

# 2020-2023 EA Releases for Germination Suppression

Independent Science Advisory Committee Meeting  
October 10, 2023

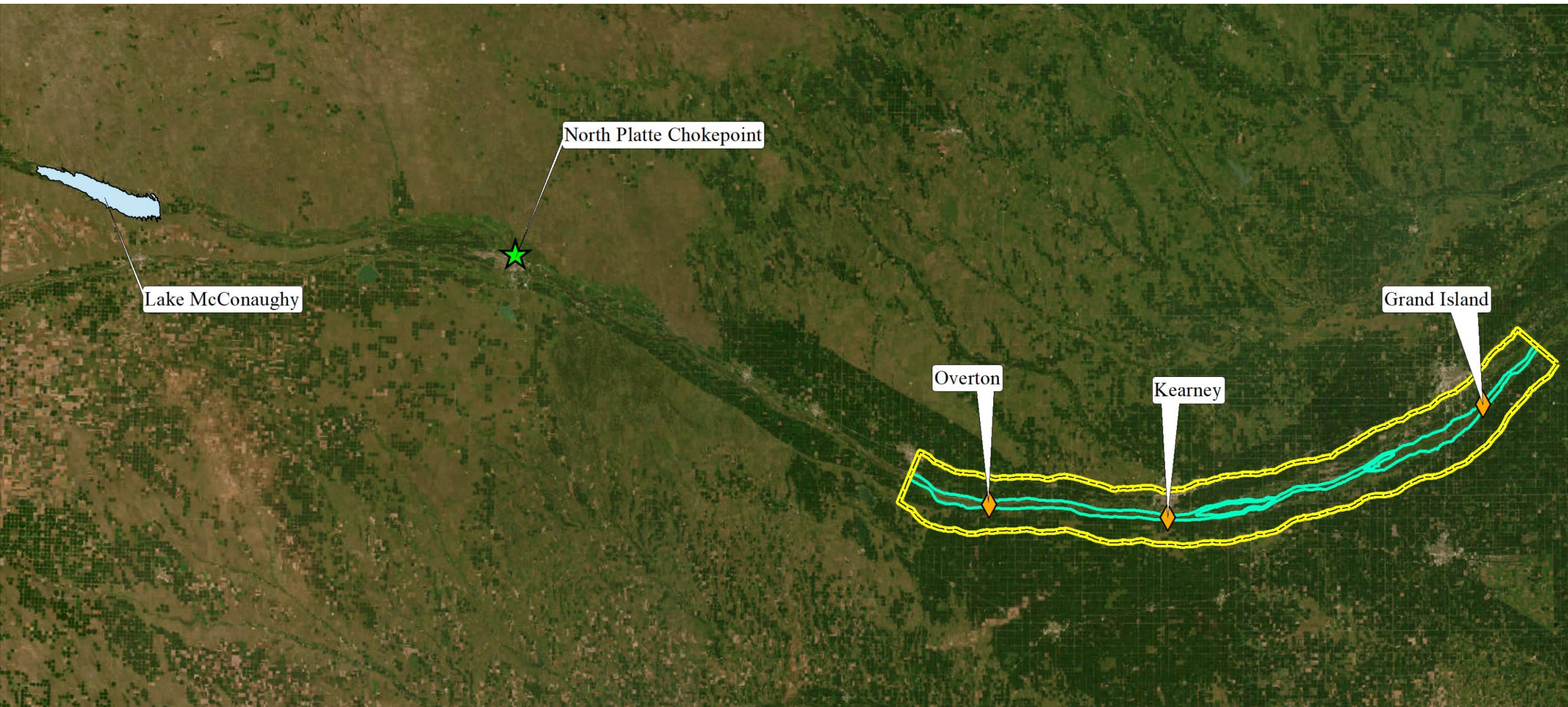
# PRRIP First Increment Extension (2020-2032)

- Role of Water
  - Fulfill water objective: reduce deficits by average 120,000 AF/year
  - Test the ability of Program water to achieve species benefit objectives
- Lake McConaughy Environmental Account (EA)
  - 200,000 AF maximum volume
  - Contributions from 7 Program water projects (“storable natural inflows,” surface water leases, etc.)
  - Allows for controlled releases for specific Program purposes

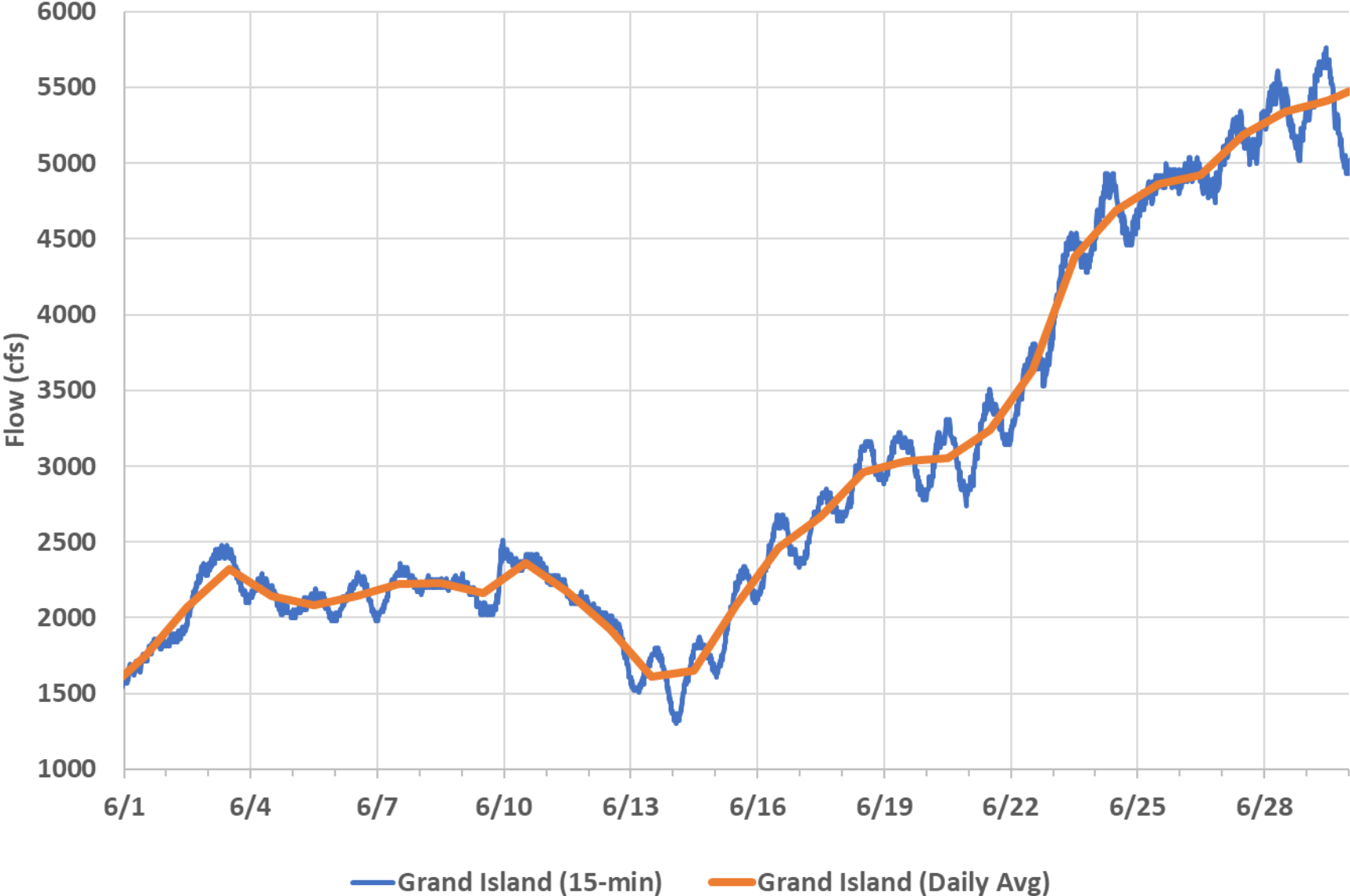
# Germination Suppression Purpose

- Extension Big Questions: Maintain suitable WC roosting habitat
  - EBQ#1: How effective to use Program water?
  - EBQ#2: How effective is phragmites management?
- Management Hypotheses
  - EBQ#1: 30-day minimum flow target of 1,500 cfs between June 1-July 15 will suppress vegetation and slow expansion into the channel
  - EBQ#2: Same release in combination with continued herbicide spraying will slow expansion of phragmites
- Flow assessed at Grand Island, downstream end of AHR



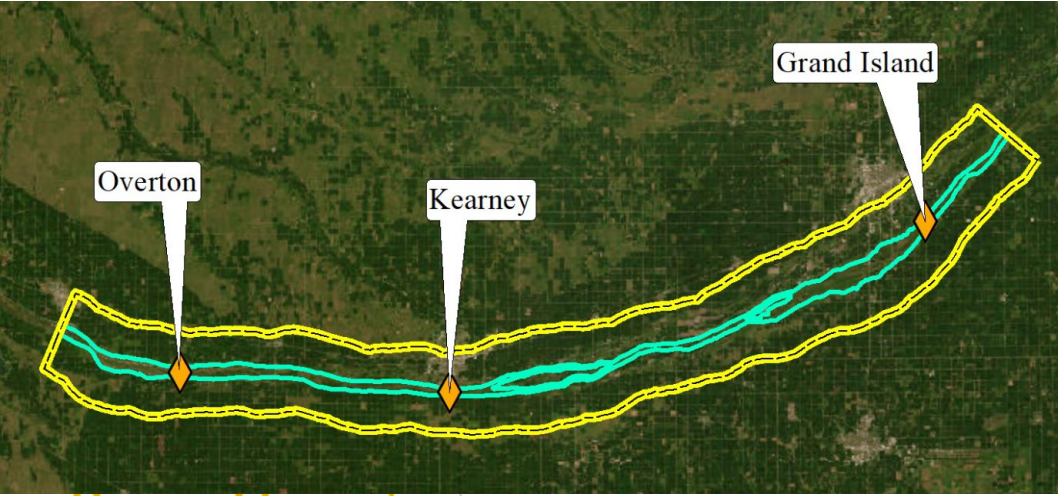
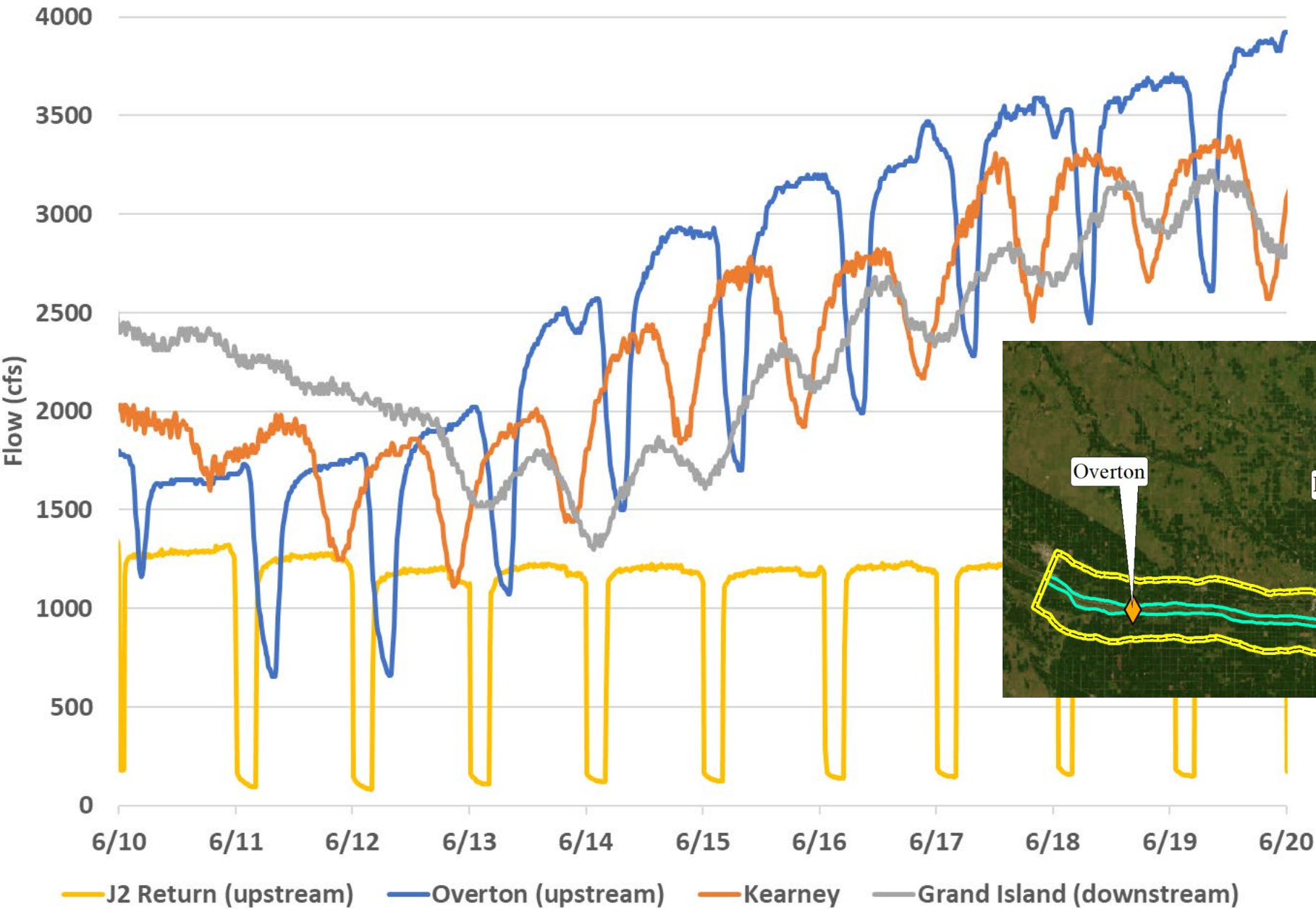


06770500 Platte River near Grand Island  
15-min and Daily Average, June 2023

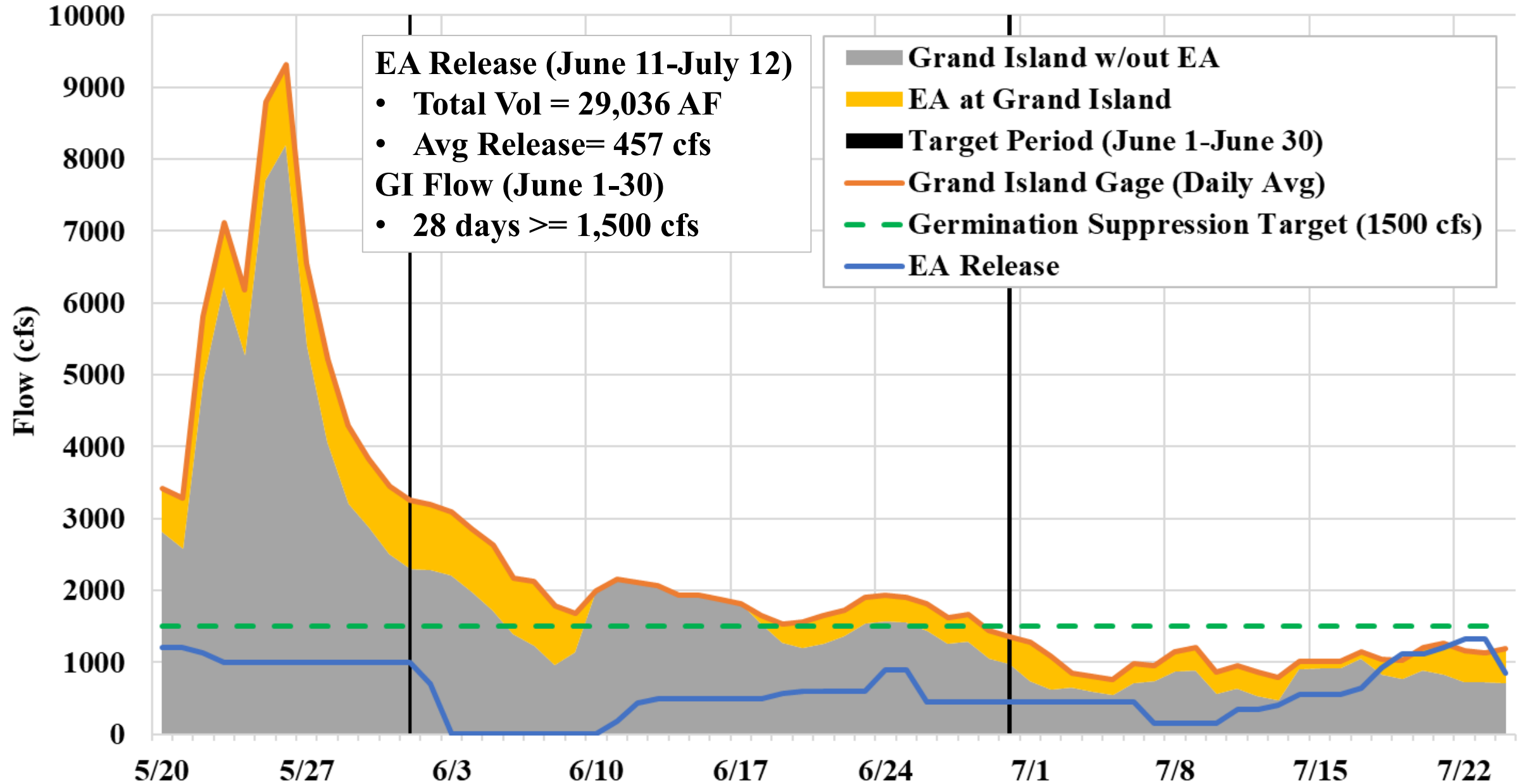




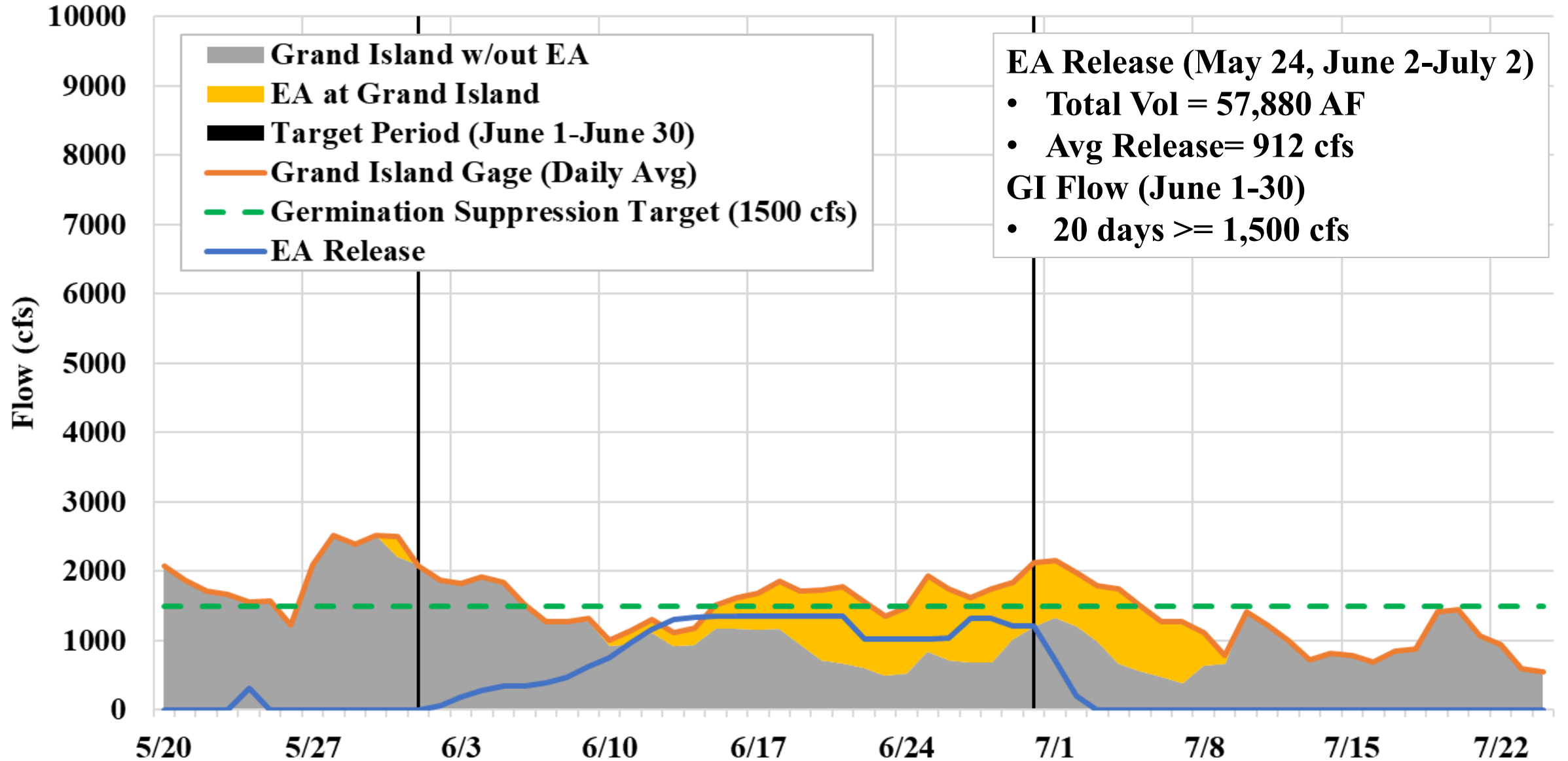
Platte River - June 2023



## 2020 EA Release for Germination Suppression

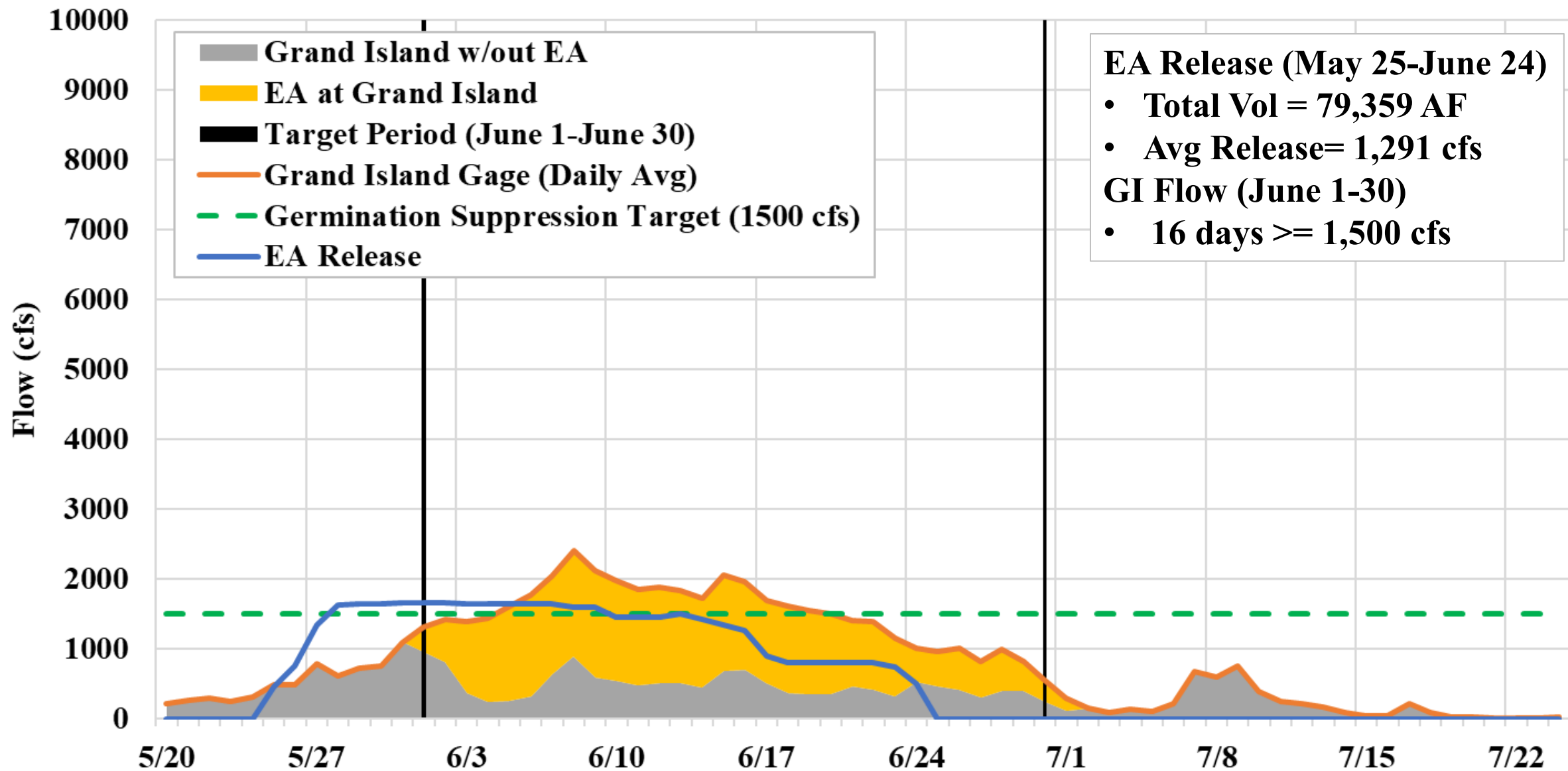


## 2021 EA Release for Germination Suppression

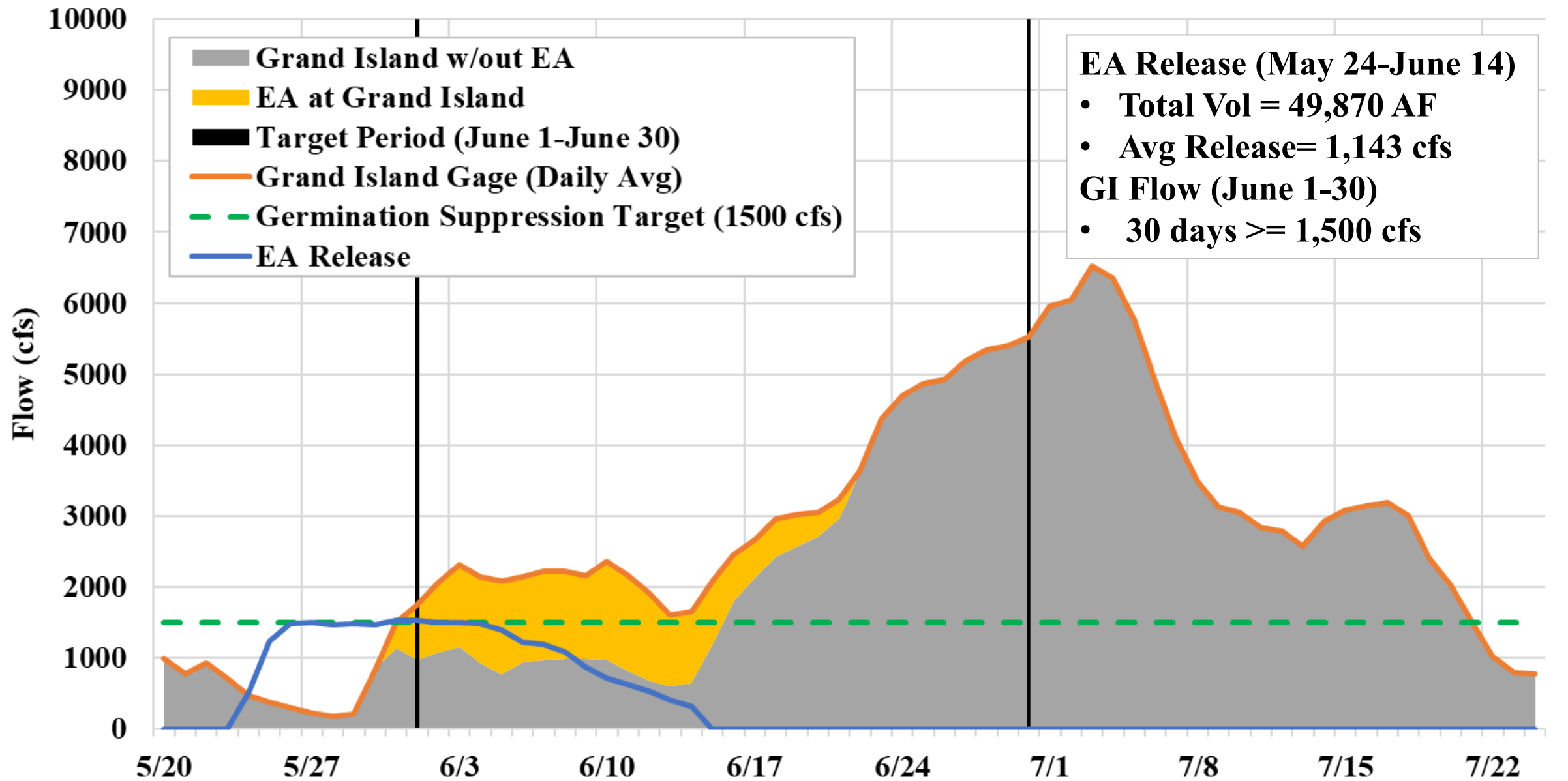




## 2022 EA Release for Germination Suppression



## 2023 EA Release for Germination Suppression



06770500 Platte River near Grand Island with Germination Suppression EA Releases, 2020-2023

