

Assessment of Mid-Atlantic Coast summer flounder (*Paralichthys dentatus*)

Assessment ID:NEFSC-SFLOUNMATLC-1940-2007-BAUM

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Area ID: USA-NMFS-MATLC

General assessment details.

| Detail | Value |
|--------------------|--|
| Management body | NMFS |
| Assessment group | Northeast Fisheries Science Center |
| Assessment authors | Northeast Fisheries Science Center |
| Assessment method | Age Structured Assessment Program |
| Publication year | 2008 |
| Timeseries span | 1940-2007 |
| Document | NMFS-MATLC-Paralichthysdentatus-2008.pdf (pdf in database) |
| Recorder | BAUM |
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| QA/QC complete | NO |
| Date approved | |

Biometrics provided. Note that the assumed timeseries to which the reference point pertains is indicated in parentheses.

| primary LME | | | secondary LME | | | tertiary LME | | |
|--------------------------------------|-----------|-------|--------------------------------------|-------|-------|--------------|--|--|
| 7 - Northeast U.S. Continental Shelf | | | 6 - Southeast U.S. Continental Shelf | | | na | | |
| Parameter | Value | Units | Reference points | | | | | |
| | | | Parameter | Value | Units | | | |
| SSB-SEX-sex | NA | sex | F40%-1/T | 0.255 | 1/T | | | |
| REC-AGE-yr | 0 | yr | SSBmsy-MT (SSB) | 60074 | MT | | | |
| F-AGE-yr-yr | 3-7+ | yr-yr | F35%-1/T | 0.31 | 1/T | | | |
| A50-yr | AVAILABLE | yr | Frebuild-1/T (F) | 0.274 | 1/T | | | |
| L50-cm | AVAILABLE | cm | Blim-MT (TB) | 30037 | MT | | | |
| M-1/T | 0.25 | 1/T | SSB_{2007}/SSB_{msy} | 0.722 | | | | |
| SSB-AGE-yr | | | | | | | | |
| TB-AGE-yr | | | | | | | | |
| M | | | | | | | | |

| Time series minima and maxima | | | | | |
|-------------------------------|-------|-------|-------|--------|-------|
| | SSB | R | F | TB | Catch |
| Minimum year | 1982 | 1982 | 1982 | 1982 | 1982 |
| Maximum year | 2007 | 2007 | 2007 | 2007 | 2007 |
| Time series minimum | 7017 | 12831 | 0.288 | 51853 | 7976 |
| Time series maximum | 43932 | 81631 | 2.042 | 164410 | 26466 |
| Units | MT | E03 | 1/T | E03 | MT |

