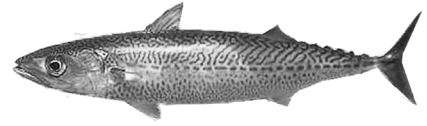


CHUB MACKEREL SCOMBER COLIAS



MID-ATLANTIC FISHERY MANAGEMENT COUNCIL (MAFMC) - ESSENTIAL FISH HABITAT (EFH) PROFILE

1. Management Unit

The management unit is all Chub mackerel (*Scomber colias*) in federal waters from Maine through North Carolina.

2. Stock Status

The stock status of chub mackerel in the western Atlantic Ocean is unknown as there have been no quantitative assessments of this species in this region. The MAFMC's Scientific and Statistical Committee assumes that biomass is currently at or above biomass at maximum sustainable yield.

3. Current Text Designations

Source: MAFMC. 2019. Amendment 21 to the Atlantic Mackerel, Squids, and Butterfish Fishery Management Plan. Available at: www.mafmc.org.

Eggs: EFH for chub mackerel eggs includes pelagic waters throughout the exclusive economic zone (EEZ) from North Carolina to Texas, including intertidal and subtidal areas, at temperatures of 15 - 25°C.

Larvae: EFH for chub mackerel larvae includes pelagic waters throughout the EEZ from North Carolina to Texas, including intertidal and subtidal areas, at temperatures of 15 - 30°C.

Juveniles/Adults: EFH for chub mackerel juveniles and adults includes pelagic waters throughout the EEZ from Maine through Texas, including intertidal and subtidal areas, at temperatures of 15 - 30°C.

4. Current Map Designations

Eggs/Larvae: Egg and larval chub mackerel EFH map.



Juveniles/Adults: Juvenile and adult chub mackerel EFH map.



5. Designation and Mapping Methods

The Council has generally identified EFH using level 1 and/or level 2 data (see EFH regulations; section 7). There was limited information on chub mackerel habitat. Chub mackerel EFH was first identified through Amendment 21 (2019) using a combination of fishery and survey data, literature sources, and expert judgment.

6. EFH Source Documents

MAFMC. 2019. Amendment 21 to the Atlantic Mackerel, Squids, and Butterfish Fishery Management Plan. Available at: www.mafmc.org. Other Information

EFH Legal Authorities

EFH from Magnuson Stevens Act:

<http://www.fisheriesforum.org/HigherLogic/System/DownloadDocumentFile.ashx?DocumentFileKey=014976d6-5bc1-f0c4-be6b-ade7c99fc932&forceDialog=0>

EFH Contents of Fishery Management Plans under CFR §600.815:

<https://www.gpo.gov/fdsys/pkg/CFR-2013-title50-vol12/pdf/CFR-2013-title50-vol12-sec600-815.pdf>

Federal agency consultation with the Secretary under CFR §600.920:

<https://www.gpo.gov/fdsys/pkg/CFR-2014-title50-vol12/pdf/CFR-2014-title50-vol12-sec600-920.pdf>

NMFS 2006 EFH Guidance:

<http://www.nmfs.noaa.gov/op/pds/documents/03/201/03-201-15.pdf>

Management and Stock Assessments

MAFMC: <http://www.mafmc.org>, ASMFC: <http://www.asmfc.org>, NEFSC Stock Assessments:

<http://www.nefsc.noaa.gov/saw/>