






2022 Spring Whooping Crane Monitoring

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Table 1

PRRIP					
Group Icon	Group ID	Dates Present	Use Days = (Days Present x Cranes) + 1 day per crane on first day observed		
			# of WC Ad:Juv	Days Present	Use Days
Not Observed					
	2022SP01,02	3/14-3/15	0:1	2	3
	2022SP06,07,09,13,20,30,37,39,40,41,43,44,45,47,48,49,50	3/14-4/9	1:0	27	28
	2022SP03, 10	3/16-3/18	0:1	3	4



USFWS				
Group ID	Dates Present	Use Days = (Days Present x Cranes) + 1 day per crane on first day observed		
		# of WC Ad:Juv	Days Present	Use Days
22A-01	2/28-3/1	4:0	2	12
22A-03	3/13-3/15	0:1	3	3 ^a
22A-11	3/14-4/9	1:0	27	28
22A-04	3/16-3/18	0:1	3	4

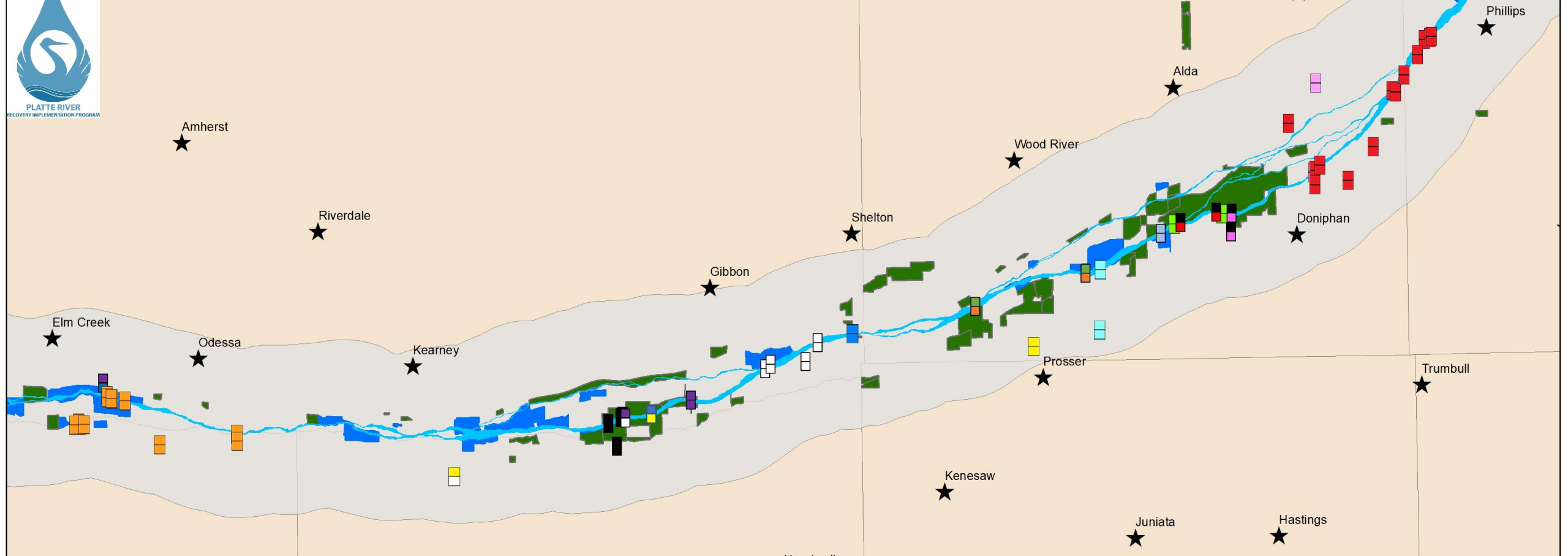
Appendix B

Published	Study Topic	Document Title	Summary	Principle Findings	Citation
2021	Whooping crane use of Non-Complex Palustrine Wetlands	Disposition of Non-Complex Palustrine Wetlands	Used PRRIP whooping crane use locations from PRRIP monitoring and telemetry data from the whooping crane tracking partnership to assess use of the off-channel non-complex palustrine wetlands managed by the Program.	Whooping Cranes have not been documented to date using the non-complex palustrine wetlands managed by the Program.	PRRIP. 2021. Disposition of Non-Complex Palustrine Wetlands. https://platteriverprogram.org/system/files/2021-10/03-Palustrine%20Wetland%20Memo_0.pdf
2020	Migration	Heterogeneity in migration strategies of whooping cranes	Used telemetry to assess variation in migration strategies among 58 whooping cranes and the variables associated with those differences.	Whooping cranes showed little consistency in stopover sites used among migration seasons. Timing of migration showed consistency among age classes and reproductive cycles. Time spent at stopover sites was positively associated with distances traveled and negatively associated with time spent at previous stopover sites.	Pearse AT, Metzger KL, Brandt DA, Bidwell MT, Harner MJ, Baasch DM, and Harrell W. 2020. Heterogeneity in migration strategies of Whooping Cranes. https://academic.oup.com/condor/article/122/1/duz056/5700702
2019	Riverine stopover sites	Whooping crane use of riverine stopover sites	Analyzed habitat characteristics for riverine stopover sites in the Great Plains and on the Platte River using telemetry locations for the Great Plain analysis and both PRRIP systematic aerial monitoring and telemetry for the Platte River analysis.	This analysis found that whooping crane use on riverine sites was maximized at 200m for unobstructed channel width (656 ft. UOCW), 160m for nearest forest (524ft NF), and suggested managing for unforested corridor widths of 330m (1,082ft UFCW).	Baasch DM, Farrell PD, Howlin S, Pearse AT, Farnsworth JM, Smith CB (2019) Whooping crane use of riverine stopover sites. PLoS ONE 14 (1): e0209612. https://doi.org/10.1371/journal.pone.0209612



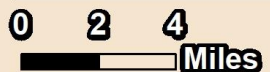


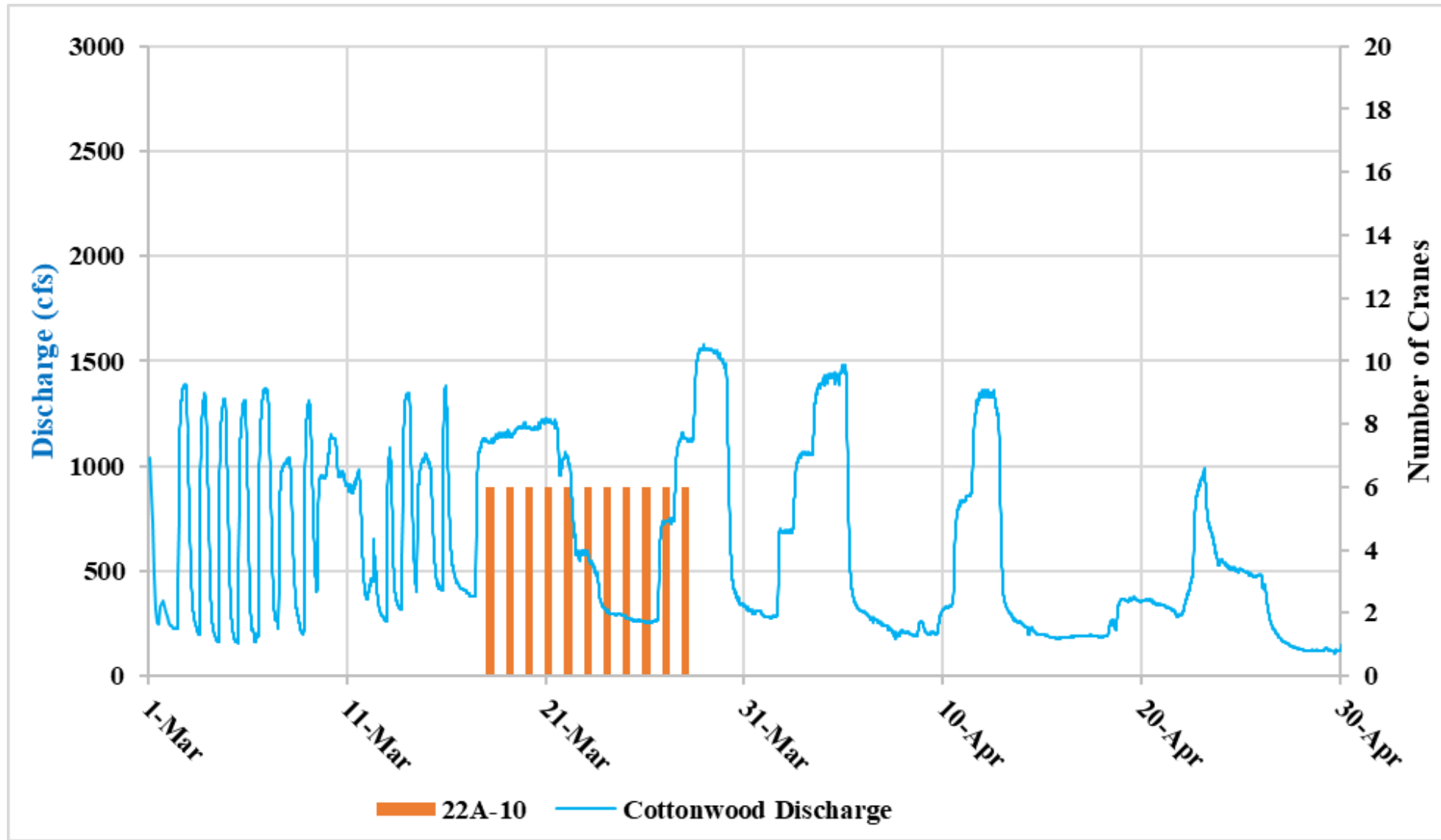
	PRRIP 	USFWS 
#Crane Groups	18	22
# Whooping Cranes	33	47
# Crane Use Days	189	217

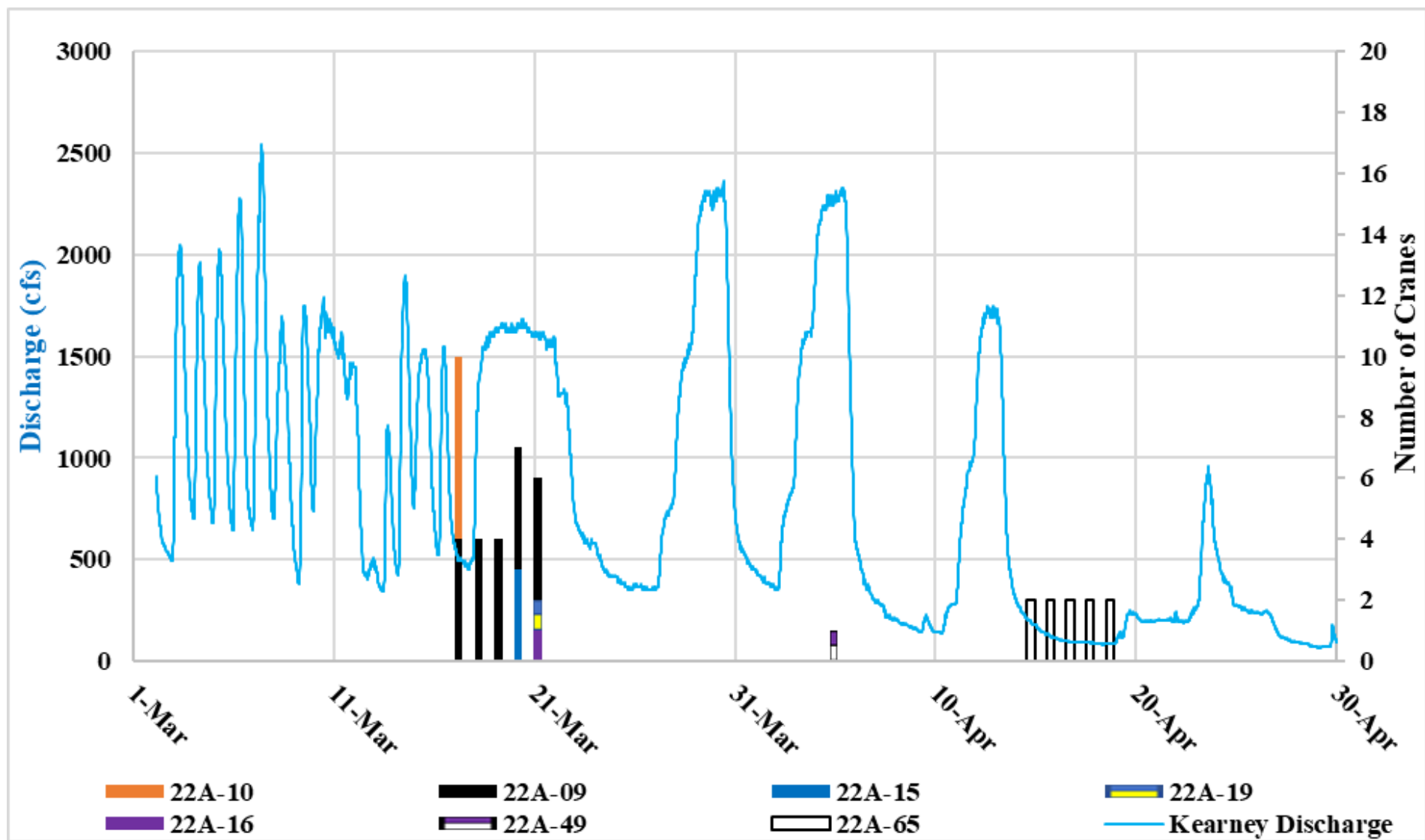


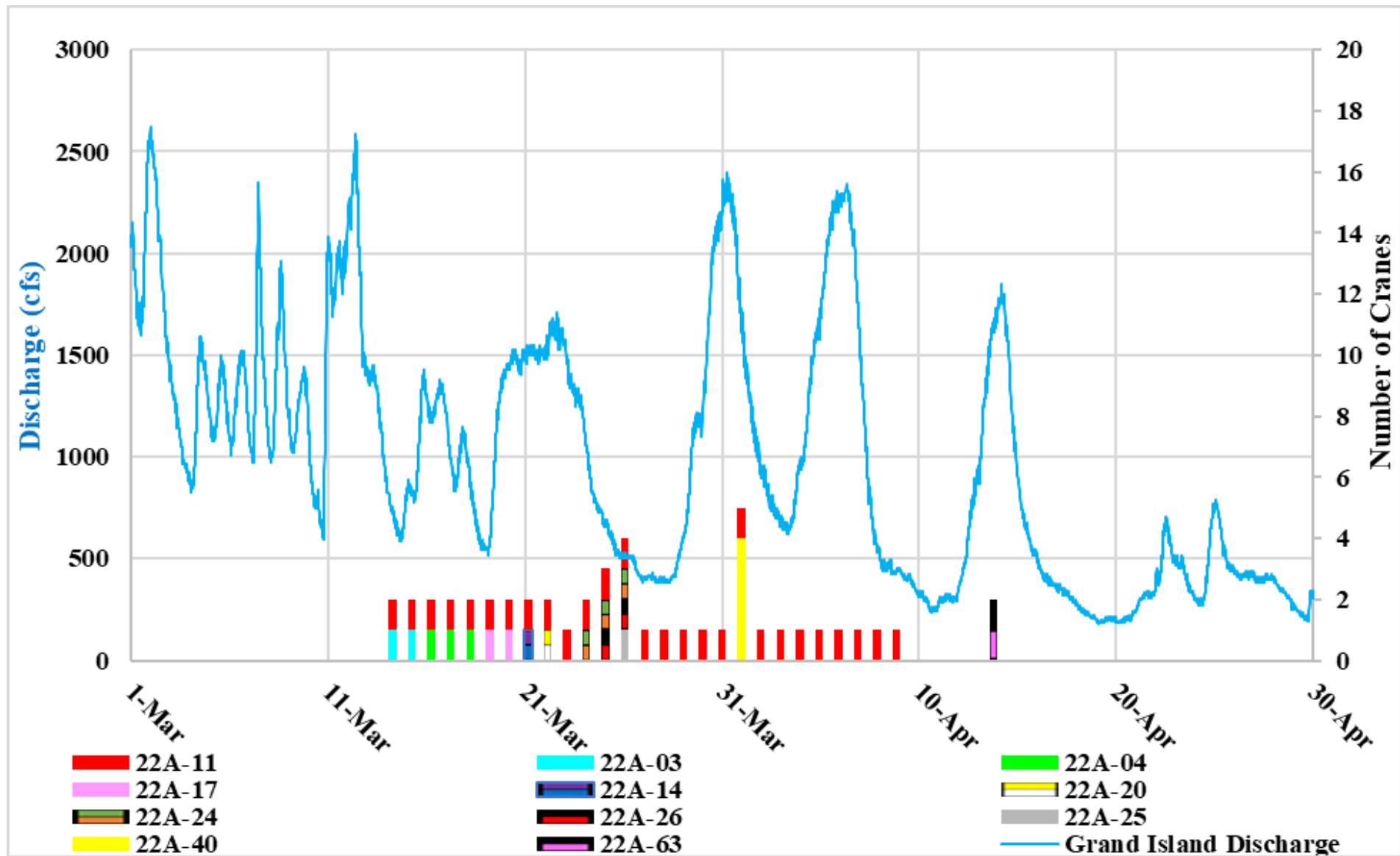
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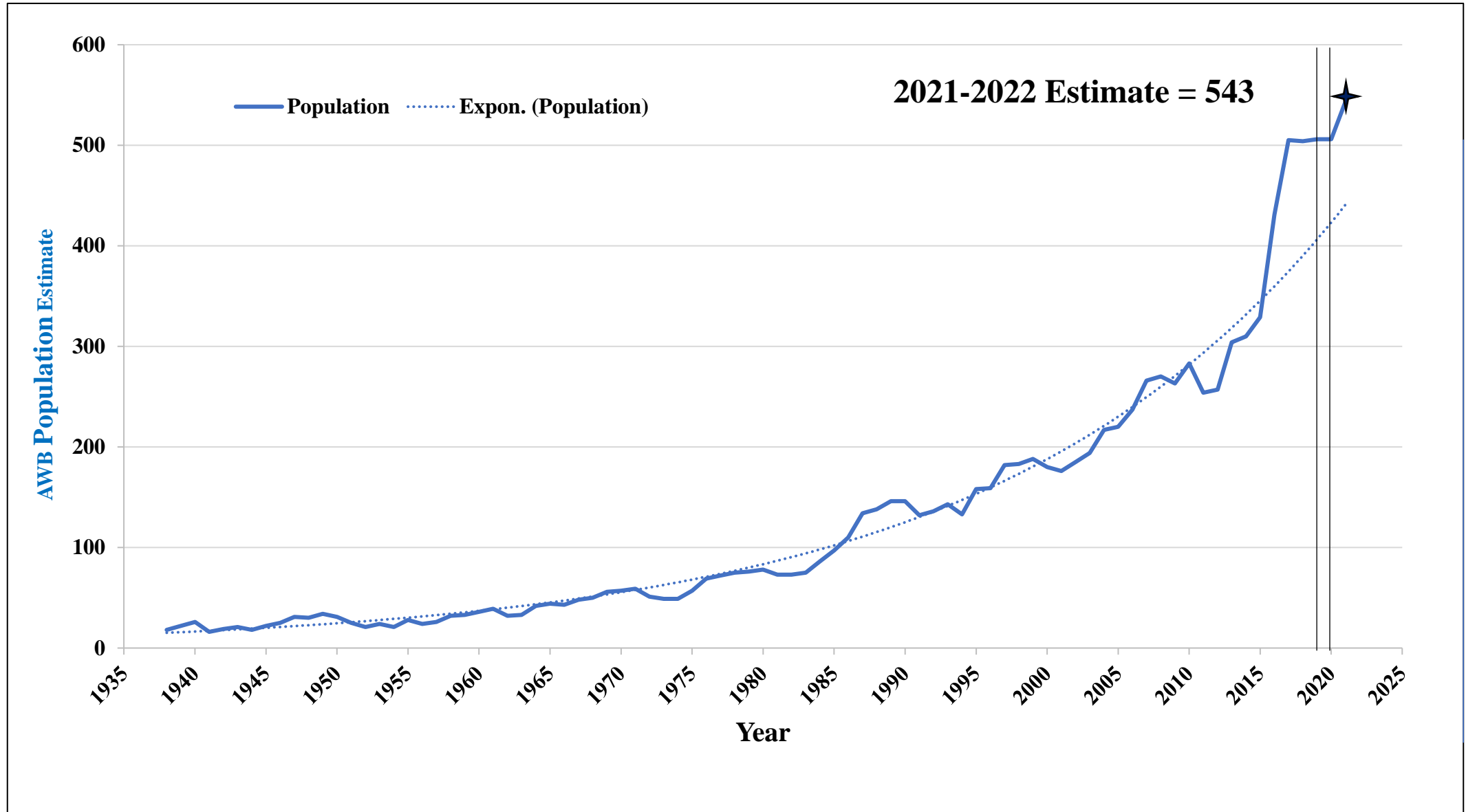
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|--|----------------------|-----------------|--|----------|--------------------------|
| 2022SP04,04B,08,17,18,18B,24,26,26B,27,29,32,36,36B,38 | 2022SP23 | 2022SP42 | 2022SP51,51B | City | |
| 2022SP19 | 2022SP22 | 2022SP01,01B,02 | 2022SP06,07,09,13,20,30,37,39,40,40B,41,43,44,45,47,48,49,50 | | Platte River |
| 2022SP25 | 2022SP52,53,54,55,56 | 2022SP34 | 2022SP12,14 | | Other Conservation Land |
| 2022SP05,11,16,21 | 2022SP15 | 2022SP03,10 | | | PRRIP |
| 2022SP46 | 2022SP28,33 | 2022SP31,35 | | | Associated Habitat Reach |
| | | | | Counties | |

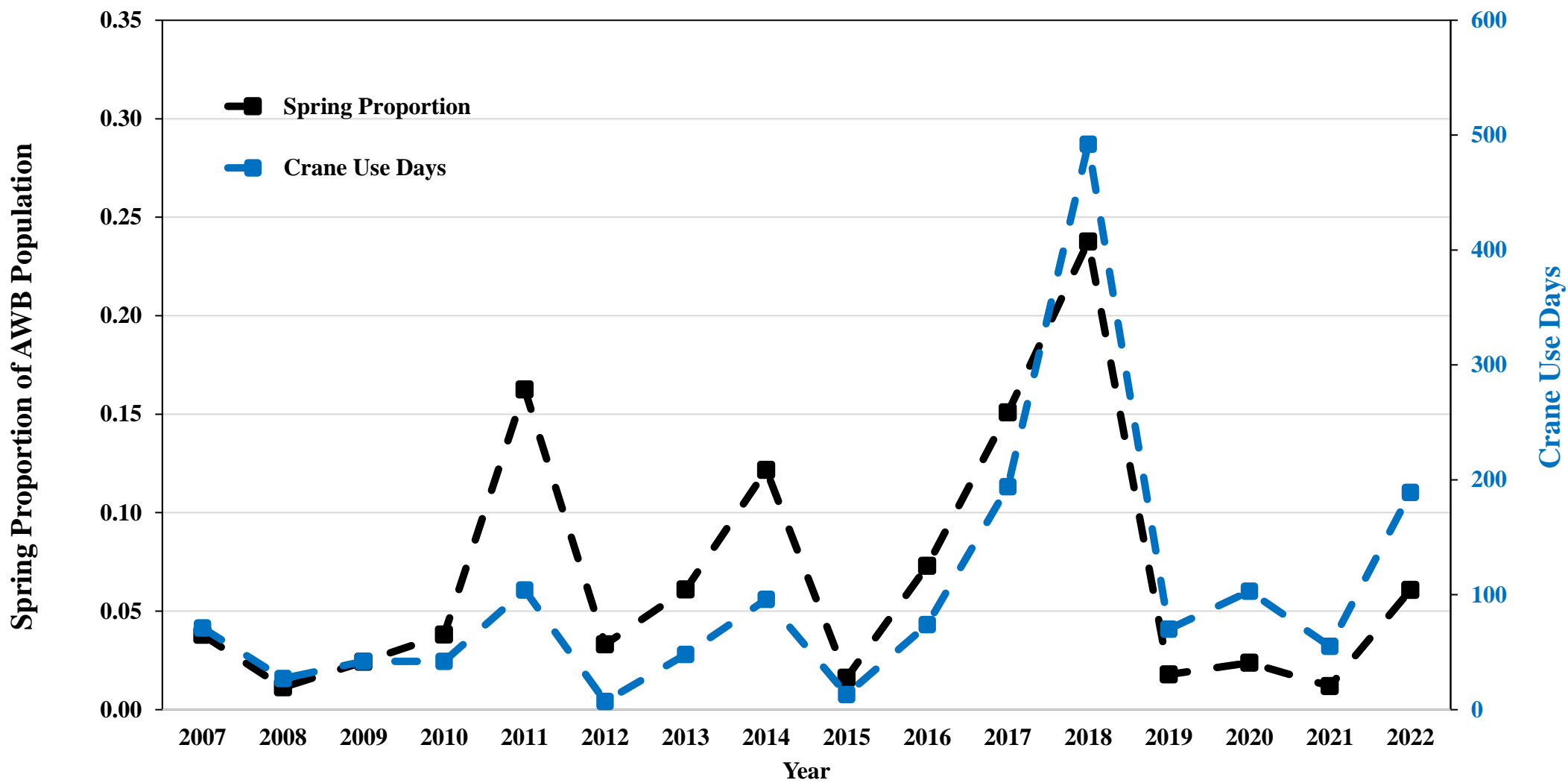


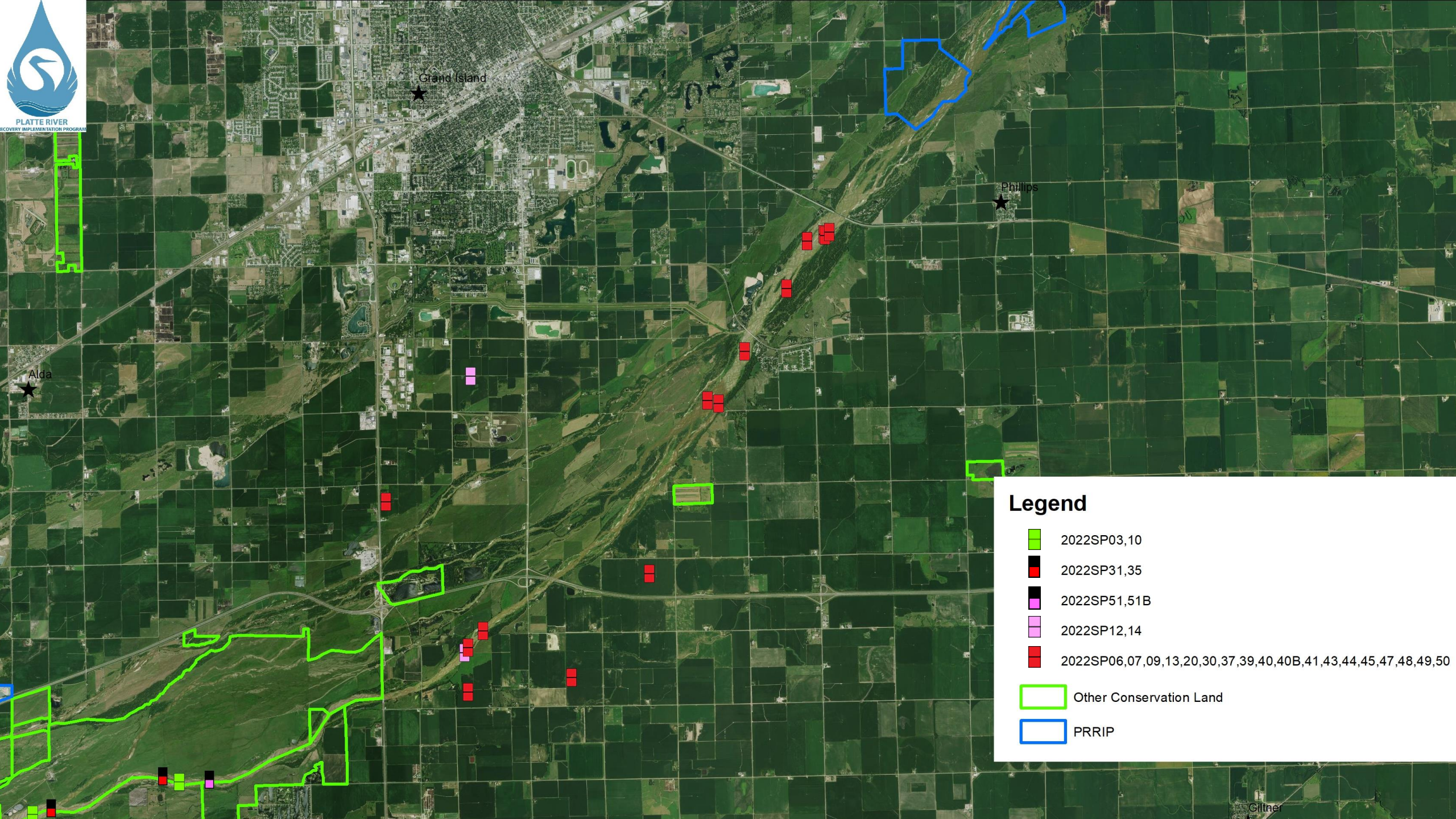



















Legend

-  2022SP03,10
-  2022SP31,35
-  2022SP51,51B
-  2022SP12,14
-  2022SP06,07,09,13,20,30,37,39,40,40B,41,43,44,45,47,48,49,50
-  Other Conservation Land
-  PRRIP

Comments/Questions???