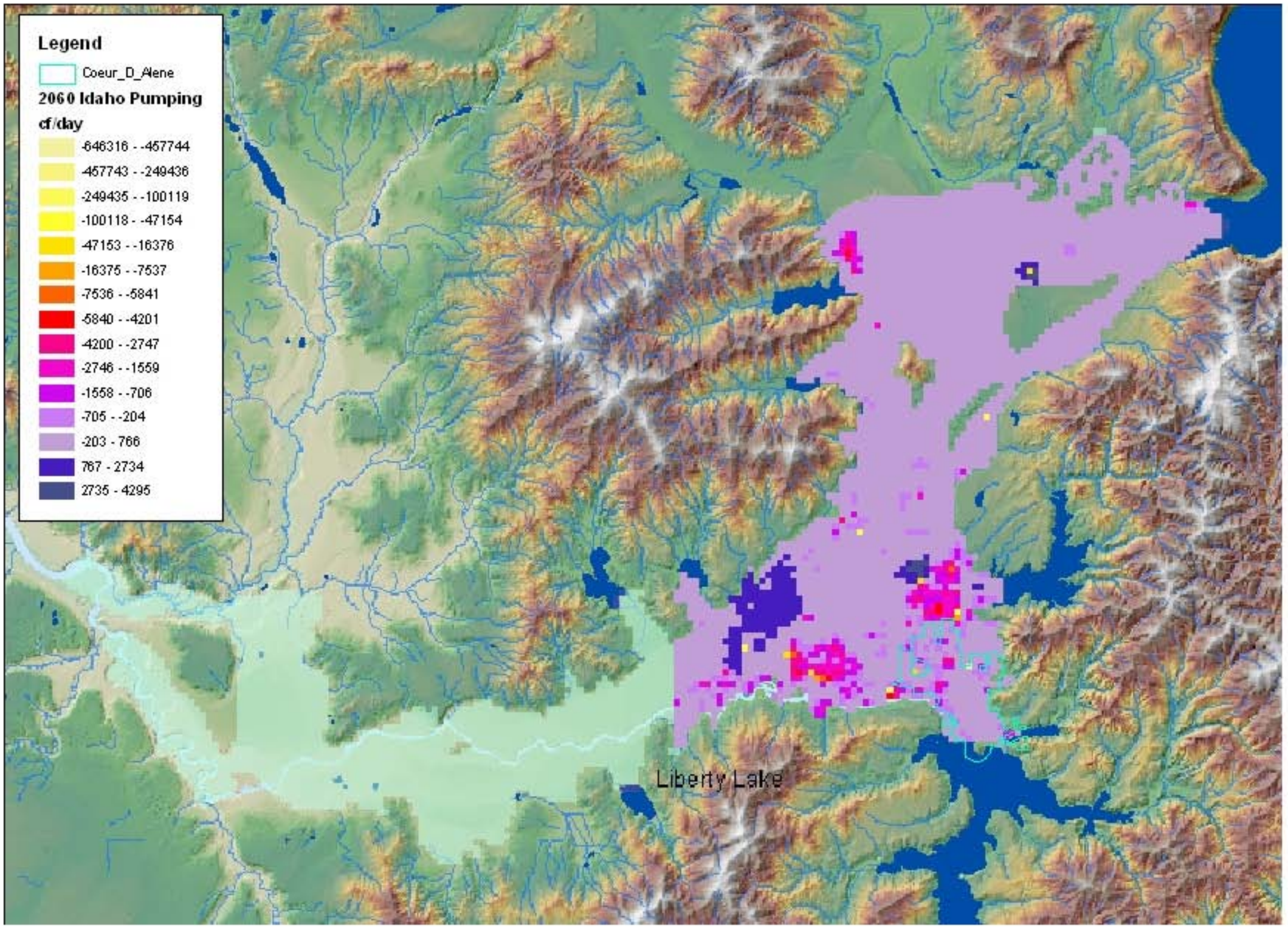
Rathdrum CAMP Scenario

June 4 2010

Allan Wylie IDWR

Rathdrum CAMP Scenario

- Evaluate Impact of expected water use in 2060 on Spokane River
  - SPF average (scenario 2b) projected water use for 2060
  - Extract water use for last year of model in Idaho
    - Hold water use constant in city of Coeur D' Alene
    - Increase water use outside city of Coeur D' Alene until matches projected 2060 use
    - Shape similar to 2005
  - Run model extracting impact on Spokane River
    - For completeness also extract impact on other hydraulically connected surface water bodies
  - Following slide is animation of projected Idaho pumping in 2060


Legend
Coeur_D_Alene
2060 Idaho Pumping
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-646316 - -457744
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-249435 - -100119
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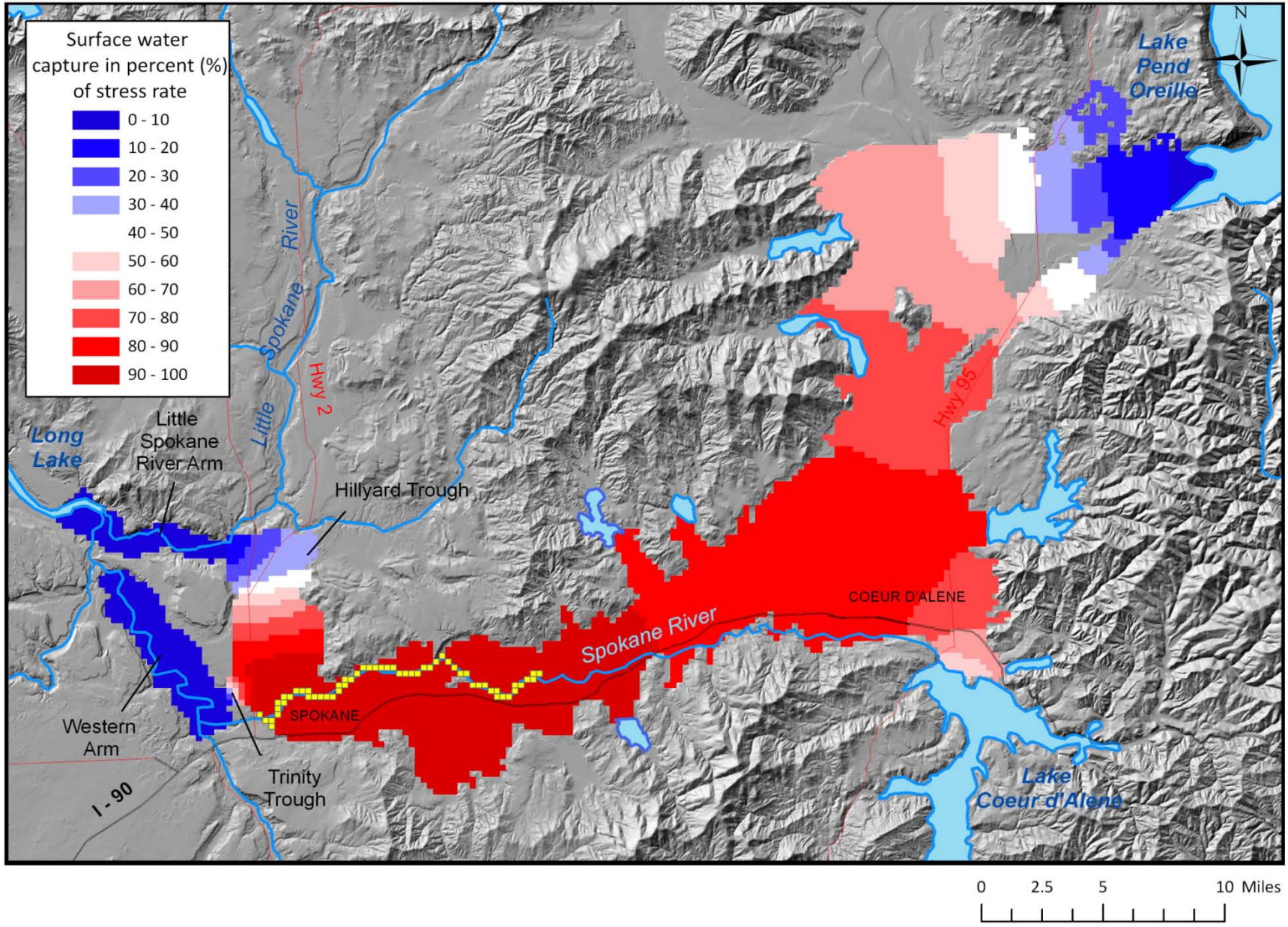
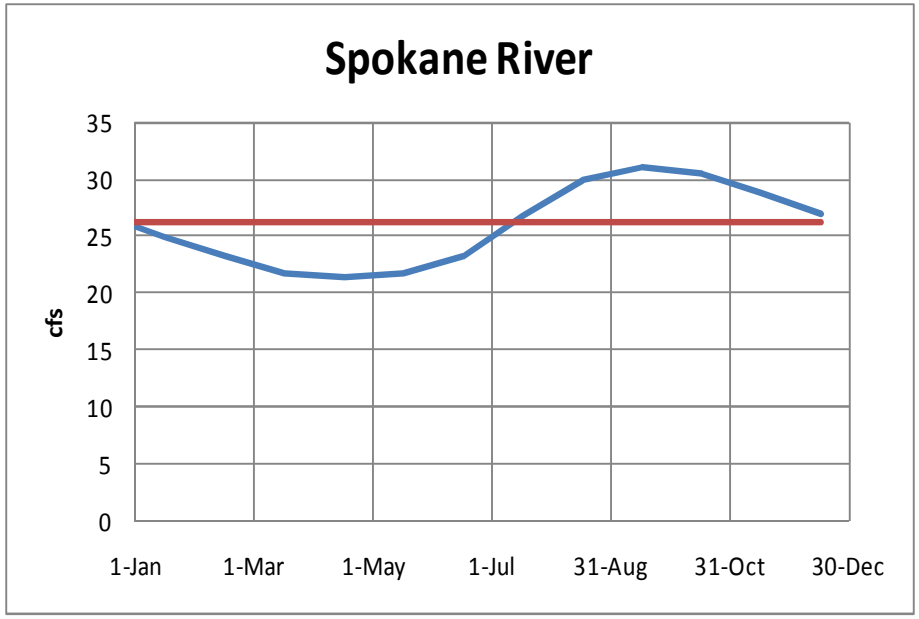
-203 - 766
767 - 2734
2735 - 4295
Liberty Lake

River Reach: Spokane River above the Spokane Gage

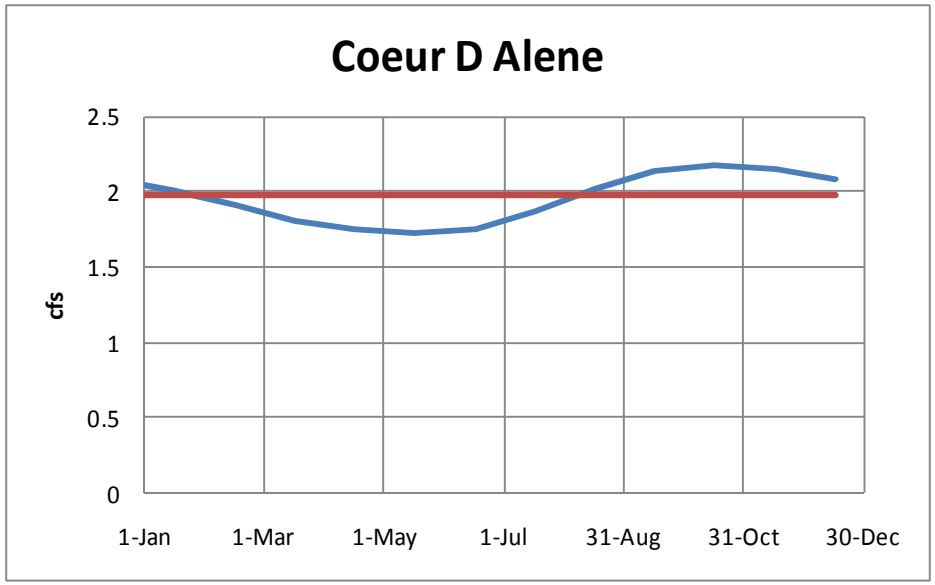


Impact of Idaho Water Use 2060



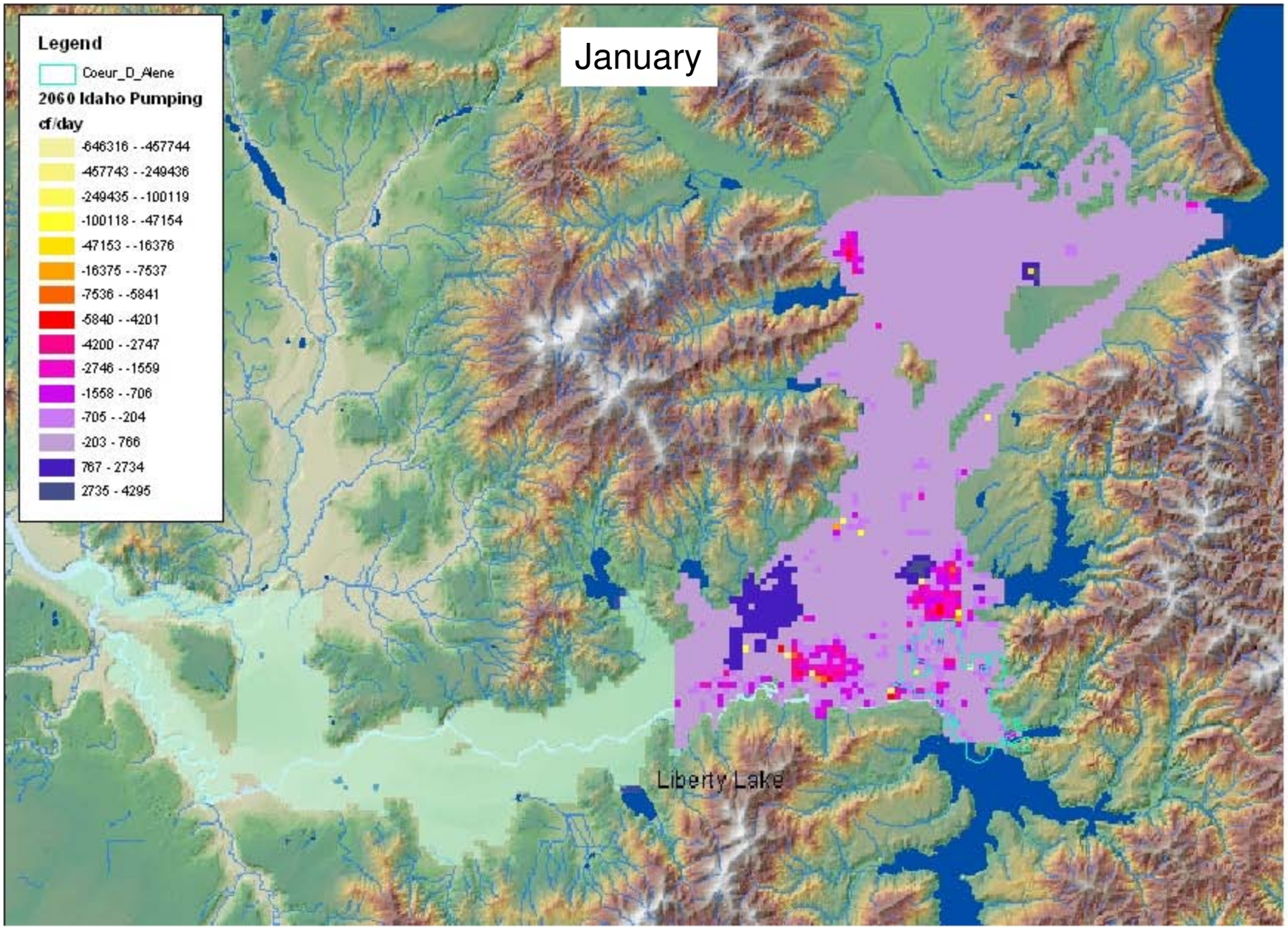
- Red line is steady state impact
- Blue line is transient impact
- All impact within state of Washington
- Peak impact of 30-31cfs in late summer likely observable

Impact of Idaho Water Use 2060



- Red line is steady state impact
- Blue line is transient impact
- Lake stage controlled by dam
- Impact will be realized in Spokane River

END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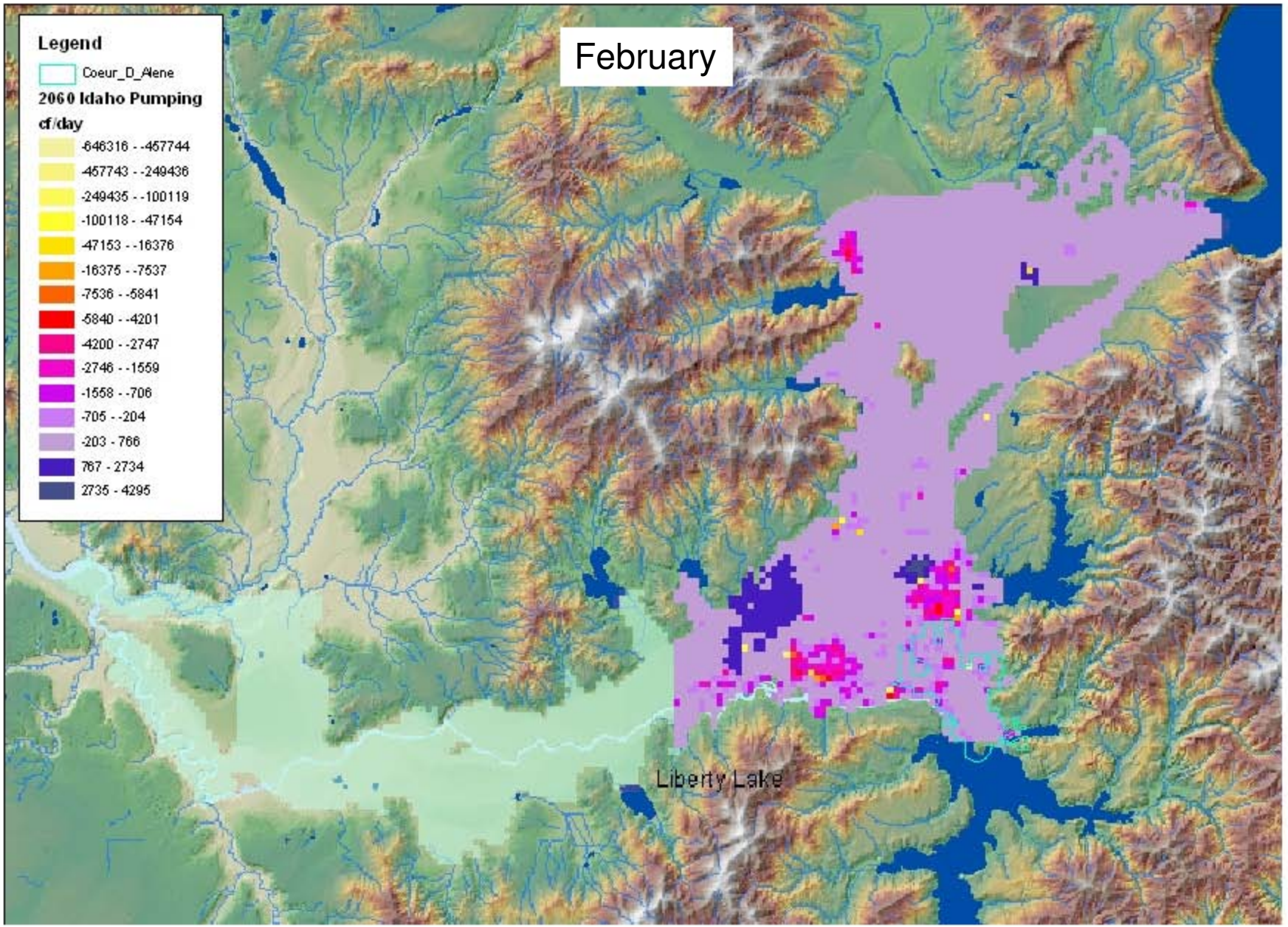
January
Liberty Lake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February
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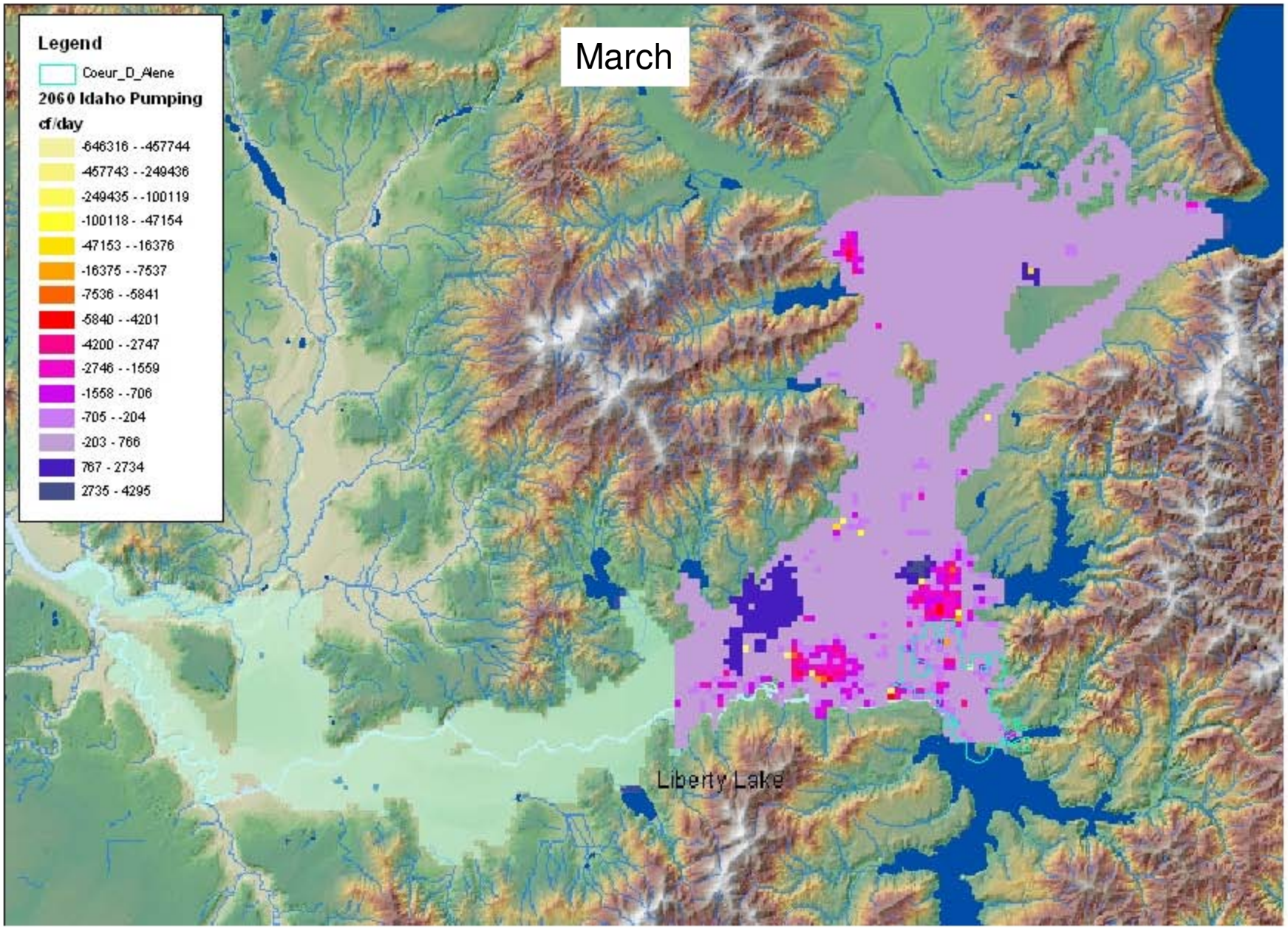
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March
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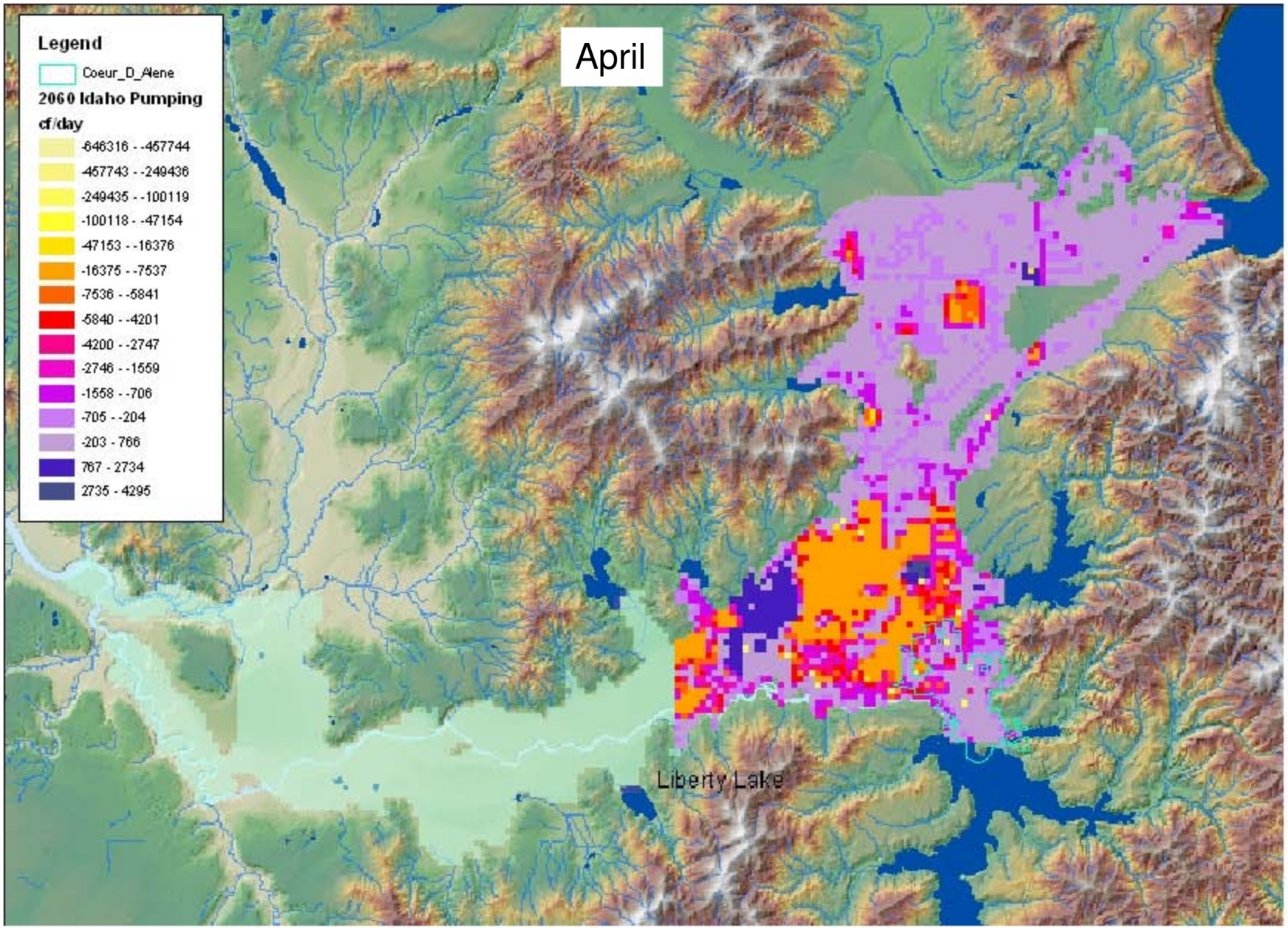
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April
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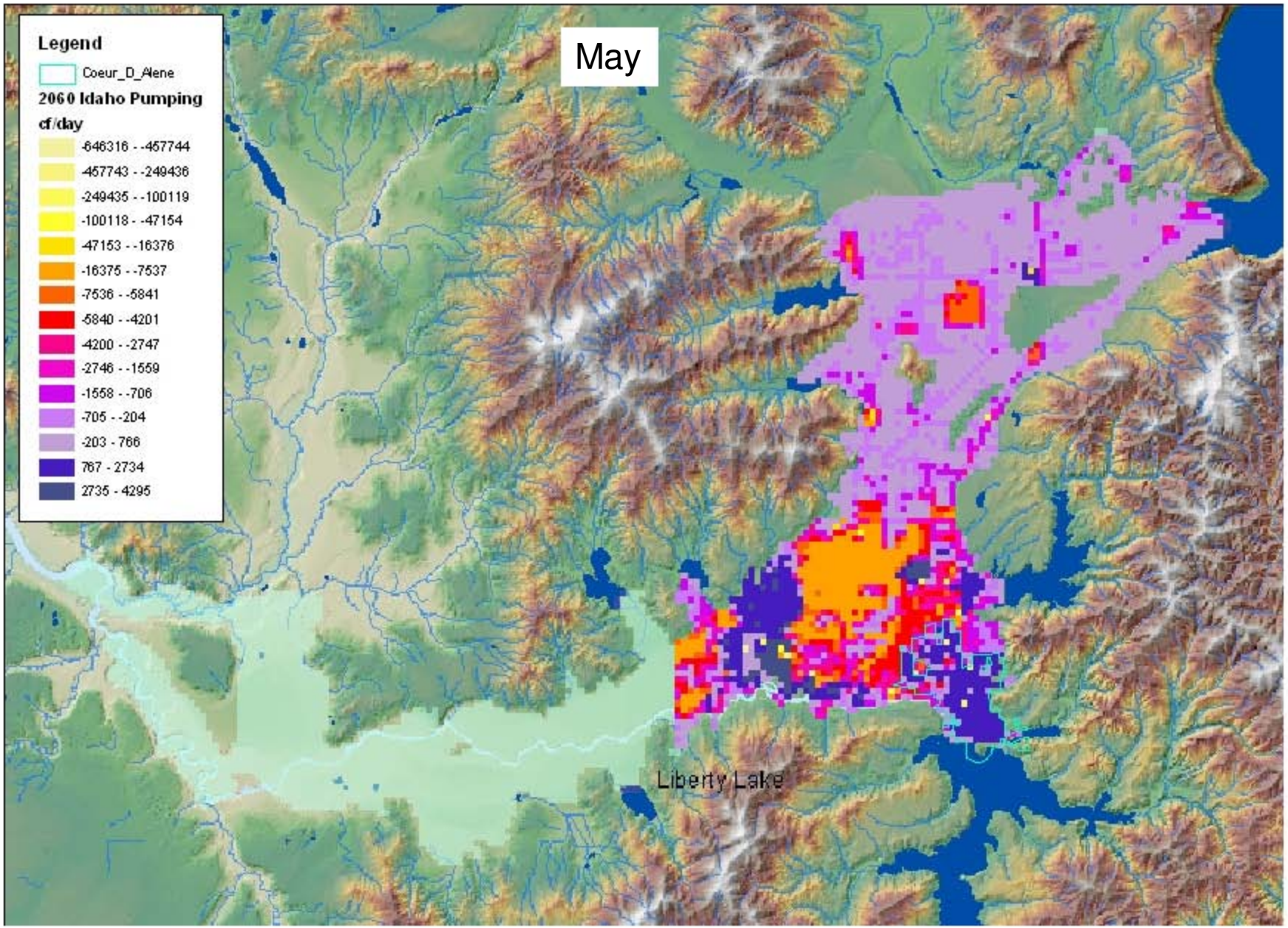
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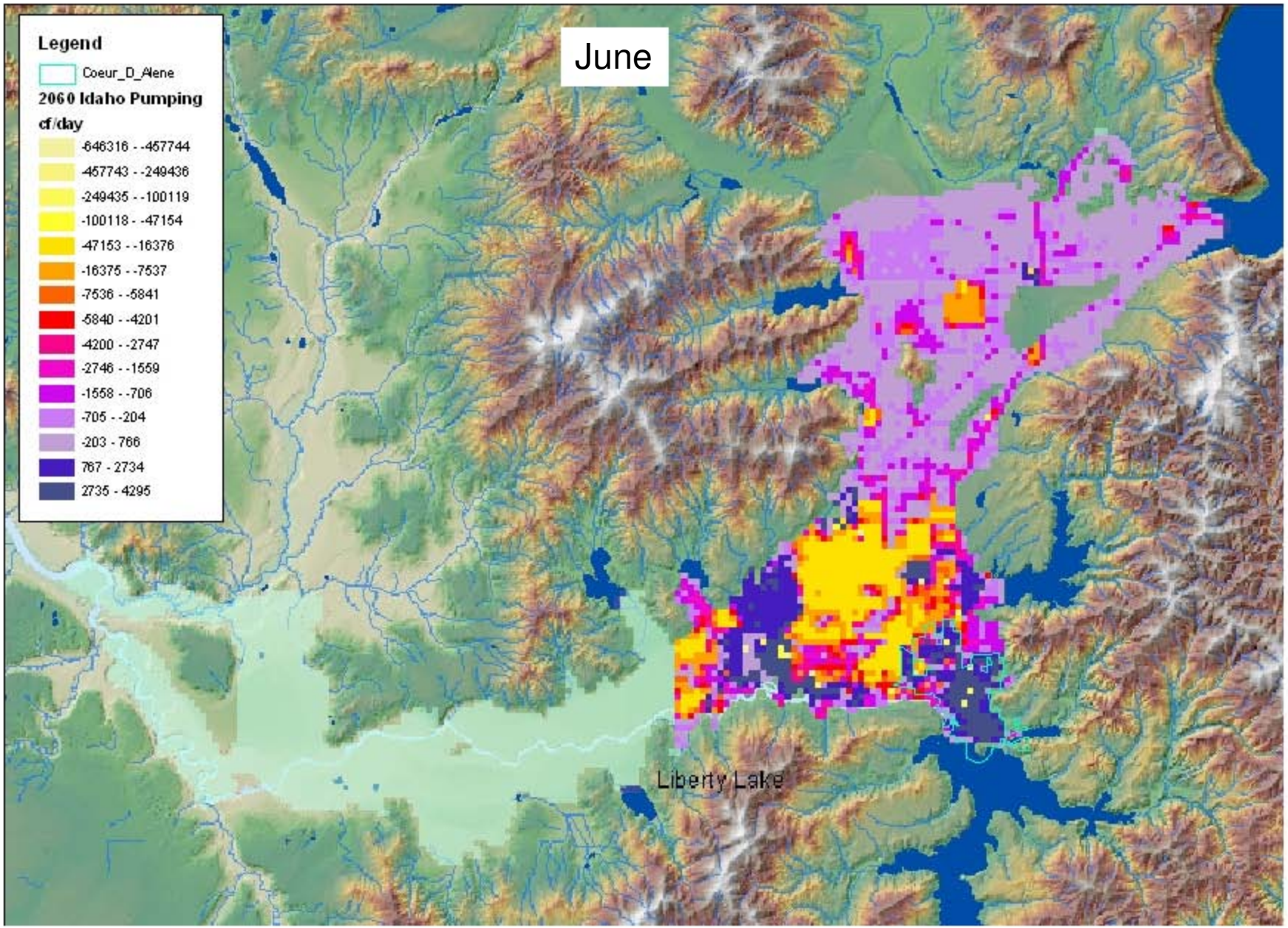
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June
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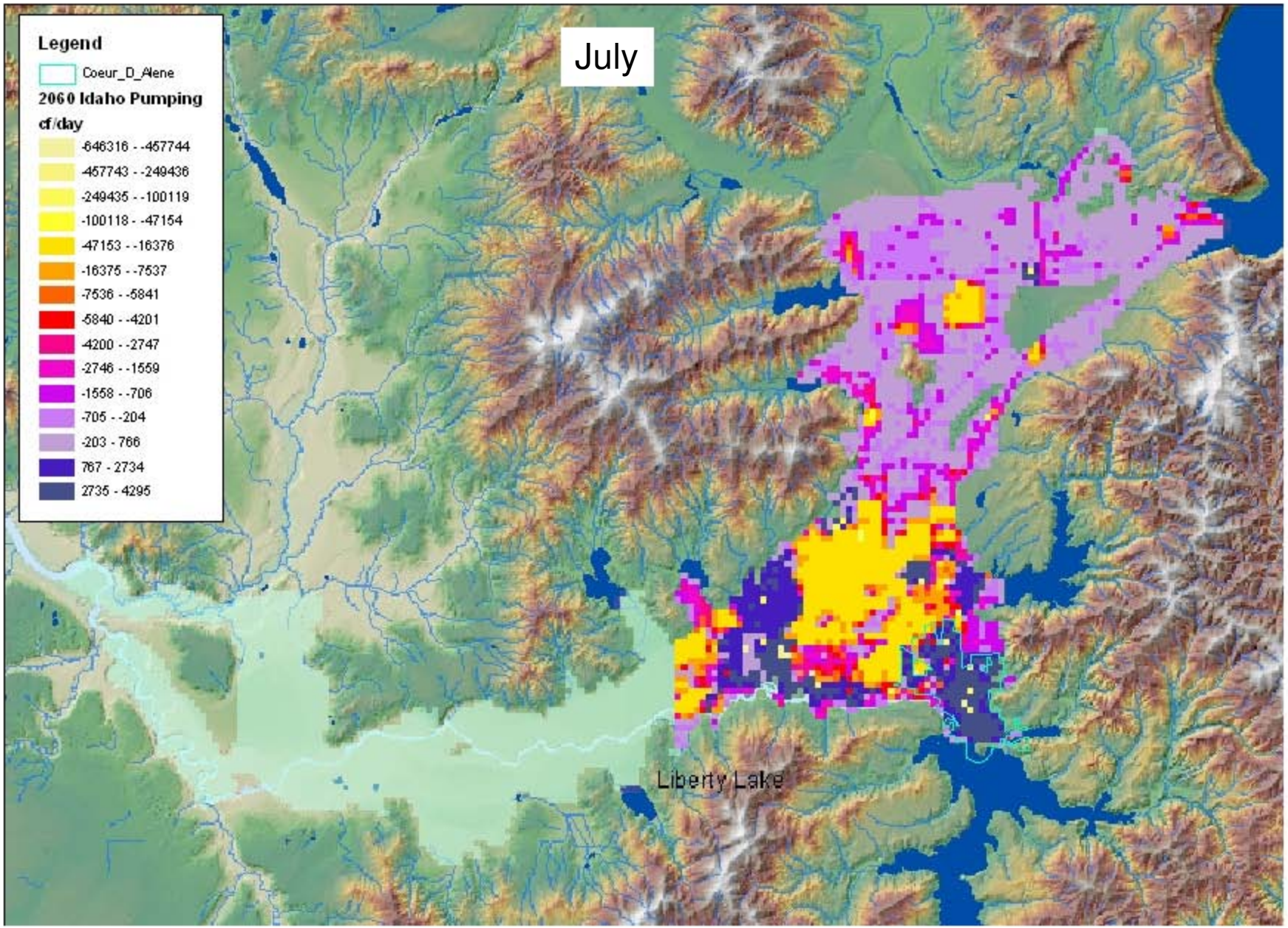
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July
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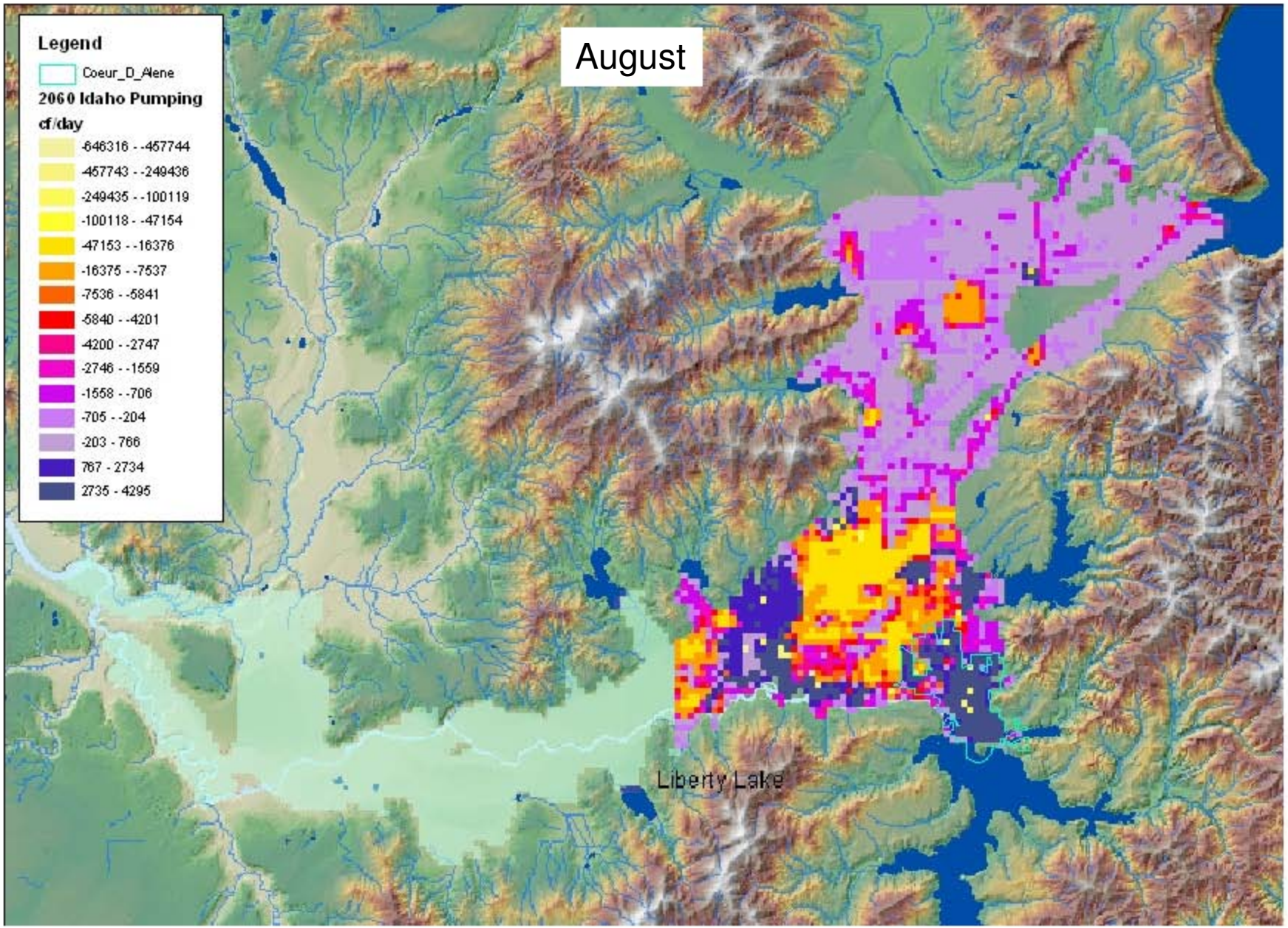
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August
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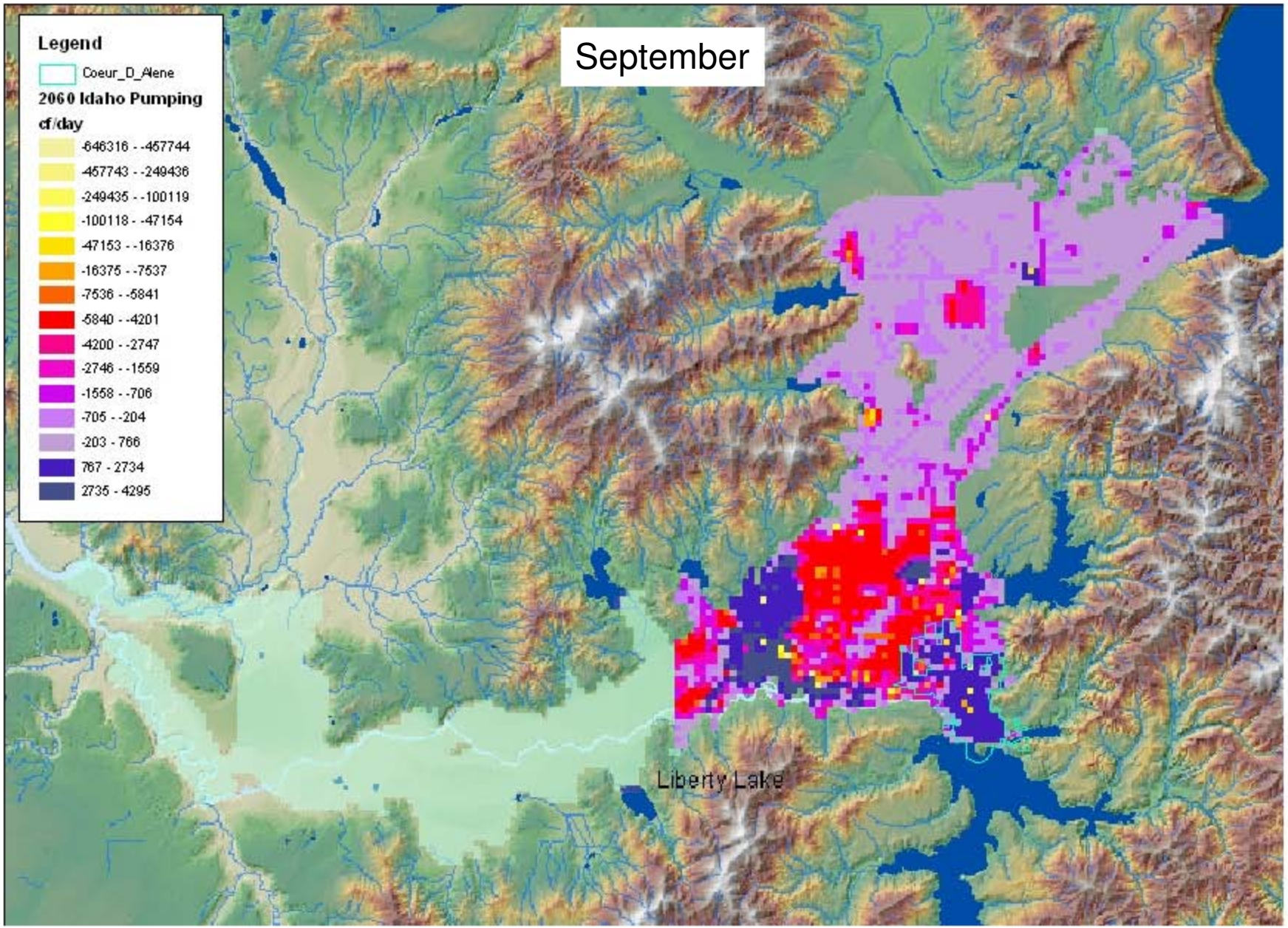
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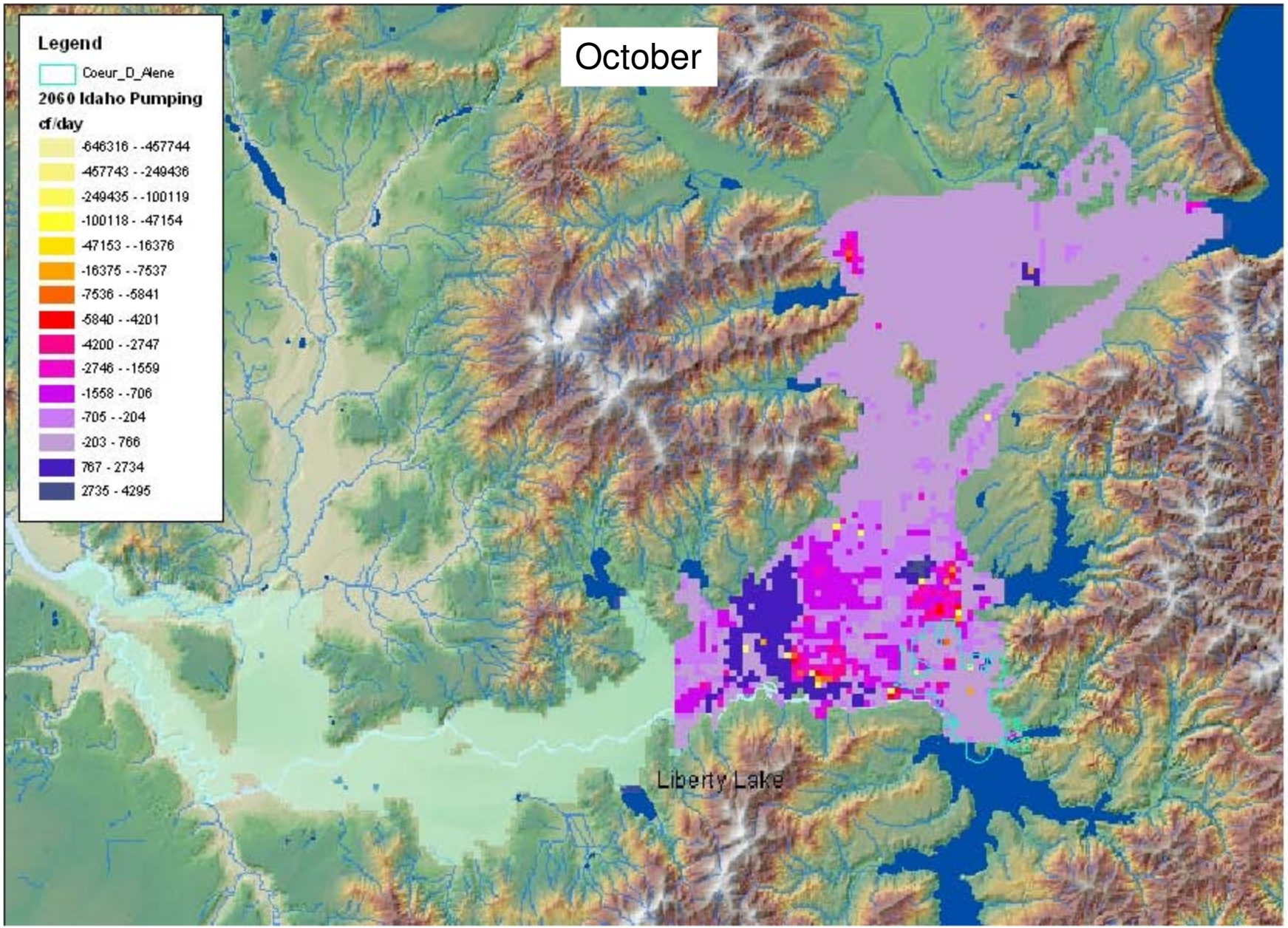
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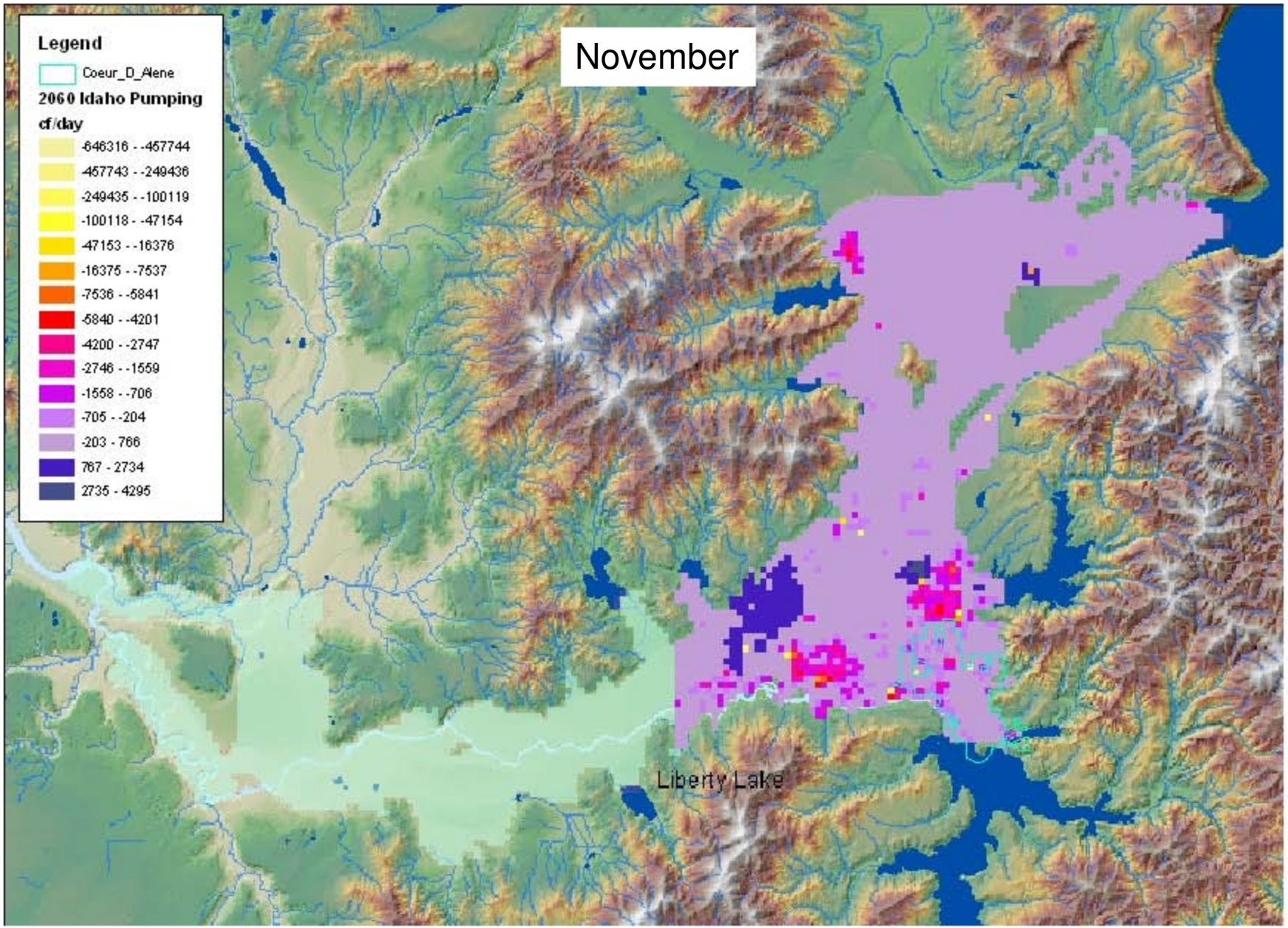
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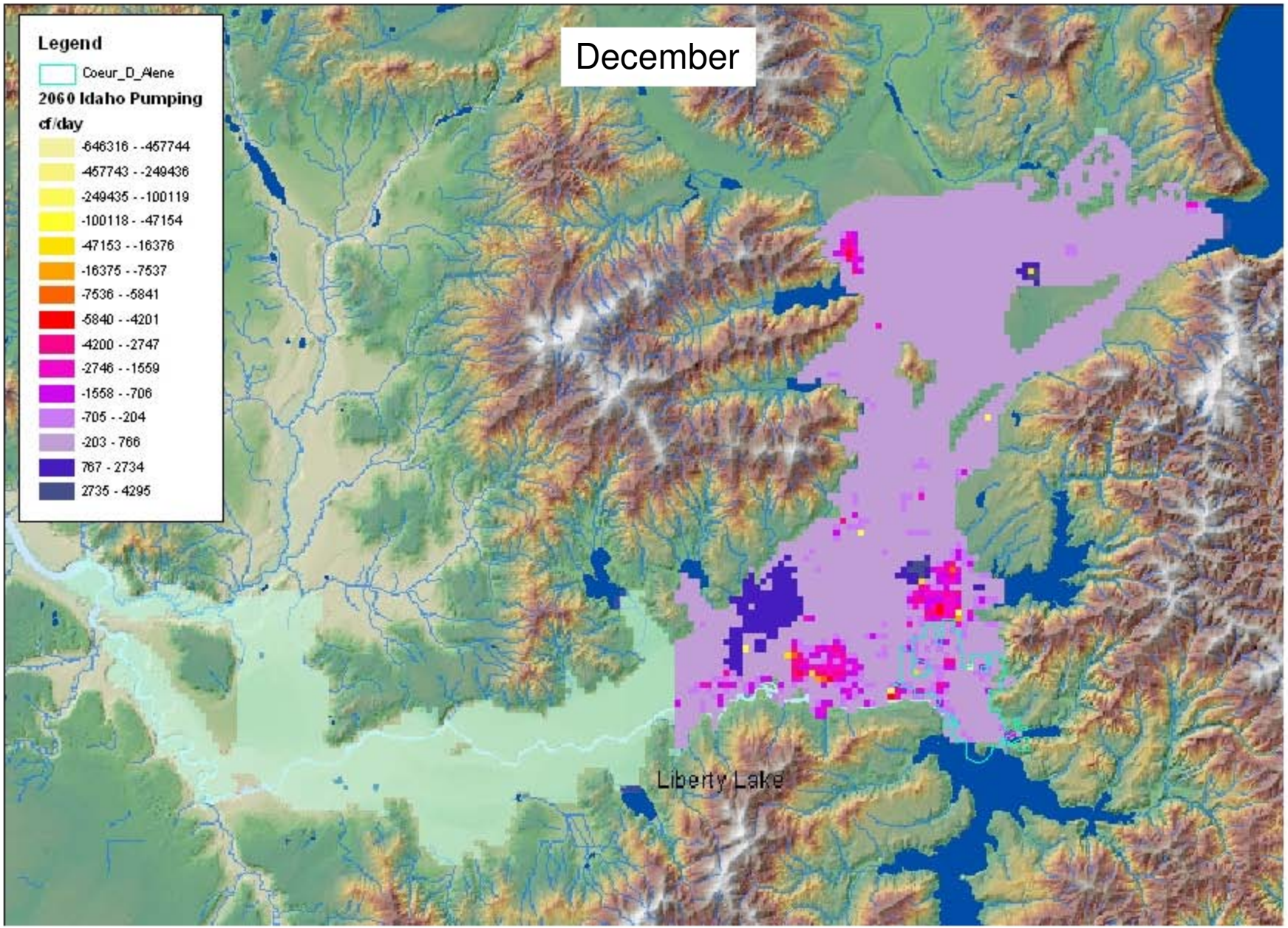
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December
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