...some supplementary notes:

**ORCA025 (NEMO3.6) exps. in Kiel:**

**JRA-55 vs. CORE-II forced**

Experiments in progress / Markus Scheinert


Hindcast: 1958

1948
North Atlantic MOC Maximum

spin-up

Sv


CORE-II  JRA-55
North Atlantic MOC (26.5N)

**spin-up**

<table>
<thead>
<tr>
<th>Year</th>
<th>Sverdrup</th>
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<tr>
<td>1980</td>
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<td>2010</td>
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<td>2015</td>
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**CORE-II**

**JRA-55**
North Atlantic MOC (26.5N)

spin-up

obs (RAPID)  JRA-55

![Graph showing the North Atlantic MOC (26.5N) with spin-up, observed (RAPID), and JRA-55 data.]
North Atlantic MOC Maximum

hindcast

![Graph showing the North Atlantic MOC Maximum with two lines labeled CORE-II and JRA-55. The graph plots Sverdrups (Sv) on the y-axis and years from 1950 to 2010 on the x-axis.]
North Atlantic MOC (26.5N)

spin-up

![Graph showing the spin-up of CORE-II and JRA-55 models for Sverdrup transport over time from 1950 to 2010.](image-url)
Mixed Layer Depth Maximum

spin-up

CORE-II

March
September
(1980-2009)
Mixed Layer Depth Maximum

*spin-up*

*JRA-55*

March

September (1980-2009)
Mixed Layer Depth Maximum

spin-up

CORE-II (1980-2009)

ACC Transport

spin-up

CORE-II   JRA-55
ACC Transport

hindcast

CORE-II   JRA-55

\(\mathcal{S}\)
Accumulated Total Precipitation

Accumulated from North to South

Graph showing accumulated total precipitation with lines representing different models and datasets, such as NCEP Reanalysis, ERA40, CORE & CORE reduced (dashed), and JRA.
ACC transport in CORE-II comparison (Farneti et al.)

5 cycles 1948-2007