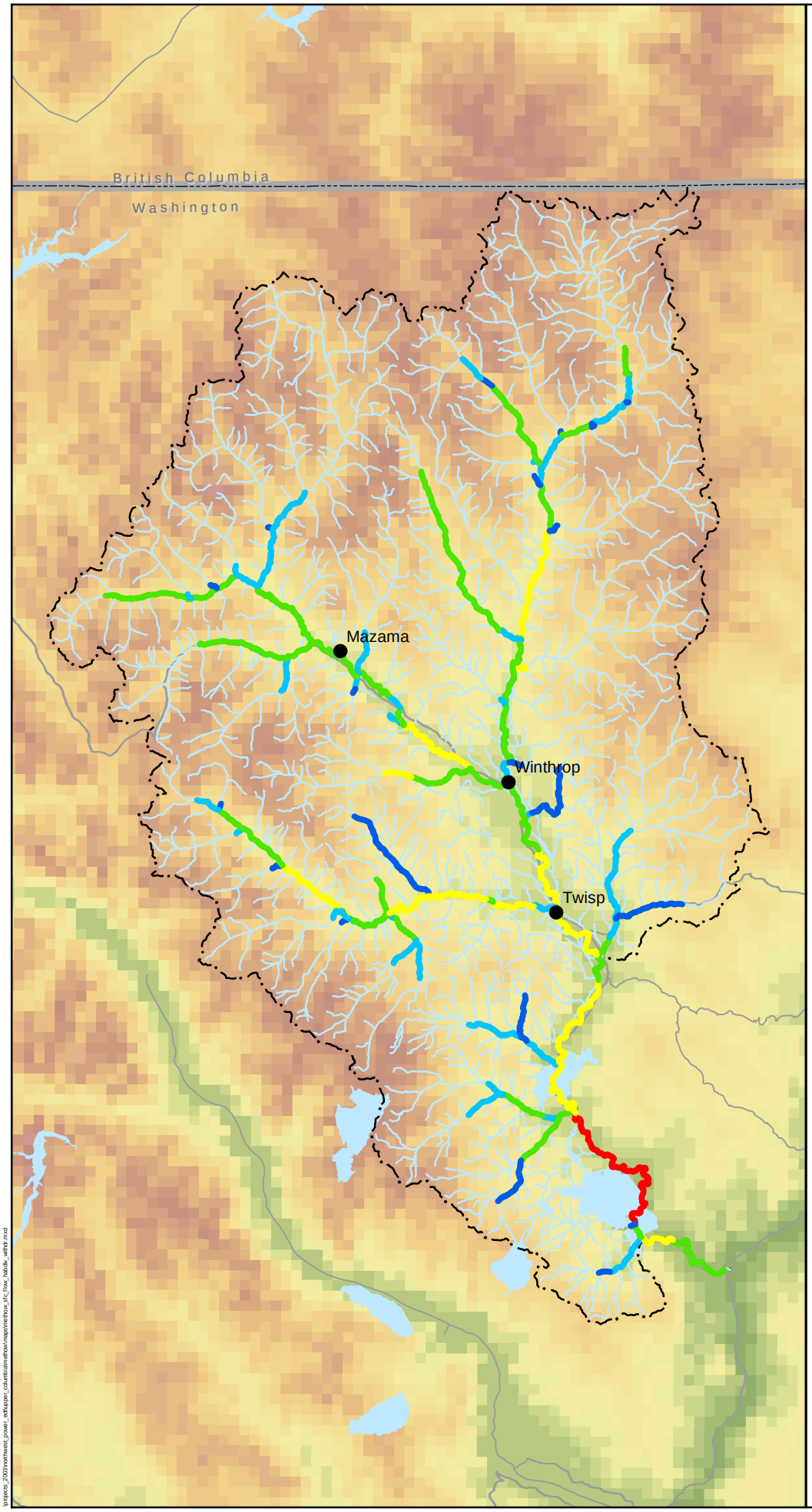


Methow Subbasin Drainage Findings from 2003-2004 EDT preliminary analysis

Summer Steelhead

Abundance Restoration All Life Stages

EDT Abundance Restoration Classes

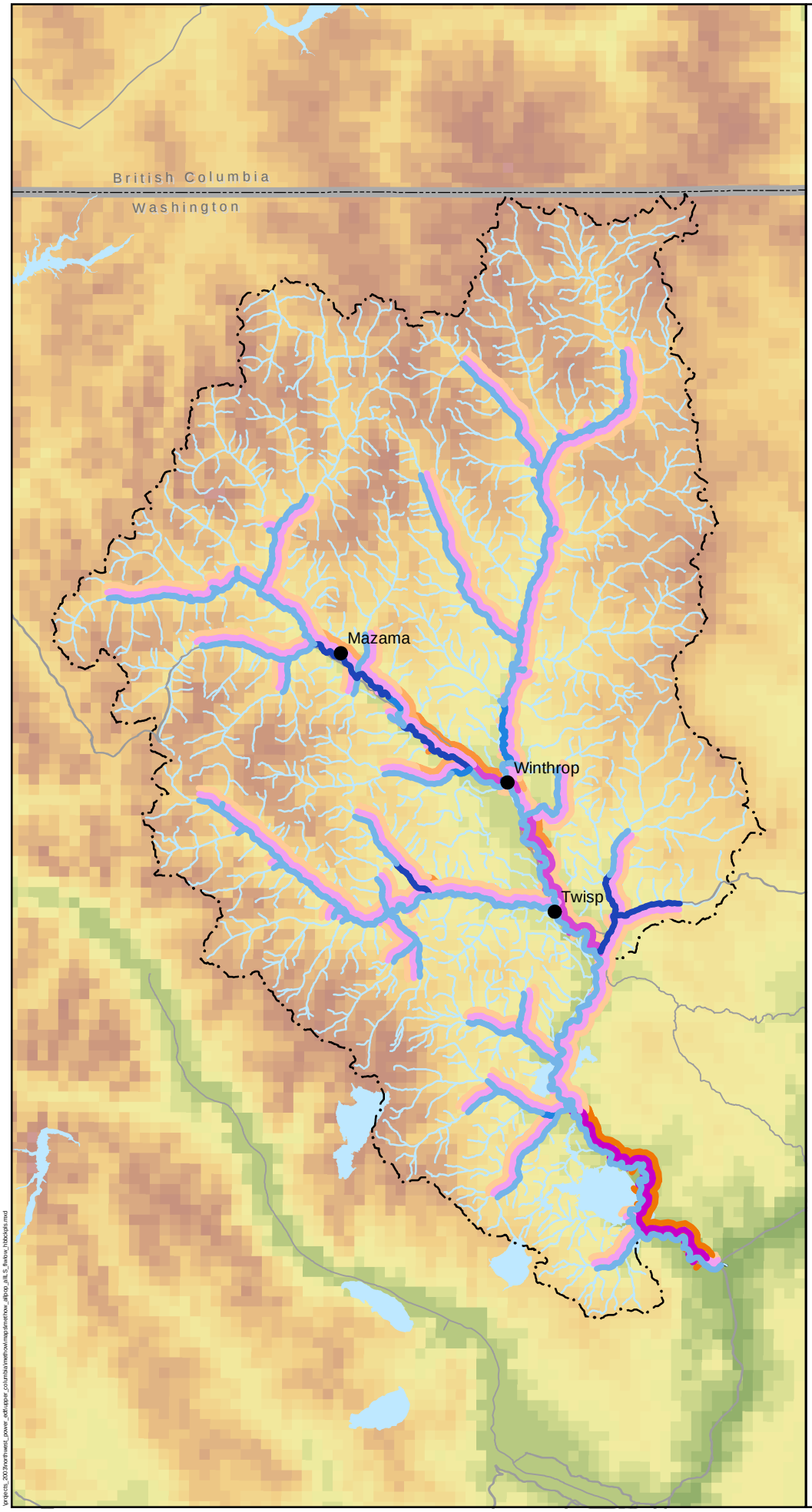
- A
- B
- C
- D
- E

- City
- Road
- Stream
- Subbasin Boundary

N

0 2.5 5 10
Miles

Reaches and categories depicted do not represent a final analysis of priorities. See Managment Plan sections for full detail on priority actions and locations.



Methow Subbasin Drainage Findings from 2003-2004 EDT preliminary analysis

All Populations, All Life Stages

Low Flow

EDT Level 2 Low Flow

Spring Chinook
- -0.999900 - -0.000500
- -0.000499 - -0.000050
- -0.000049 - -0.000005
- -0.000004 - 0.000000
- 0.000001 - 1.000000

Summer/Fall Chinook
- -0.999900 - -0.000500
- -0.000499 - -0.000050
- -0.000049 - -0.000005
- -0.000004 - 0.000000
- 0.000001 - 1.000000

Summer Steelhead
- -0.999900 - -0.000500
- -0.000499 - -0.000050
- -0.000049 - -0.000005
- -0.000004 - 0.000000
- 0.000001 - 1.000000

- City
- Road
- Stream
- Subbasin Boundary

N

0 2.5 5 10
Miles

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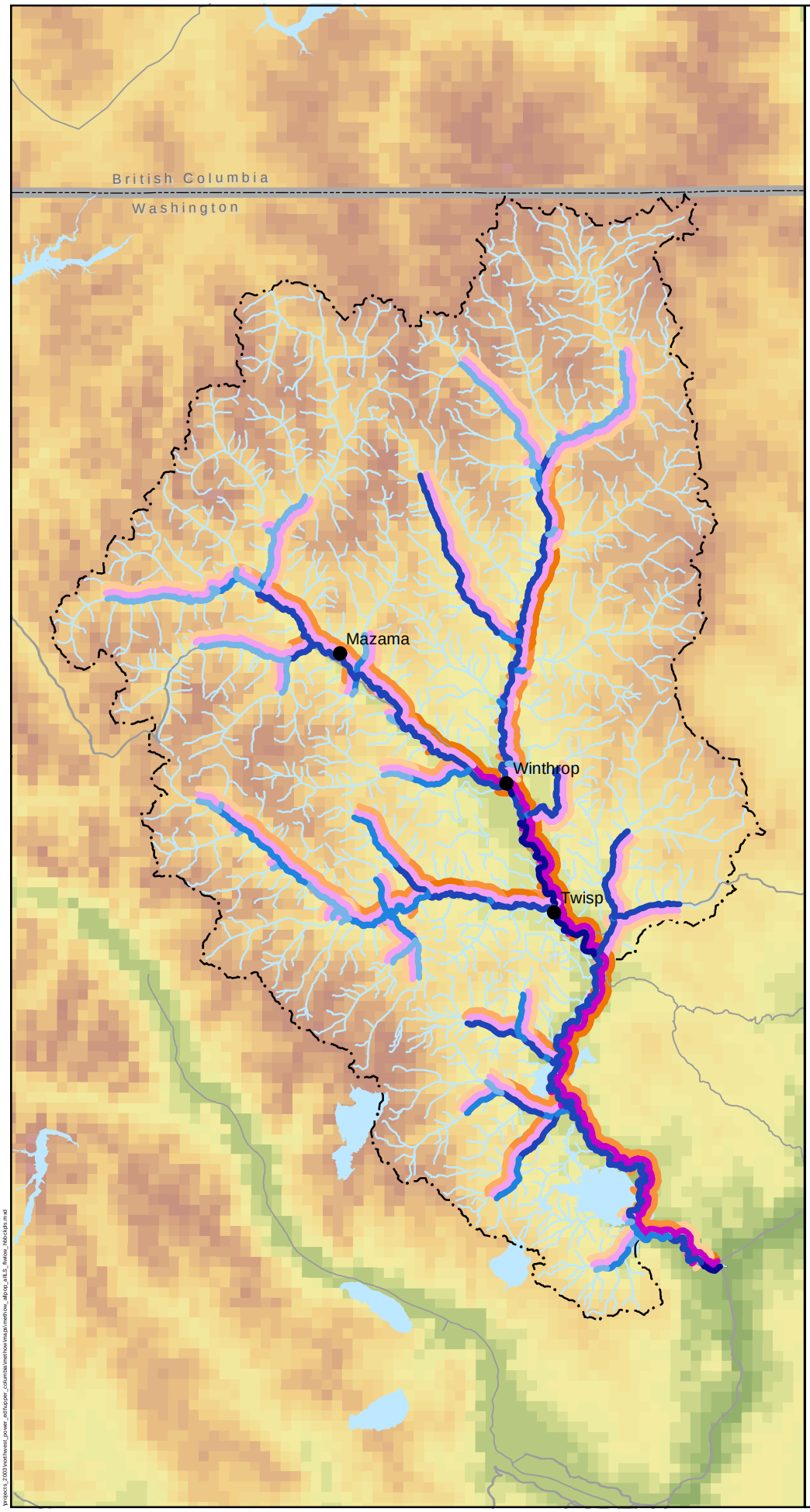

Methow Subbasin Drainage Findings from 2003-2004 EDT preliminary analysis

All Populations, All Life Stages

Level 2 Riparian Factor

Spring Chinook
- -0.999900 - -0.000500
- -0.000499 - -0.000050
- -0.000049 - -0.000005
- -0.000004 - 0.000000
- 0.000001 - 1.000000

Summer/Fall Chinook
- -0.999900 - -0.000500
- -0.000499 - -0.000050
- -0.000049 - -0.000005
- -0.000004 - 0.000000
- 0.000001 - 1.000000

Summer Steelhead
- -0.999900 - -0.000500
- -0.000499 - -0.000050
- -0.000049 - -0.000005
- -0.000004 - 0.000000
- 0.000001 - 1.000000

City
Road
Stream
Subbasin Boundary

N

0 2.5 5 10
Miles

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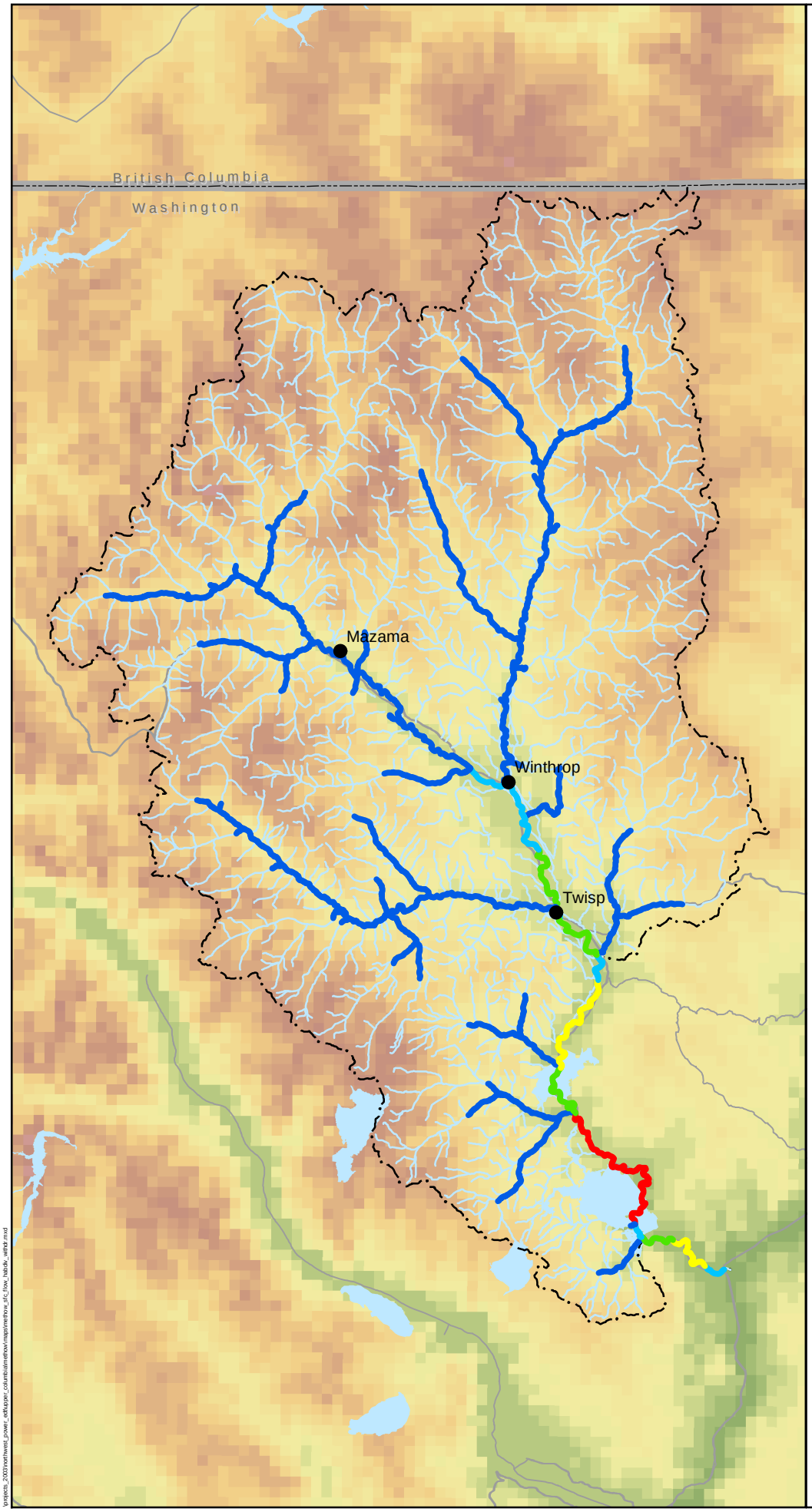

Methow Subbasin Drainage Findings from 2003-2004 EDT preliminary analysis

Summer/Fall Chinook

Abundance Restoration All Life Stages

EDT Abundance Restoration Classes

- A
- B
- C
- D
- E

- City
- Road
- Stream
- Subbasin Boundary

N

0 2.5 5 10
Miles

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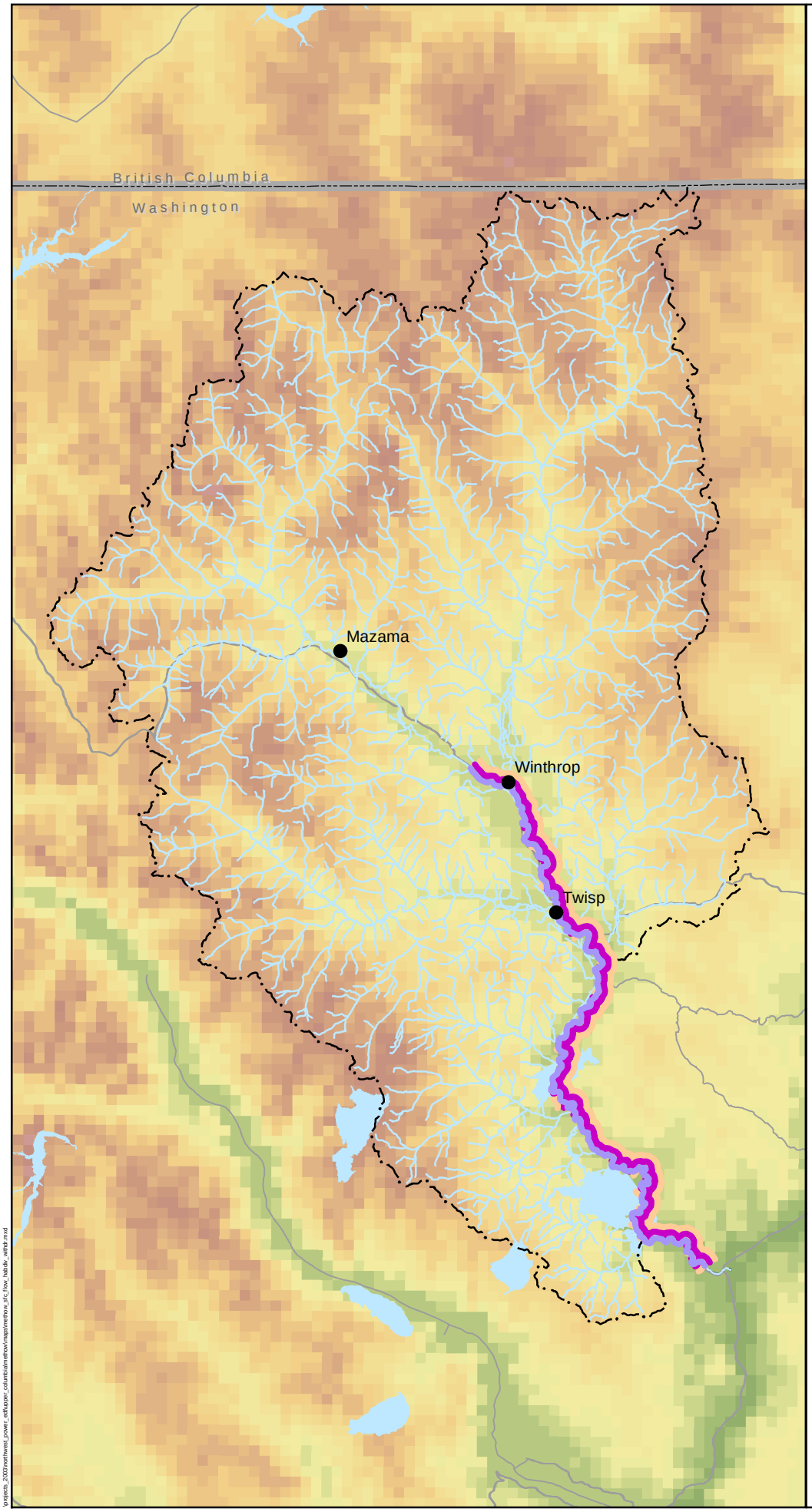


Methow Subbasin Drainage Findings from 2003-2004 EDT preliminary analysis

Summer/Fall Chinook

Flow, Habitat Diversity and Withdrawal Spawning Life Stage

EDT Level 3 Survival Factors

Habitat Diversity

- -0.999900 - -0.000100
- -0.000099 - -0.000010
- -0.000009 - -0.000001
- 0.000000
- 0.000001 - 9.000000

Flow

- -0.999900 - -0.000100
- -0.000099 - -0.000010
- -0.000009 - -0.000001
- 0.000000
- 0.000001 - 9.000000

Withdrawal

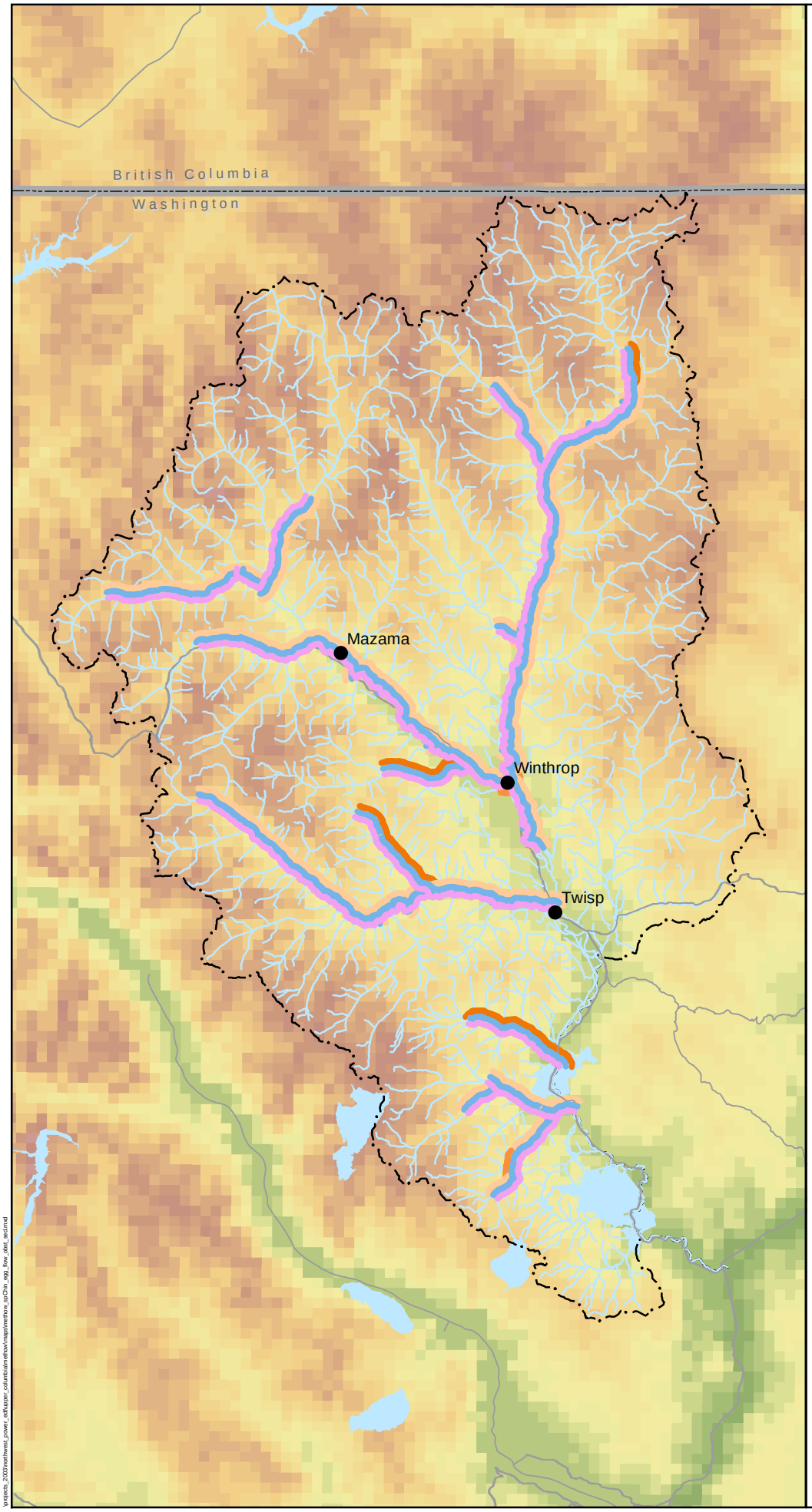
- -0.999900 - -0.000100
- -0.000099 - -0.000010
- -0.000009 - -0.000001
- 0.000000
- 0.000001 - 9.000000

- City
- Road
- Stream
- Subbasin Boundary

N

0 2.5 5 10
Miles

Reaches and categories depicted do not represent a final analysis of priorities. See Managment Plan sections for full detail on priority actions and locations.



Methow Subbasin Drainage Findings from 2003-2004 EDT preliminary analysis

Spring Chinook

Flow, Obstructions and Sediment

Egg Incubation Life Stage

EDT Level 3 Survival Factors

Flow

- -0.999900 - -0.000100
- -0.000099 - -0.000010
- -0.000009 - -0.000001
- 0.000000
- 0.000001 - 9.000000

Obstructions

- -0.999900 - -0.000100
- -0.000099 - -0.000010
- -0.000009 - -0.000001
- 0.000000
- 0.000001 - 9.000000

Sediment

- -0.999900 - -0.000100
- -0.000099 - -0.000010
- -0.000009 - -0.000001
- 0.000000
- 0.000001 - 9.000000

- City
- Road
- Stream
- Subbasin Boundary

N

0 2.5 5 10
Miles

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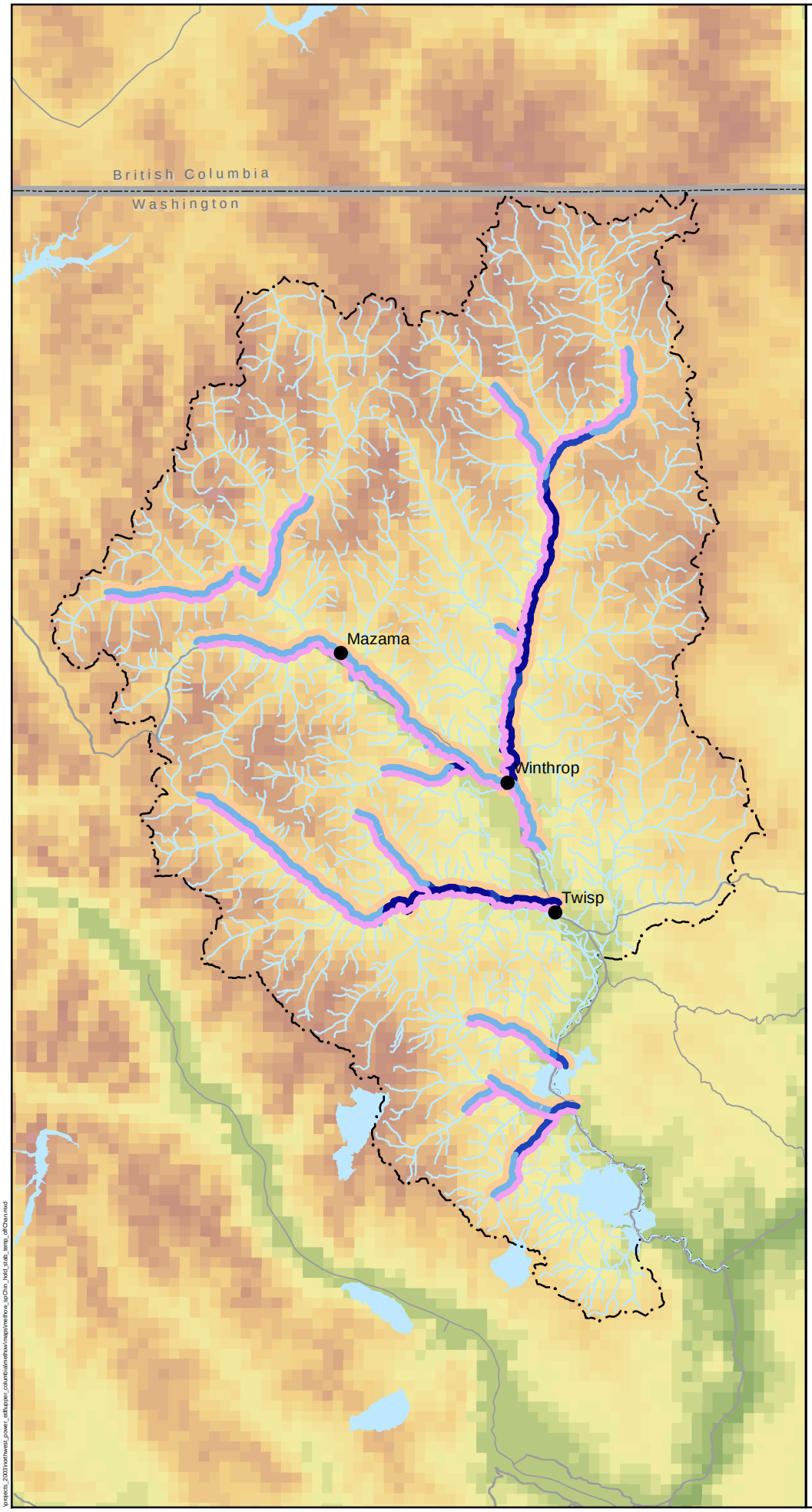


Methow Subbasin Drainage Findings from 2003-2004 EDT preliminary analysis

Spring Chinook

Channel Stability, Temperature and Habitat Off Channel Factor Holding Prespawner Life Stage

EDT Level 3 Survival Factors

Channel Stability

- -0.999900 - -0.000100
- -0.000099 - -0.000010
- -0.000009 - -0.000001
- 0.000000
- 0.000001 - 9.000000

Temperature

- -0.999900 - -0.000100
- -0.000099 - -0.000010
- -0.000009 - -0.000001
- 0.000000
- 0.000001 - 9.000000

EDT Level 2 Survival Factors

Habitat Off Channel Factor

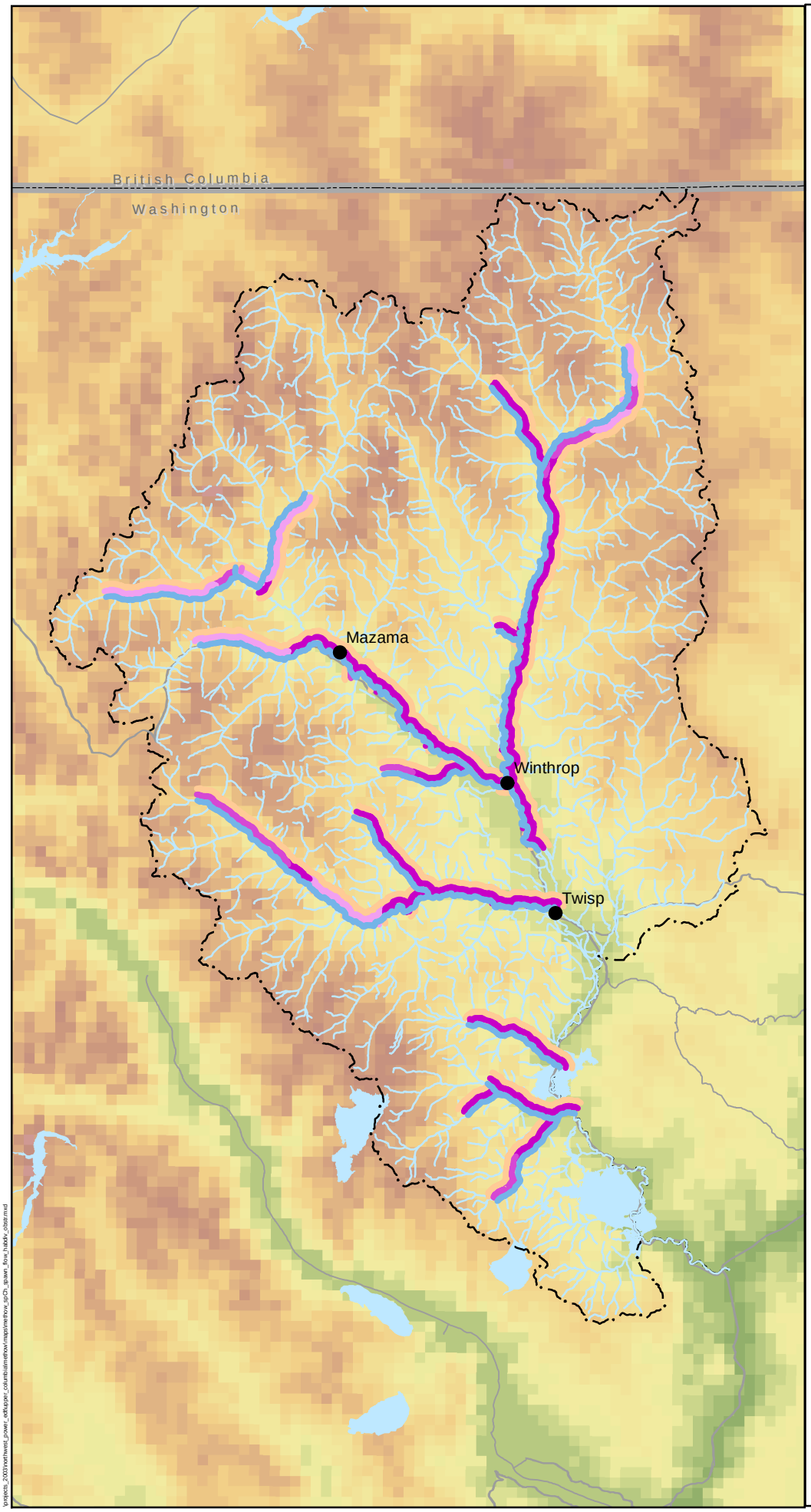
- -0.999900 - -0.000500
- -0.000499 - -0.000050
- -0.000049 - -0.000005
- -0.000004 - 0.000000
- 0.000001 - 1.000000

- City
- Road
- Stream
- Subbasin Boundary

N

0 2.5 5 10
Miles

Reaches and categories depicted do not represent a final analysis of priorities. See Managment Plan sections for full detail on priority actions and locations.



Methow Subbasin Drainage Findings from 2003-2004 EDT preliminary analysis

Spring Chinook

Flow, Habitat Diversity and Obstructions Spawning Life Stage

EDT Level 3 Survival Factors

Habitat Diversity
- -0.999900 - -0.000100
- -0.000099 - -0.000010
- -0.000009 - -0.000001
- 0.000000
- 0.000001 - 9.000000

Flow
- -0.999900 - -0.000100
- -0.000099 - -0.000010
- -0.000009 - -0.000001
- 0.000000
- 0.000001 - 9.000000

Obstructions
- -0.999900 - -0.000100
- -0.000099 - -0.000010
- -0.000009 - -0.000001
- 0.000000
- 0.000001 - 9.000000

- City
- Road
- Stream
- Subbasin Boundary

N

0 2.5 5 10
Miles

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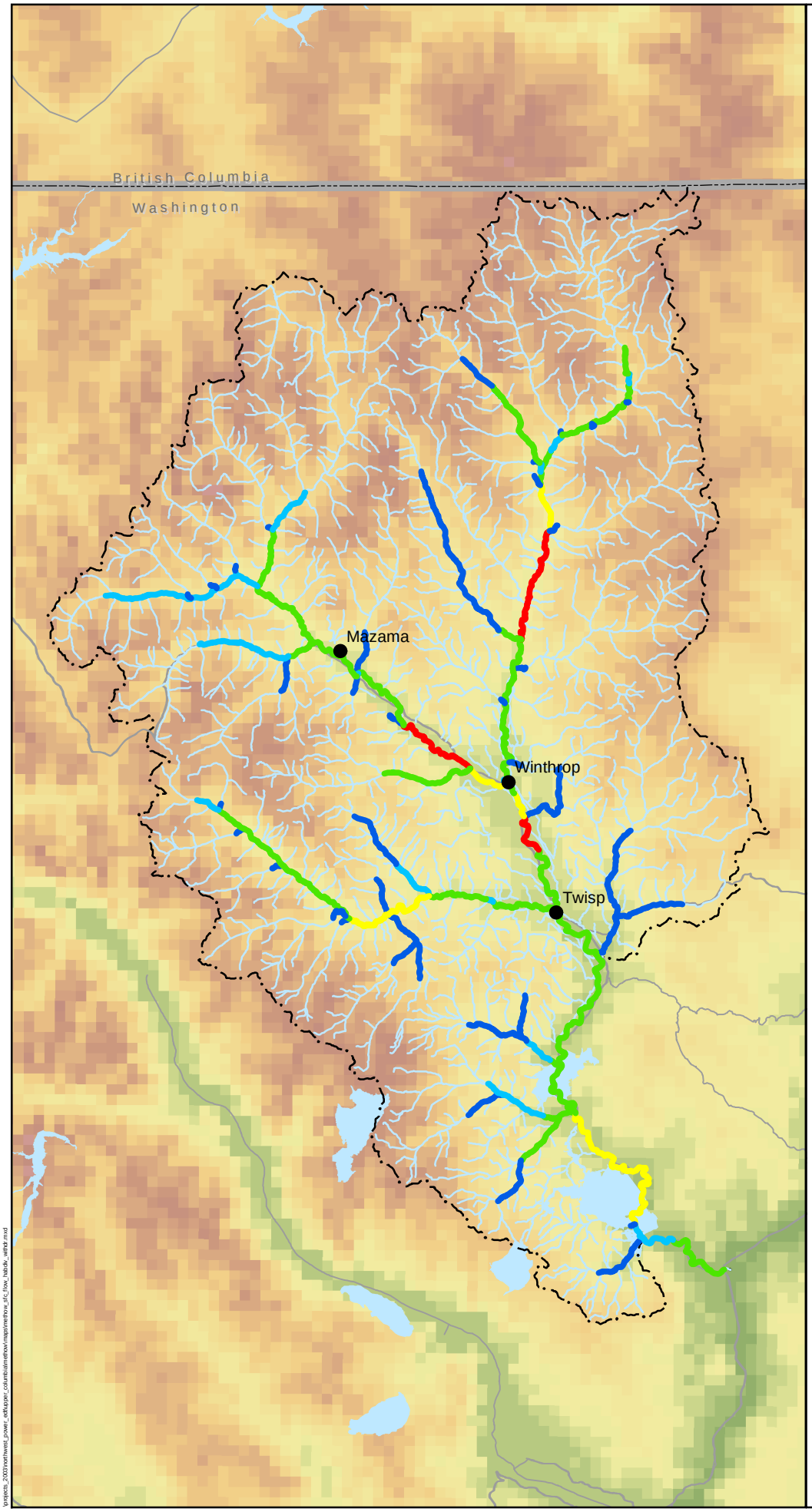

Methow Subbasin Drainage Findings from 2003-2004 EDT preliminary analysis

Spring Chinook

Abundance Restoration All Life Stages

EDT Abundance Restoration Classes

- A
- B
- C
- D
- E

City
Road
Stream
Subbasin Boundary

N

0 2.5 5 10
Miles

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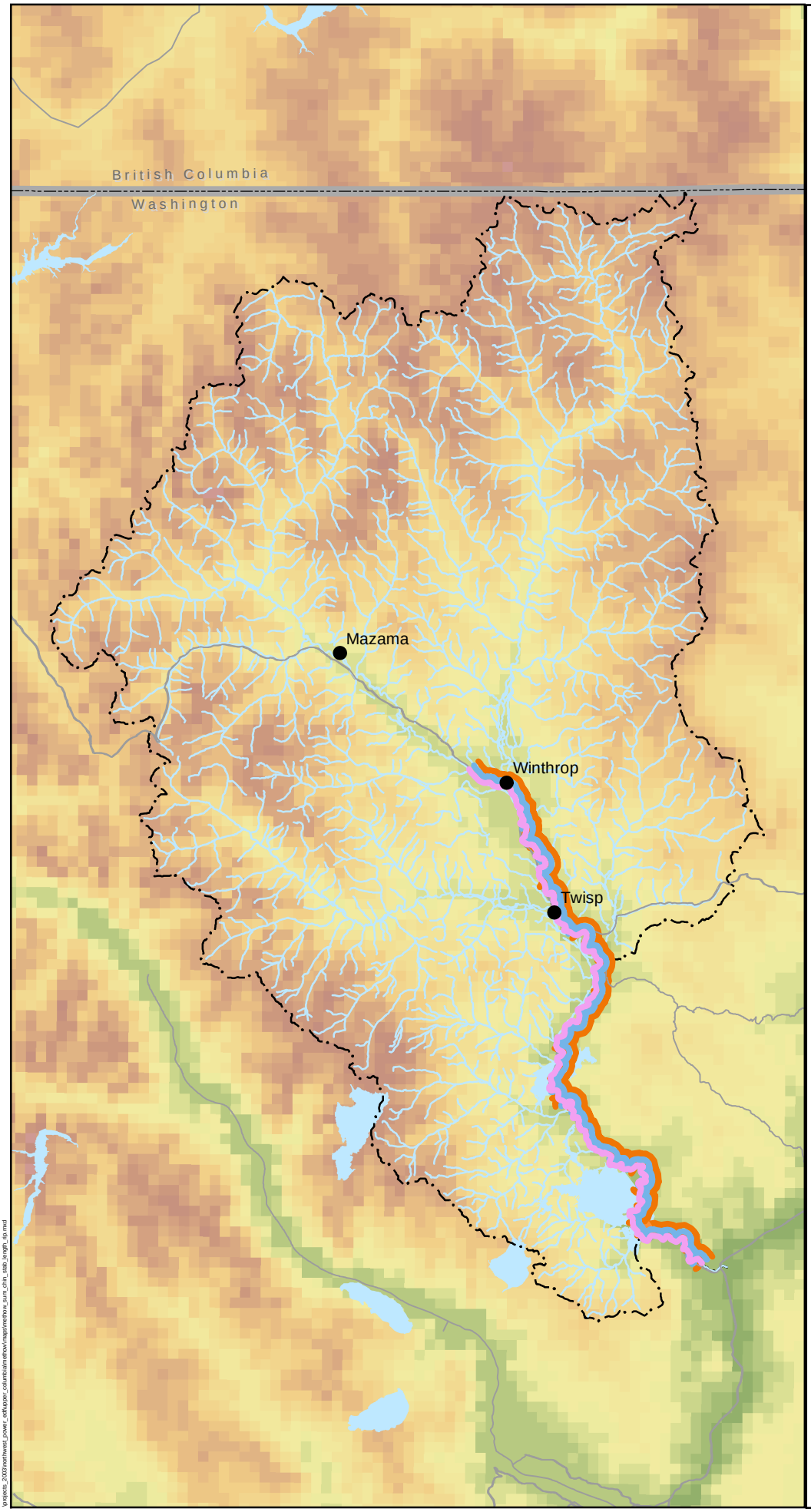

Methow Subbasin Drainage Findings from 2003-2004 EDT preliminary analysis

Summer/Fall Chinook

Channel Stability, Level 2 Channel Length, and Level 2 Riparian Function

Holding Prespawner Life Stage

EDT Level 3 Survival Factors

Channel Stability

- -0.999900 - -0.000100
- -0.000099 - -0.000010
- -0.000009 - -0.000001
- 0.000000
- 0.000001 - 9.000000

EDT Level 2 Survival Factors

Channel Length

- -0.999900 - -0.000500
- -0.000499 - -0.000050
- -0.000049 - -0.000005
- -0.000004 - 0.000000
- 0.000001 - 1.000000

Riparian Function

- -0.999900 - -0.000500
- -0.000499 - -0.000050
- -0.000049 - -0.000005
- -0.000004 - 0.000000
- 0.000001 - 1.000000

- City
- Road
- Stream
- Subbasin Boundary

N

0 2.5 5 10
Miles

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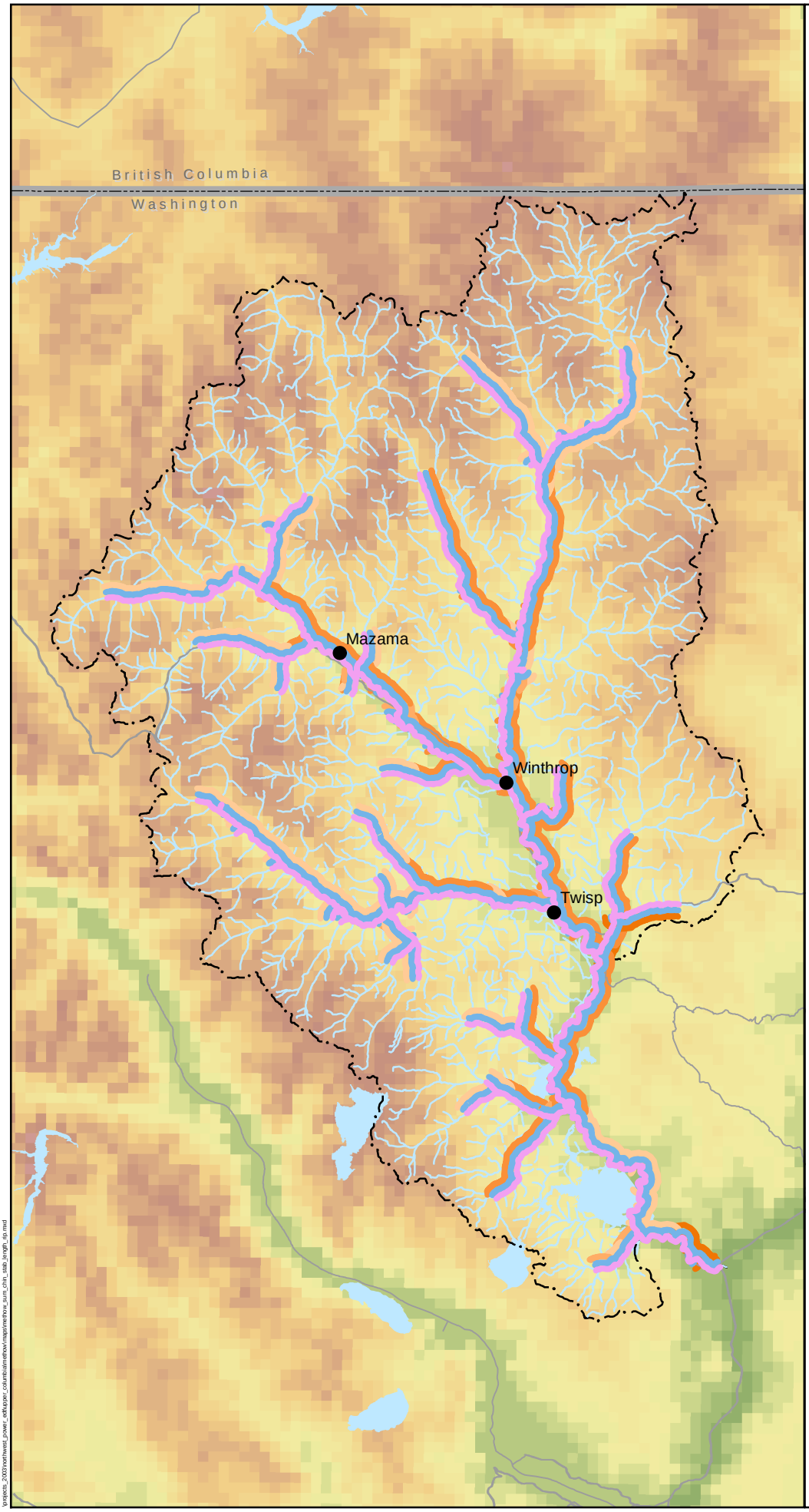
\projects_2003\northwest_power_act\upper_columbia\methow\maps\methow_sum_chin_stab_length_rp.mxd



Methow Subbasin Drainage Findings from 2003-2004 EDT preliminary analysis

Summer Steelhead

Channel Stability, Level 2 Channel Length and Level 2 Riparian Function

Holding Prespawner Life Stage

EDT Level 3 Survival Factors

Channel Stability

- -0.999900 - -0.000100
- -0.000099 - -0.000010
- -0.000009 - -0.000001
- 0.000000
- 0.000001 - 9.000000

EDT Level 2 Survival Factors

Channel Length

- -0.999900 - -0.000500
- -0.000499 - -0.000050
- -0.000049 - -0.000005
- -0.000004 - 0.000000
- 0.000001 - 1.000000

Riparian Function

- -0.999900 - -0.000500
- -0.000499 - -0.000050
- -0.000049 - -0.000005
- -0.000004 - 0.000000
- 0.000001 - 1.000000

- City
- Road
- Stream
- Subbasin Boundary

N

0 2.5 5 10
Miles

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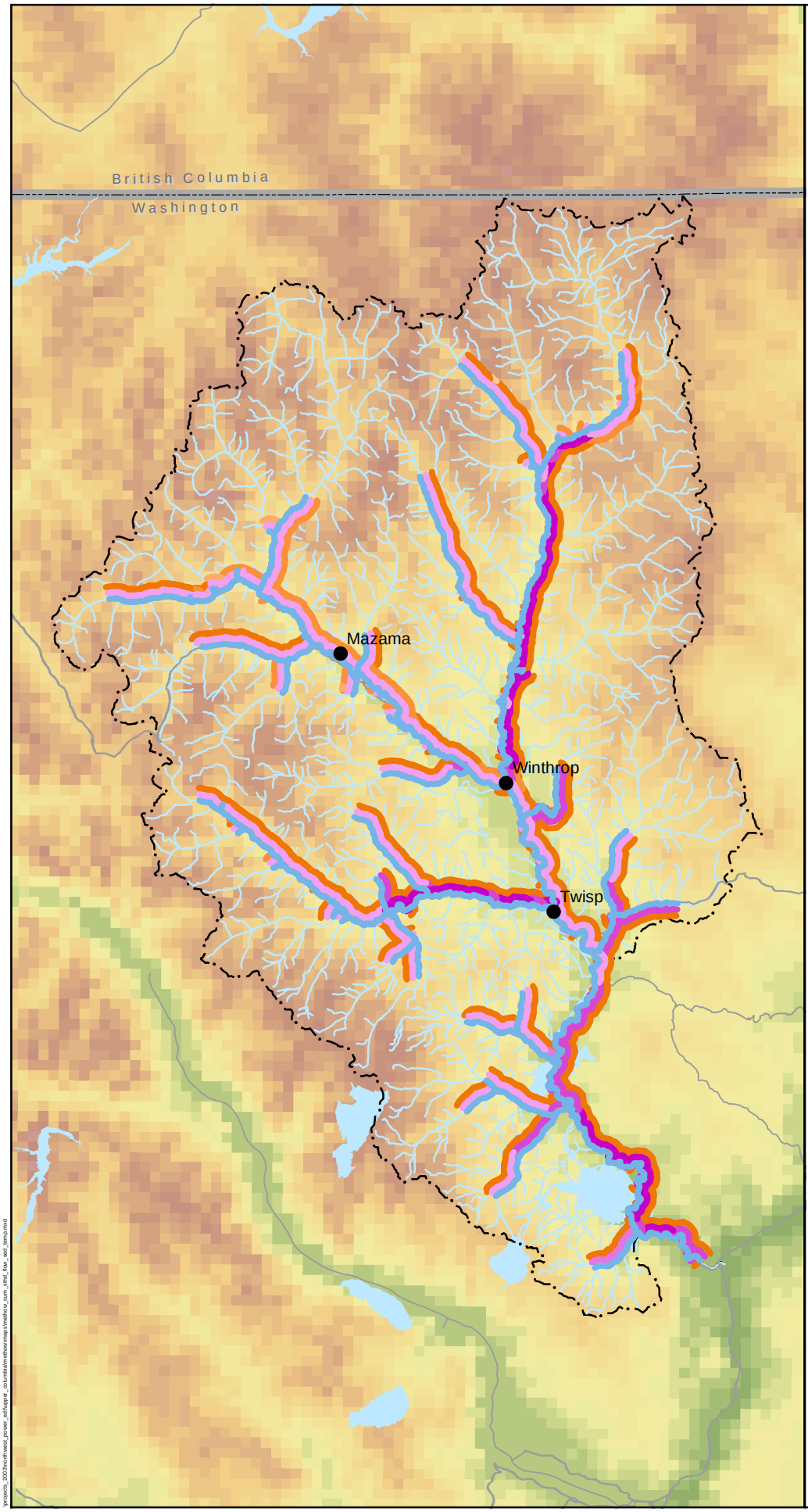
\projects_2003\northwest_power_act\upper_columbia\methow\maps\methow_sum_chn_stab_length_rp.mxd



Methow Subbasin Drainage Findings from 2003-2004 EDT preliminary analysis

Summer Steelhead

Flow, Sediment and Temperature Spawning Life Stage

EDT Level 3 Survival Factors

Temperature
- -0.999900 - -0.000100
- -0.000099 - -0.000010
- -0.000009 - -0.000001
- 0.000000
- 0.000001 - 9.000000

Flow
- -0.999900 - -0.000100
- -0.000099 - -0.000010
- -0.000009 - -0.000001
- 0.000000
- 0.000001 - 9.000000

Sediment
- -0.999900 - -0.000100
- -0.000099 - -0.000010
- -0.000009 - -0.000001
- 0.000000
- 0.000001 - 9.000000

- City
- Road
- Stream
- Subbasin Boundary

N

0 2.5 5 10
Miles

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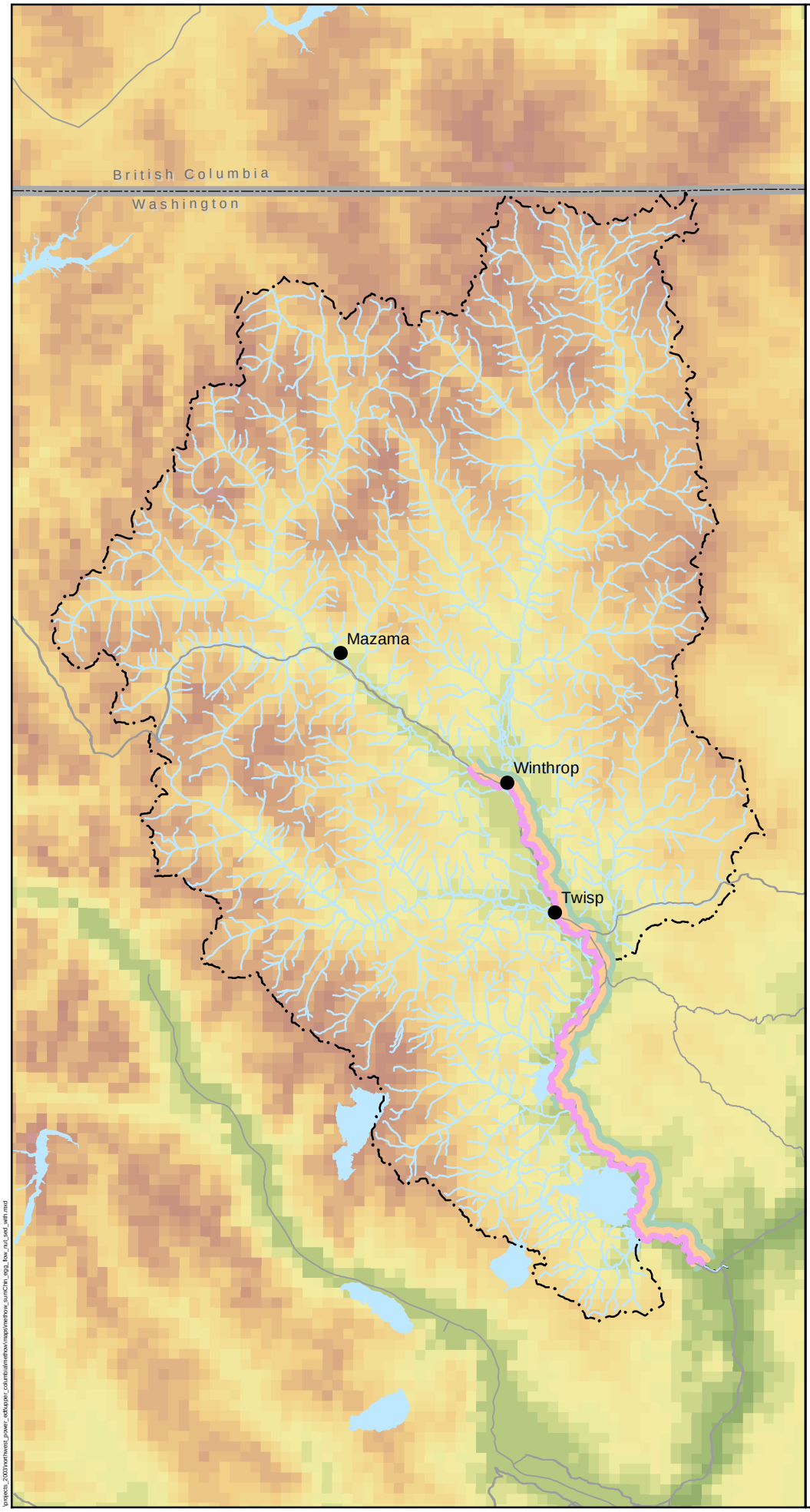

Methow Subbasin Drainage Findings from 2003-2004 EDT preliminary analysis

Summer/Fall Chinook Flow, Sediments and Withdrawal

Egg Incubation Life Stage

EDT Level 3 Survival Factors

Flow

- -0.999900 - -0.000100
- -0.000099 - -0.000010
- -0.000009 - -0.000001
- 0.000000
- 0.000001 - 9.000000

Sediment

- -0.999900 - -0.000100
- -0.000099 - -0.000010
- -0.000009 - -0.000001
- 0.000000
- 0.000001 - 9.000000

Withdrawal

- -0.999900 - -0.000100
- -0.000099 - -0.000010
- -0.000009 - -0.000001
- 0.000000
- 0.000001 - 9.000000

- City
- Road
- Stream
- Subbasin Boundary

N

0 2.5 5 10
Miles

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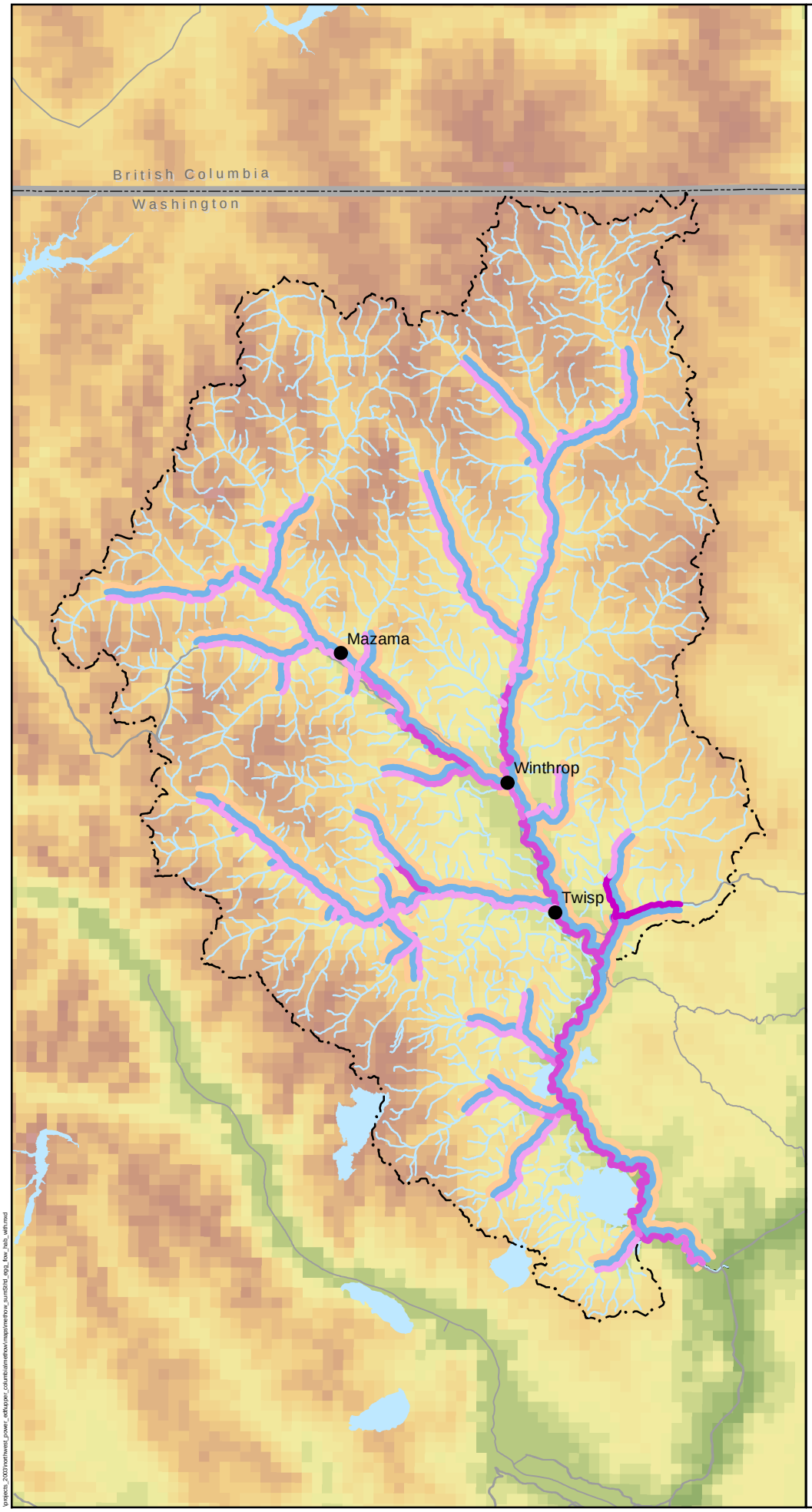

Methow Subbasin Drainage Findings from 2003-2004 EDT preliminary analysis

Summer Steelhead

Flow, Habitat Diversity and Withdrawal

Egg Incubation Life Stage

EDT Level 3 Survival Factors

Flow

- -0.999900 - -0.000100
- -0.000099 - -0.000010
- -0.000009 - -0.000001
- 0.000000
- 0.000001 - 9.000000

Habitat Diversity

- -0.999900 - -0.000100
- -0.000099 - -0.000010
- -0.000009 - -0.000001
- 0.000000
- 0.000001 - 9.000000

Withdrawal

- -0.999900 - -0.000100
- -0.000099 - -0.000010
- -0.000009 - -0.000001
- 0.000000
- 0.000001 - 9.000000

City
Road
Stream
Subbasin Boundary

N

0 2.5 5 10
Miles

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