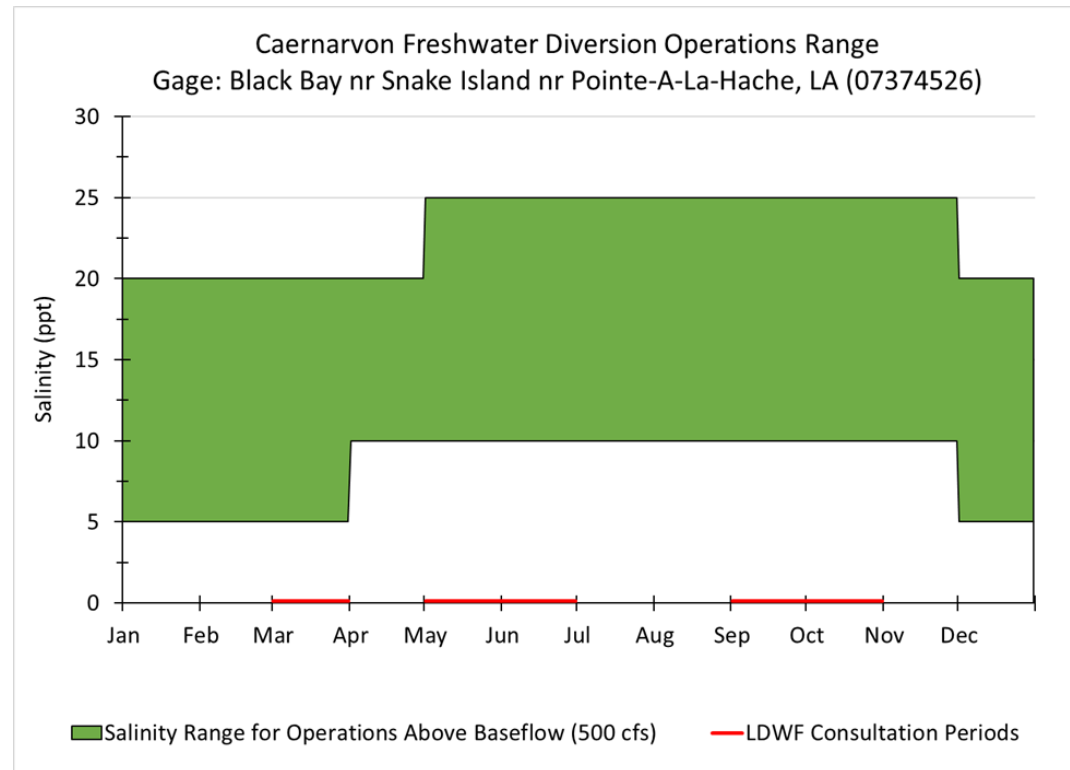


2026 Proposed Caernarvon Freshwater Diversion Operations Plan



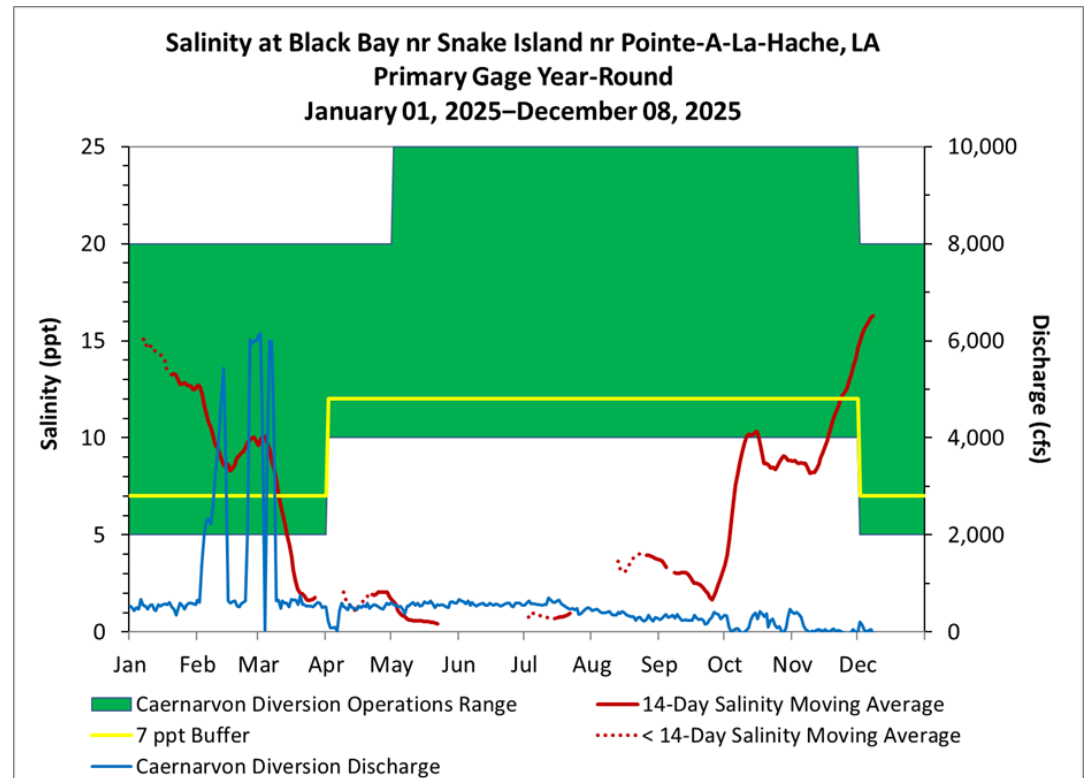
2026 Caernarvon Proposed Operations

- ❖ Same operations plan as 2025
- ❖ Utilizes Snake Island gage year-round
- ❖ Utilizes oyster salinity range (LDWF)
 - 1st ops plan (1991) was based on oyster salinity range
- ❖ Includes LDWF consultation periods for brown shrimp and oysters
- ❖ Incorporates 2 ppt buffer > lower salinity limit for pulsing



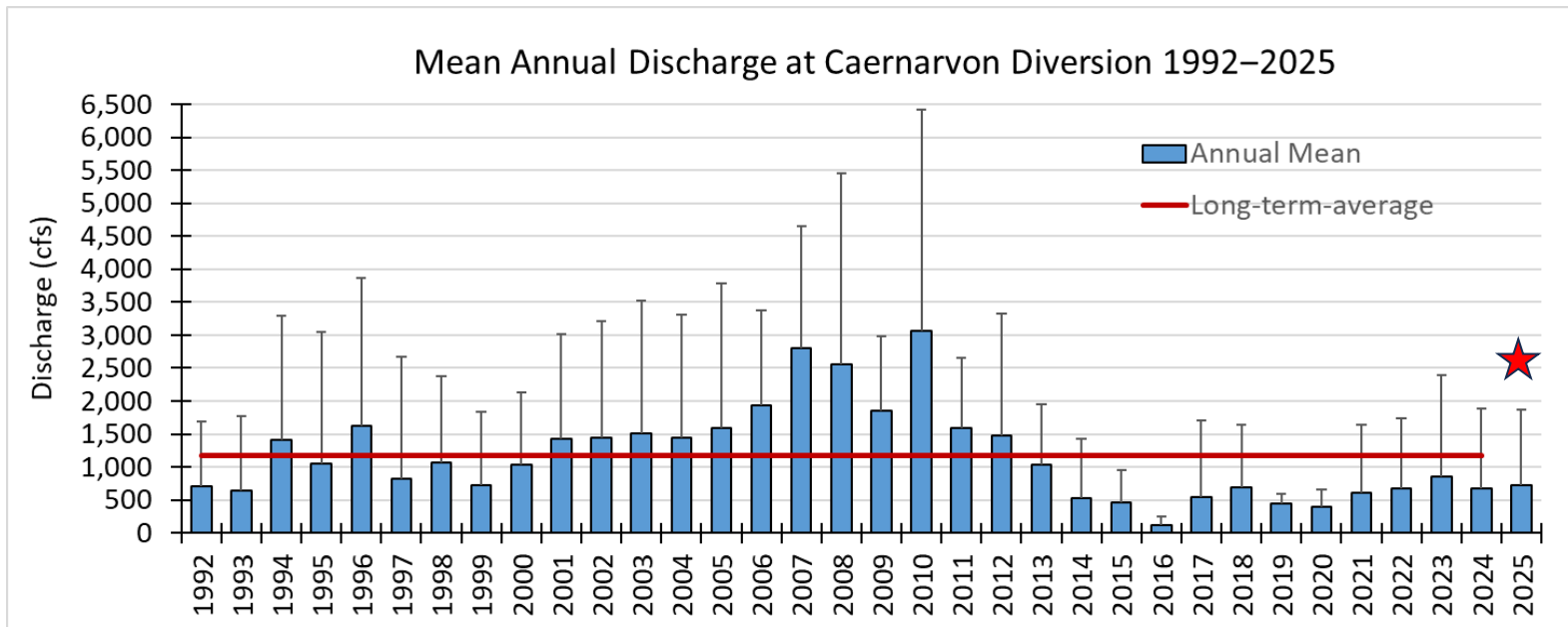
2025 Caernarvon Operations Through 12/08/25–Current Plan

- ❖ 2025: Pulsed **23 days** (current)
 - 02/03–02/14 (declining salinity/weekend)
 - 02/24–03/03 (closed: CFA)
 - 03/05–03/08 (declining salinity)
- ❖ 2024: pulsed **27 days**



2025 Mean Annual Discharge through 12/08/2025

- 727 cfs (2024: 674 cfs); expected to decline with full year of data
- 38% decrease from LTA of 1,174 cfs (1992–2024)



2025 Caernarvon Operations – Current vs. Previous Plan

❖ Potential days to pulse (no constraints, through 12/08/25):

Stone Island

- Previous Plan: 88 days / Current Plan: 75 days

Crooked Bayou

- Previous Plan: 2 days / Current Plan: 7 days

Total Days

- Previous Plan: 90 days / Current Plan: 82 days

COASTAL PROTECTION AND RESTORATION AUTHORITY

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