

3D scan of manatee, *Trichechus manatus*, skull
Dauphin Island Sea Lab's Manatee Sighting Network &
Alabama Marine Mammal Stranding Network



Identification number: MSN122421.04

Sex: Female

Stranding date: 24 December 2021

Age class: Adult

Stranding location: Grand Bay NERR near Moss Point, MS

Length: 299 cm

About the 3D scans:

This is a 3D scanned skull and mandible of a West Indian manatee, *Trichechus manatus*, that stranded at the Grand Bay National Estuarine Research Reserve near Moss Point, MS in December 2021. The team from Dauphin Island Sea Lab's Manatee Sighting Network (DISL/MSN) and Alabama Marine Mammal Stranding Network (ALMMSN) completed a field necropsy of the deceased manatee. A computed tomography (CT) scan was completed on the manatee head at the Auburn Veterinary Specialists clinic in Gulf Shores, AL. 3D printing files (.stl) were created by Steve VanDerKooy.

About Dauphin Island Sea Lab's Manatee Sighting Network:

DISL/MSN was formed at the Dauphin Island Sea Lab in 2007. DISL/MSN uses opportunistic, publicly reported sightings to learn more about manatee movements and habitat use in the northern Gulf of Mexico. You can share your manatee sightings by calling 1-866-493-5803 or visiting manatee.disl.edu.

About the Alabama Marine Mammal Stranding Network:

The ALMMSN was formed at the Dauphin Island Sea Lab in 2011. ALMMSN operates under a Stranding Agreement with the National Oceanic and Atmospheric Administration's National Marine Fisheries Service to respond to all cetacean (whales and dolphins) strandings in Alabama. The ALMMSN also responds to manatee strandings under a permit with the US Fish and Wildlife Service in both Alabama and Mississippi. To report a stranded marine mammal to ALMMSN call 1-877-WHALE-HELP.