

Appendix S2

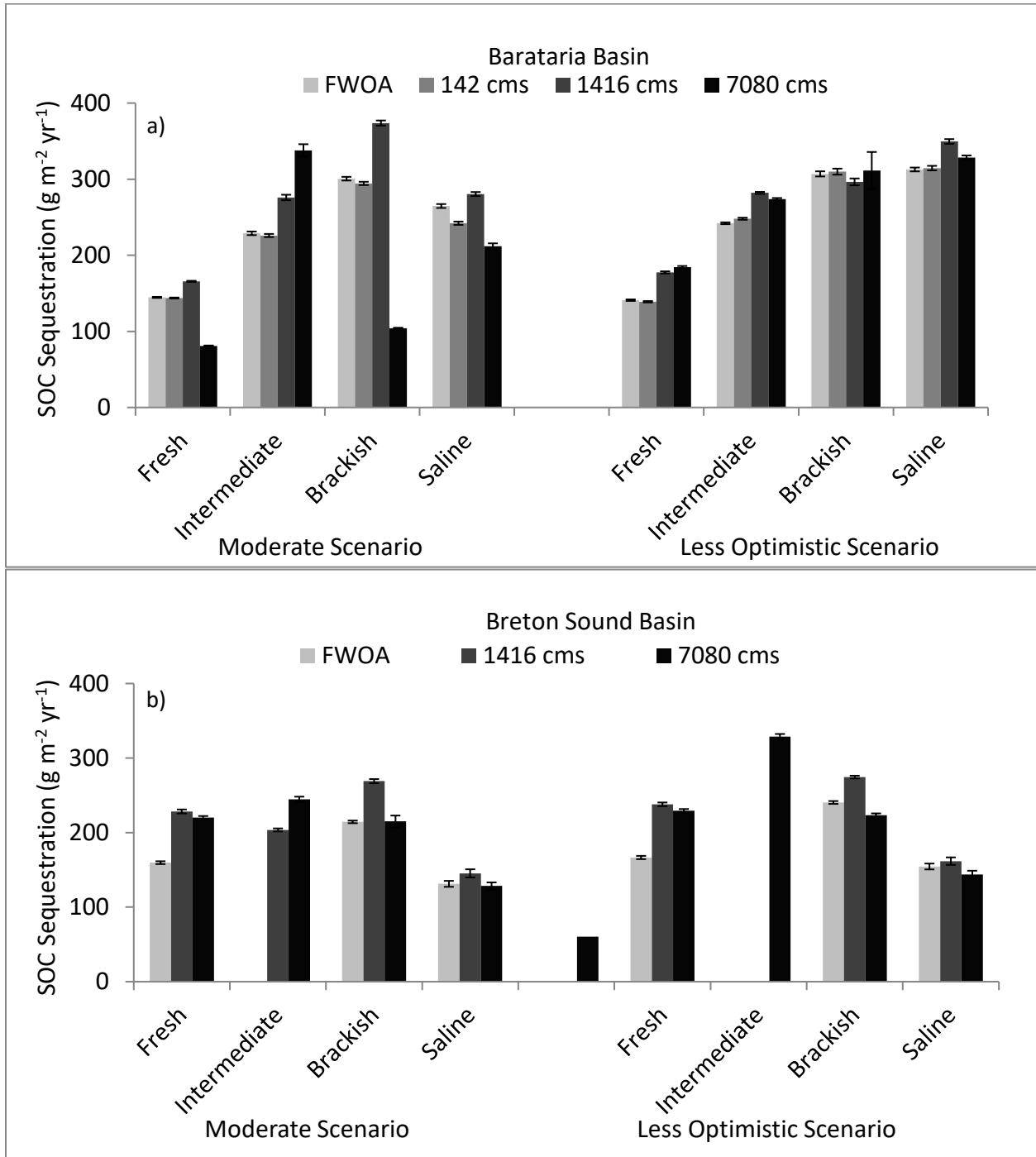


Figure S1. Simulated SOC sequestration rates within different marsh types with varying diversion discharge rates at Myrtle Grove in Barataria Basin and Caernarvon in Breton Sound Basin under Moderate and Less Optimistic scenarios (cms = $m^3 s^{-1}$). Means (± 1 SE) are significantly different ($P < 0.001$) among vegetation type and basin discharge combinations.

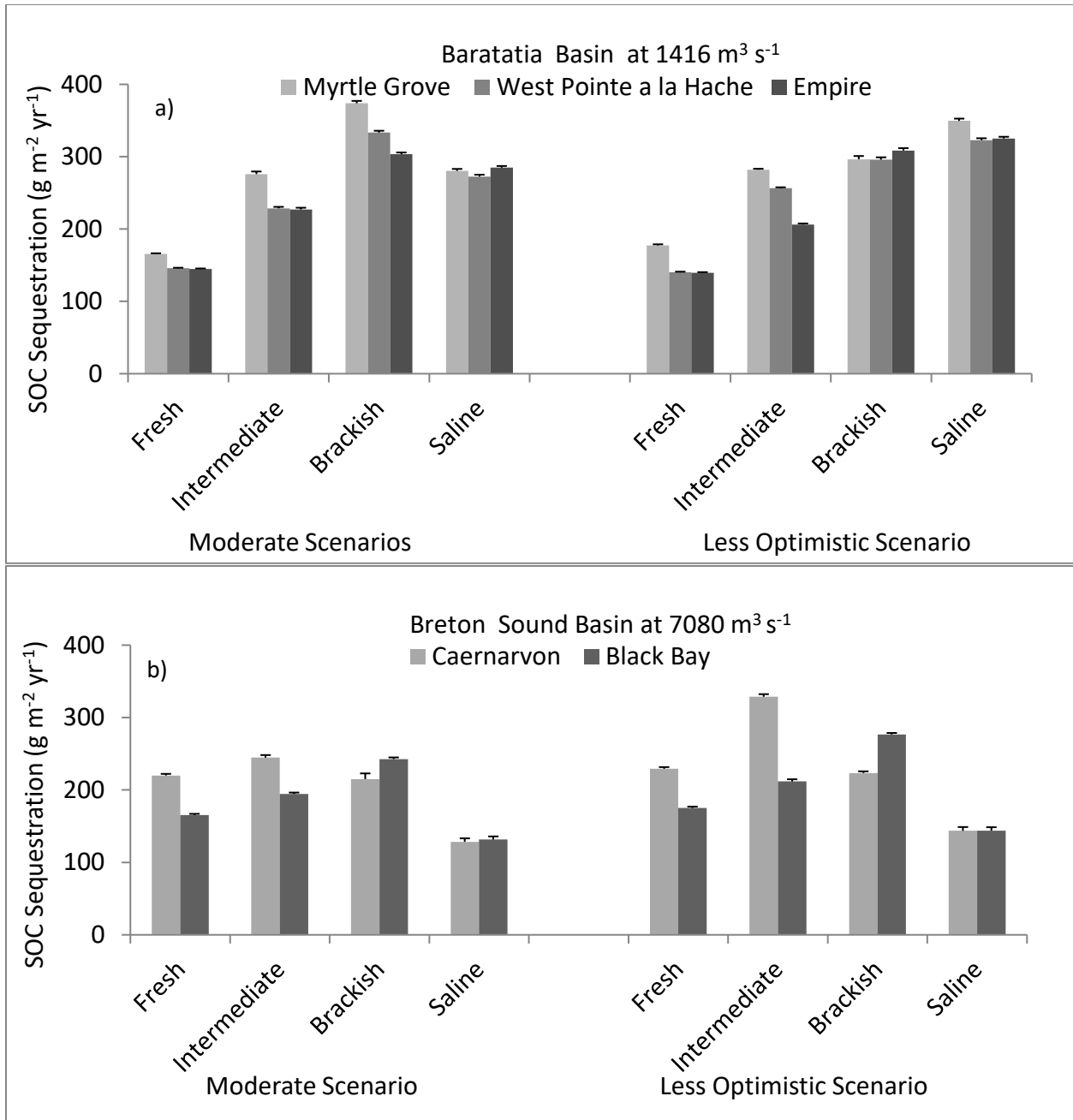


Figure S2. Simulated SOC sequestration rates within different marsh types with different diversion placements at Barataria Basin and Breton Sound Basin under Moderate and Less Optimistic scenarios. Means (± 1 SE) are significantly different ($P < 0.001$) among vegetation type and diversion location combinations.