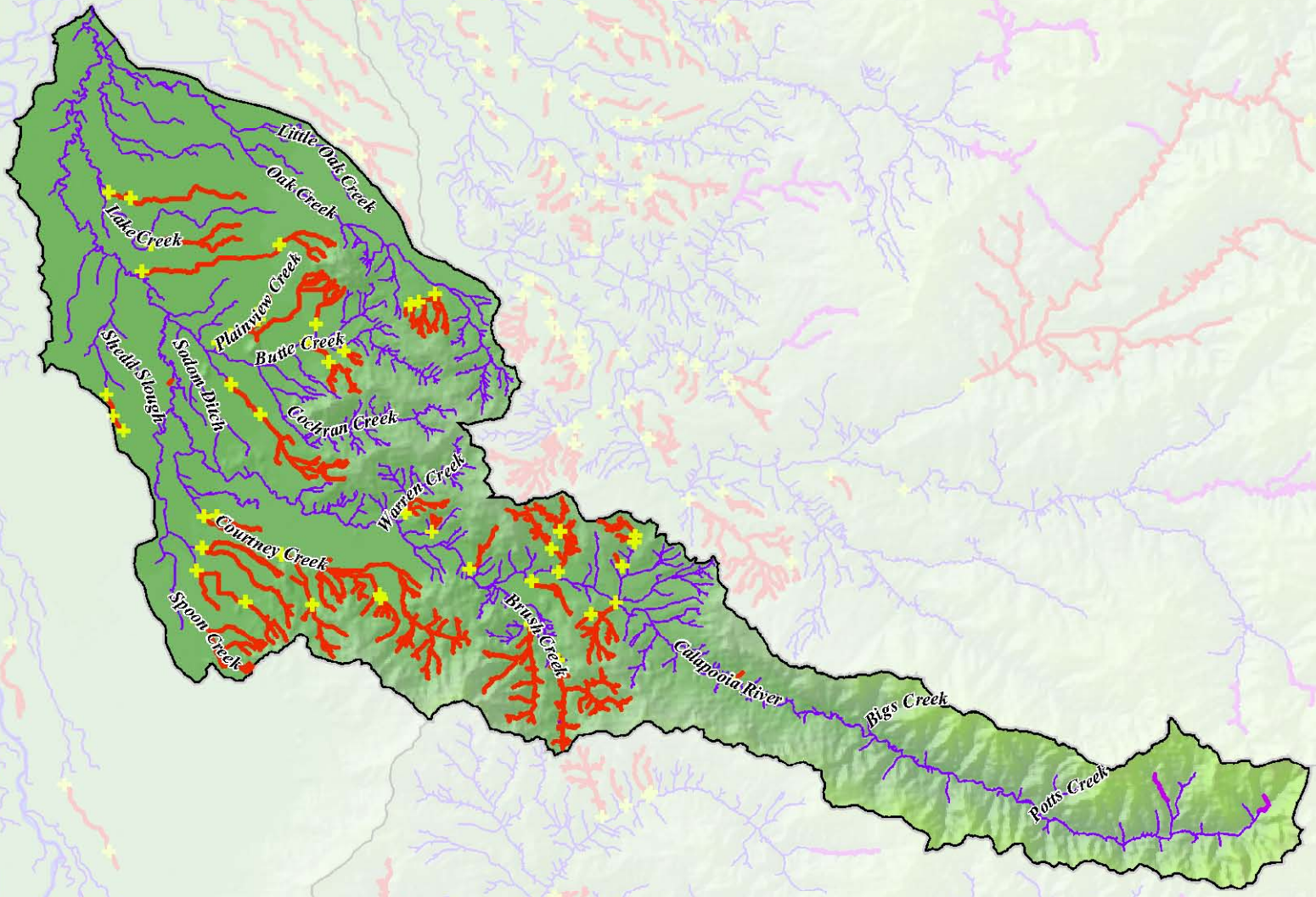
Calapooia River

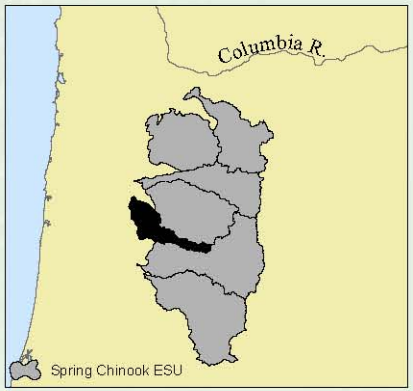
Accessibility

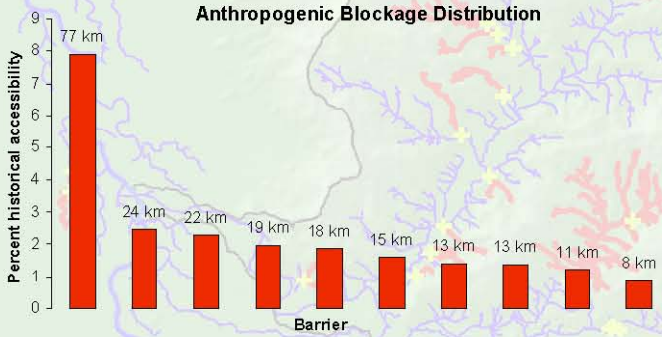
Current accessibility
Historical accessibility
Above natural barriers

0 4 8 12 16
Km

Upper Willamette Spring Chinook Salmon







Accessibility	Stream km	% total
Current accessibility	665	67
Historical accessibility	983	99.7
Above natural barriers	3	<1
Total streams	986	
Current / Historical		**68**

1:340,000

Calapooia River

Calapooia River

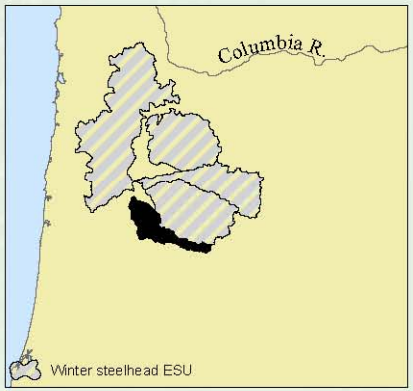
Accessibility

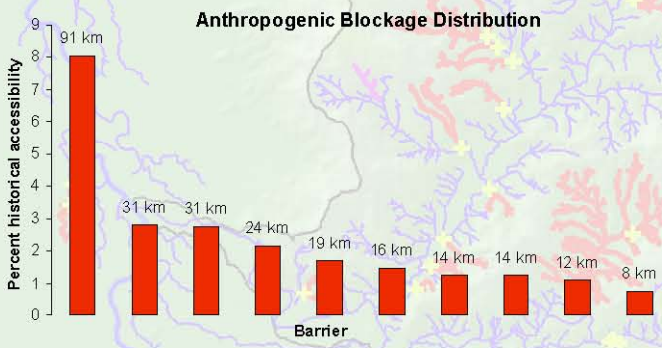
Current accessibility
Historical accessibility
Above natural barriers

0 4 8 12 16
Km

Upper Willamette Winter Steelhead

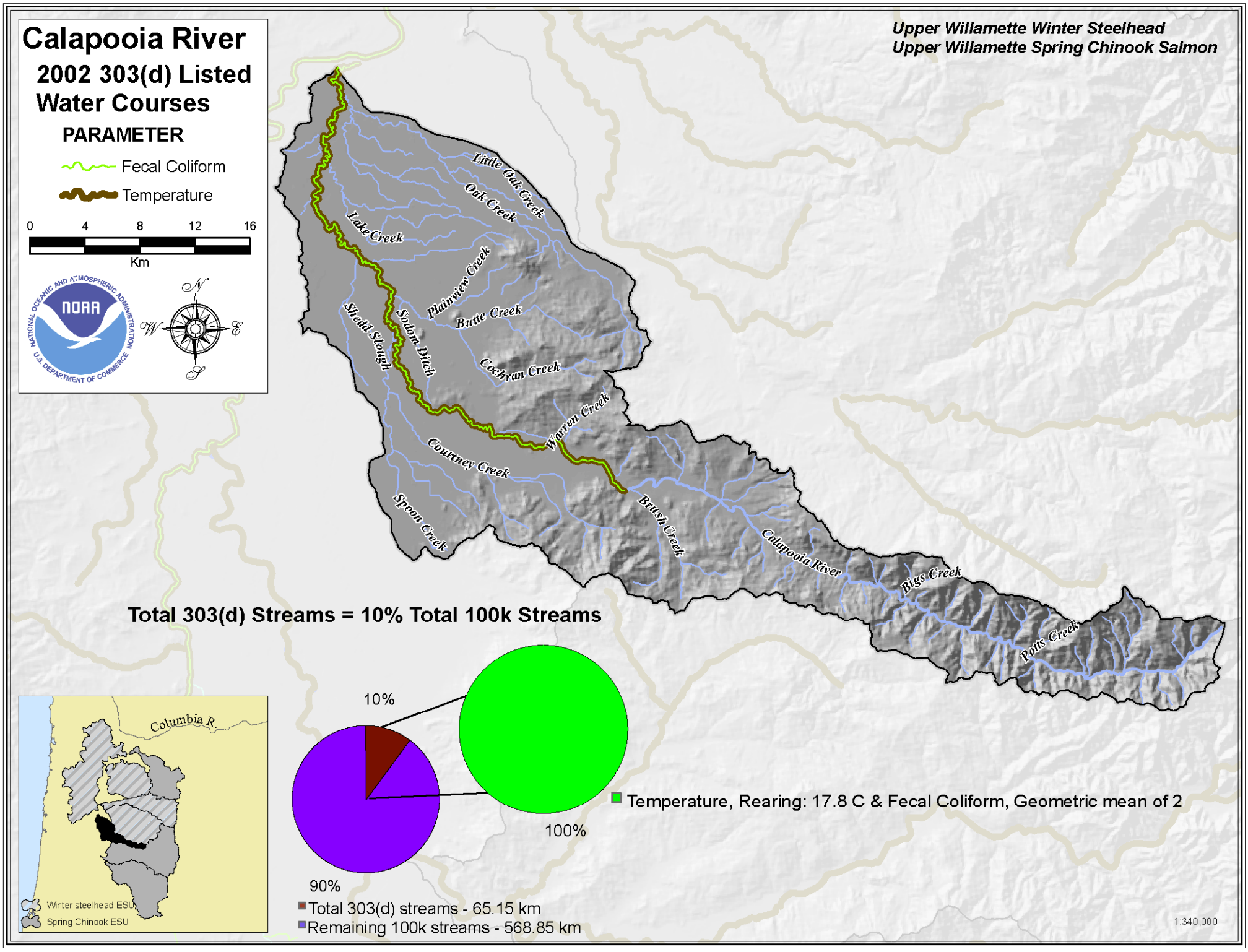
Little Oak Creek
Oak Creek
Lake Creek
Plainview Creek
Butte Creek
Shedd Slough
Sodom Ditch
Cochran Creek
Warren Creek
Courtney Creek
Spoon Creek
Brush Creek
Calapooia River
Bigs Creek
Potts Creek





Accessibility	Stream km	% total
Current accessibility	763	68
Historical accessibility	1,123	99.5
Above natural barriers	6	<1
Total streams	1,129	
Current / Historical		**68**

1:340,000



Calapooia River

Calapooia River

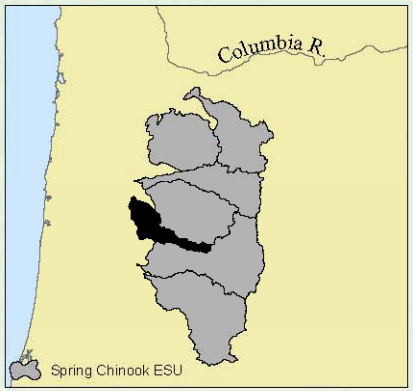
ODFW Distribution

Use type

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

0 4 8 12 16
Km

Upper Willamette Spring Chinook Salmon



Use type	Stream km	% total
Spawning and rearing	59	9
Rearing and migration	69	11
Total use	128	20
Total 100k streams	**634**	**100**

1:340,000

Calapooia River

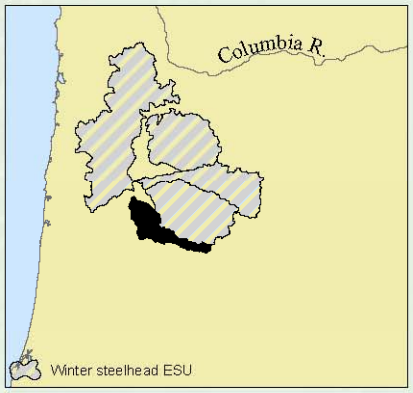
ODFW Distribution

Use type

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

0 4 8 12 16
Km

Upper Willamette Winter Steelhead



Use type	Stream km	% total
Spawning and rearing	91	14
Rearing and migration	56	9
Total use	146	23
Total 100k streams	**634**	**100**

1:340,000

Calapooia River

Calapooia River

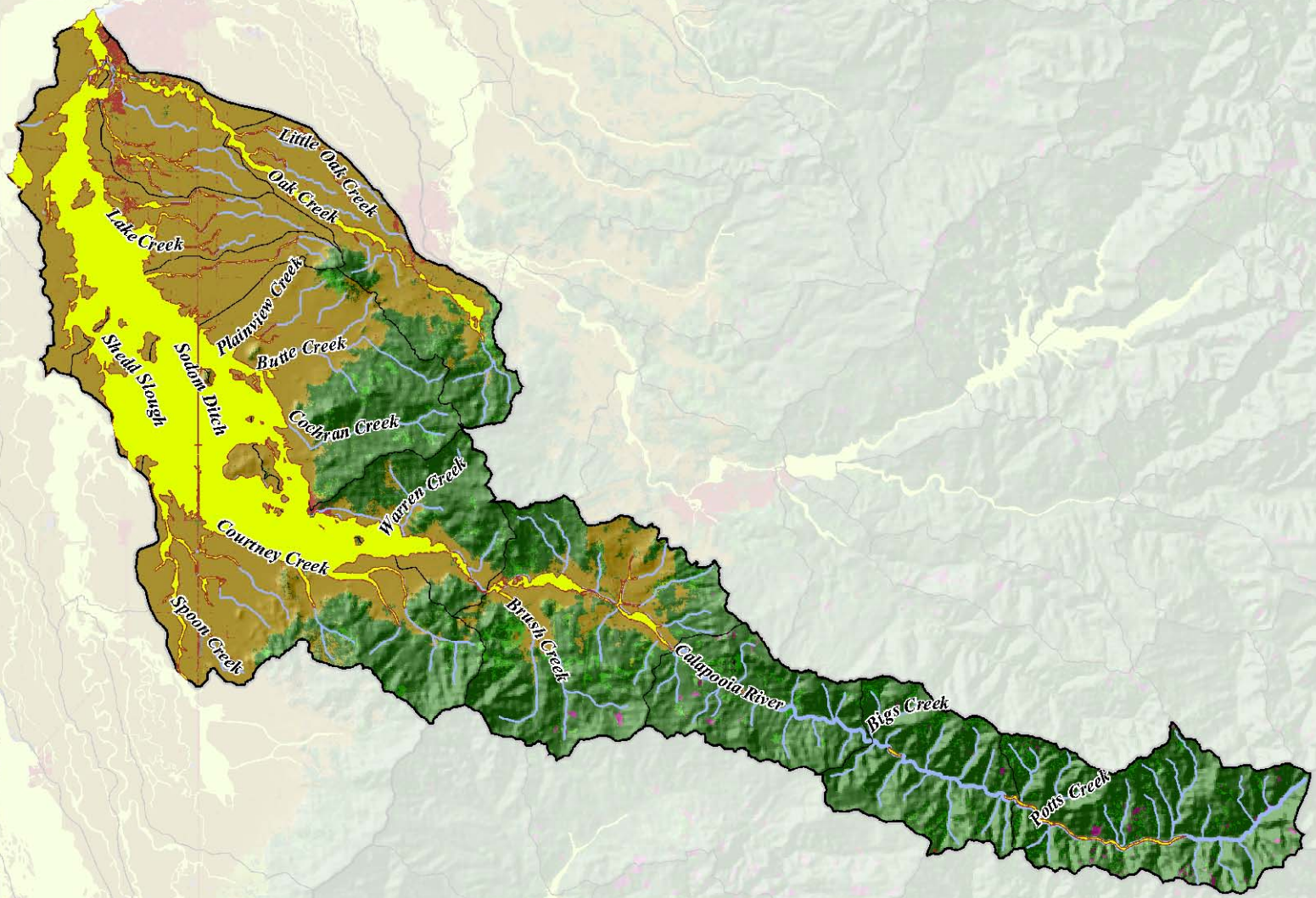
FEMA Q3 Flood Data

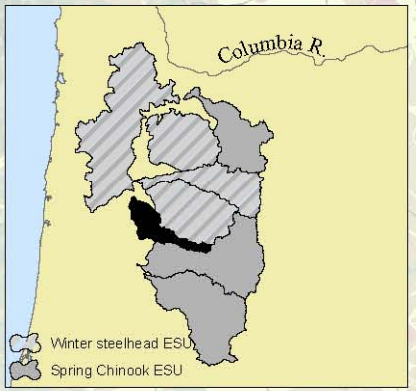
Flood plain

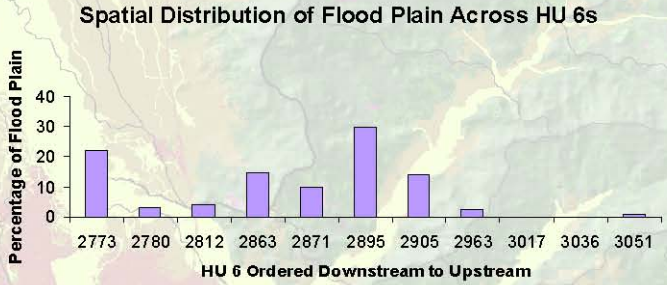
0 4 8 12 16

Km

Upper Willamette Winter Steelhead
Upper Willamette Spring Chinook Salmon







Flood Plain Land Cover	Square Km	Pecent Total
Lakes and streams	1	<1
Rock, sand and clay	<1	<1
Sparse vegetation in transition/recovery	<1	<1
Grasslands	1	<1
Developed	3	2
Forest and shrubs	11	7
Agriculture	150	90
Wetlands	1	1
Total 100 yr. Flood Plain	**167**	**100**

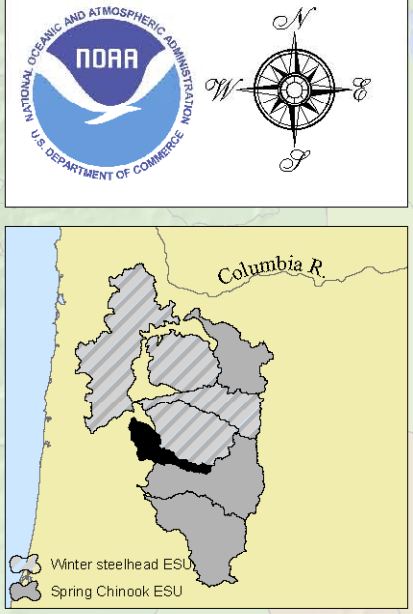
1:340,000

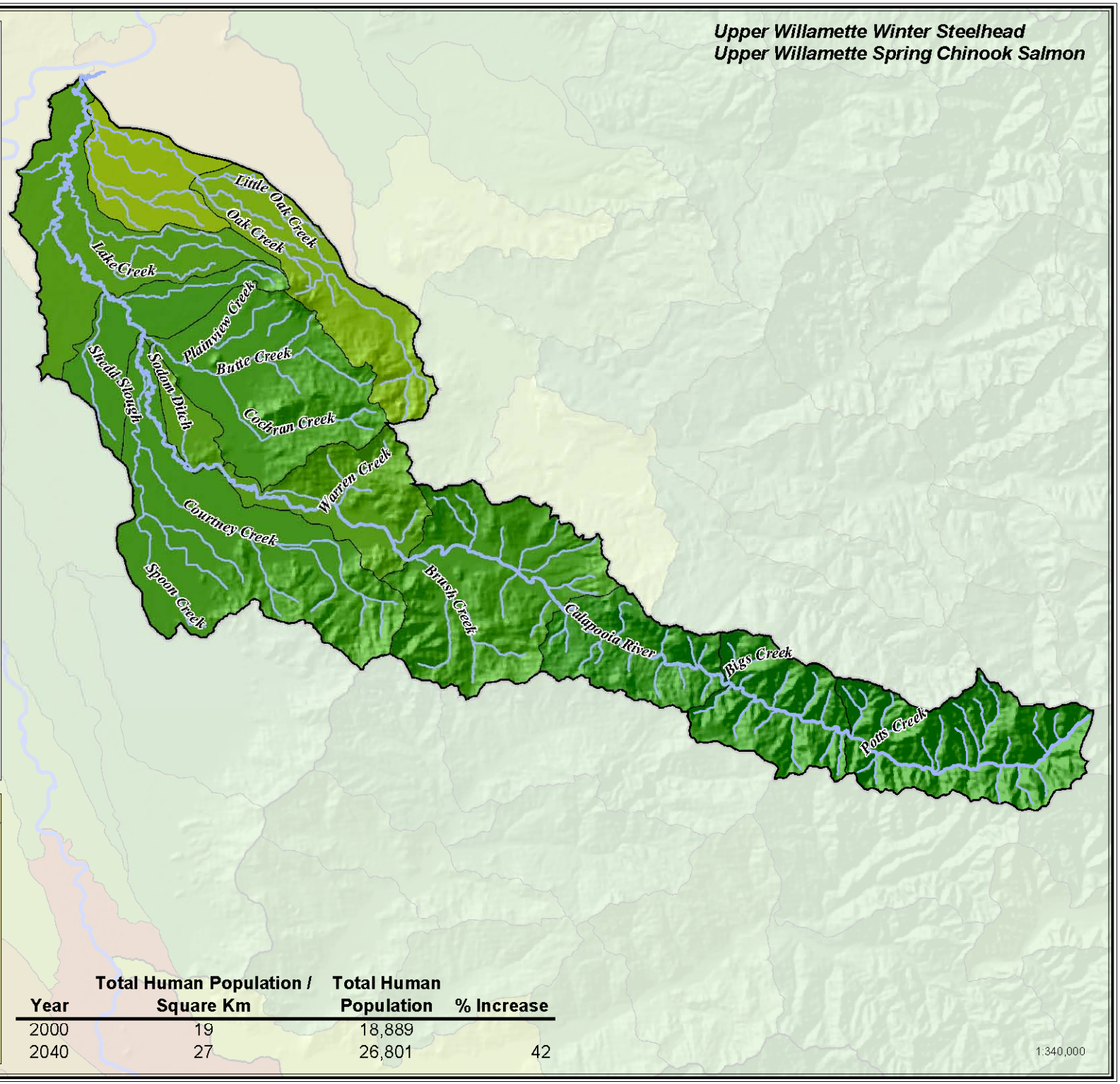
Calapooia River

2000 HU 6 Population Density

- 0 - 6
- 7 - 17
- 18 - 33
- 34 - 51
- 52 - 77
- 78 - 126
- 127 - 204
- 205 - 275
- 276 - 436
- 437 - 806
- 807 - 1505
- 1506 - 2327
- 2328 - 3002

0 4 8 12 16
Km





Year	Total Human Population / Square Km	Total Human Population	% Increase
2000	19	18,889	
2040	27	26,801	42

Calapooia River

Calapooia River

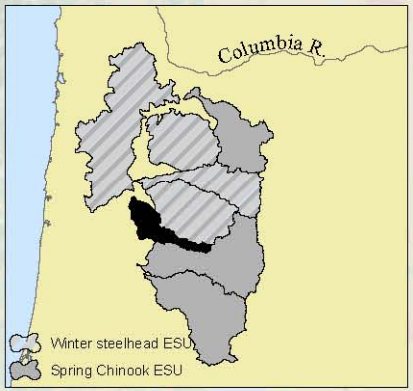
Land Cover

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

0 4 8 12 16
Km

Upper Willamette Winter Steelhead
Upper Willamette Spring Chinook Salmon

Little Oak Creek
Oak Creek
Lake Creek
Plainview Creek
Butte Creek
Shedd Slough
Sedom Ditch
Cochran Creek
Warren Creek
Courtney Creek
Spoon Creek
Brush Creek
Calapooia River
Biggs Creek
Potts Creek



Land Cover	Watershed Polygon Square Km	% Area
Lakes and streams	1	<1
Rock, sand and clay	<1	<1
Sparse vegetation	3	<1
Grasslands	38	4
Developed	11	1
Forest and shrubs	428	44
Agriculture	483	50
Wetlands	3	<1
Total	**967**	**100**

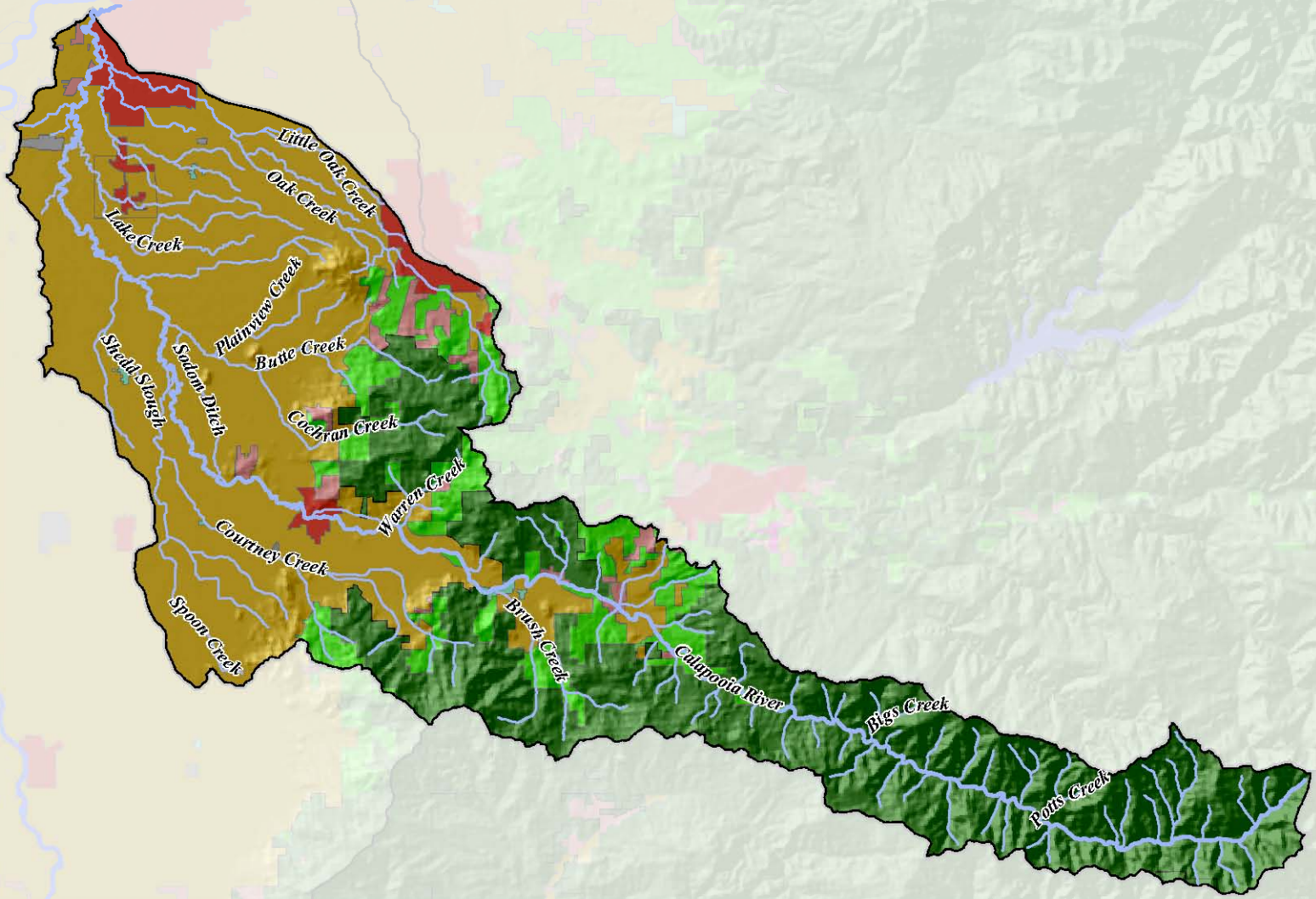
1:340,000

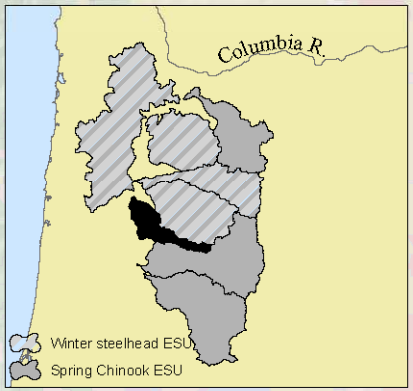
Calapooia River
Land Use

- Agriculture - forest zone
- Agriculture
- Forest
- Mineral resource zone
- Conservation zone
- Park and recreation
- Public facility
- Rural commercial
- Rural industrial
- Rural residential
- Urban
- Water

0 4 8 12 16
Km

Upper Willamette Winter Steelhead
Upper Willamette Spring Chinook Salmon





Land Use	Watershed Polygon Square Km	% Area
Ag-Forest zone	92	9
Agriculture	466	48
Forest	357	37
Mineral resource zone	2	<1
Rural residential	19	2
Rural service center	2	<1
Urban	31	3
Total	**967**	**100**

1:340,000

Calapooia River

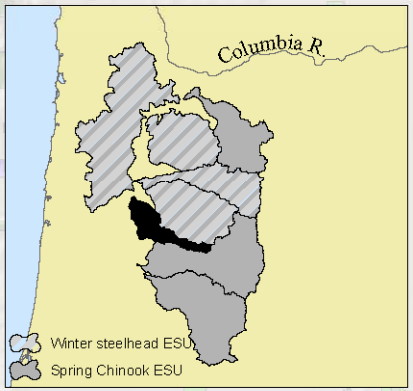
Calapooia River
Ownership

County
Federal
Private
State

0 4 8 12 16
Km

Upper Willamette Winter Steelhead
Upper Willamette Spring Chinook Salmon

Little Oak Creek
Oak Creek
Lake Creek
Plainview Creek
Butte Creek
Shedd Slough
Sedom Ditch
Cochran Creek
Warren Creek
Courtney Creek
Spoon Creek
Brush Creek
Calapooia River
Bigs Creek
Potts Creek



Ownership	Watershed Polygon Square Km	% Area
Federal	61	6
Private	906	94
State	<1	<1
Total	**967**	**100**

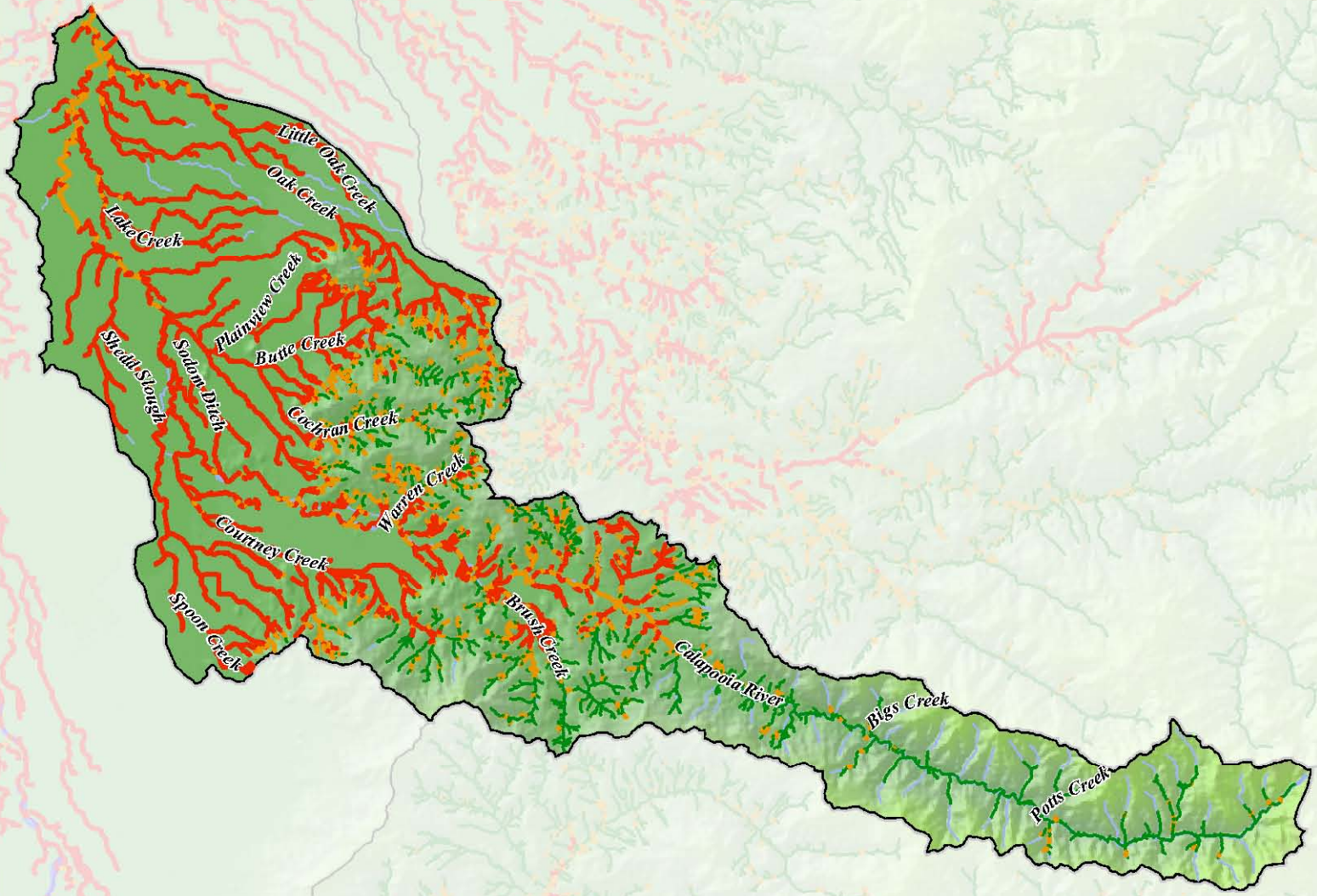
1:340,000

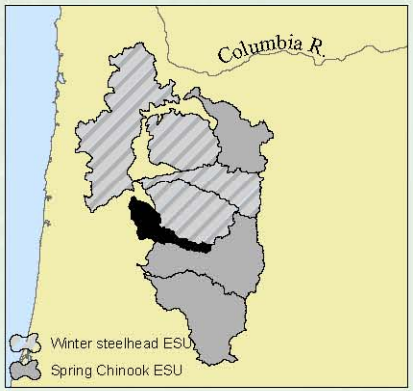
Calapooia River
Riparian Condition

Functional
Impaired
Moderately Impaired
No Data
Water

0 4 8 12 16
Km

Upper Willamette Winter Steelhead
Upper Willamette Spring Chinook Salmon





Riparian condition	Stream km	% total
Functional	351	31
Impaired	567	50
Moderately impaired	207	18
No data	4	<1
Total	1,129	100

1:340,000

Calapooia River

Calapooia River
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 - 123.82
- 123.82 - 201.807
- 201.808 - 345.248
- 345.248 - 505.973
- 505.974 - 902.158
- 902.158 - 1900
- 1900 - 4600
- no data

0 4 8 12 16
Km

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

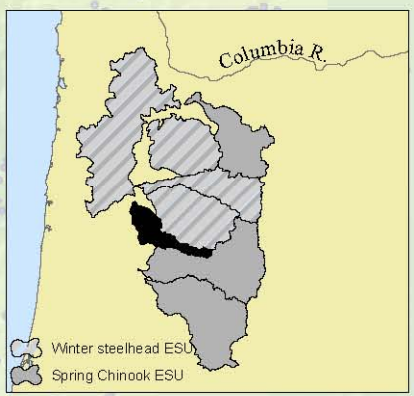
N W E S

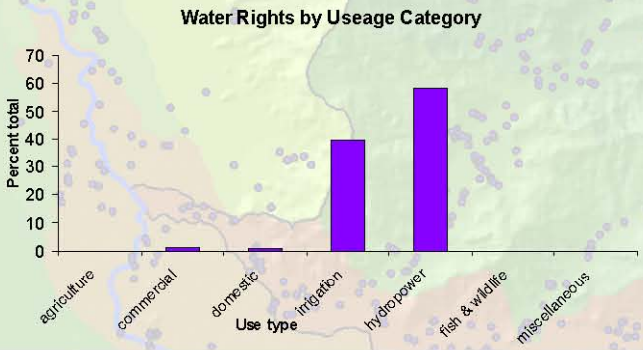
Upper Willamette Winter Steelhead
Upper Willamette Spring Chinook Salmon

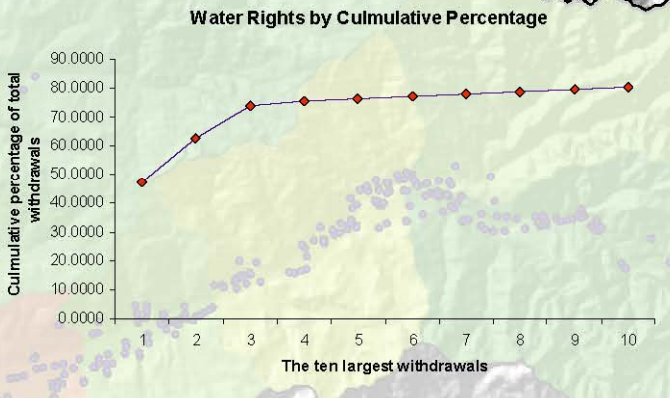
Little Oak Creek
Oak Creek
Lake Creek
Plainview Creek
Butte Creek
Shedd Slough
Sodom Ditch
Cochran Creek
Warren Creek
Courtney Creek
Spoon Creek
Brush Creek
Calapooia River
Bigs Creek
Potts Creek

Max rate cfs
- 0.003 - 0.43
- 0.43 - 1.46
- 1.46 - 4
- 4 - 48.3
- 48.3 - 145

Total max rate for population equals 308 cfs.







1:340,000