Lower Gorg Tributaries - OR

Accessibility

Current accessibility

Historical accessibility

Above natural barriers

0 2.5 5 7.5 10

Km

Columbia River Chum

Bonneville Dam

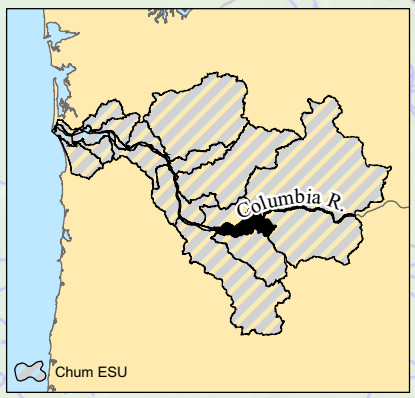
Tanner Creek

Horsetail Creek

Multnomah Creek

Coopey Creek

Latourell Creek



Accessibility	Stream km	% total
Current accessibility	24	100
Historical accessibility	24	100
Above natural barriers	0	0
Total streams	24	
Current / Historical		**100**

1:210,000

Lower Gorge Tributaries

Lower Gorg Tributaries - OR

Accessibility

Current accessibility

Historical accessibility

Above natural barriers

0 2.5 5 7.5 10

Km

Lower Columbia River Coho
Lower Columbia River Fall Chinook

Bonneville Dam

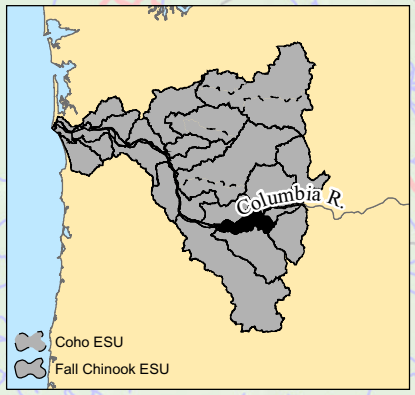
Tumalt Creek

Horsetail Creek

Multnomah Creek

Coopey Creek

Latourell Creek



Accessibility	Stream km	% total
Current accessibility	48	100
Historical accessibility	48	100
Above natural barriers	0	0
Total streams	48	
Current / Historical		**100**

1:210,000

Lower Gorg Tributaries - OR

Accessibility

Current accessibility

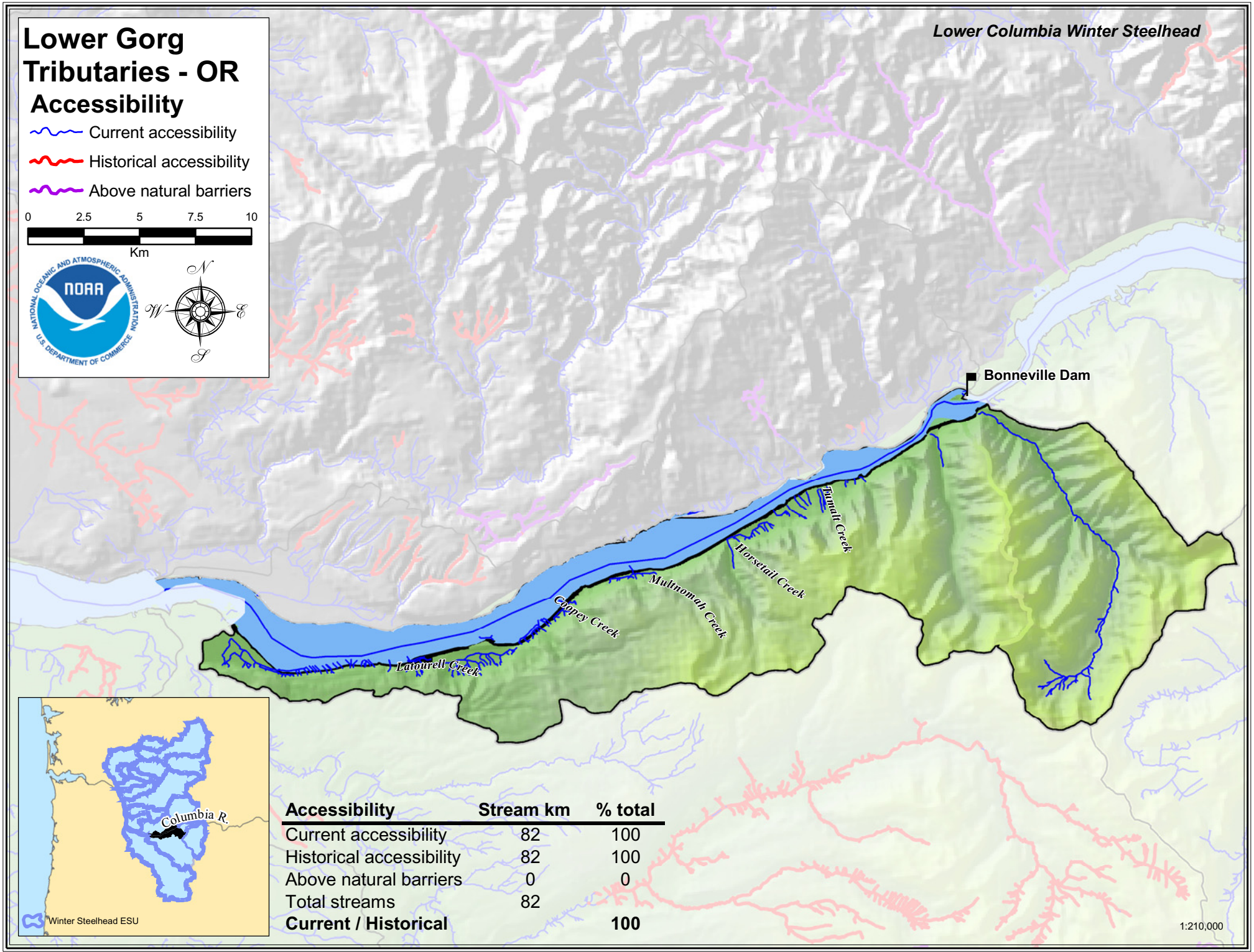
Historical accessibility

Above natural barriers

0 2.5 5 7.5 10

Km

Lower Columbia Winter Steelhead



Accessibility	Stream km	% total
Current accessibility	82	100
Historical accessibility	82	100
Above natural barriers	0	0
Total streams	82	
Current / Historical		**100**

1:210,000

Lower Gorge Tributaries

Lower Gorg Tributaries - OR

ODFW Distribution

Use type

- Spawning and rearing
- Rearing and migration
- Migration
- Previous/Historical
- Present, unknown use
- Absent
- Disputed

0 2.5 5 7.5 10

Km

NOAA NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION U.S. DEPARTMENT OF COMMERCE

N W E S

Lower Columbia Coho

Bonneville Dam

Columbia River

Latourell Creek

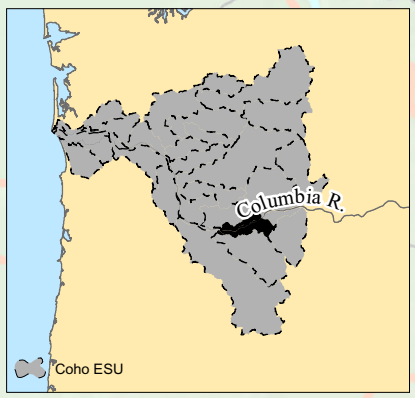
Coopey Creek

Multnomah Creek

Horsetail Creek

Tumalt Creek

Eagle Creek



Use type	Stream km	% total
Spawning and rearing	11	6
Rearing and migration	8	4
Previous / historical	3	2
Total use	22	12
Total 100k streams	**186**	**100**

1:210,000

Lower Gorg Tributaries - OR

ODFW Distribution

Use type

- Spawning and rearing
- Rearing and migration
- Migration
- Previous/Historical
- Present, unknown use
- Absent
- Disputed

0 2.5 5 7.5 10

Km

Lower Columbia Fall Chinook

Bonneville Dam

Columbia River

Latourell Creek

Coopey Creek

Multnomah Creek

Horsetail Creek

Tumalt Creek

Eagle Creek

Use type	Stream km	% total
Spawning and rearing	7	4
Rearing and migration	9	5
Previous / historical	3	2
Total use	19	10
Total 100k streams	**186**	**100**

1:210,000

Lower Gorge Tributaries

Lower Gorg Tributaries - OR

ODFW Distribution

Use type

- Spawning and rearing
- Rearing and migration
- Migration
- Previous/Historical
- Present, unknown use
- Absent
- Disputed

0 2.5 5 7.5 10

Km

Lower Columbia Winter Steelhead

Bonneville Dam

Columbia River

Latourell Creek

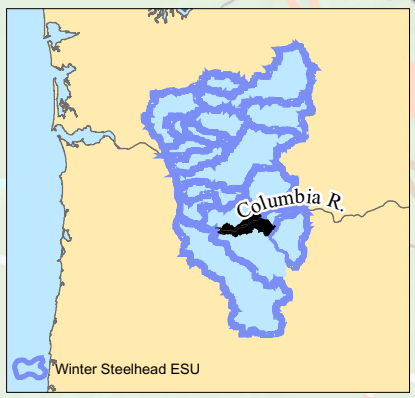
Coopey Creek

Multnomah Creek

Horsetail Creek

Tunnel Creek

Eagle Creek



Use type	Stream km	% total
Spawning and rearing	11	6
Rearing and migration	8	4
Migration	10	5
Previous / historical	3	2
Total use	31	17
Total 100k streams	**186**	**100**

1:210,000

Lower Gorg Tributaries - OR

2000 HU Population Density

- 0 - 6
- 7 - 17
- 18 - 33
- 34 - 77
- 78 - 126
- 127 - 275
- 276 - 806
- 807 - 1505
- 1506 - 3002

0 2.5 5 7.5 10

Km

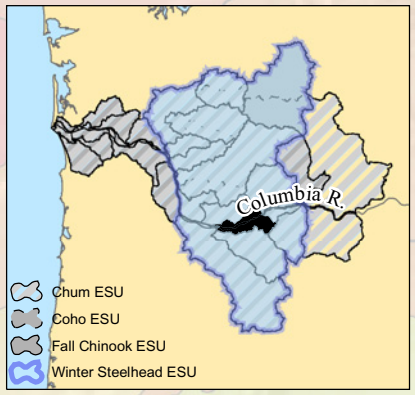
NOAA NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION U.S. DEPARTMENT OF COMMERCE

N W E S

Columbia River Chum
Lower Columbia Coho
Lower Columbia Fall Chinook
Lower Columbia Winter Steelhead

Bonneville Dam

Columbia River
Latourell Creek
Young Creek
Coopey Creek
Bridal Veil Creek
Multnomah Creek
Horsetail Creek
Oneonta Creek
Tumalt Creek
Tanner Creek
Opal Creek
Eagle Creek
East Fork Eagle Creek



Year	Total Human Population / Square Km	Total Human Population	% Increase
2000	4	944	
2040	5	1,202	27

1:210,000

Lower Gorge Tributaries

Lower Gorg Tributaries - OR

Land Cover

- Lakes and streams
- Ice and snow
- Rock, sand, or clay
- Sparse vegetation
- Grassland
- Developed
- Forest and shrubs
- Agriculture
- Wetlands

0 2.5 5 7.5 10

Km

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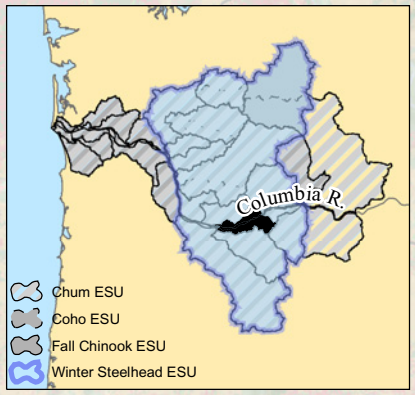


Land Cover	Watershed Polygon Square Km	% Area
Lakes and streams	1	<1
Rock, sand and clay	3	1
Sparse vegetation	2	1
Grasslands	4	2
Developed	2	1
Forest and shrubs	249	93
Agriculture	4	1
Wetlands	1	<1
Total	**267**	**100**

1:210,000

Lower Gorg Tributaries - OR

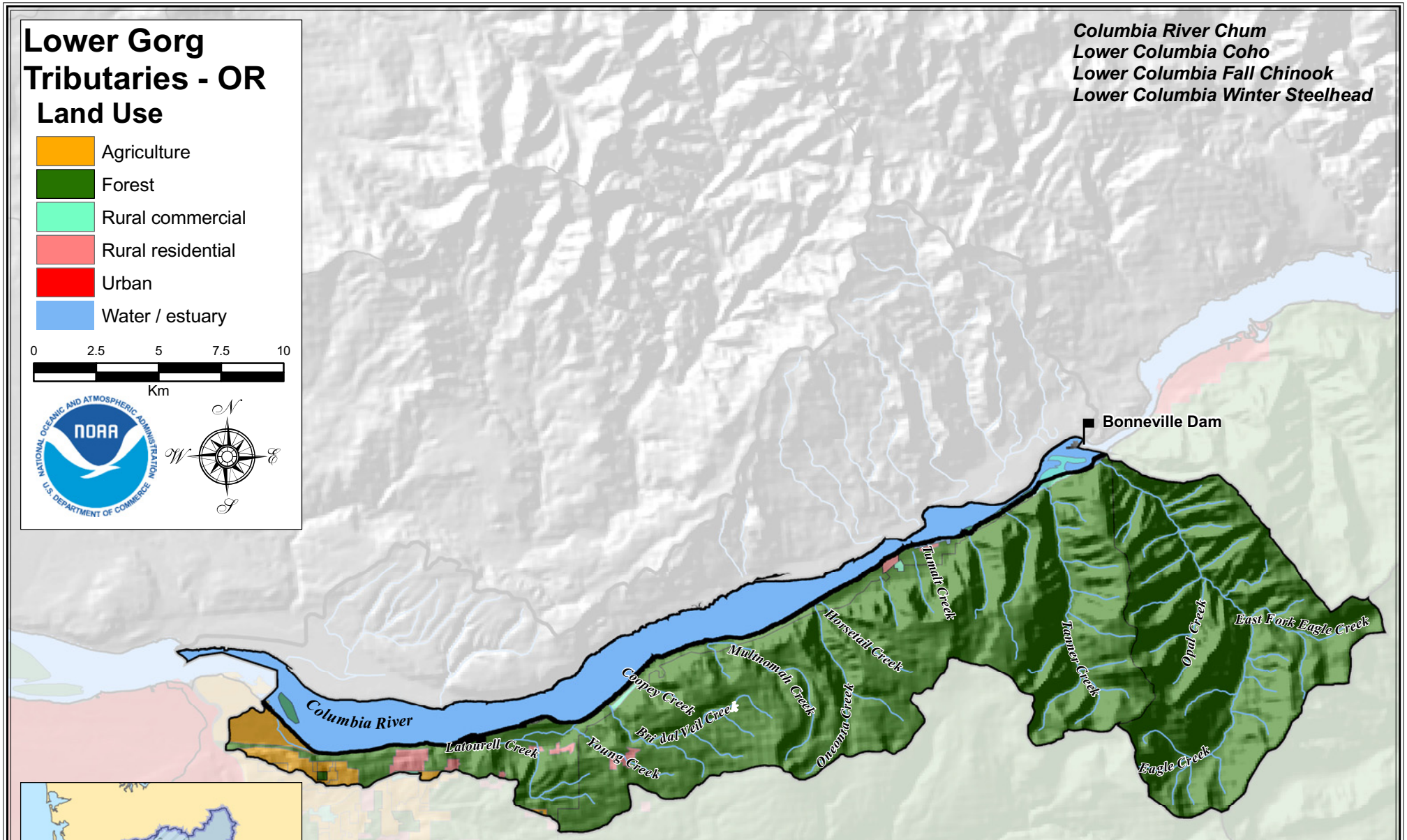
Land Use

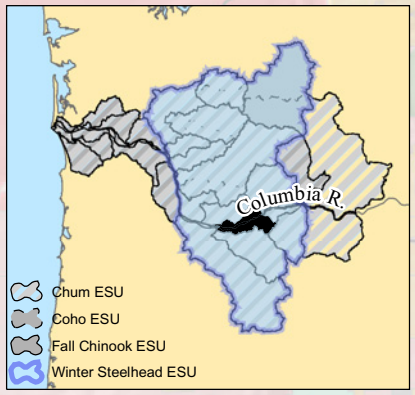
- Agriculture
- Forest
- Rural commercial
- Rural residential
- Urban
- Water / estuary

0 2.5 5 7.5 10

Km

Columbia River Chum
Lower Columbia Coho
Lower Columbia Fall Chinook
Lower Columbia Winter Steelhead





Land Use	Watershed Polygon Square Km	% Area
Agriculture	7	3
Forestry	255	96
Rural residential	3	1
Rural service center	1	<1
Water	<1	<1
Total	**266**	**100**

1:210,000

Lower Gorge Tributaries

Lower Gorg Tributaries - OR

Ownership

- County
- Federal
- Private
- State

0 2.5 5 7.5 10

Km

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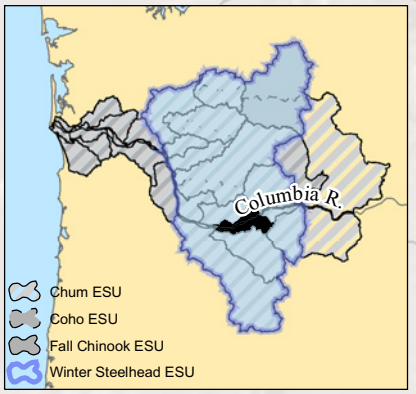
Eagle Creek



Ownership	Watershed Polygon Square Km	% Area
County	<1	<1
Federal	204	77
Private	47	18
State	14	5
Total	**265**	**100**

1:210,000

Lower Gorg Tributaries - OR

Riparian Condition

- Functional
- Impaired
- Moderately Impaired
- Water

0 2.5 5 7.5 10

Km

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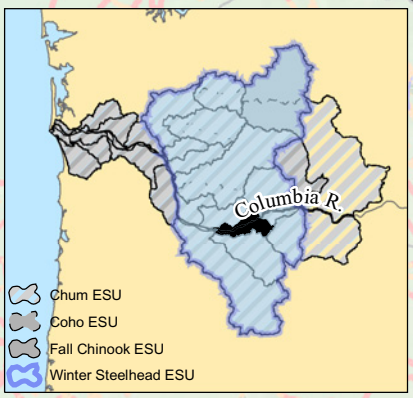

Riparian condition	Stream km	% total
Functional	57	71
Impaired	8	10
Moderately impaired	14	18
Water	1	1
Total	**80**	**100**

1:210,000

Lower Gorge Tributaries

Lower Gorg Tributaries - OR

Water Rights

Max rate cfs

- 0.0008 - 4.17
- 4.17 - 11.625
- 11.625 - 23.965
- 23.965 - 42.372
- 42.372 - 76.195
- 76.195 - 201.807
- 201.808 - 345.248
- 345.248 - 902.158
- 902.158 - 4600

0 2.5 5 7.5 10

Km

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N W E S

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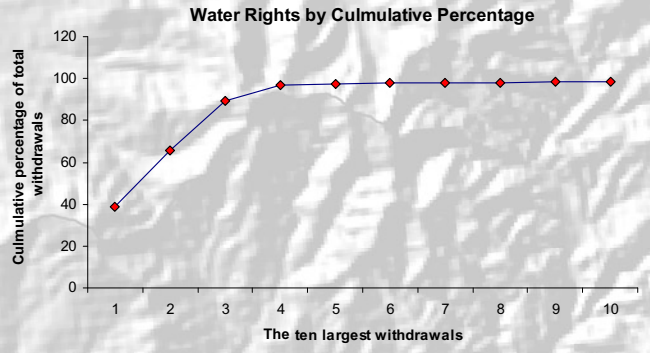
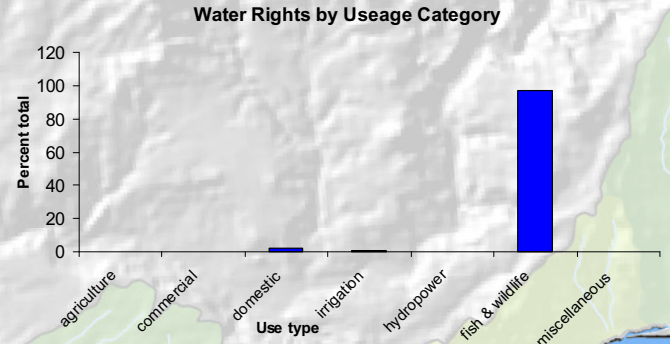




Bonneville Dam

Columbia River

Latourell Creek

Coopey Creek

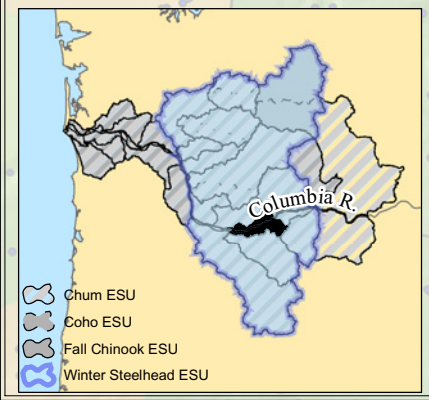
Multnomah Creek

Horsetail Creek

Tumalt Creek

Tanner Creek

Opal Creek



Max rate cfs

- 0.005 - 0.075
- 0.075 - 0.25
- 0.25 - 0.5
- 0.5 - 10
- 10 - 50

Total max rate for population equals 129 cfs.

1:210,000