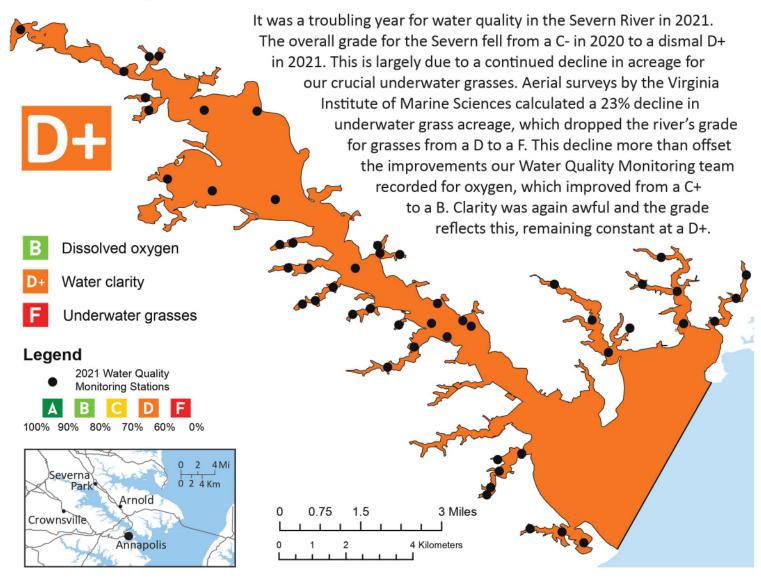
Severn River Report Card







Above: The Severn River dead zone extent outlined in red.

Severn River dead zone

Dead zones - areas of water with low oxygen levels - again plagued the Severn River in 2021. We recorded dead zone activity at 40 of the 51 water quality monitoring stations throughout the Severn. A dead zone occurs when dissolved oxygen levels in the water fall below 2.0 mg/liter. Fish and crabs suffocate when oxygen levels fall this low if they can't swim away. Fortunately, these dead zones were not as persistent as they were in 2020. The short-lived nature of the dead zones accounts for the improvement in the river's oxygen grade, which rose from C+ in 2020 to B in 2021.