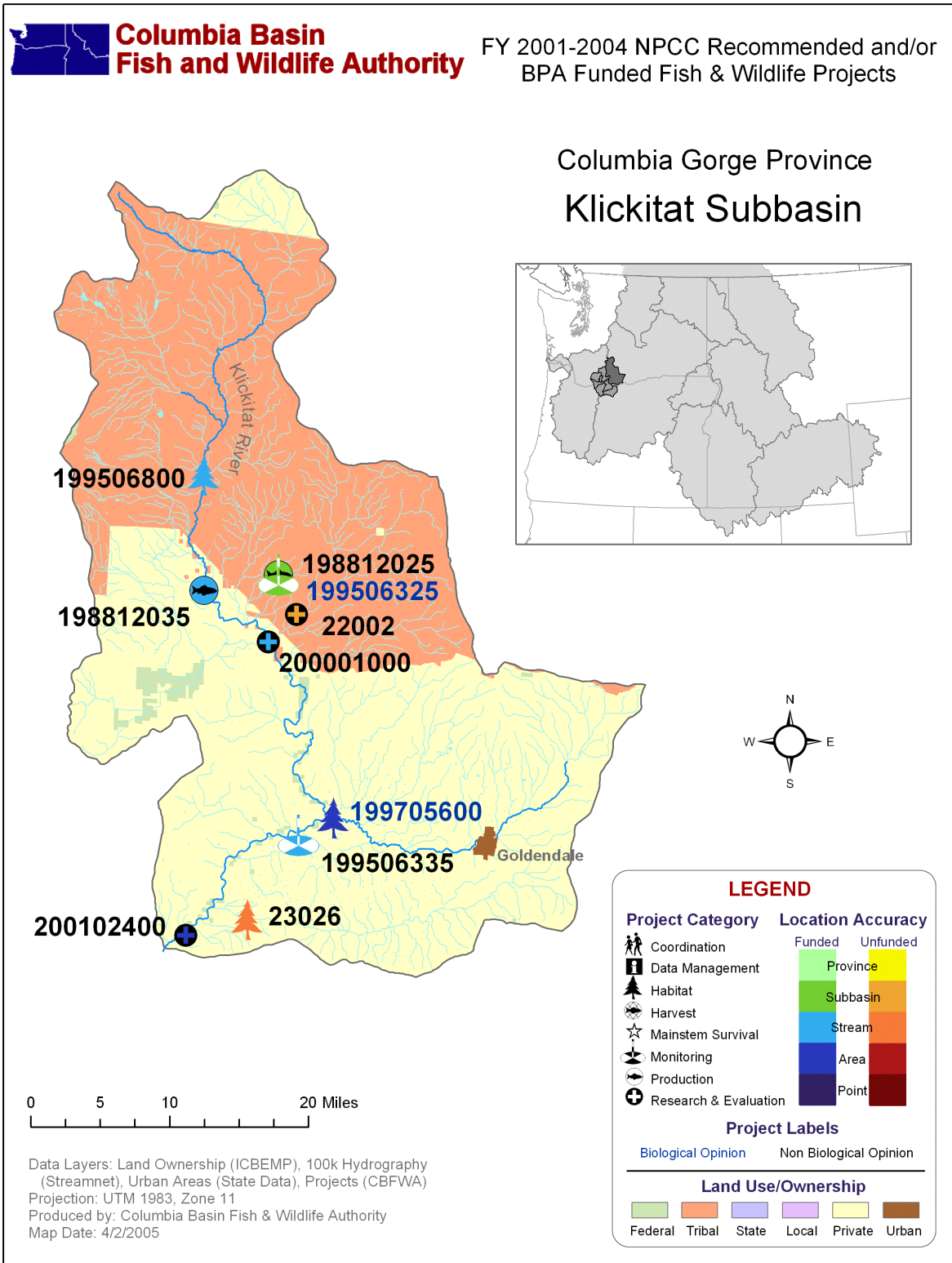
<i>Project ID</i>	<i>Project Title</i>					<i>Review Cycle</i>		<i>BiOp?</i>
23056	Farmers Irrigation District Mainstem Hood River Fish Screen Project					FY 2001 High Priority		yes
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$500,000	\$ 0	\$ 0	\$ 0	Anadromous	Habitat	area
	BPA Spent	\$ 0	\$ 0	\$ 0	\$ 0			
<i>198805303</i>	<i>Hood River Production Program - CTWSRO M&amp;E</i>					<i>Columbia Gorge</i>		<i>no</i>
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$519,959	\$540,000	\$560,000	\$516,646	Anadromous	Production	subbasin
	BPA Spent	\$496,571	\$547,216	\$496,584	\$358,421			
<i>198805304</i>	<i>Hood River Production Program - ODFW M&amp;E</i>					<i>Columbia Gorge</i>		<i>yes</i>
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$431,331	\$438,000	\$452,000	\$415,000	Anadromous	Production	subbasin
	BPA Spent	\$421,540	\$295,320	\$575,916	\$391,346			
198805307	Hood River Production Program: Powerdale, Parkdale, Oak Springs O&M (88-053-07 & 88-053-08)					Columbia Gorge		yes
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$727,733	\$949,198	\$3,119,722	\$939,000	Anadromous	Production	subbasin
	BPA Spent	\$537,985	\$678,579	\$854,294	\$140,559			
198805308	Hood River - Powerdale/Oak Springs O&M - ODFW					Not Reviewed		yes
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$75,627	Anadromous	Production	point
	BPA Spent	\$ 0	\$ 0	\$ 0	\$236,879			
198805312	Hood River Steelhead Genetic					Columbia Gorge		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Research & Evaluation	stream
	BPA Spent	\$ 0	\$ 0	\$96,883	(\$1,011)			
198805314	Hood River Program Review					Columbia Gorge		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Research & Evaluation	stream
	BPA Spent	\$ 0	\$ 0	\$252,904	\$ 0			

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**Projects in the Hood Subbasin, continued...**

<i>Project ID</i>	<i>Project Title</i>					<i>Review Cycle</i>		<i>BiOp?</i>
199802100	Hood River Fish Habitat Project					Columbia Gorge		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$299,953	\$700,000	\$700,000	\$699,626	Anadromous	Habitat	stream
	BPA Spent	\$47,329	\$1,001,053	\$668,522	\$609,809			
200305400	Reproduction of Steelhead in Hood River					FY 2003 RFS		yes
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Research & Evaluation	stream
	BPA Spent	\$ 0	\$ 0	\$ 0	\$177,968			

# Klickitat Subbasin



## Projects in the Klickitat Subbasin

<i>Project ID</i>	<i>Project Title</i>					<i>Review Cycle</i>		<i>BiOp?</i>
22002	Influences of Stocking Salmon Carcass Analogs on Salmonids in Columbia River Tributaries					FY 2001 Innovative		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$399,829	\$ 0	\$ 0	\$ 0	Anadromous	Research & Evaluation	subbasin
	BPA Spent	\$ 0	\$ 0	\$ 0	\$ 0			
23026	Klickitat Basin Key Habitat Acquisition					FY 2001 Action Plan		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$3,000,000	\$ 0	\$ 0	\$ 0	Anadromous	Habitat	stream
	BPA Spent	\$ 0	\$ 0	\$ 0	\$ 0			
198812025	Yakima/Klickitat Fisheries Project (YKFP) Management					Columbia Gorge		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$363,510	\$391,780	\$415,674	\$ 0	Anadromous	Production	subbasin
	BPA Spent	\$119,870	\$548,773	\$274,134	\$ 0			
198812035	Klickitat Fishery Mgmt, Data/Habitat Project					Columbia Gorge		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$415,674	Anadromous	Production	stream
	BPA Spent	\$ 0	\$ 0	\$160,371	\$385,302			
199506325	<i>Yakima/Klickitat Fisheries Project Monitoring and Evaluation</i>					Columbia Gorge		yes
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$447,723	\$474,586	\$545,773	\$ 0	Anadromous	Monitoring	subbasin
	BPA Spent	\$ 0	\$ 0	\$ 0	\$ 0			
199506335	Klickitat Fishery YKFP M & E					Columbia Gorge		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$447,723	\$474,586	\$ 0	\$545,773	Anadromous	Monitoring	stream
	BPA Spent	\$ 0	\$596,571	\$508,693	\$503,774			
199506800	Klickitat Passage/Habit Design					FY 1999		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$844,350	Anadromous	Habitat	stream
	BPA Spent	\$76,816	\$ 0	\$264,044	\$ 0			

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## Projects in the Klickitat Subbasin, continued...

<i>Project ID</i>	<i>Project Title</i>				<i>Review Cycle</i>		<i>BiOp?</i>	
<i>199705600</i>	<i>Lower Klickitat Riparian and In-Channel Habitat Enhancement Project</i>				<i>Columbia Gorge</i>		<i>yes</i>	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$313,318	\$379,727	\$397,414	\$397,414	Anadromous	Habitat	area
	BPA Spent	\$62,451	\$360,707	\$318,006	\$526,039			
200001000	Klickitat River Sub Basin Review				FY 2000		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Research & Evaluation	stream
	BPA Spent	\$ 0	\$14,484	\$12,434	\$ 0			
200102400	Determination of difficult passage areas, migration patterns and energetic use of upriver migrating salmon and steelhead				Columbia Gorge		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$319,542	\$ 0	\$ 0	\$ 0	Anadromous	Research & Evaluation	area
	BPA Spent	\$ 0	\$283,593	\$14,836	\$ 0			

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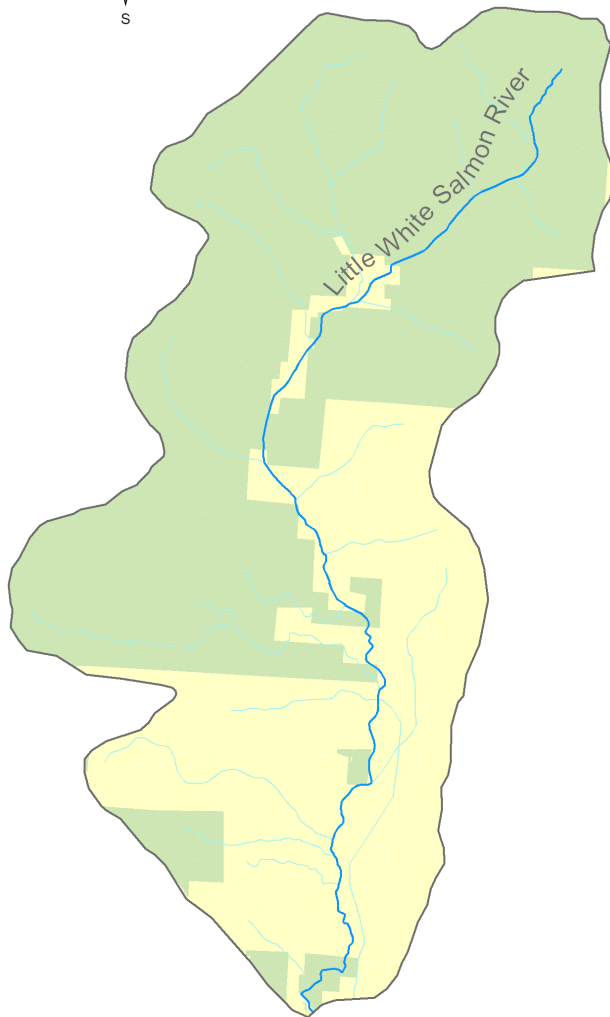
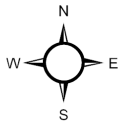
# Little White Salmon Subbasin



**Columbia Basin  
Fish and Wildlife Authority**

FY 2001-2004 NPCC Recommended and/or  
BPA Funded Fish & Wildlife Projects

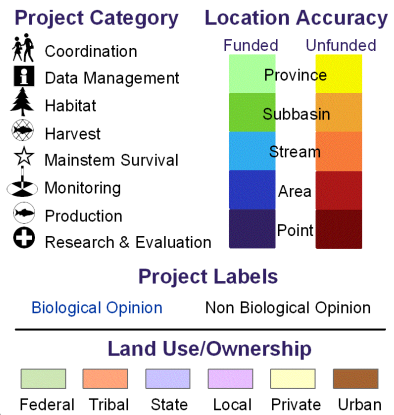
## Columbia Gorge Province Little White Salmon Subbasin



0 2 4 8 Miles

Data Layers: Land Ownership (ICBEMP), 100k Hydrography (Streamnet), Urban Areas (State Data), Projects (CBFWA)  
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Map Date: 4/2/2005

### LEGEND



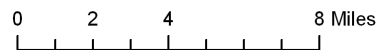
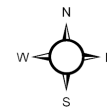
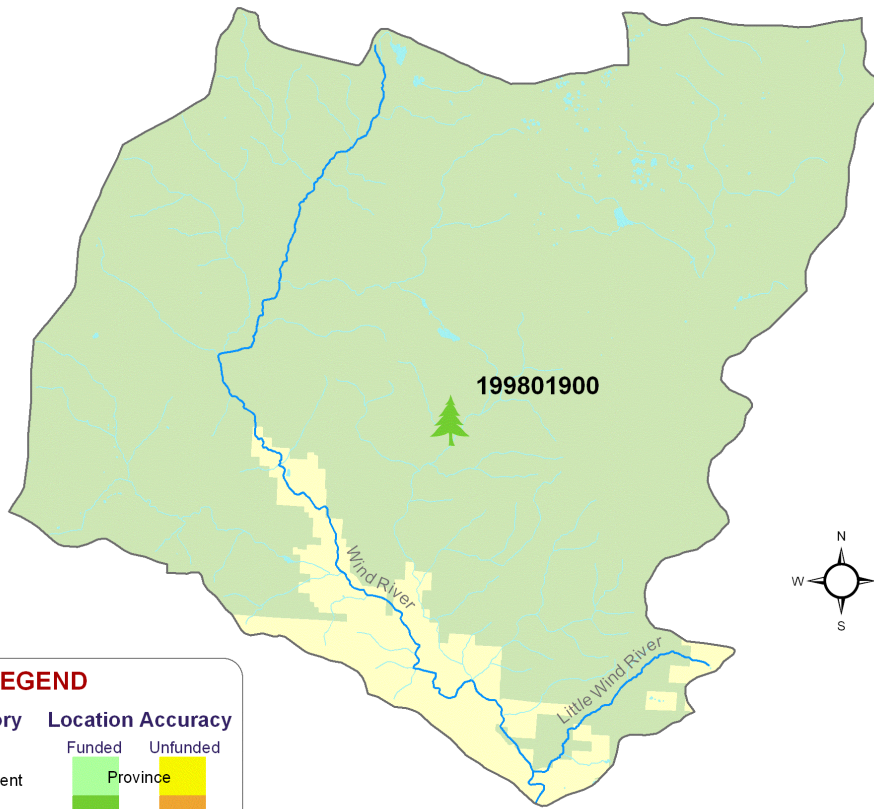


# Wind Subbasin



FY 2001-2004 NPCC Recommended and/or BPA Funded Fish & Wildlife Projects

Columbia Gorge Province  
Wind Subbasin



**LEGEND**

<b>Project Category</b>	<b>Location Accuracy</b>
Coordination	Funded
Data Management	Unfunded
Habitat	Province
Harvest	Subbasin
Mainstem Survival	Stream
Monitoring	Area
Production	Point
Research & Evaluation	

**Project Labels**

Biological Opinion    Non Biological Opinion

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**Land Use/Ownership**

Federal	Tribal	State	Local	Private	Urban
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Data Layers: Land Ownership (ICBEMP), 100k Hydrography (Streamnet), Urban Areas (State Data), Projects (CBFWA)  
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## Projects in the Wind Subbasin

<i>Project ID</i>	<i>Project Title</i>				<i>Review Cycle</i>		<i>BiOp?</i>	
199801900	Wind River Watershed Restoration				Columbia Gorge		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$658,532	\$702,237	\$659,452	\$659,452	Anadromous	Habitat	subbasin
	BPA Spent	\$514,090	\$1,005,891	\$576,128	\$603,442			

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