Whooping Crane Monitoring Results Fall 2021

Mallory Jaymes

Why are we monitoring?

Whooping Crane Objective = increase survival during migration

Species performance indicators

- Proportion of population
- Distribution of use
- Length of stay

Monitoring Methods

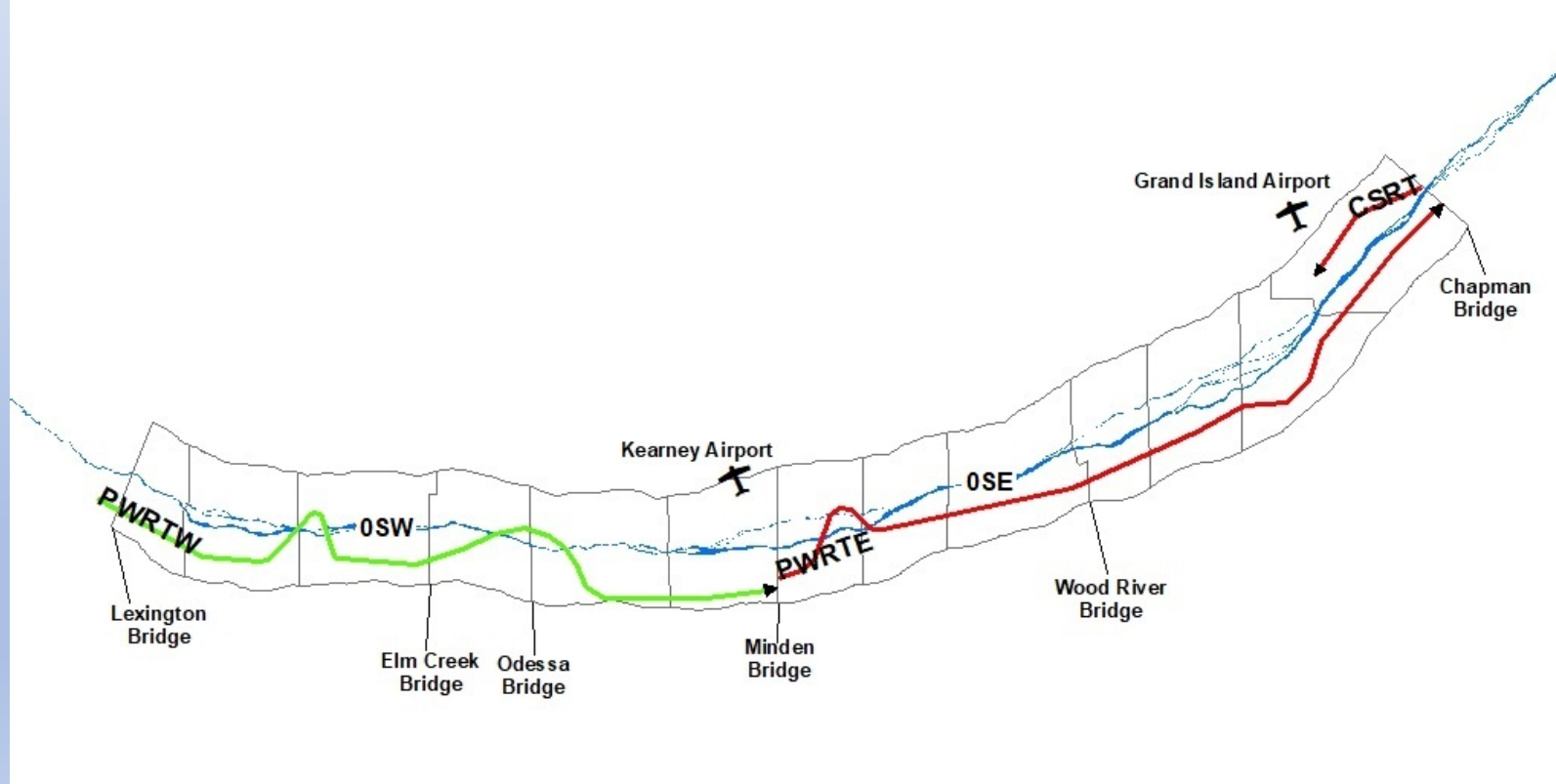
- <u>Two Seasons</u>

  Mar. 6th - Apr. 29th

  Oct. 9th - Nov. 15th

- **Two aircraft each day**

- **On & off channel systematic transects**



Monitoring Methods

Ground Crew

- Aids flight crew confirming species if needed.
- Searches when flights are cancelled due to weather and mechanical issues.

Data Collected

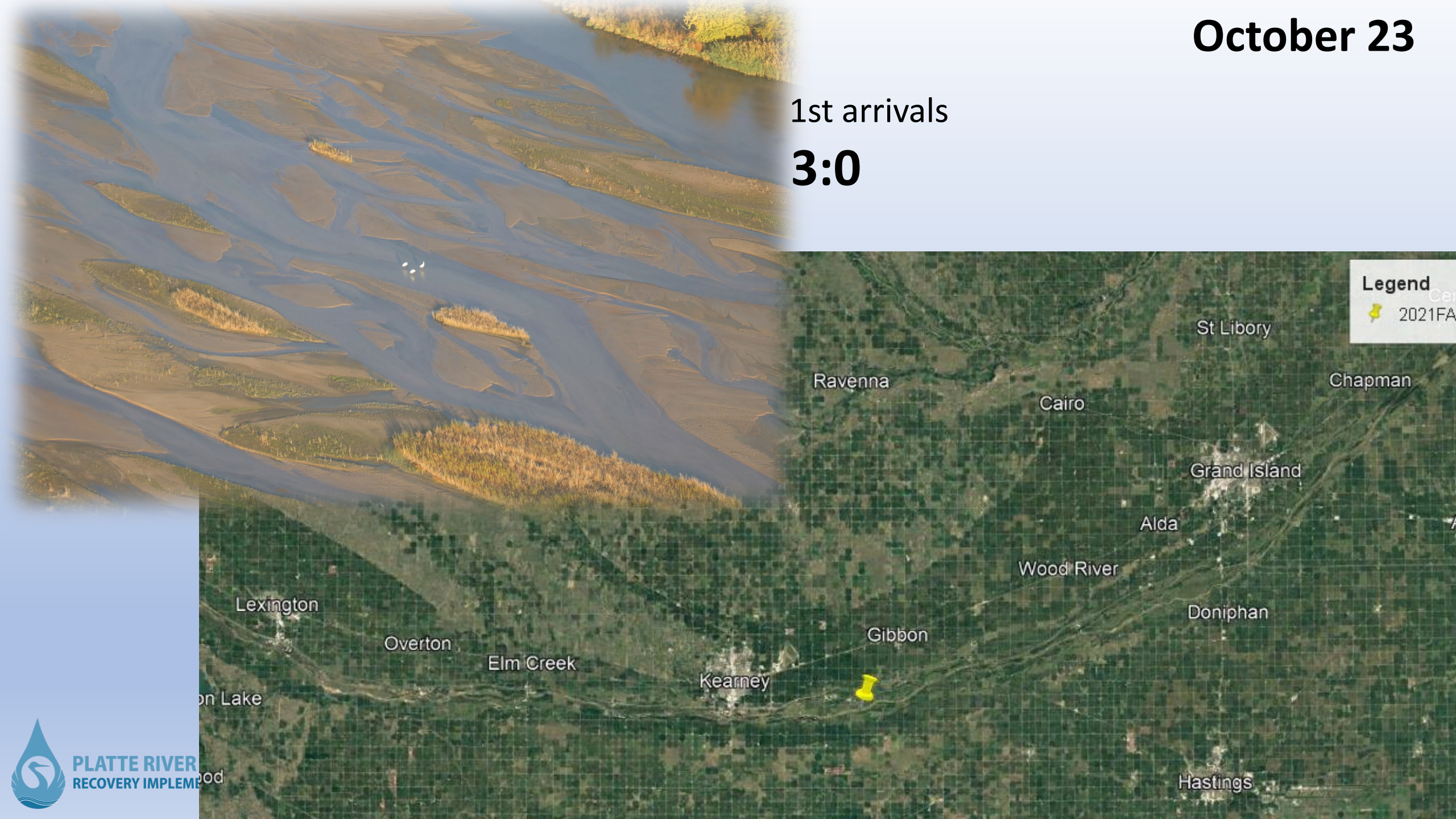
- Location
- Unobstructed channel width
- Nearest Forest
- Flow

Fall 2021 season results

October 23

1st arrivals

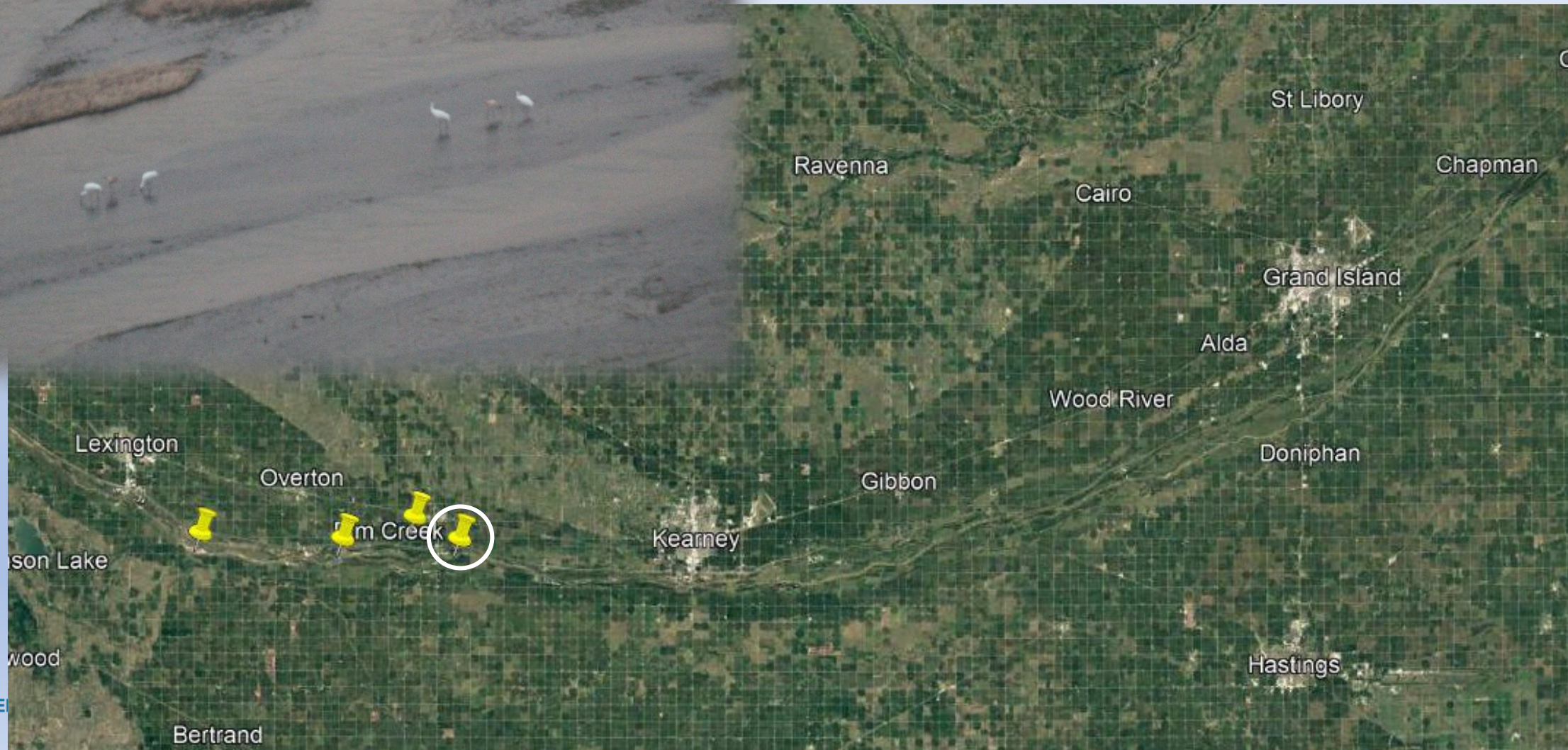
3:0



PLATTE RIVER
RECOVERY IMPLEME

October 31st- Halloween

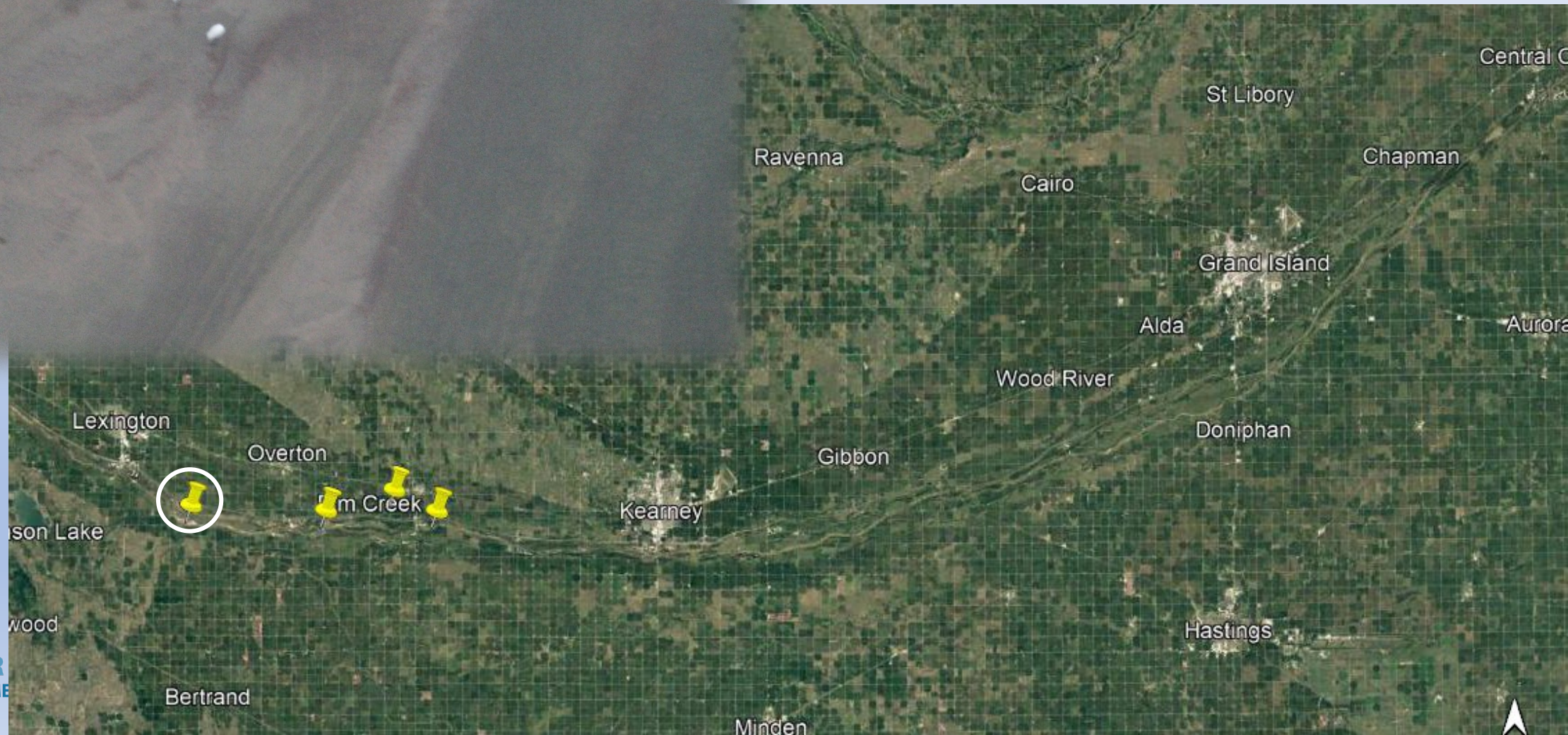
4:2



PLATTE RIVER
RECOVERY IMPLEME

October 31st- Halloween

8:2

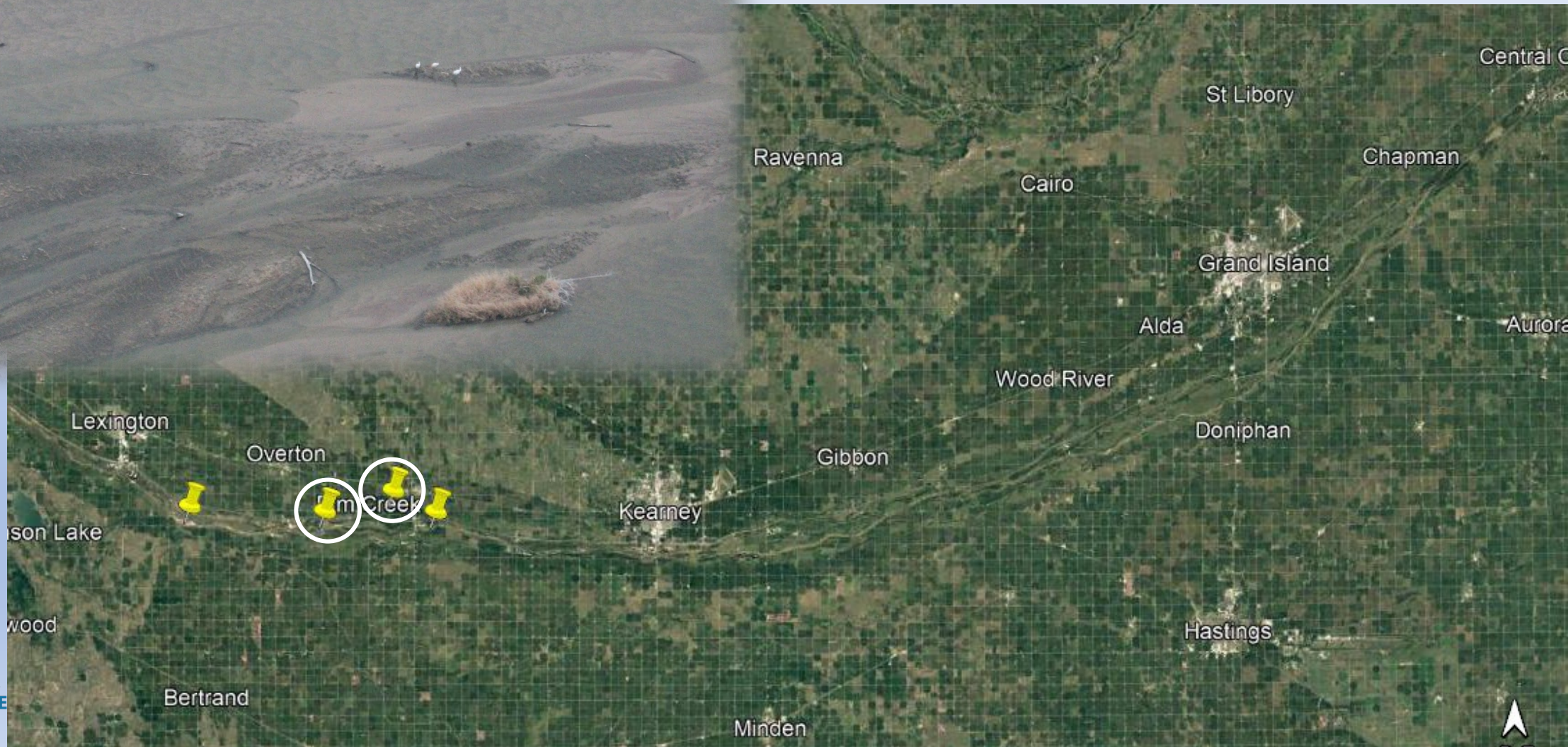


PLATTE RIVER
RECOVERY IMPLEME

20 whooper day!

October 31st- Halloween

2:1
And a 1:0 inflight



PLATTE RIVER
RECOVERY IMPLEME

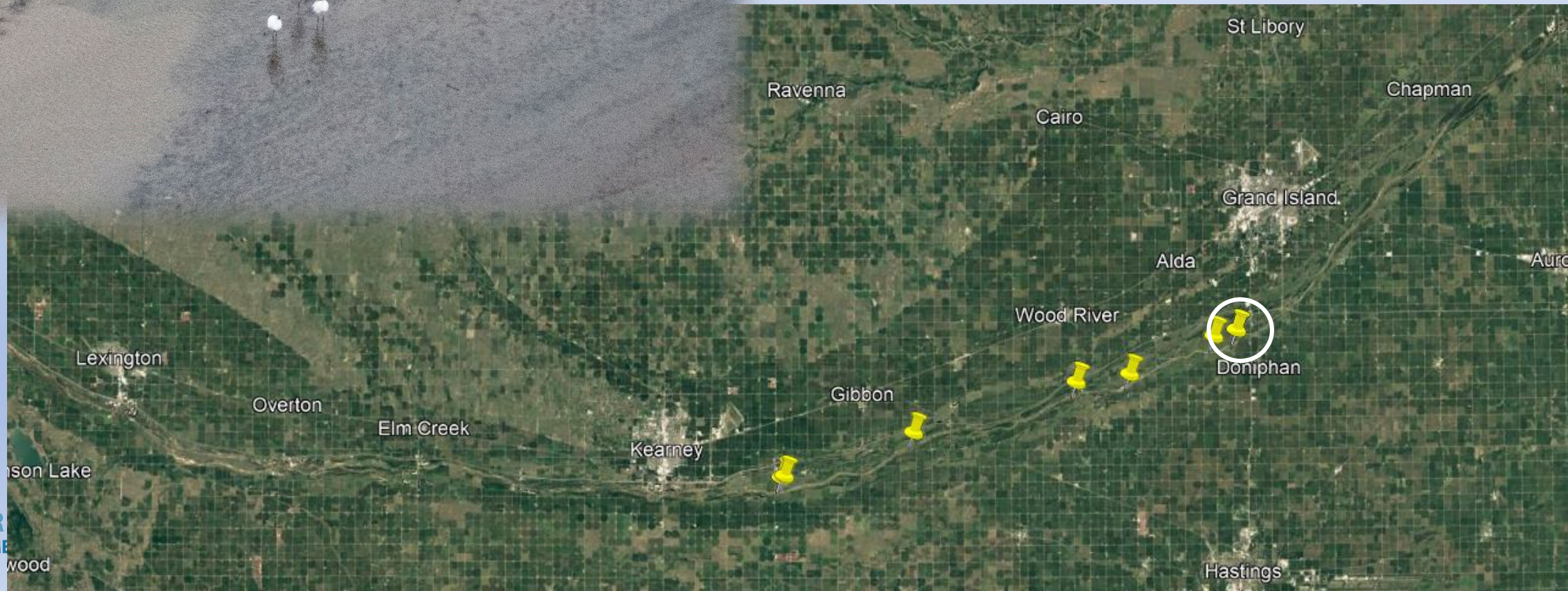
Fog set in…

November 3rd

PLATTE RIVER
RECOVERY IMPLEMENTATION PROGRAM

November 3rd

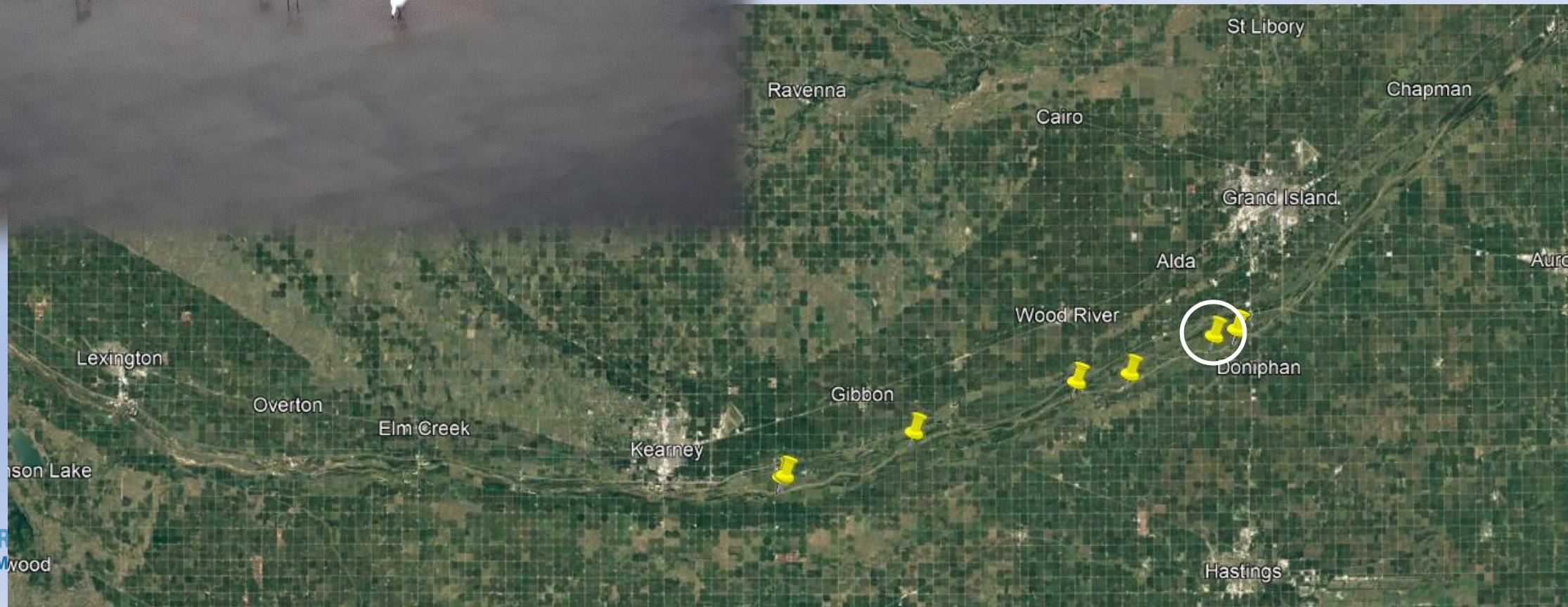
6:2



PLATTE RIVER
RECOVERY IMPLEME

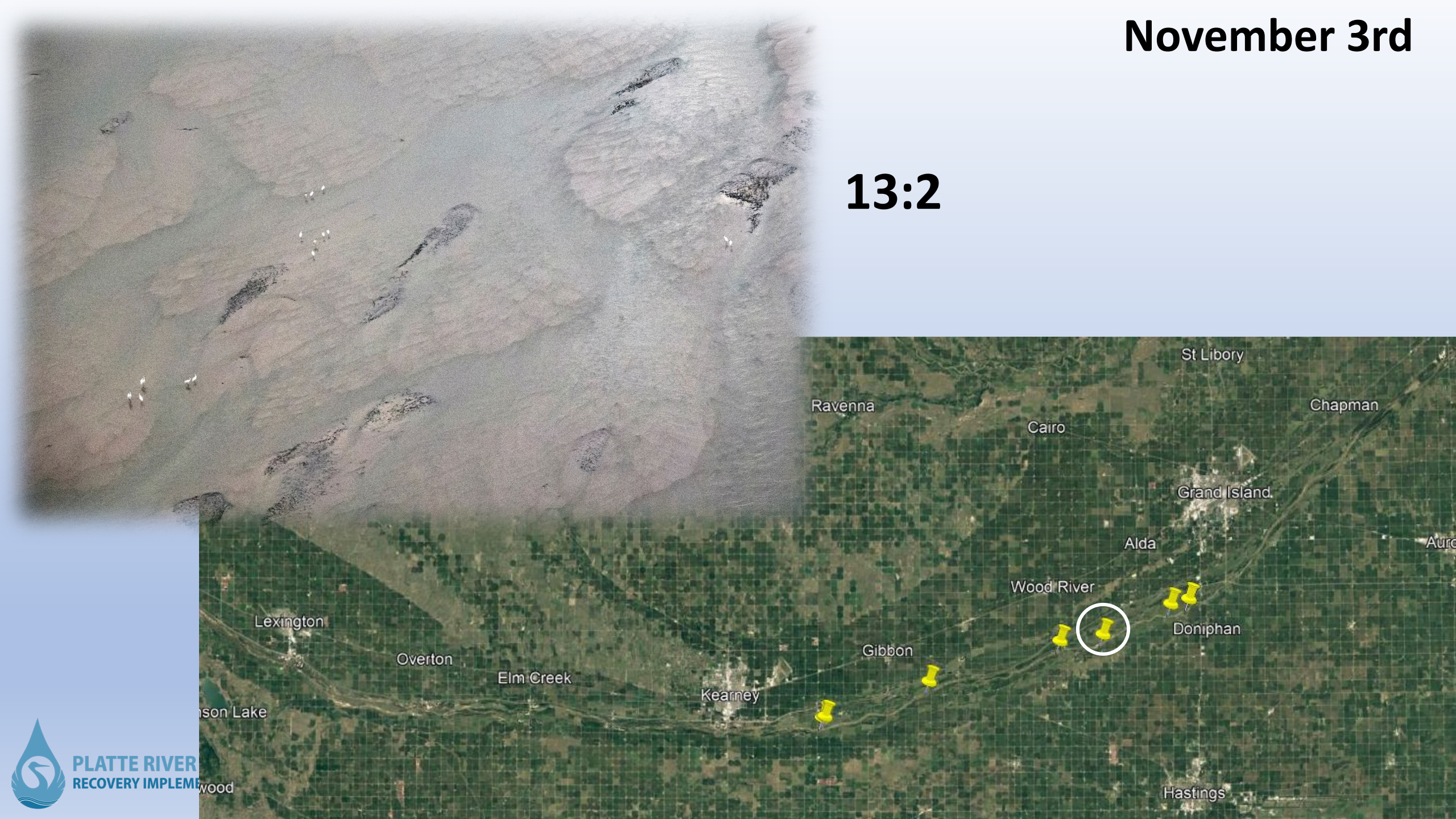
November 3rd

15:3



PLATTE RIVER
RECOVERY IMPLEM

November 3rd



PLATTE RIVER
RECOVERY IMPLEME

November 3rd

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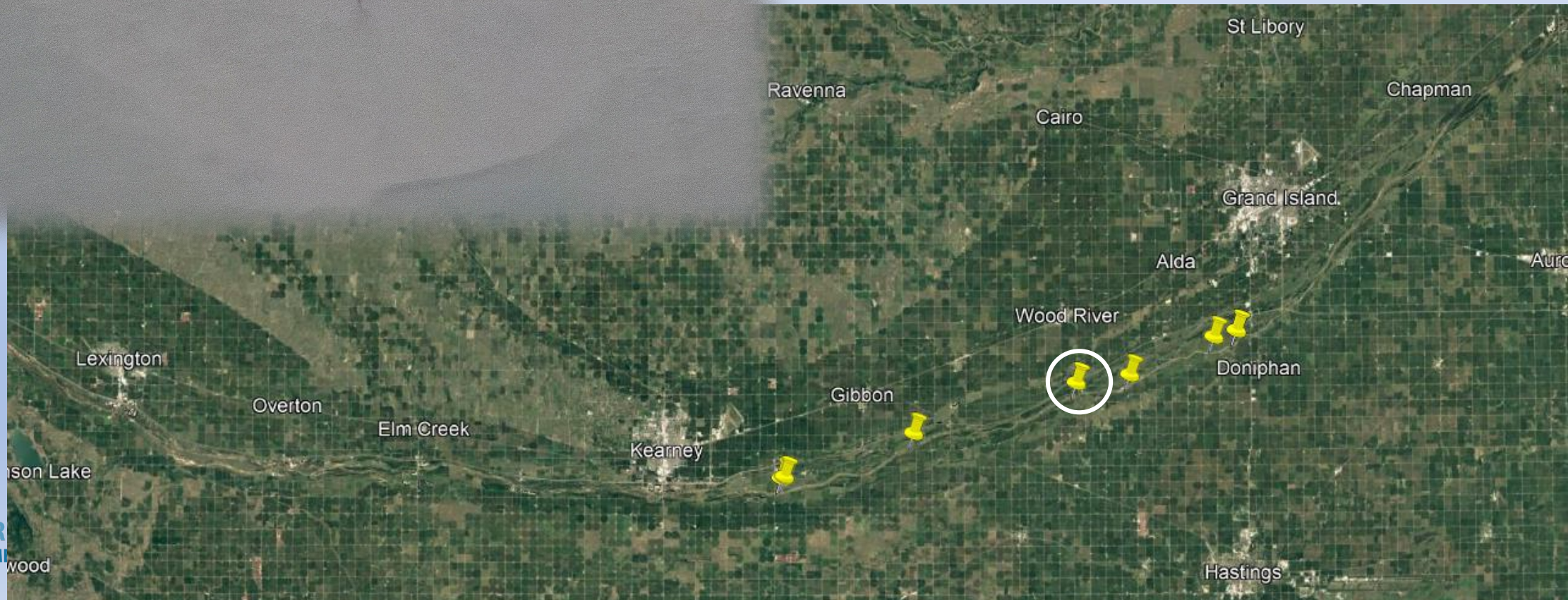
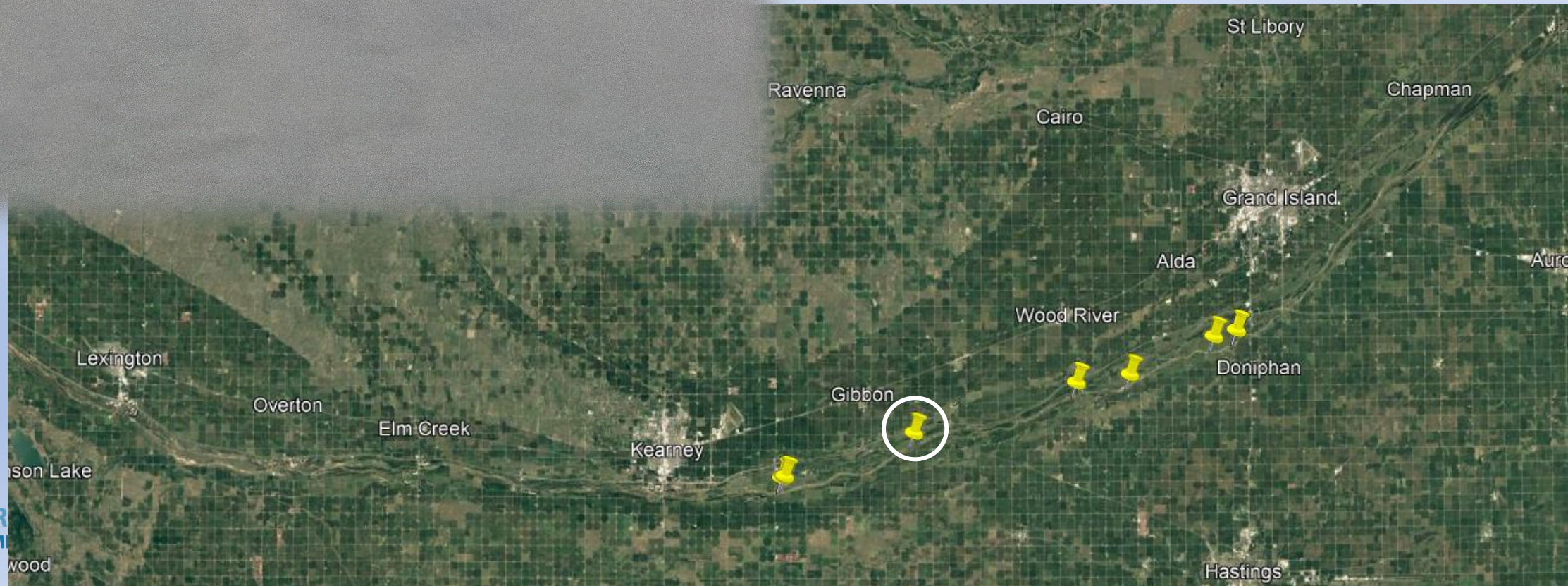


PLATTE RIVER
RECOVERY IMPLEM

November 3rd

2:1

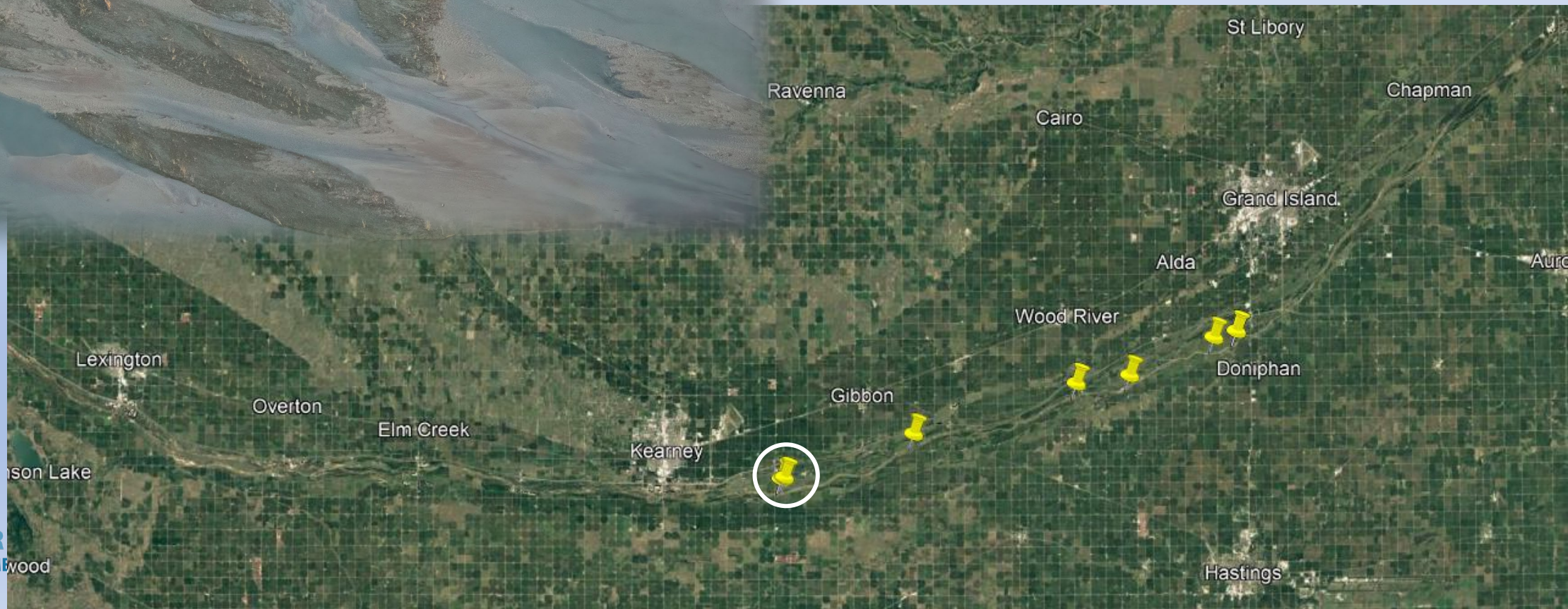


PLATTE RIVER
RECOVERY IMPLEM

November 3rd

56 whooper day!

6:2



PLATTE RIVER
RECOVERY IMPLEME

Nov. 4th

Nov. 5th

39:7
Nov. 6th

39:7

Nov. 7th

Season for the Record Books

- Largest one day count
  57 whoopers

- Previous one day count records both occurred in 2017
  Spring: 38
  Fall: 21

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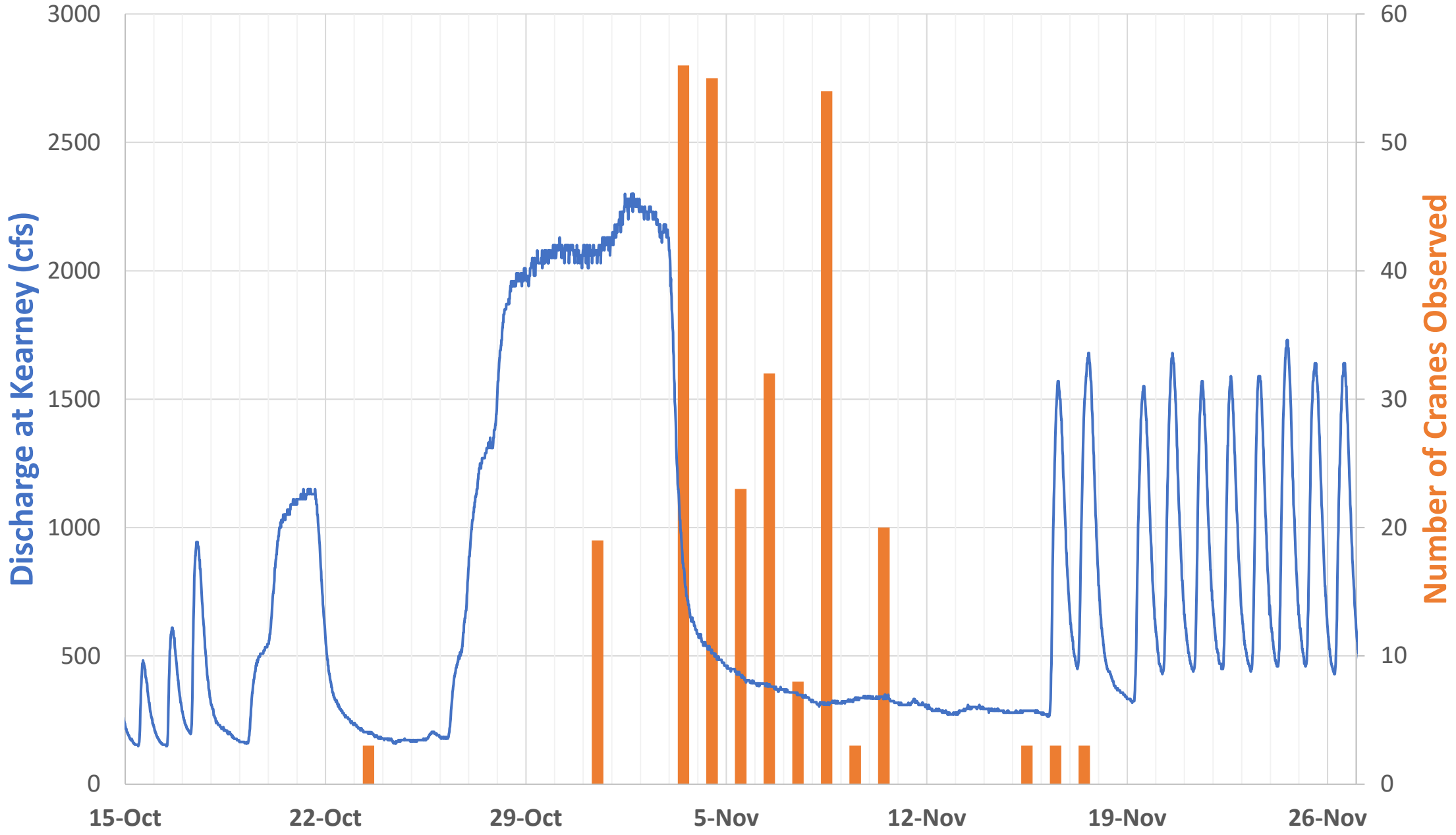

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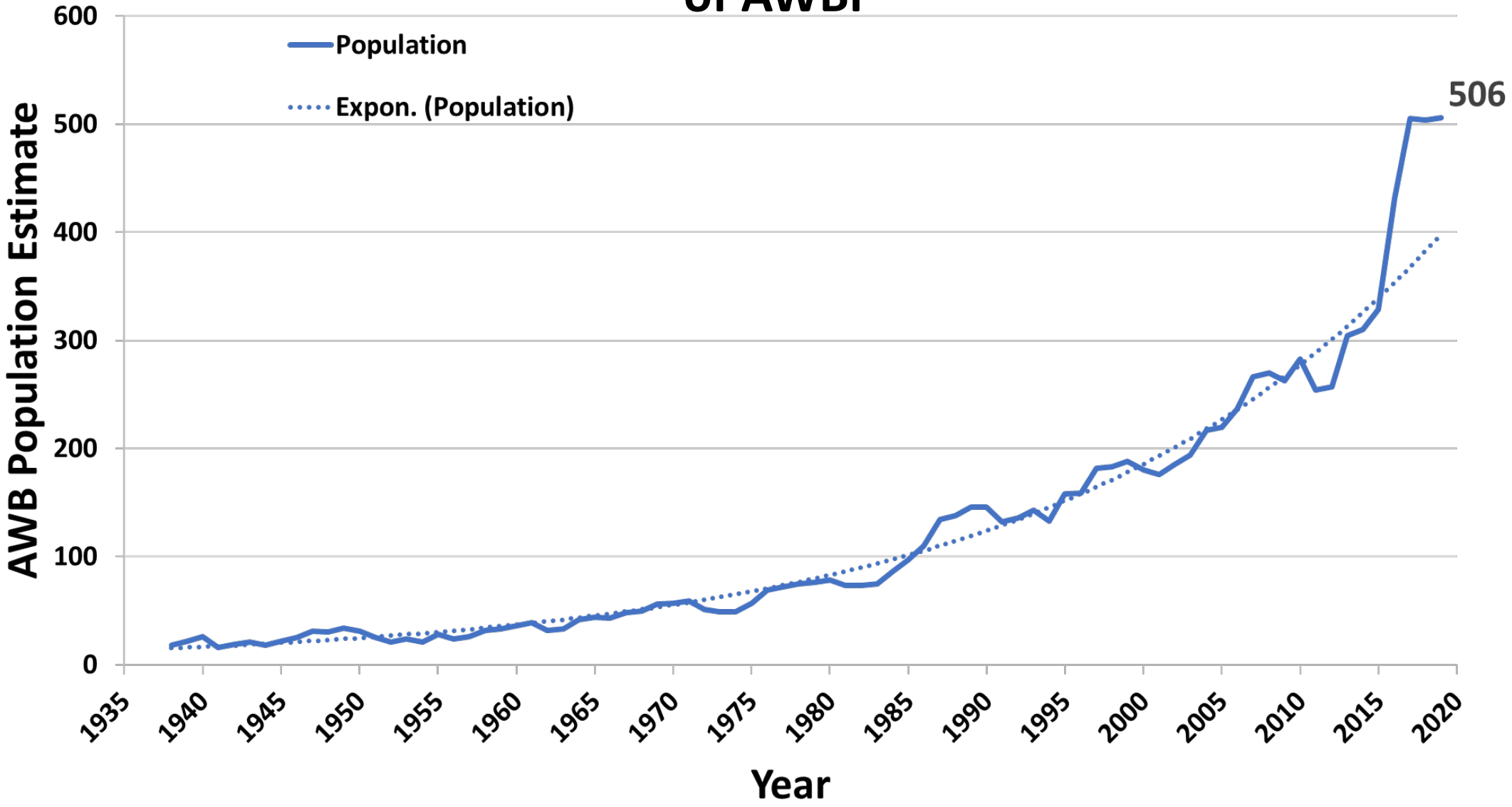
FWS Winter Survey Population Estimates of AWBP



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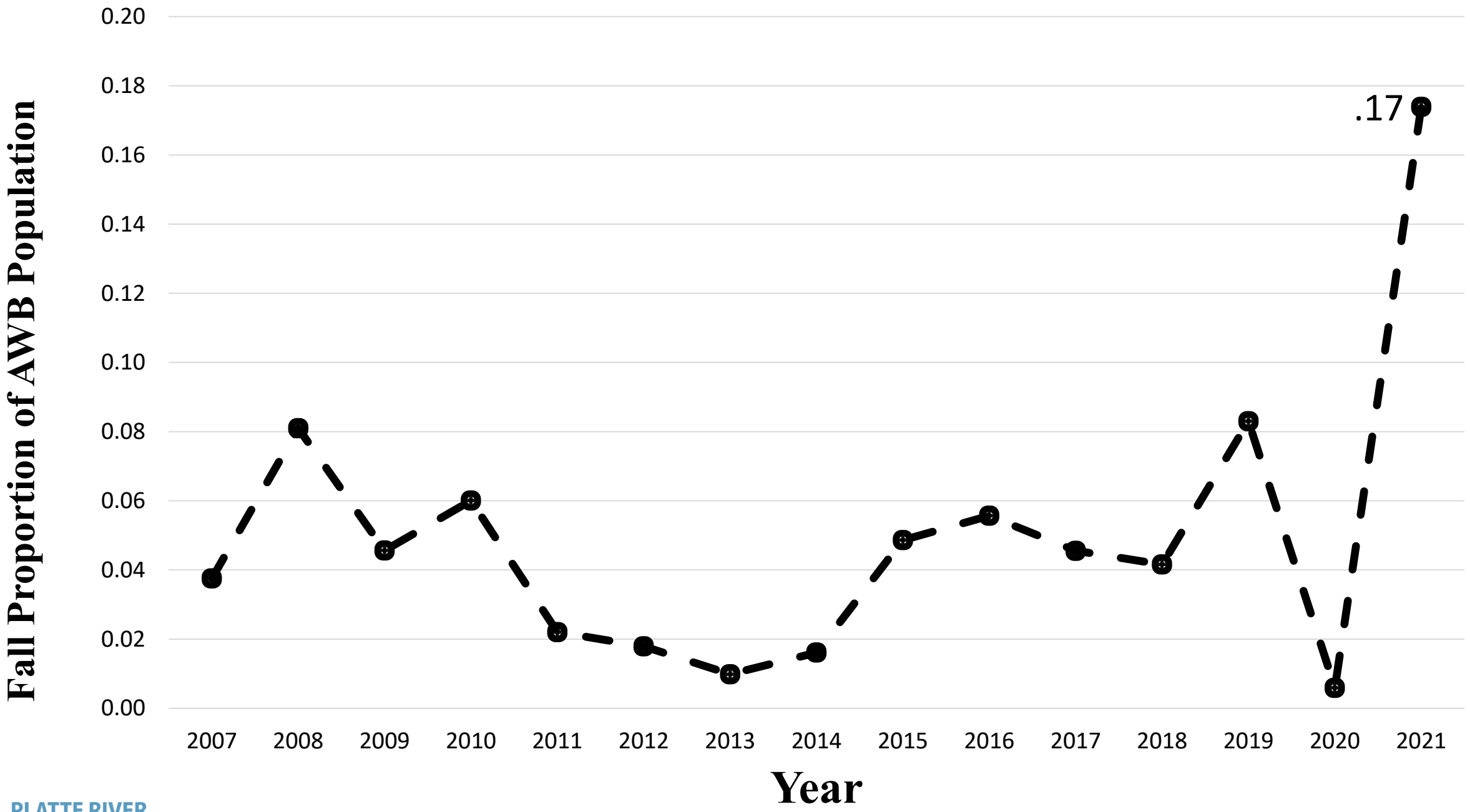

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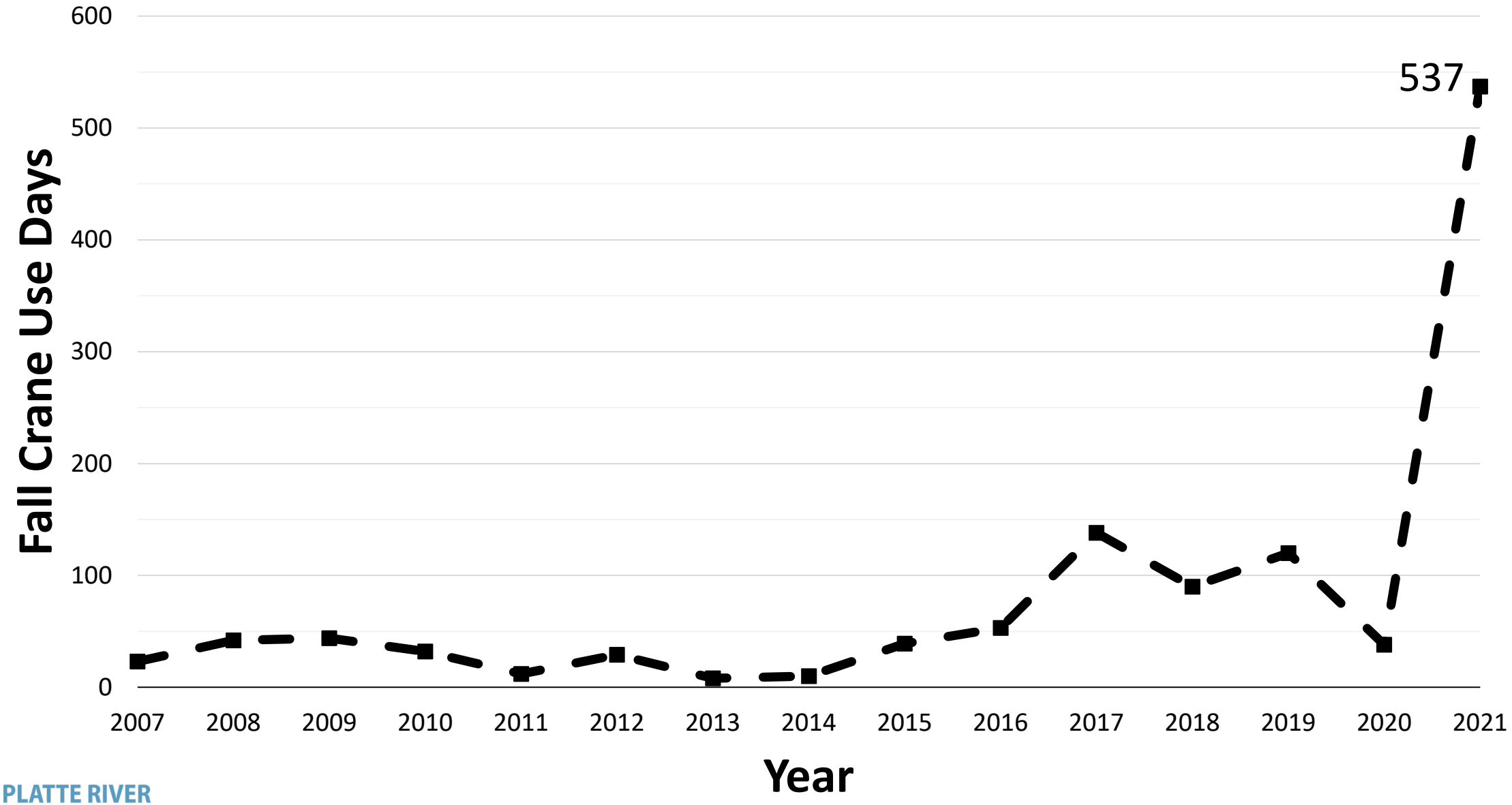

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Questions?

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