Lower Colorado River Multi-Species Conservation Program

Balancing Resource Use and Conservation

Habitat Use and Movements of Juvenile Flannelmouth Sucker Below Davis Dam using Radio and Sonic Telemetry

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Background

- Not historically common
- 611 fish stocked in 1976 (AZGFD)
- Established self-sustaining population ~2400 adults

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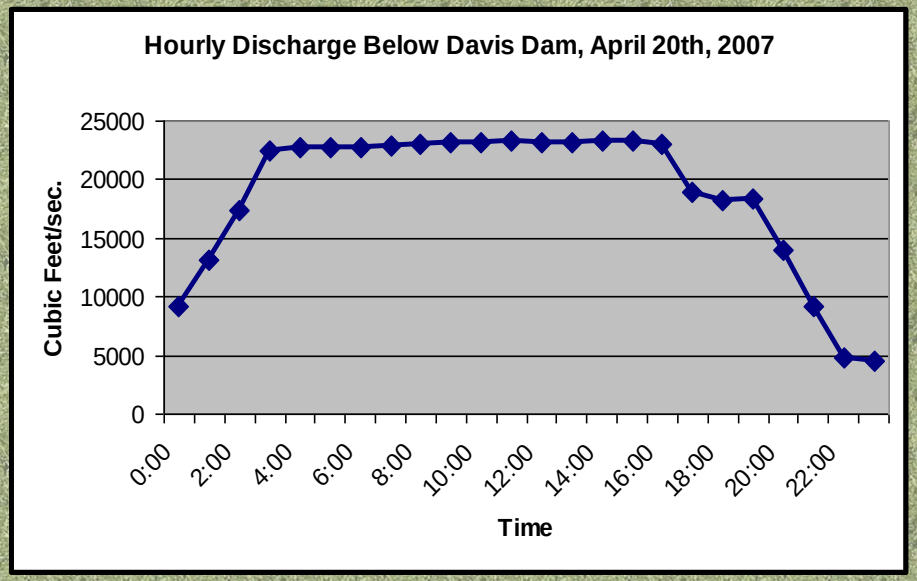
Study Area

- Davis Dam to Lake Havasu
- Upper half = Reinforced shorelines and Rocky substrates
- Lower half = Canyon walls, large backwaters, sandy substrates



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Juvenile/Subadult FMS

- Target juv/subadults from LM inflow
- Implanted with tags at LM Hatchery and allowed to recover
- 30 sonic and 8 radio tags.

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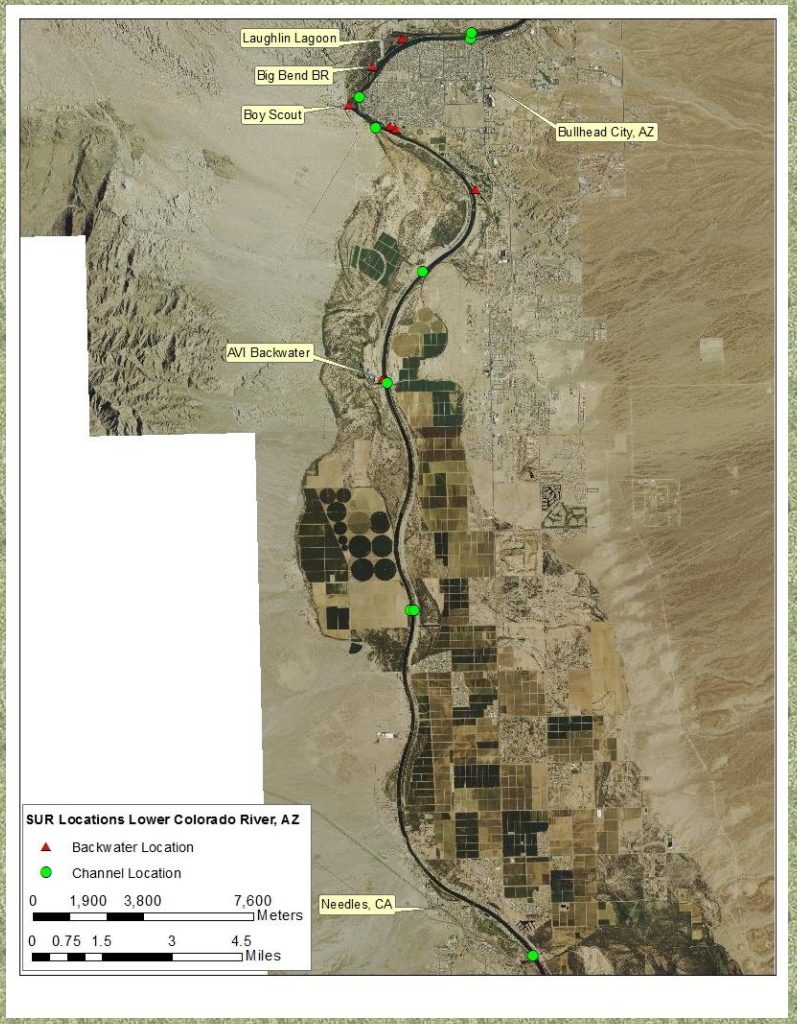
SUR Locations



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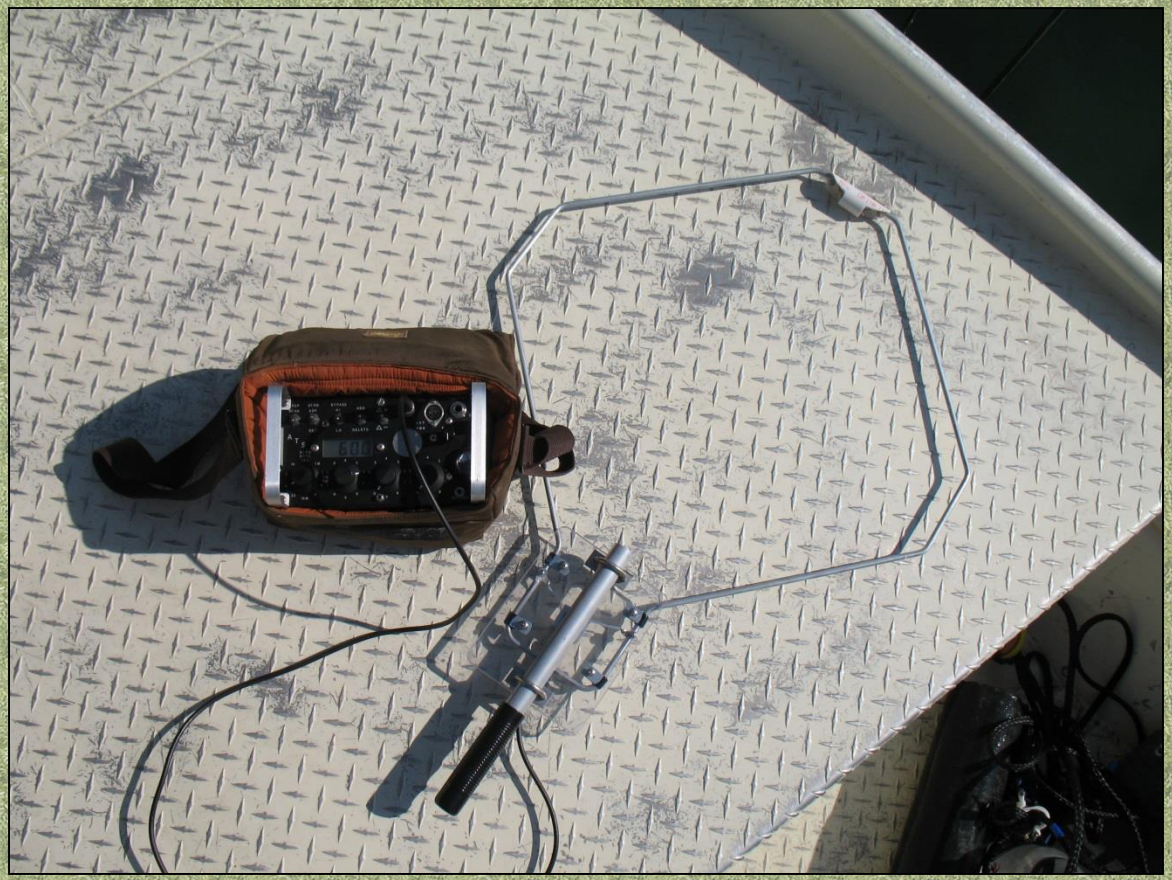

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Results

- Lost – 2 radio/12 sonic
- Morts.- 1 radio/5 sonic
- Good data – 5 radio/13 sonic

Fish selected bull rush stands in channel and backwaters during the day in less turbid environments

Fish were not associated with emergent veg. in backwaters with higher turbidity

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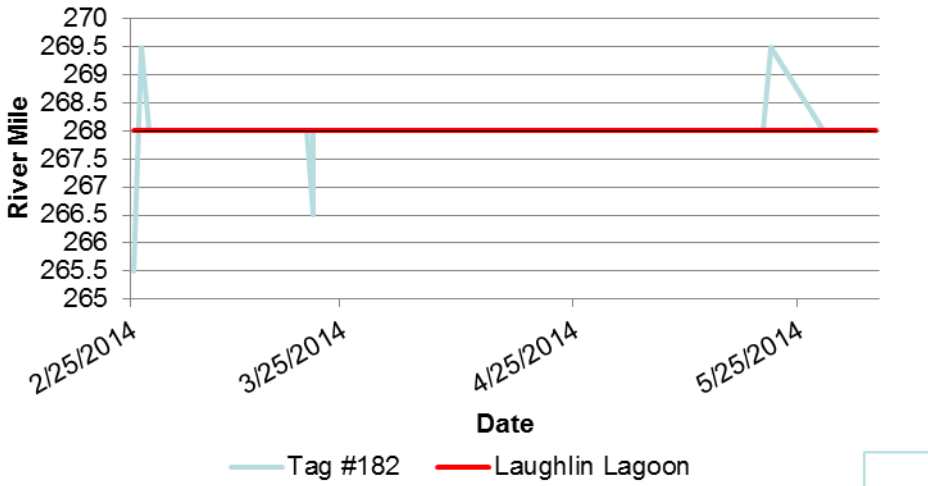

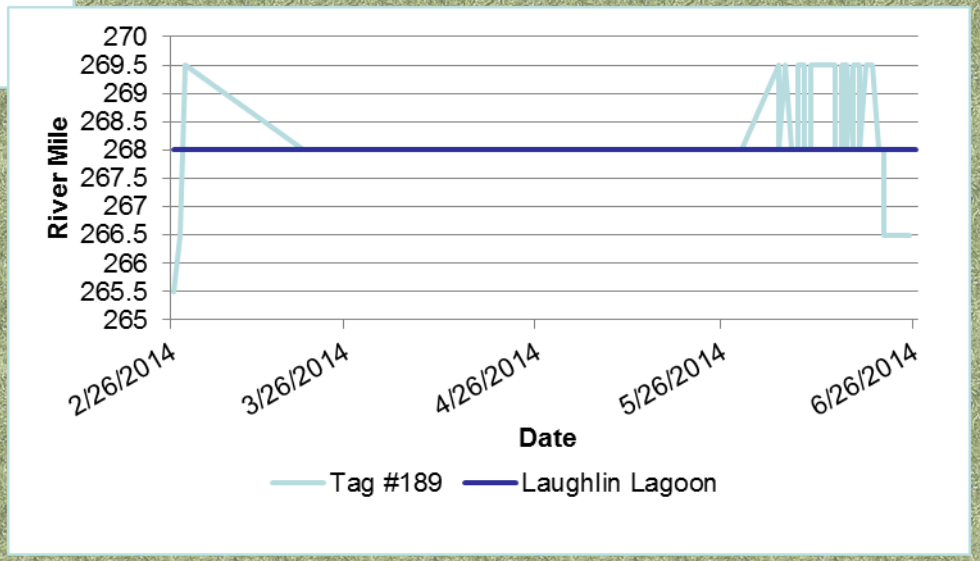

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- Lake Mead Hatchery
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- NPS
- Bio-West

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