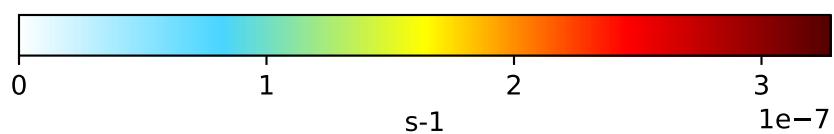
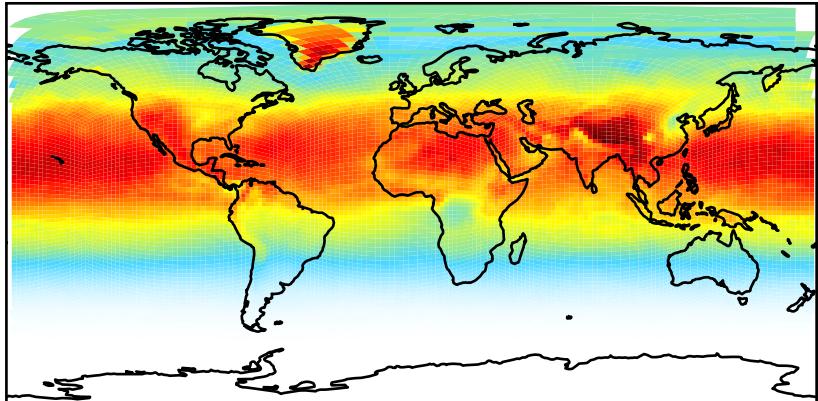
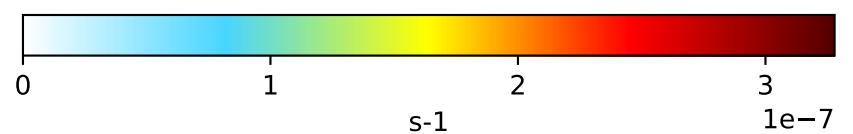
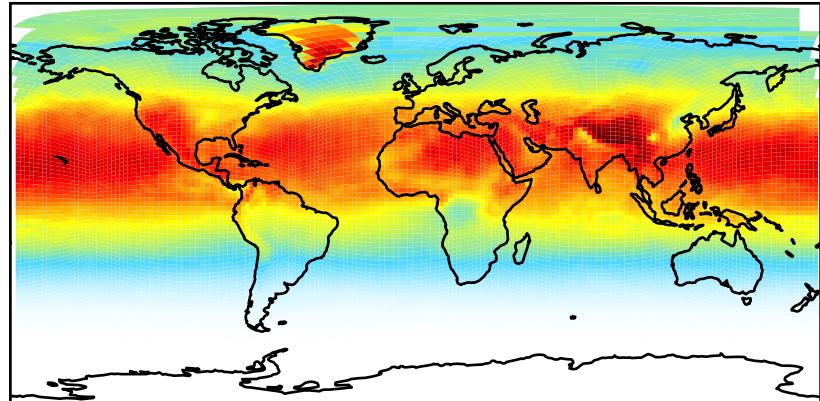


Jval_ACET

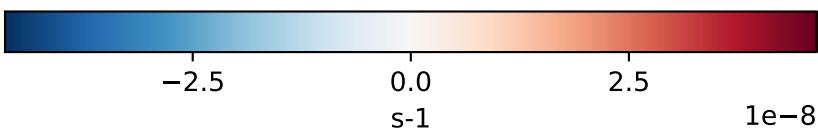
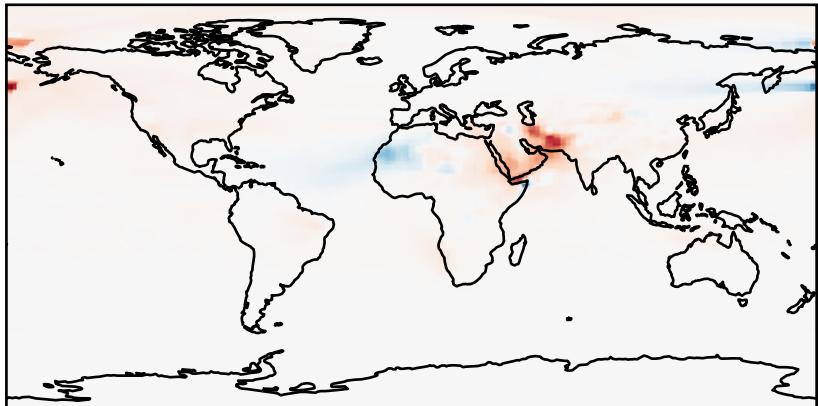
GCHP_12.7.0 (Ref)
c48



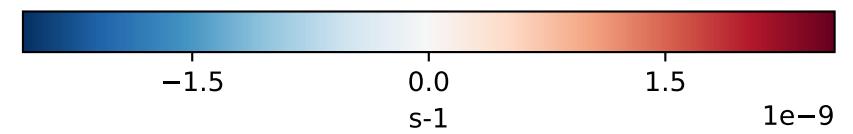
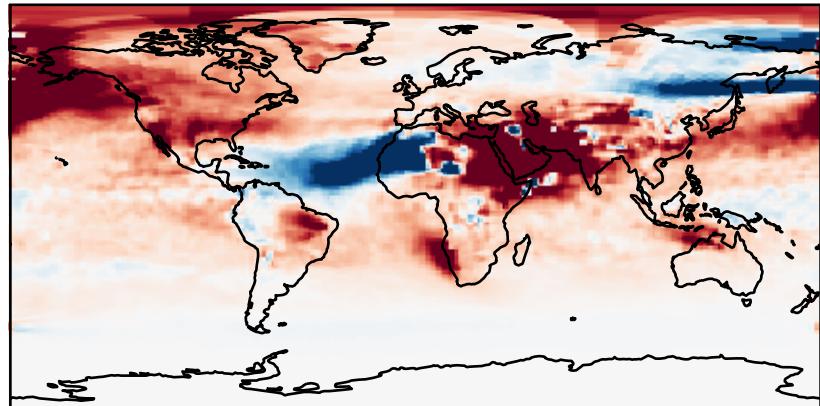
GCHP_12.8.0 (Dev)
c48



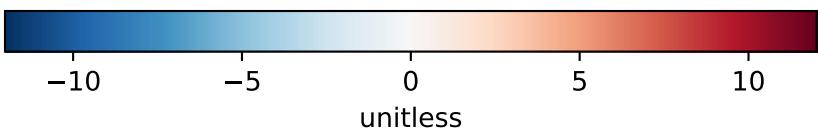
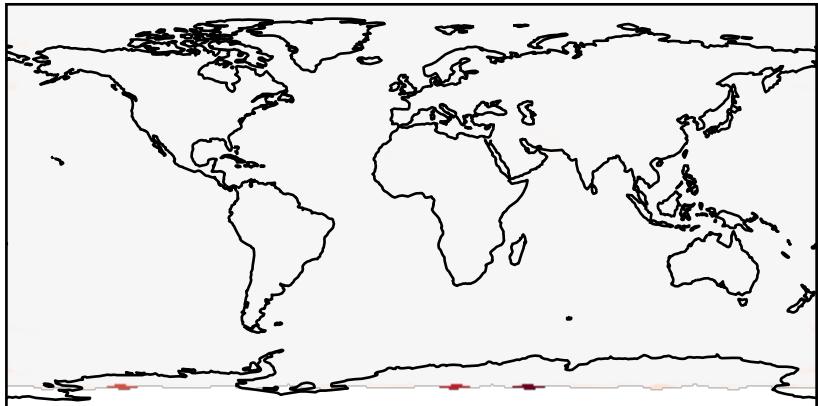
Difference (1x1.25)
Dev - Ref, Dynamic Range



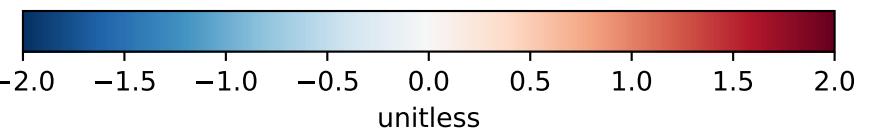
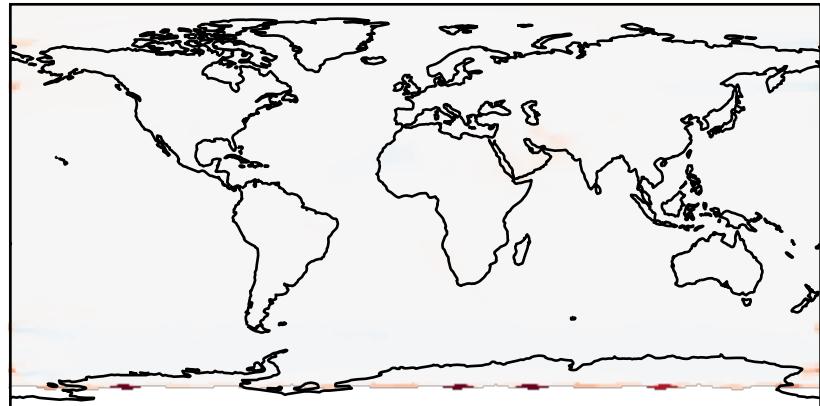
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



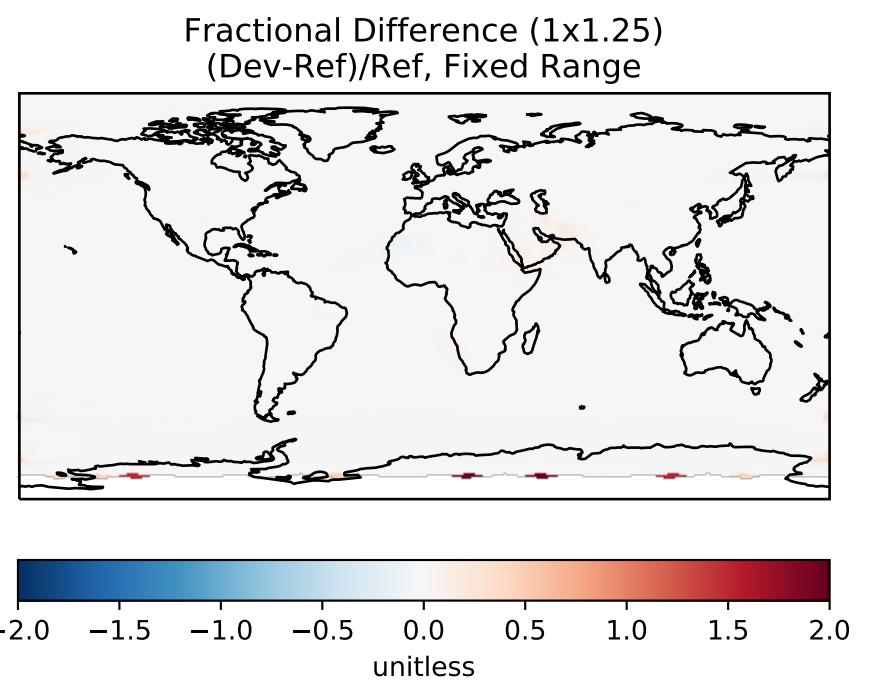
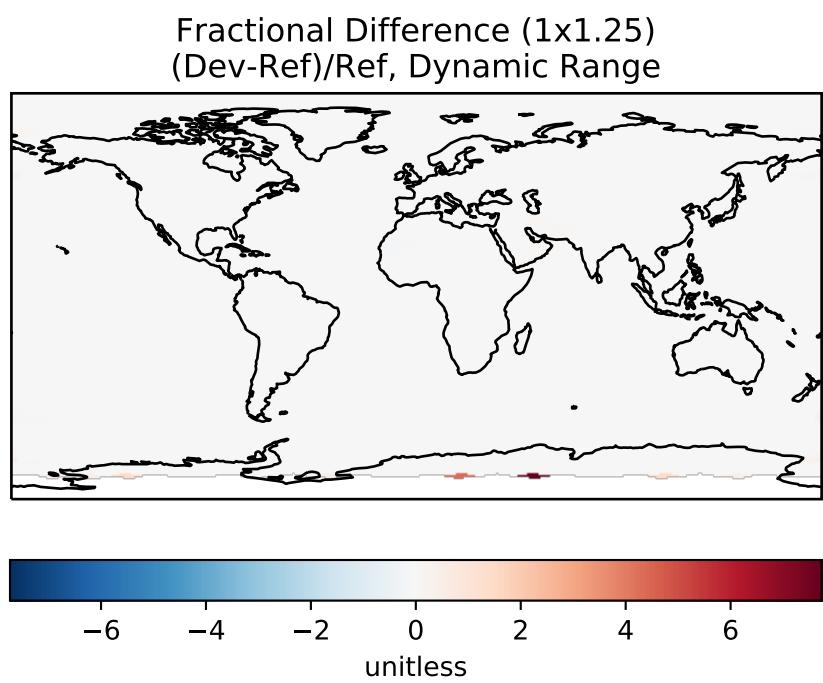
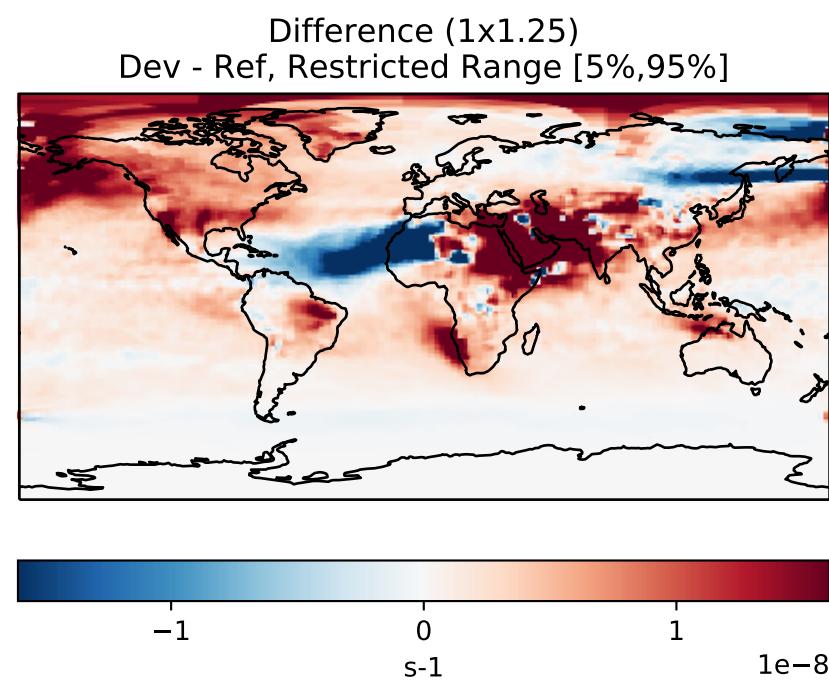
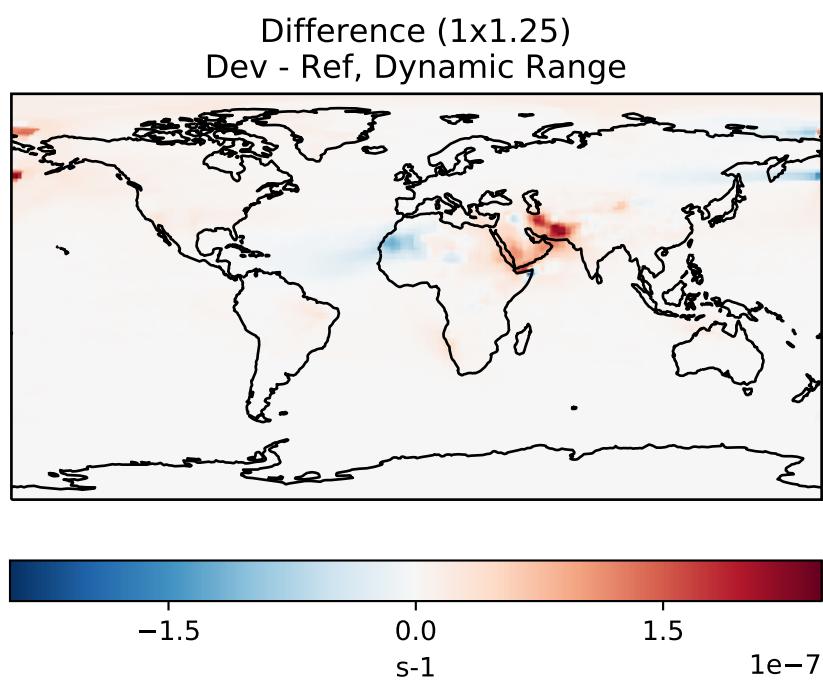
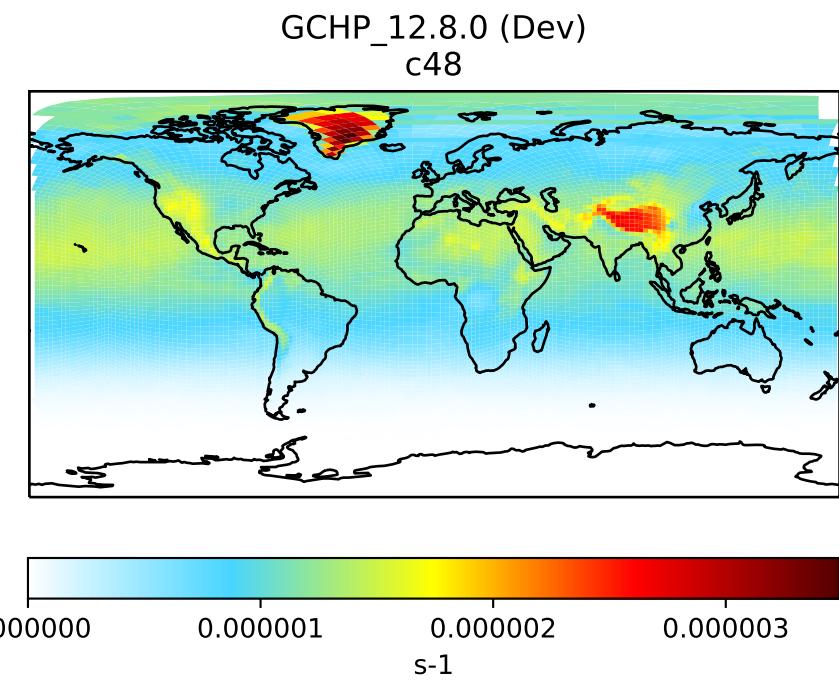
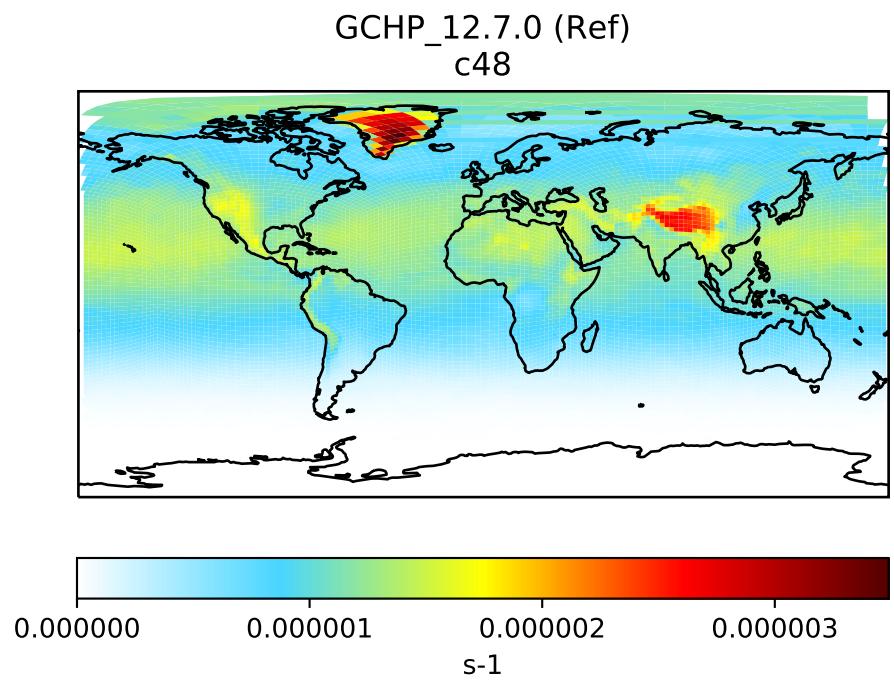
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

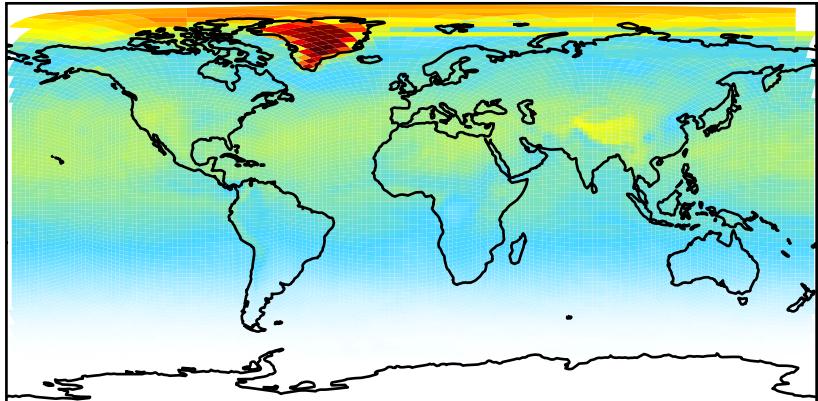


Jval_ALD2



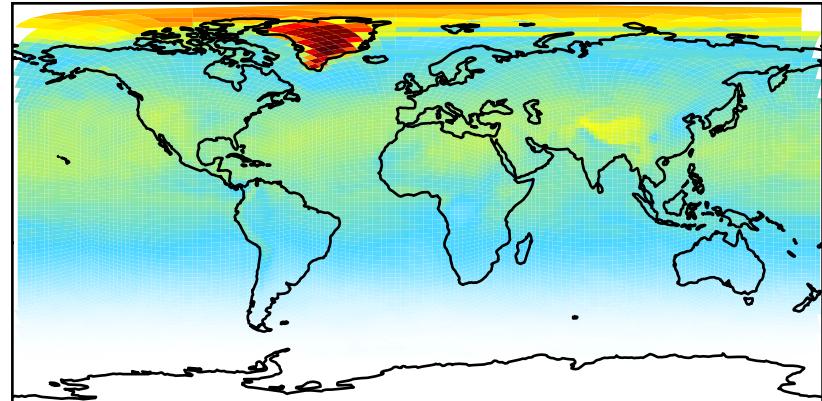
Jval_ATOOH

GCHP_12.7.0 (Ref)
c48



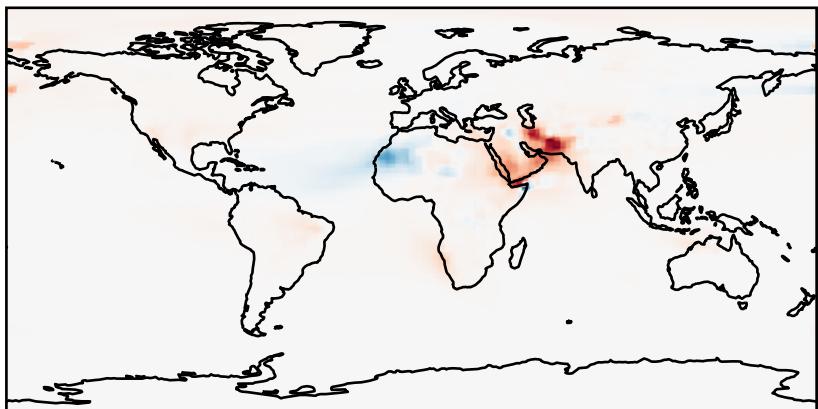
0.0000000 0.0000015 0.0000030 0.0000045
s⁻¹

GCHP_12.8.0 (Dev)
c48



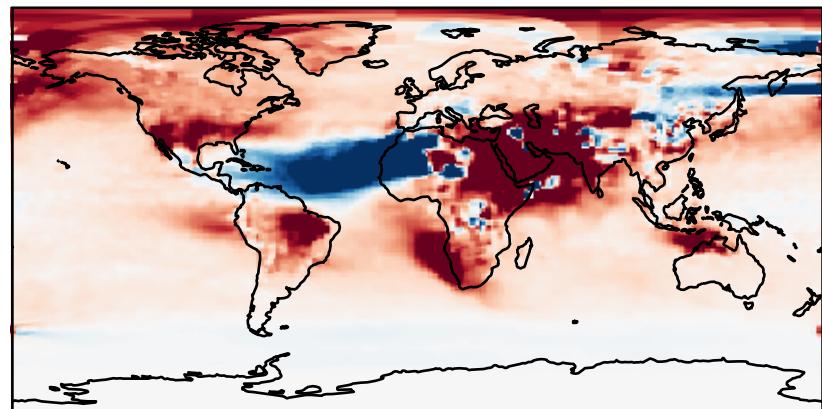
0.0000000 0.0000015 0.0000030 0.0000045
s⁻¹

Difference (1x1.25)
Dev - Ref, Dynamic Range



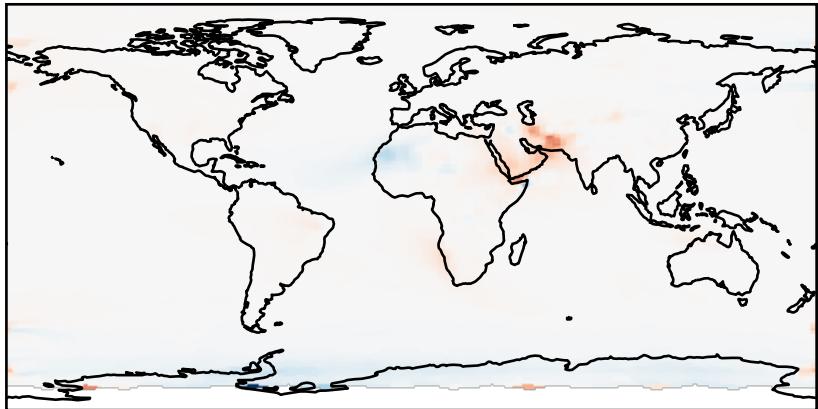
-1.5 0.0 1.5 1e-7
s⁻¹

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



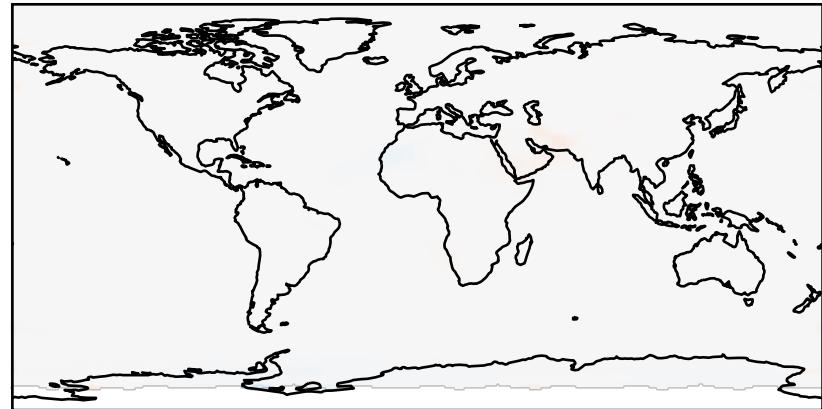
-8 0 8 1e-9
s⁻¹

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



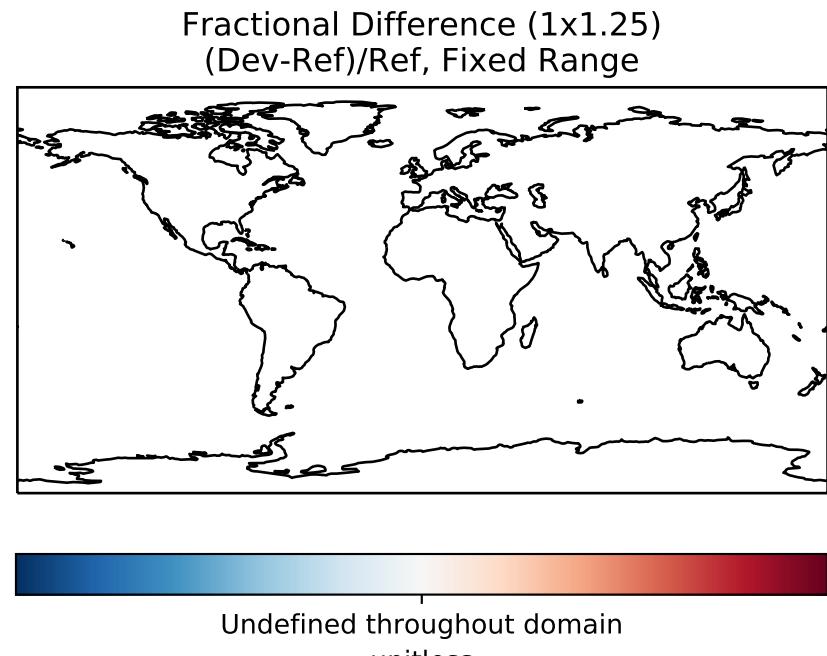
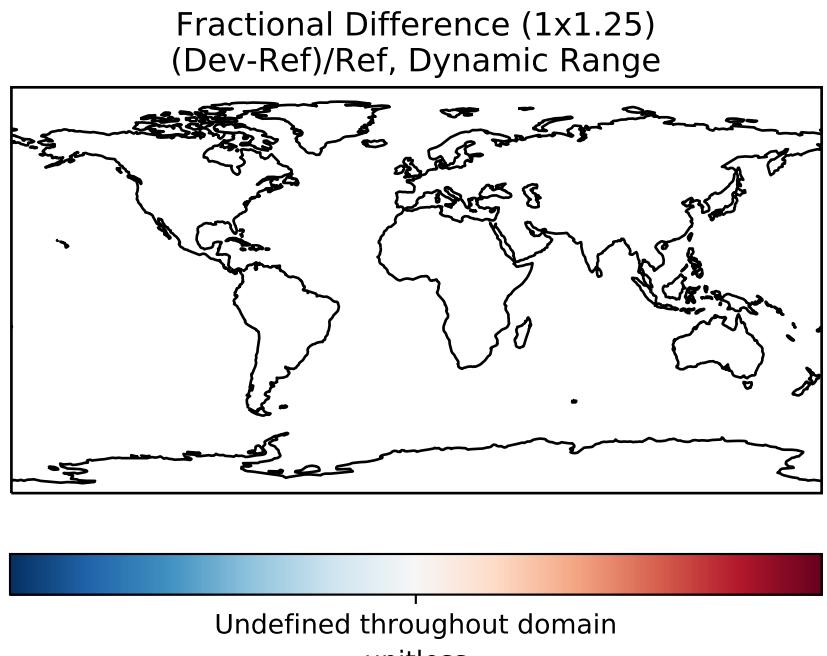
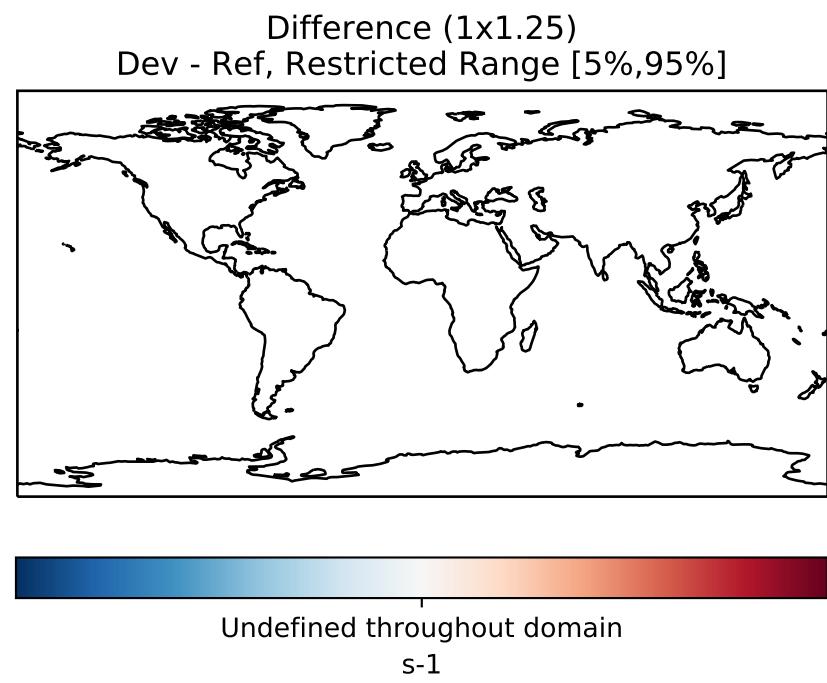
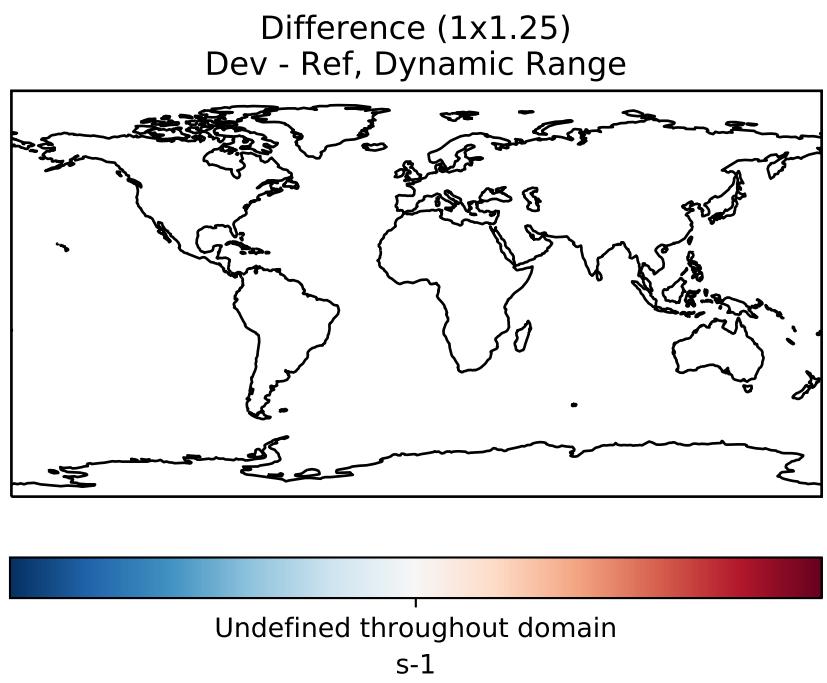
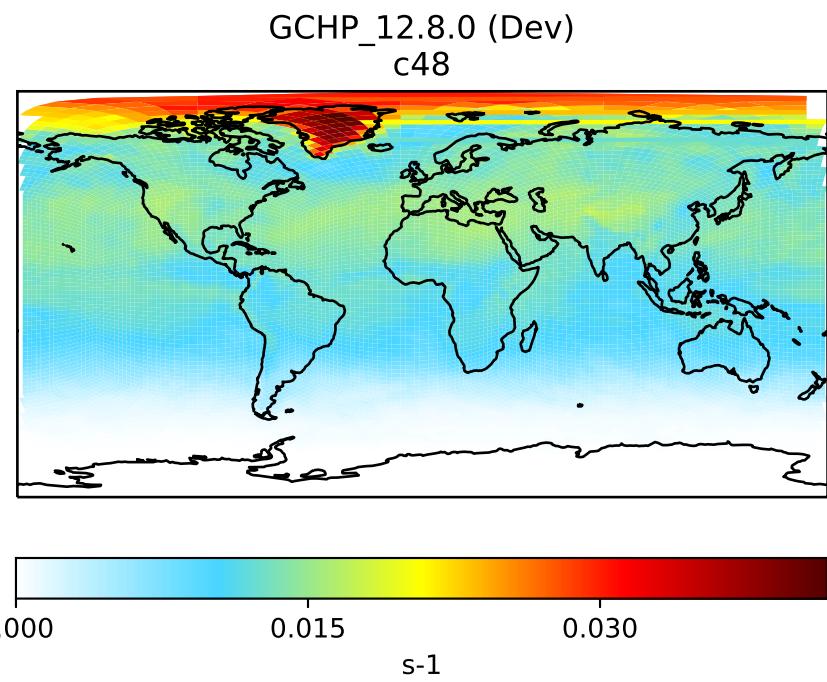
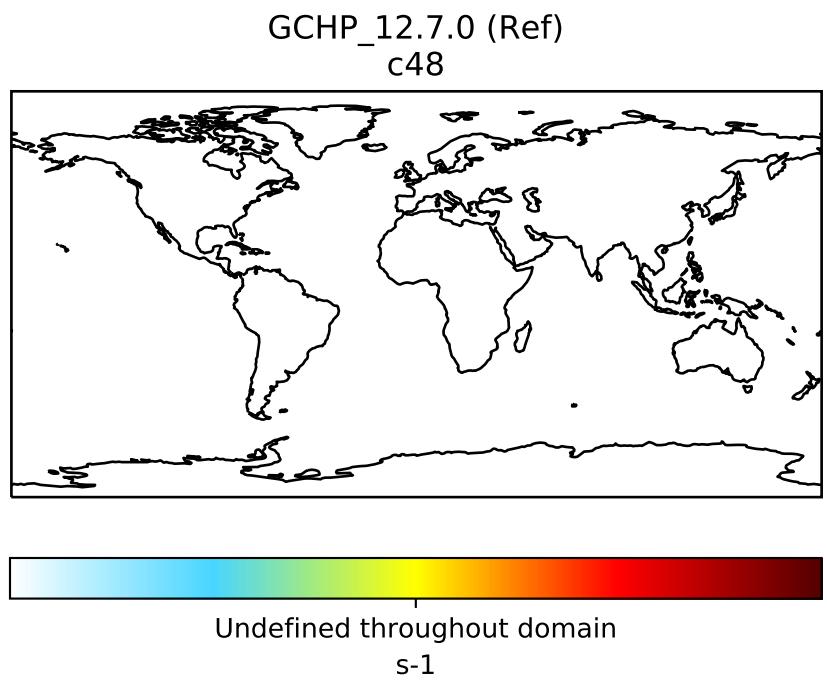
-0.3 -0.2 -0.1 0.0 0.1 0.2 0.3
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



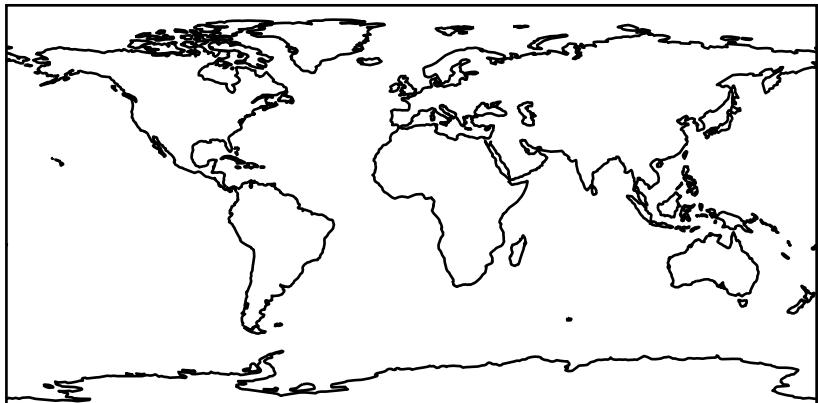
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

Jval_BR2



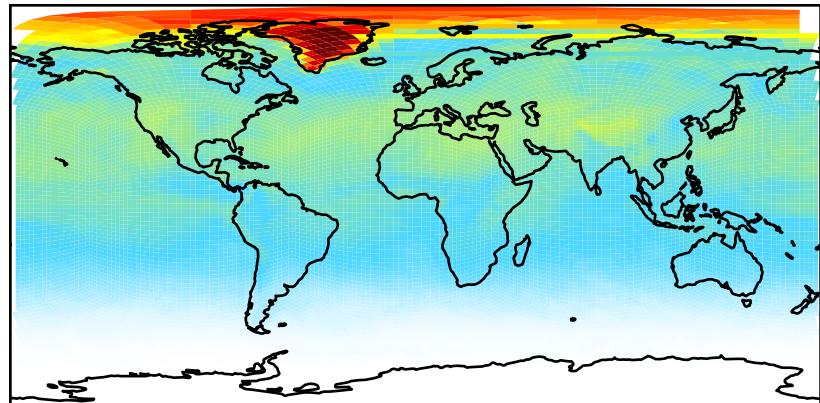
Jval_BRCL

GCHP_12.7.0 (Ref)
c48



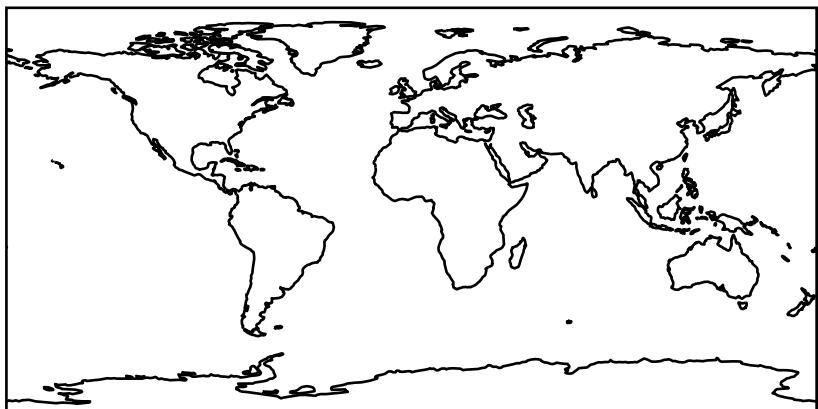
Undefined throughout domain
s-1

GCHP_12.8.0 (Dev)
c48



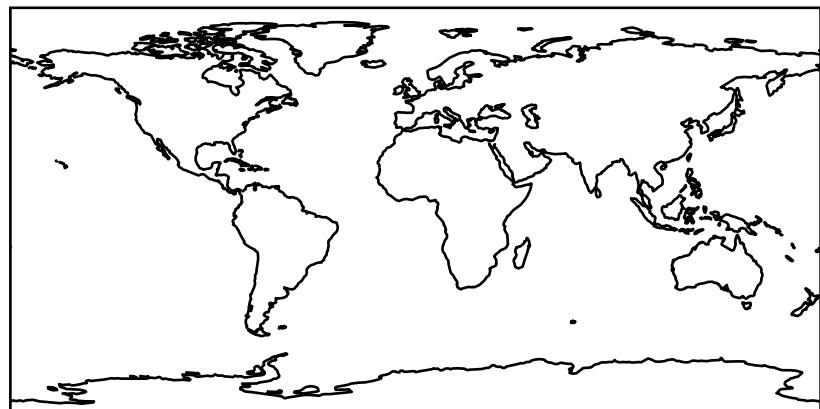
0.000 0.004 0.008 0.012
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



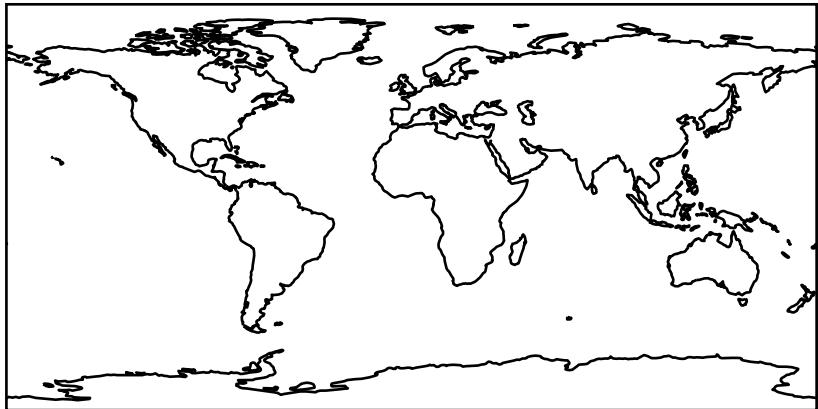
Undefined throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



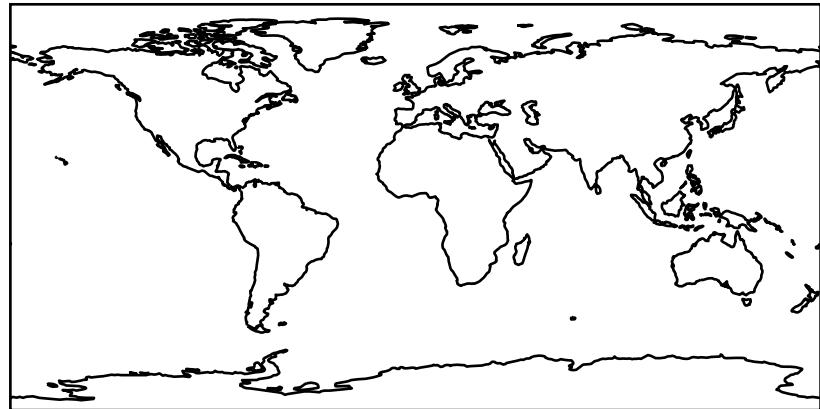
Undefined throughout domain
s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

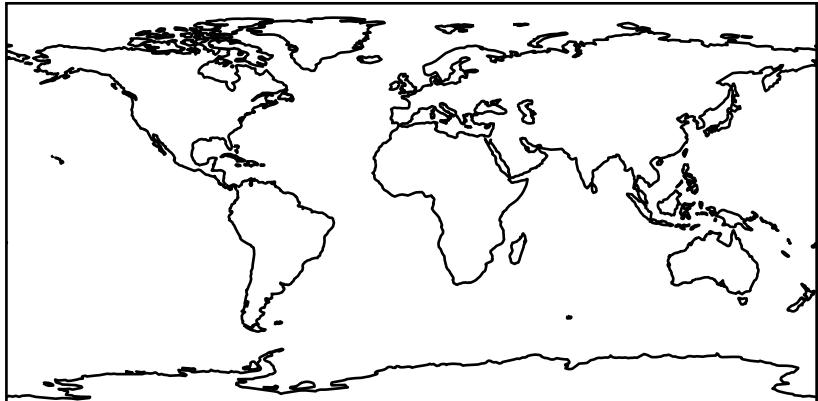
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain
unitless

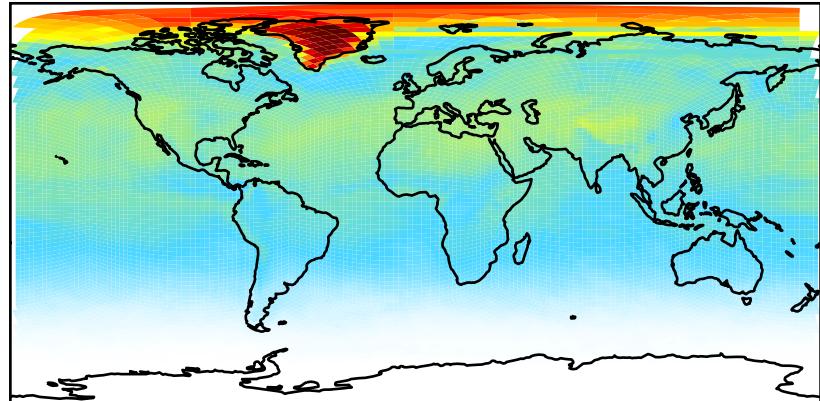
Jval_BRNO2

GCHP_12.7.0 (Ref)
c48



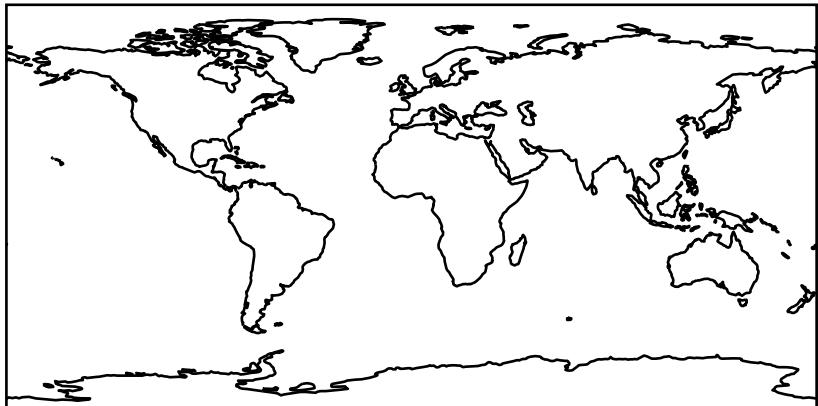
Undefined throughout domain
s-1

GCHP_12.8.0 (Dev)
c48



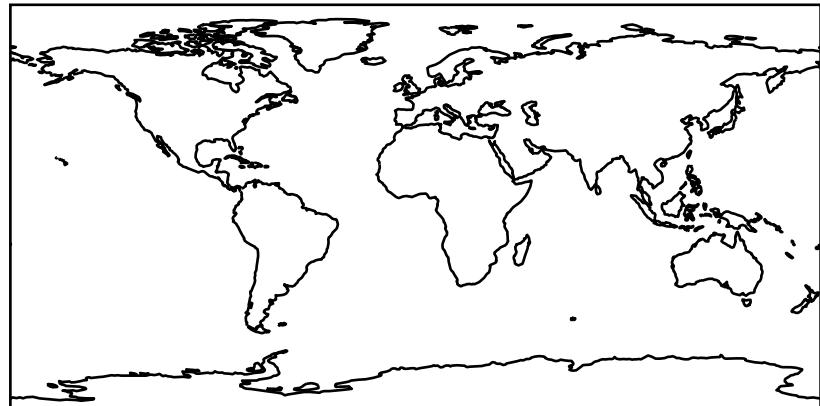
0.000 0.002 0.004 0.006
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



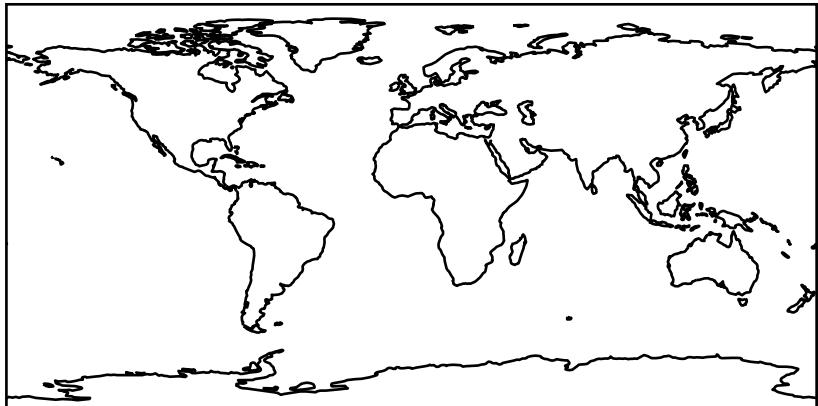
Undefined throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



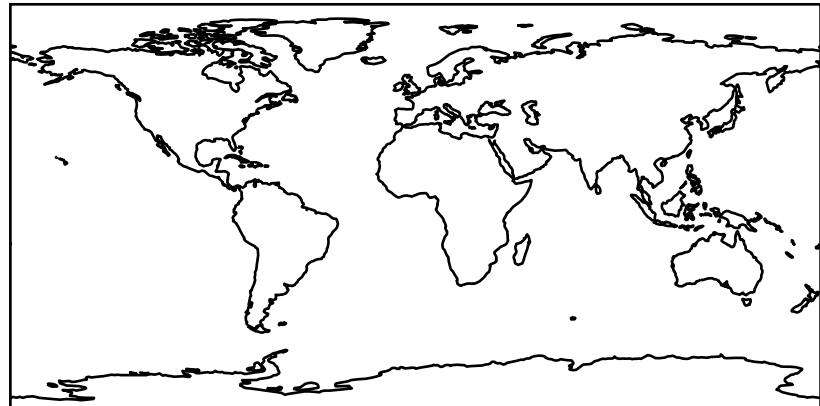
Undefined throughout domain
s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain
unitless

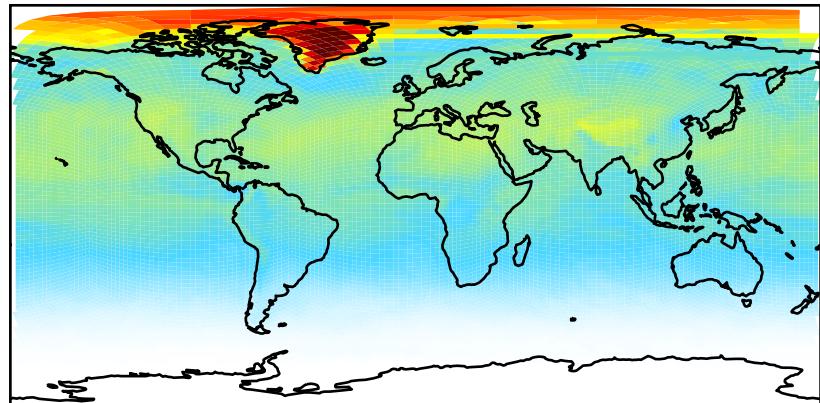
Jval_BRNO3

GCHP_12.7.0 (Ref)
c48



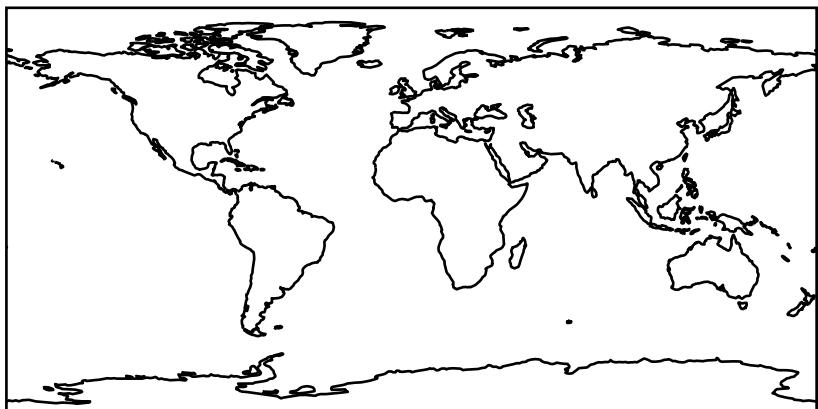
Undefined throughout domain
s-1

GCHP_12.8.0 (Dev)
c48



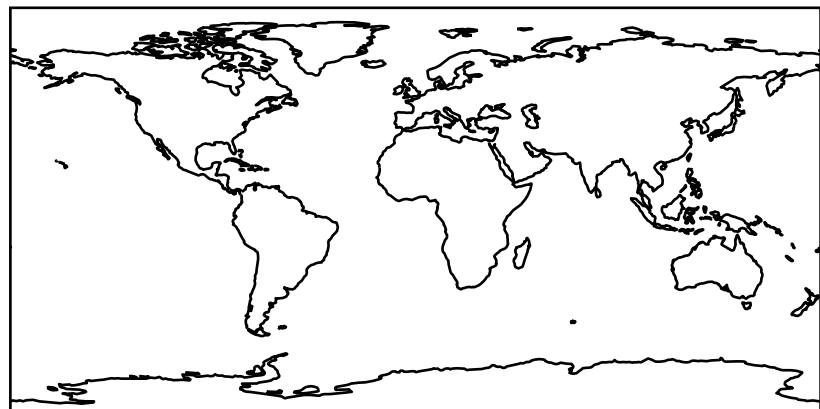
0.0000 0.0004 0.0008 0.0012
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



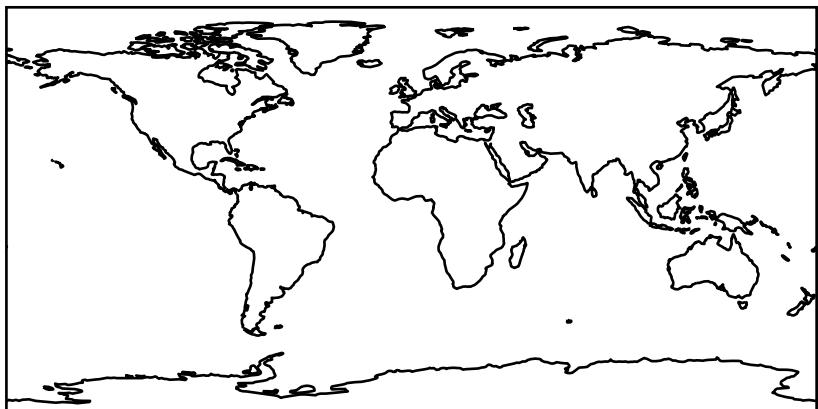
Undefined throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



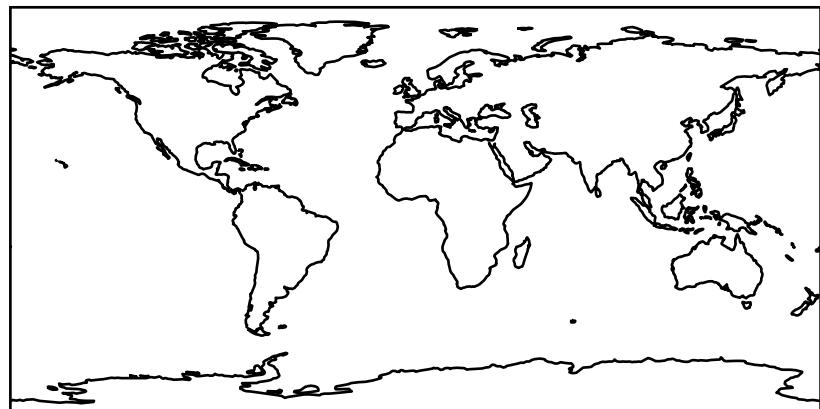
Undefined throughout domain
s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain
unitless

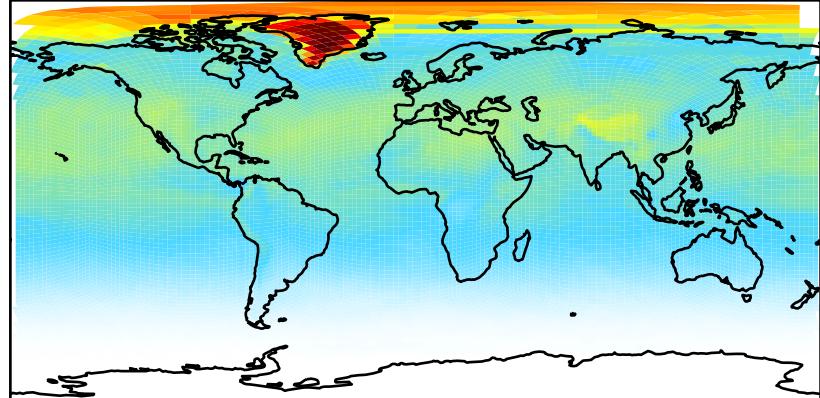
Jval_BRO

GCHP_12.7.0 (Ref)
c48



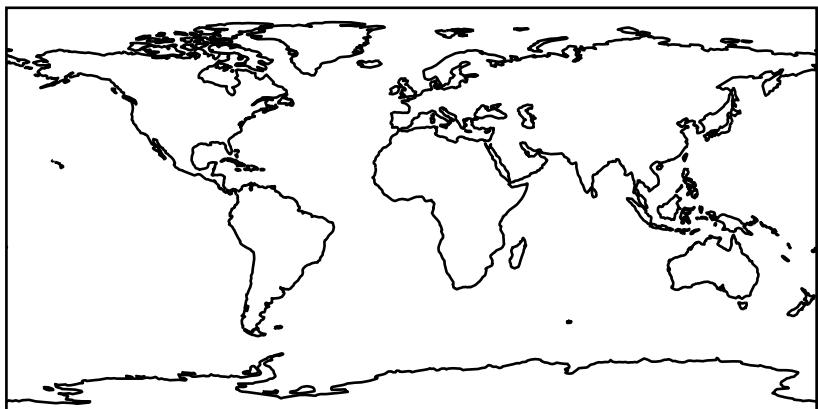
Undefined throughout domain
s-1

GCHP_12.8.0 (Dev)
c48



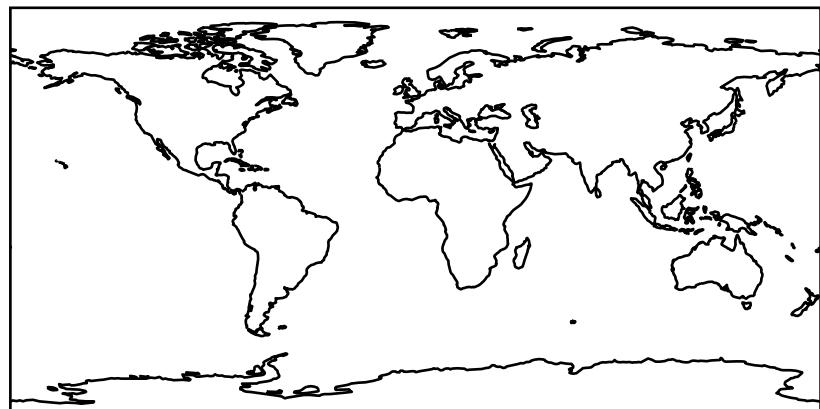
0.00 0.01 0.02 0.03
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



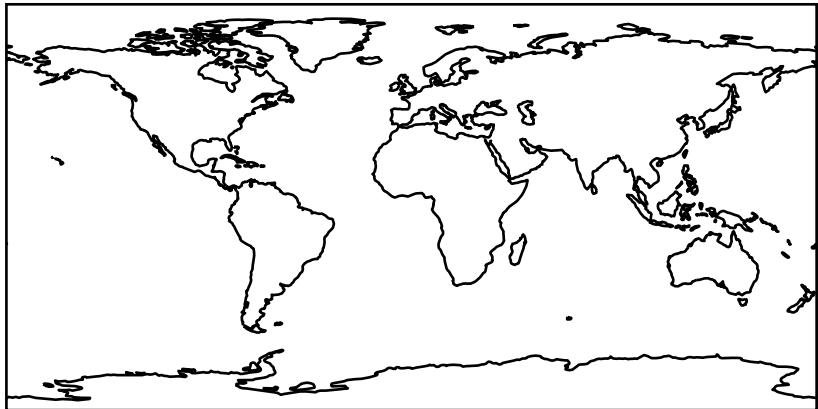
Undefined throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



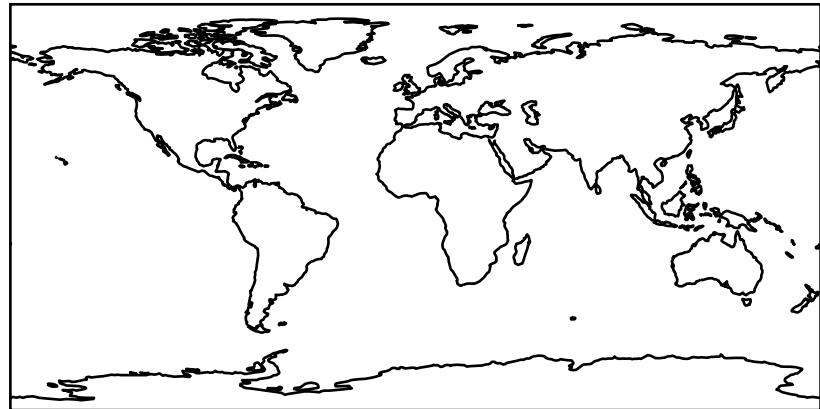
Undefined throughout domain
s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

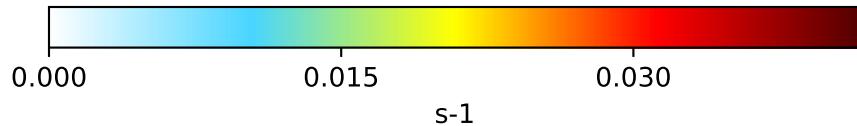
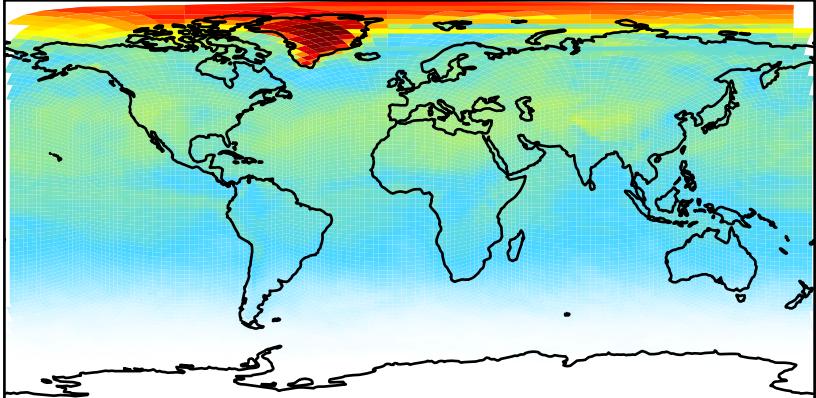
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



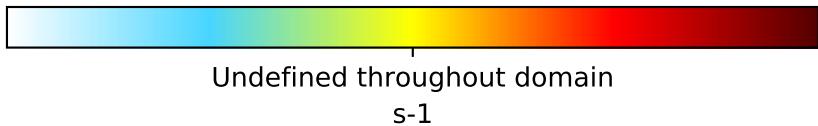
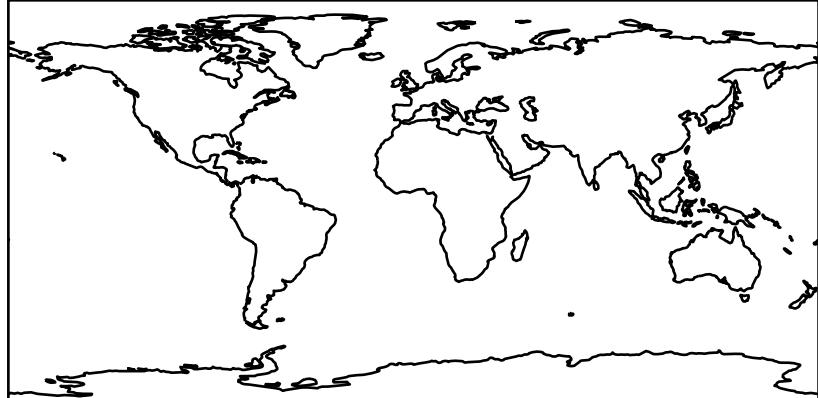
Undefined throughout domain
unitless

Jval_Br2

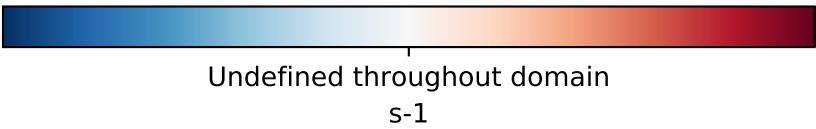
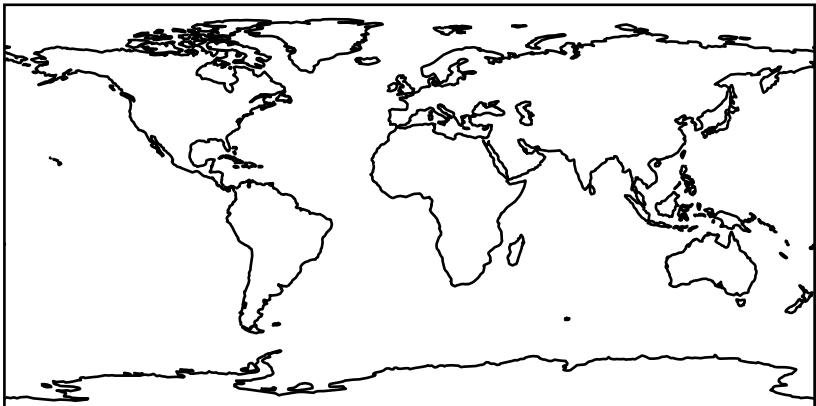
GCHP_12.7.0 (Ref)
c48



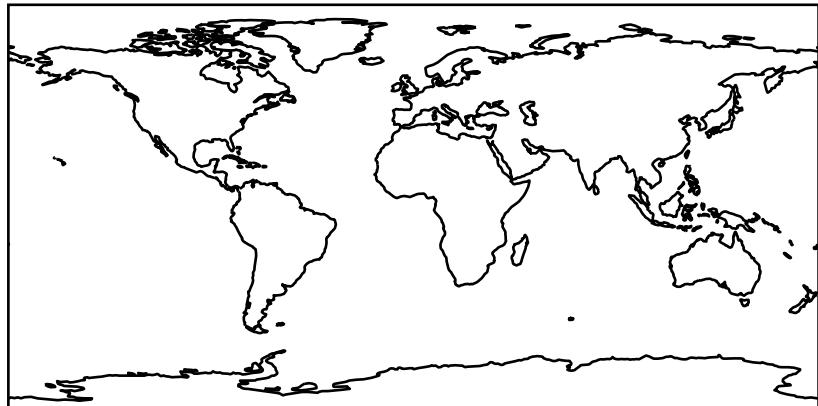
GCHP_12.8.0 (Dev)
c48



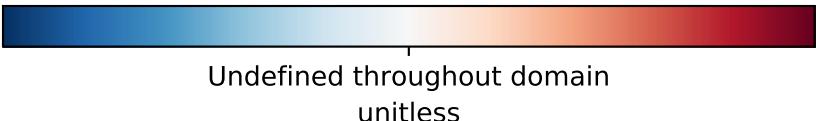
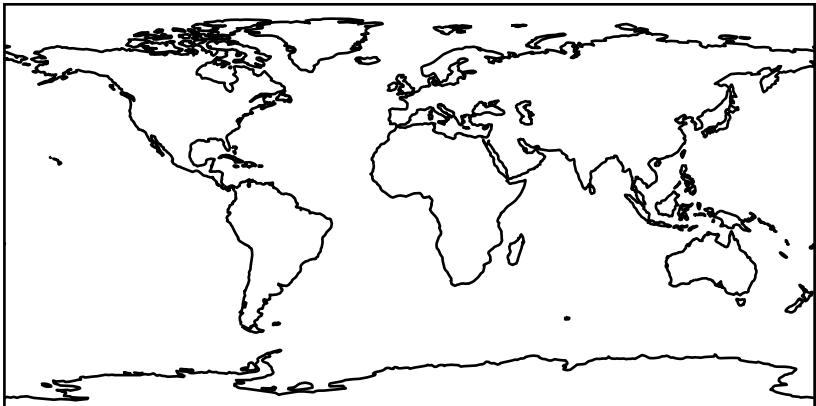
Difference (1x1.25)
Dev - Ref, Dynamic Range



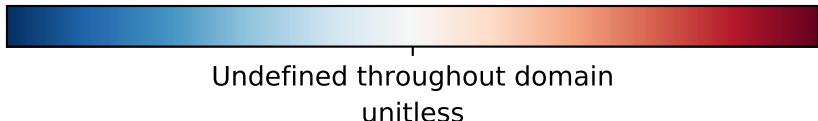
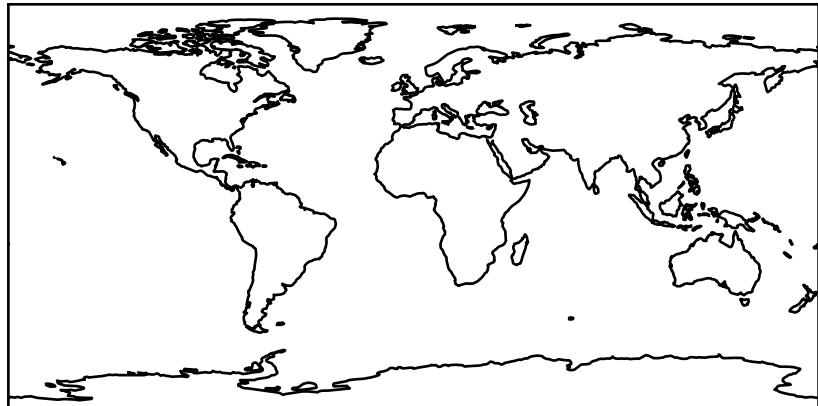
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

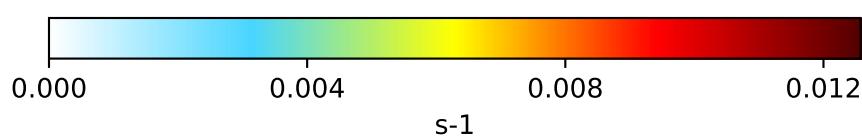
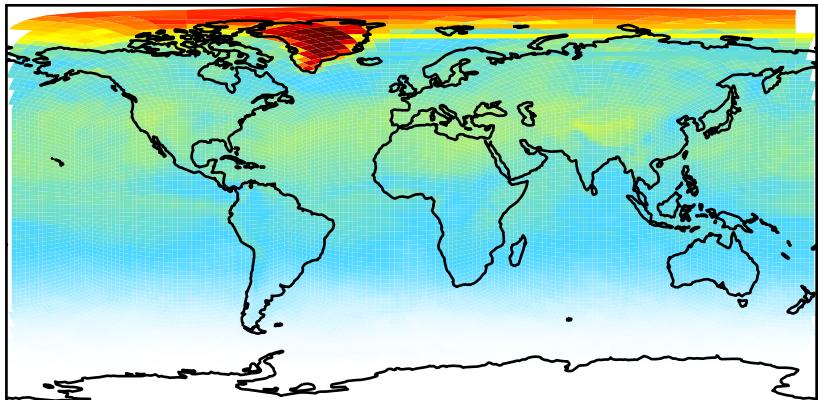


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

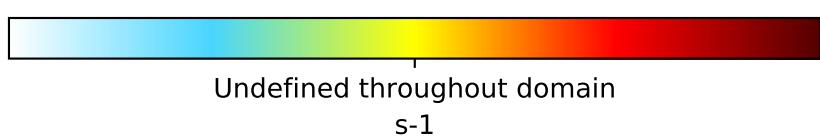
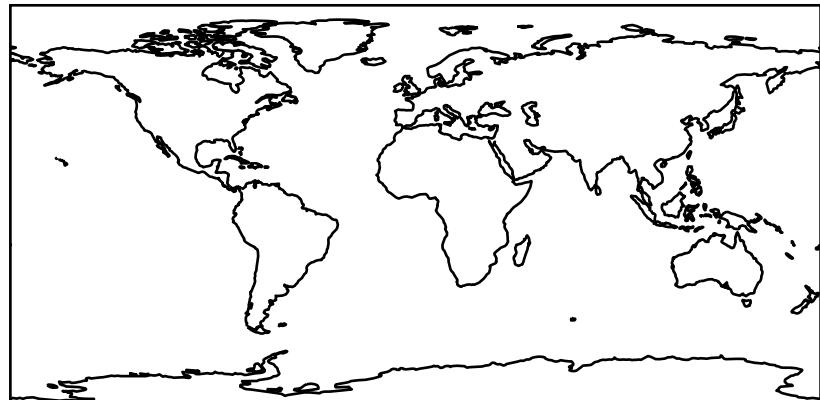


Jval_BrCl

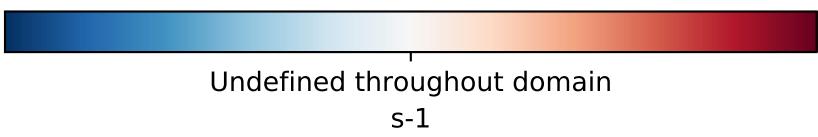
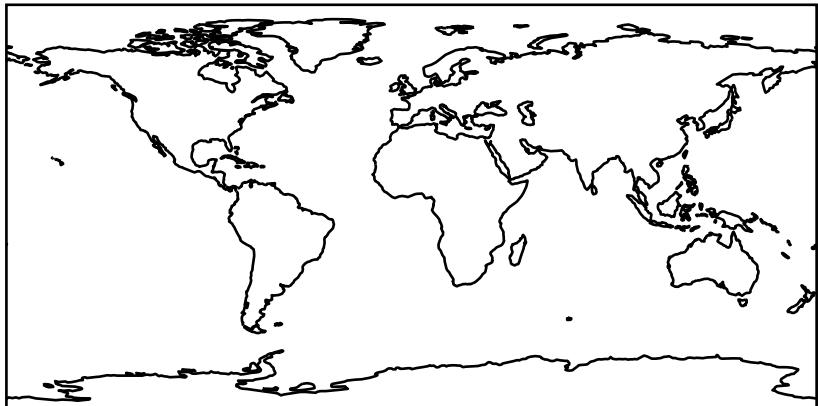
GCHP_12.7.0 (Ref)
c48



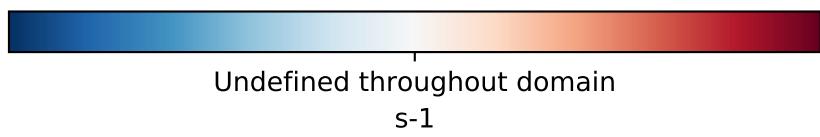
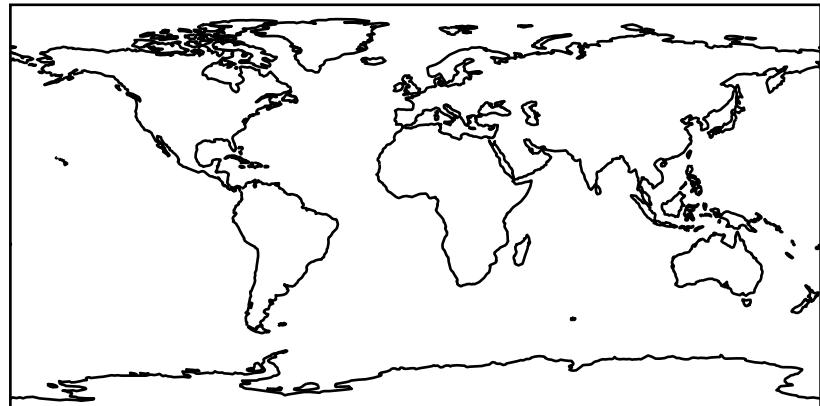
GCHP_12.8.0 (Dev)
c48



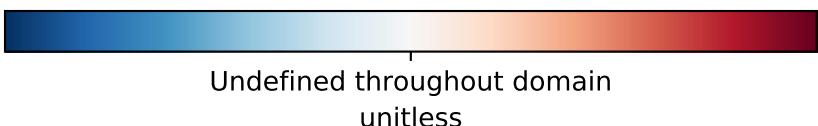
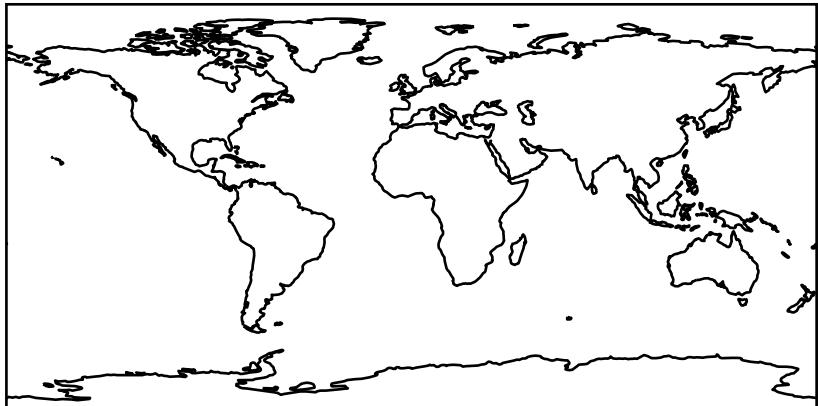
Difference (1x1.25)
Dev - Ref, Dynamic Range



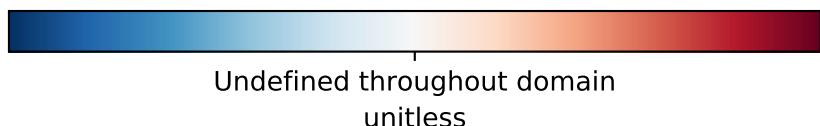
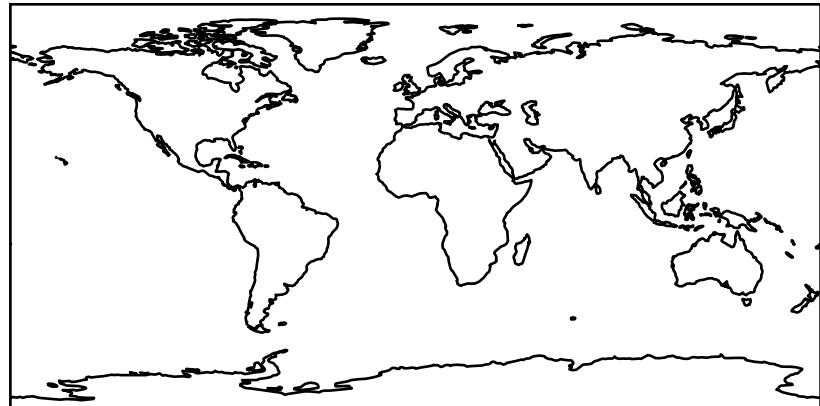
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

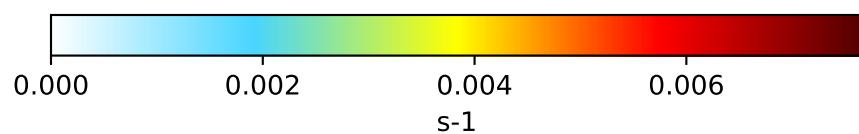
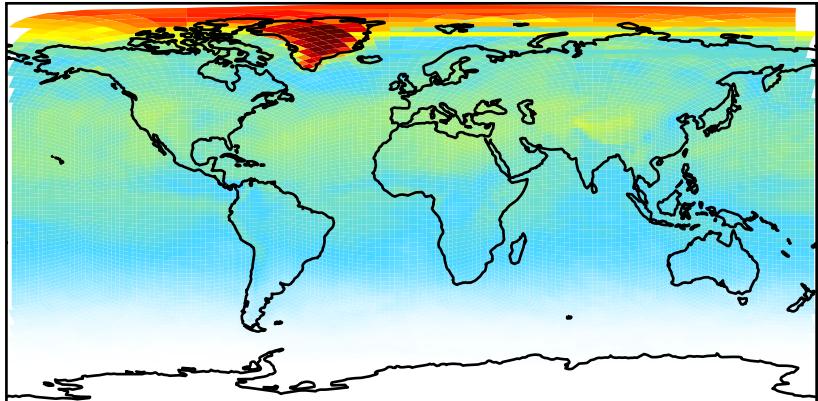


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

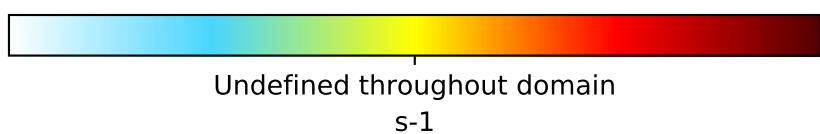
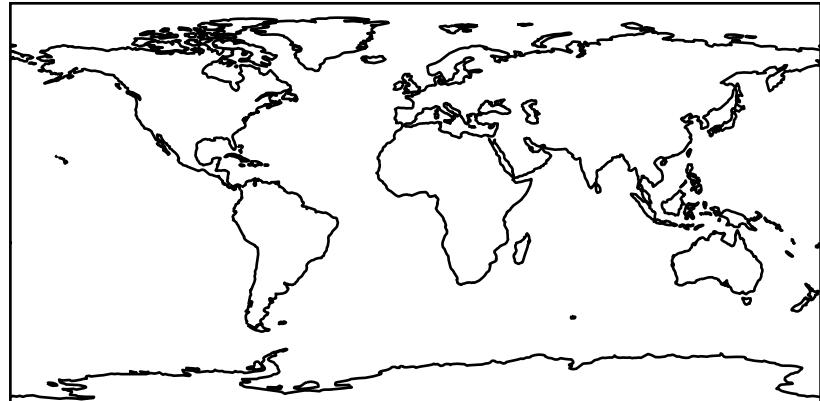


Jval_BrNO2

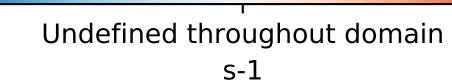
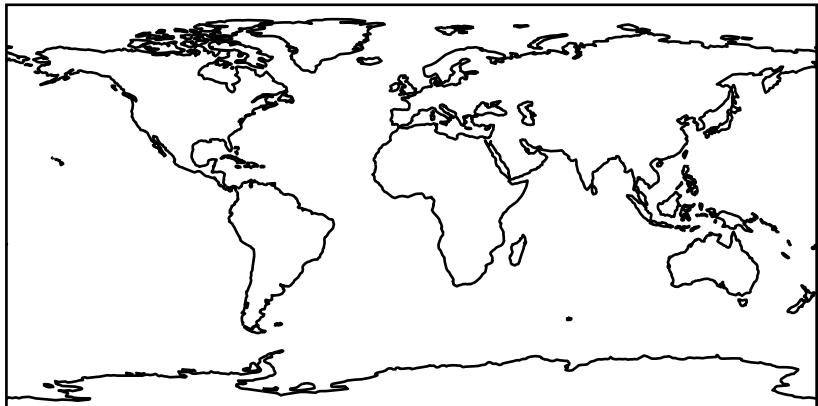
GCHP_12.7.0 (Ref)
c48



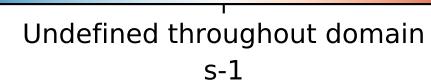
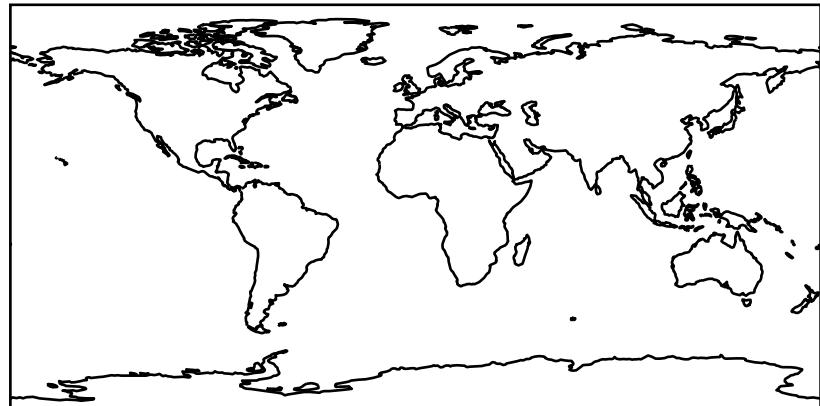
GCHP_12.8.0 (Dev)
c48



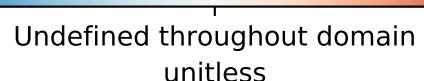
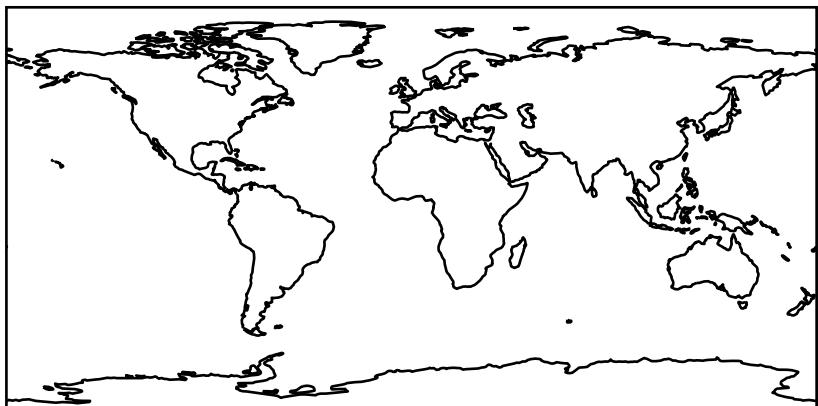
Difference (1x1.25)
Dev - Ref, Dynamic Range



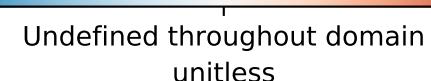
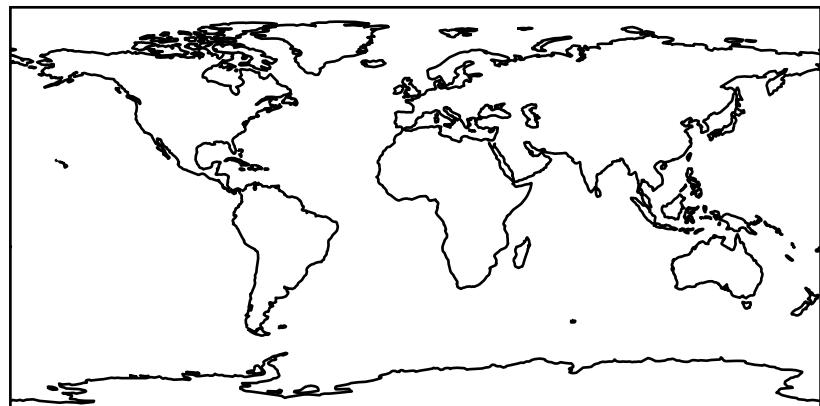
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

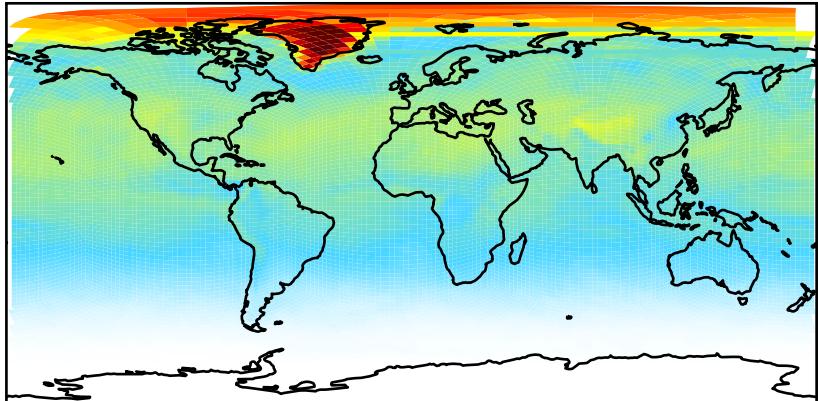


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



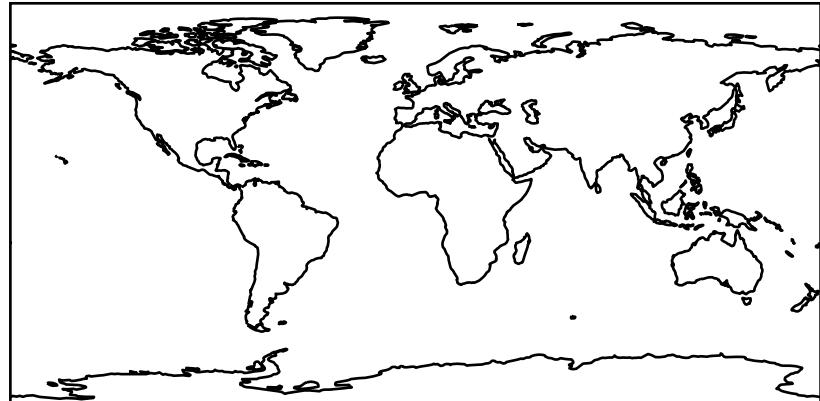
Jval_BrNO3

GCHP_12.7.0 (Ref)
c48



0.0000 0.0004 0.0008 0.0012
s⁻¹

GCHP_12.8.0 (Dev)
c48



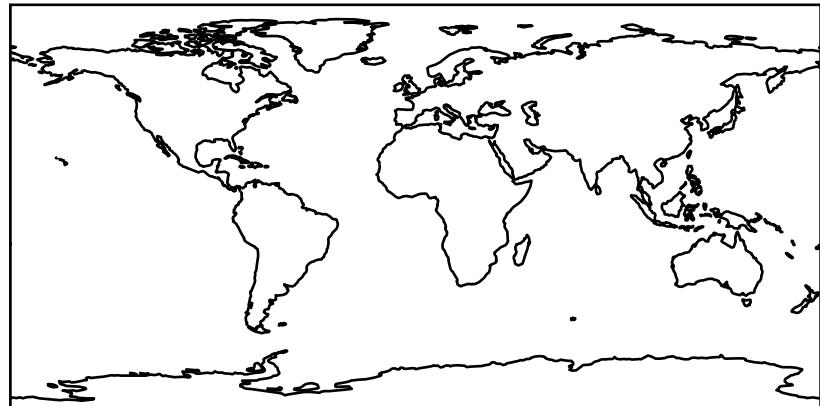
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s⁻¹

Difference (1x1.25)
Dev - Ref, Dynamic Range



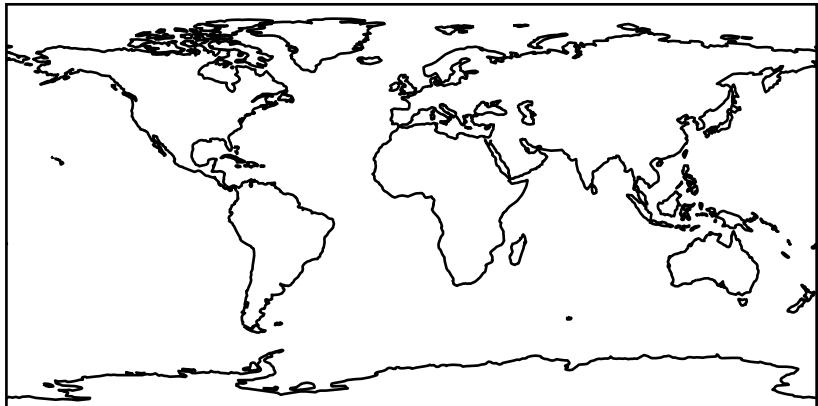
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s⁻¹

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



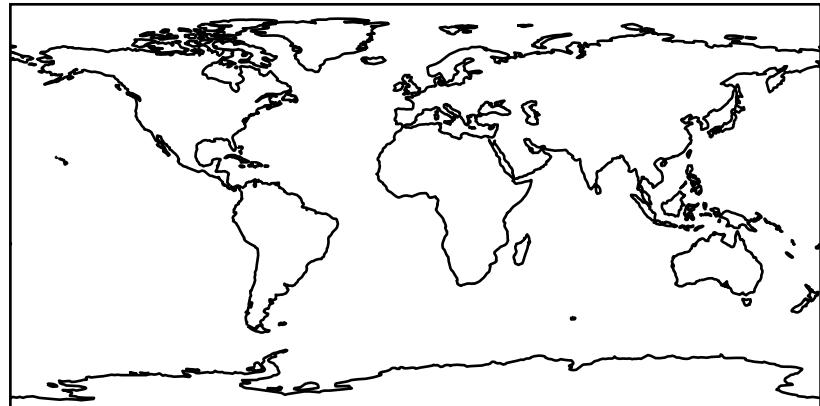
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s⁻¹

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

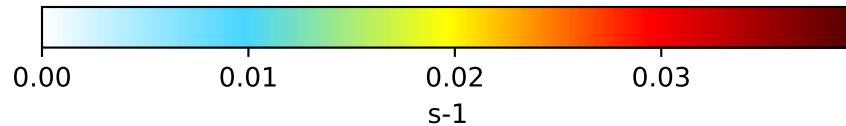
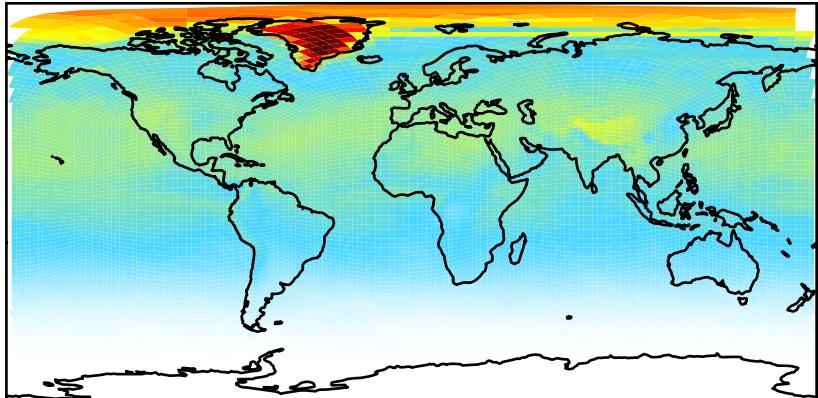
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



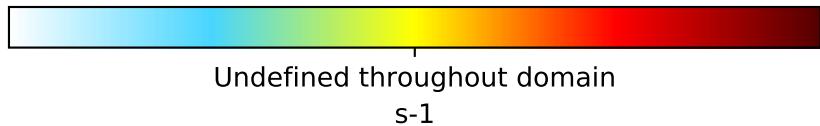
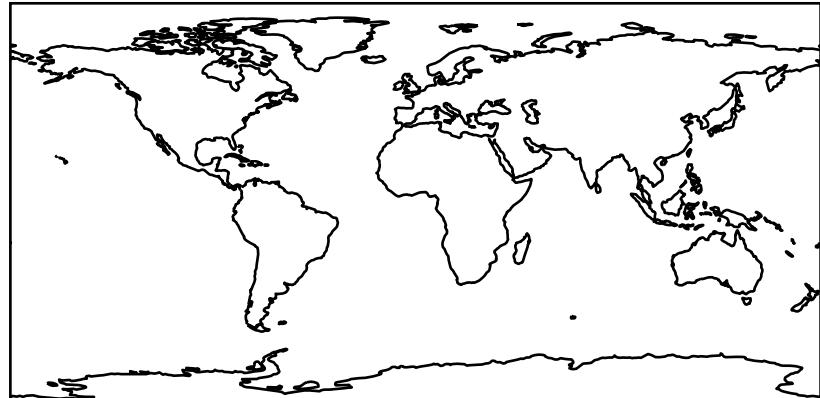
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unitless

Jval_BrO

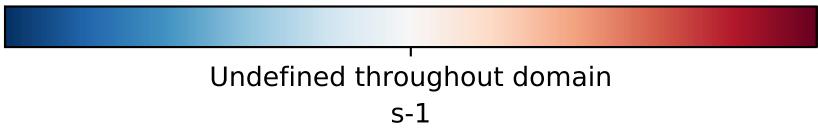
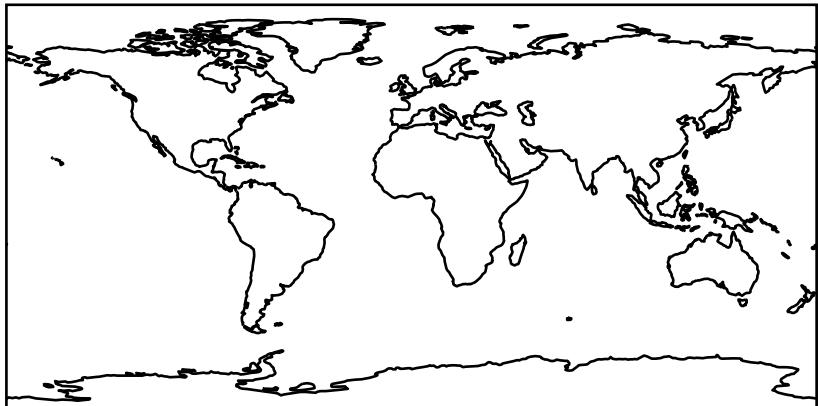
GCHP_12.7.0 (Ref)
c48



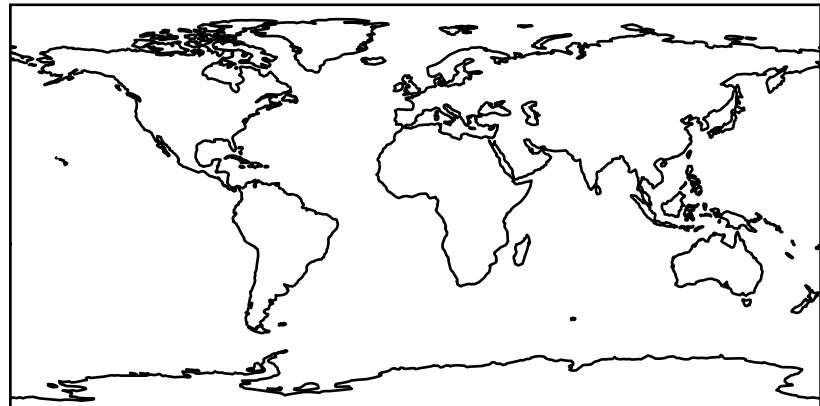
GCHP_12.8.0 (Dev)
c48



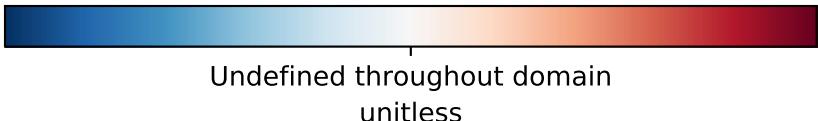
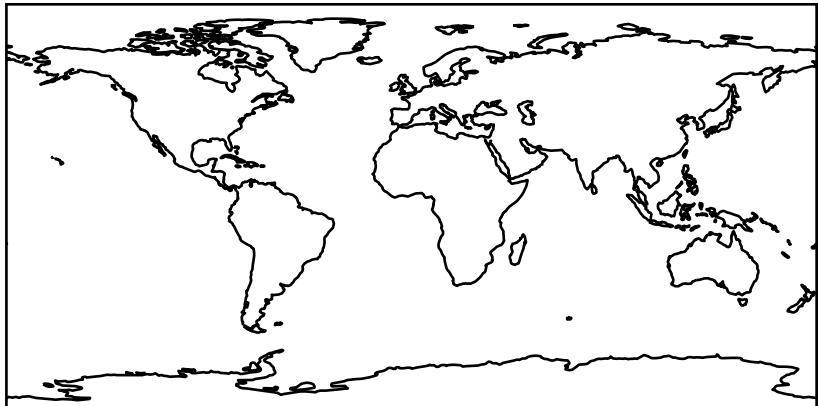
Difference (1x1.25)
Dev - Ref, Dynamic Range



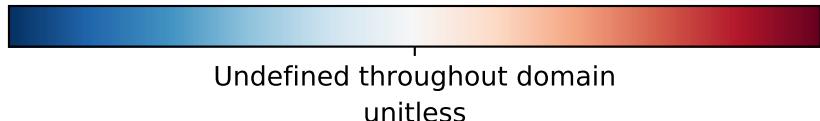
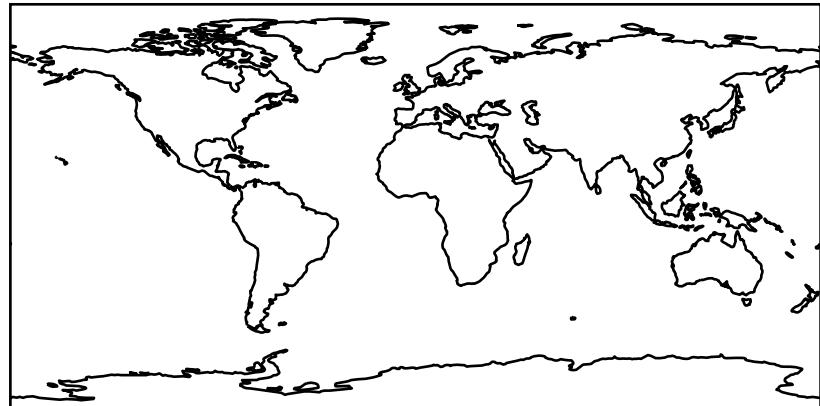
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



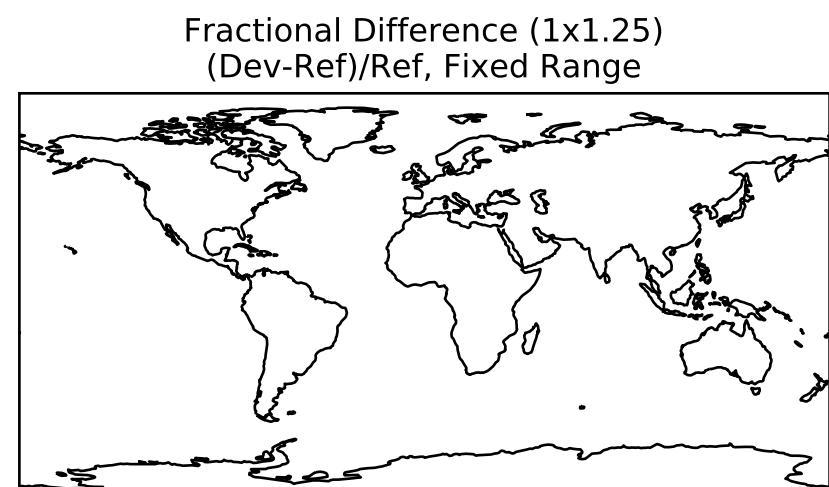
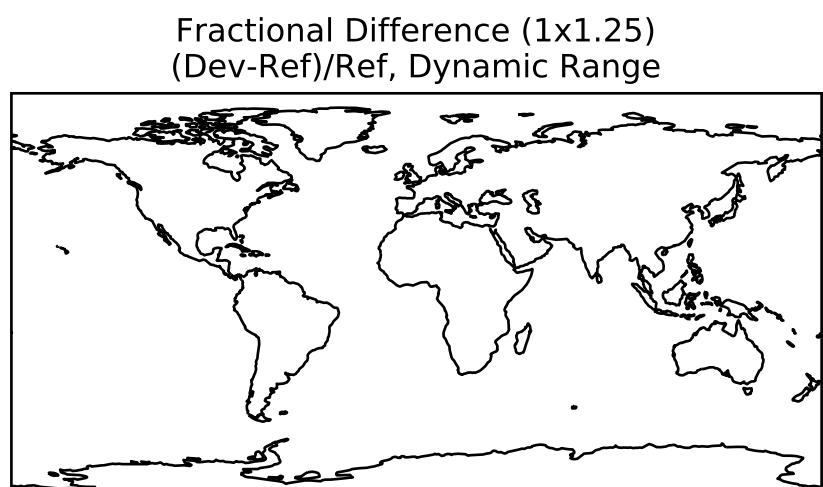
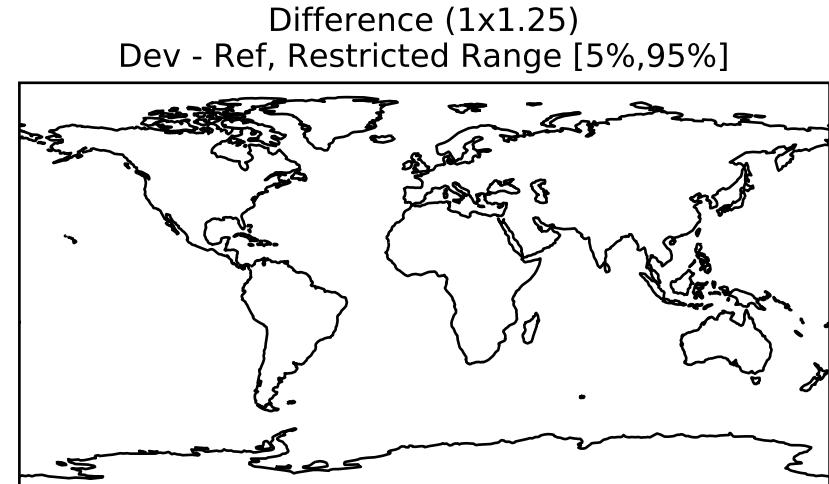
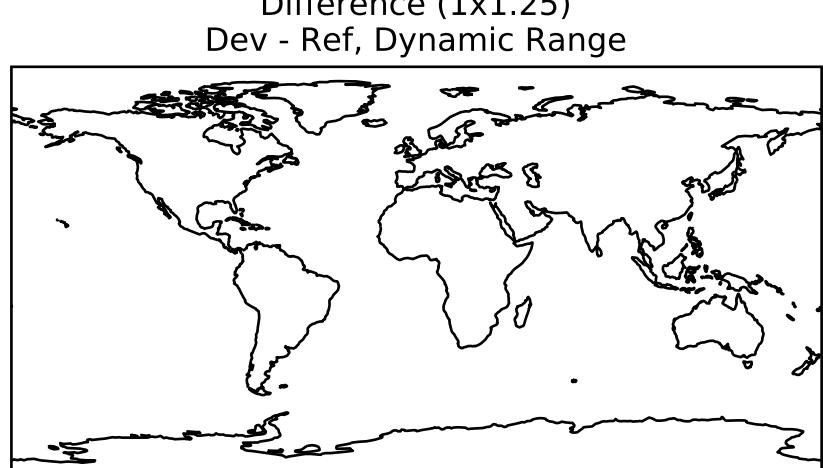
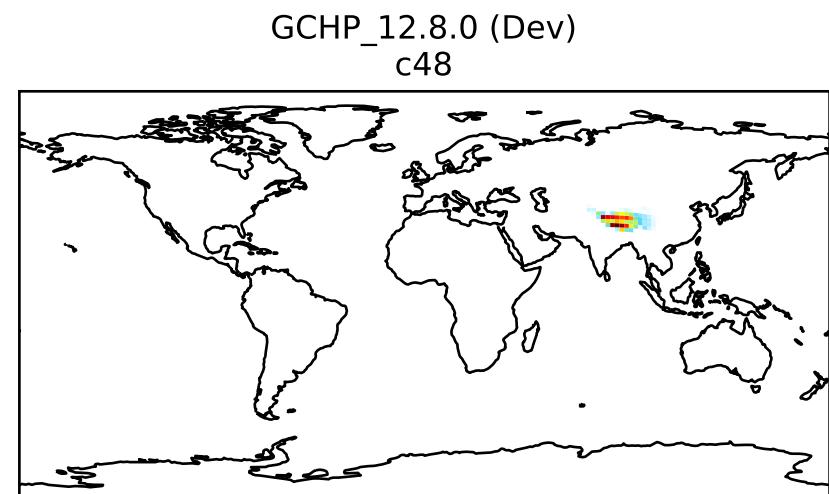
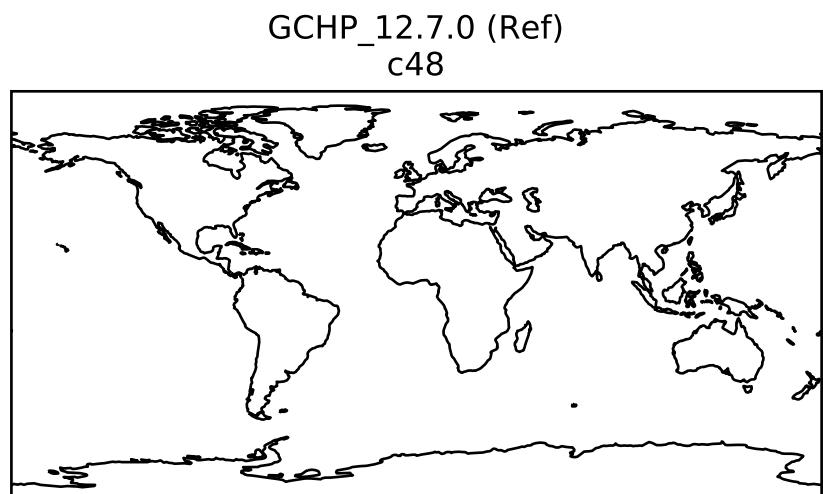
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

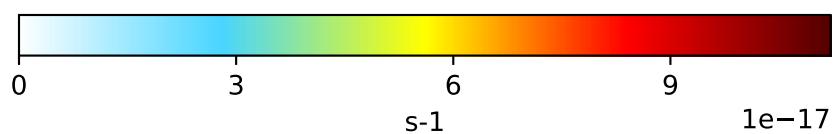
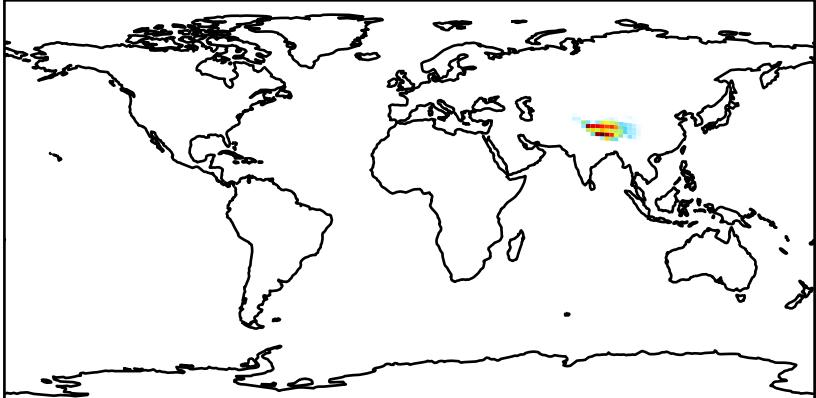


Jval_CCL4

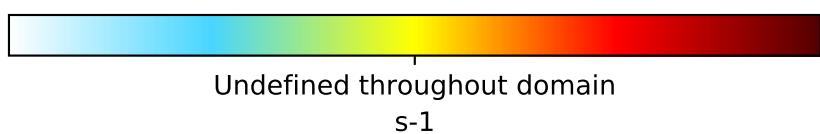
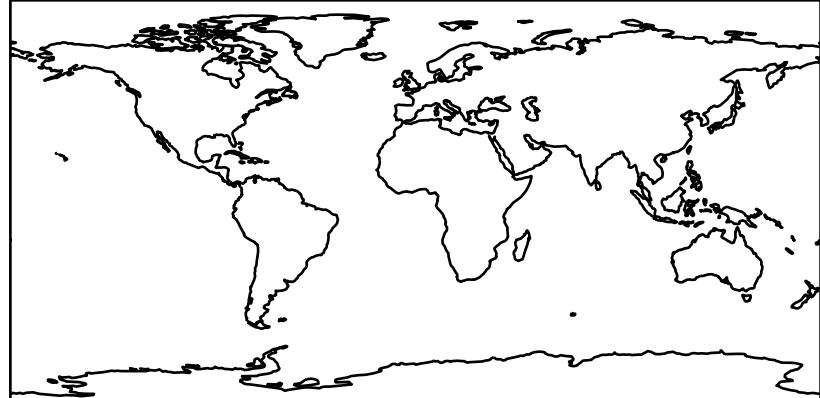


Jval_CCI4

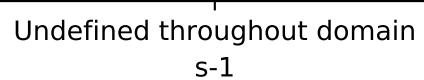
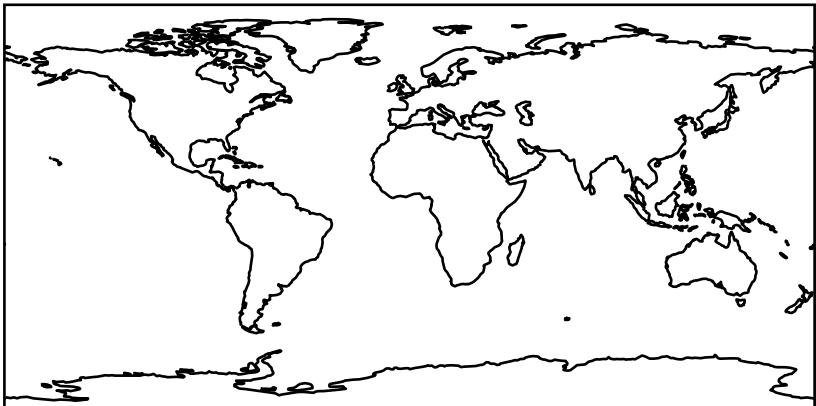
GCHP_12.7.0 (Ref)
c48



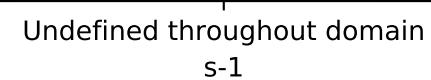
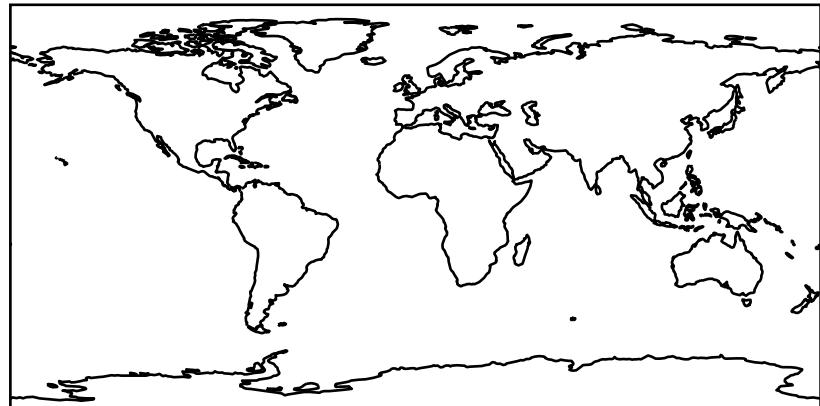
GCHP_12.8.0 (Dev)
c48



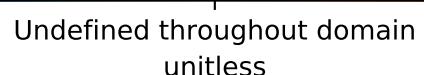
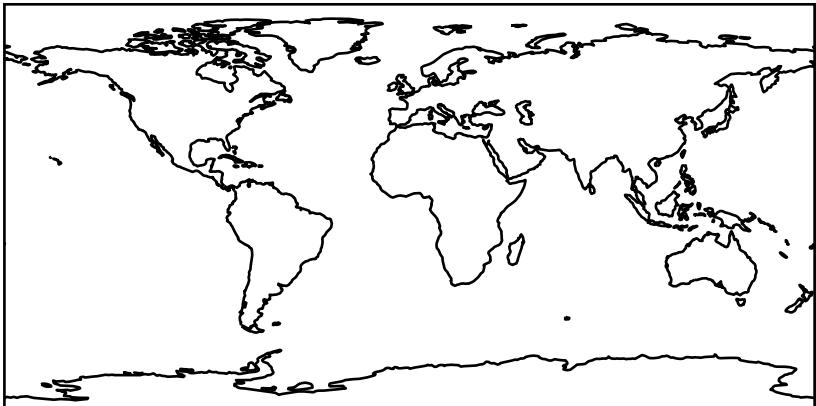
Difference (1x1.25)
Dev - Ref, Dynamic Range



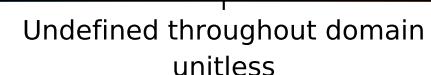
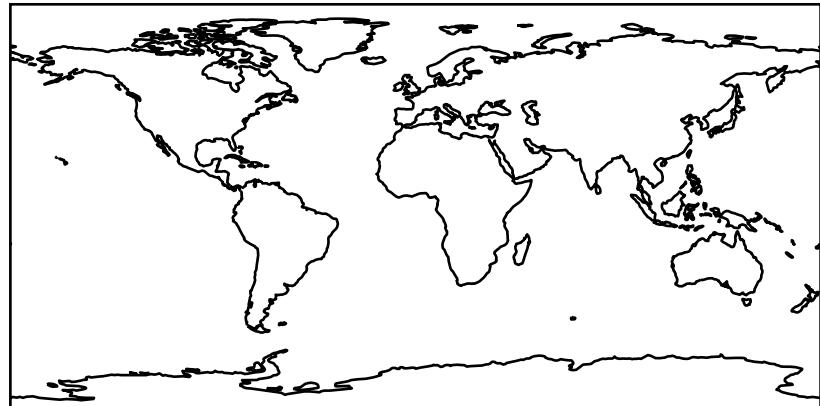
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



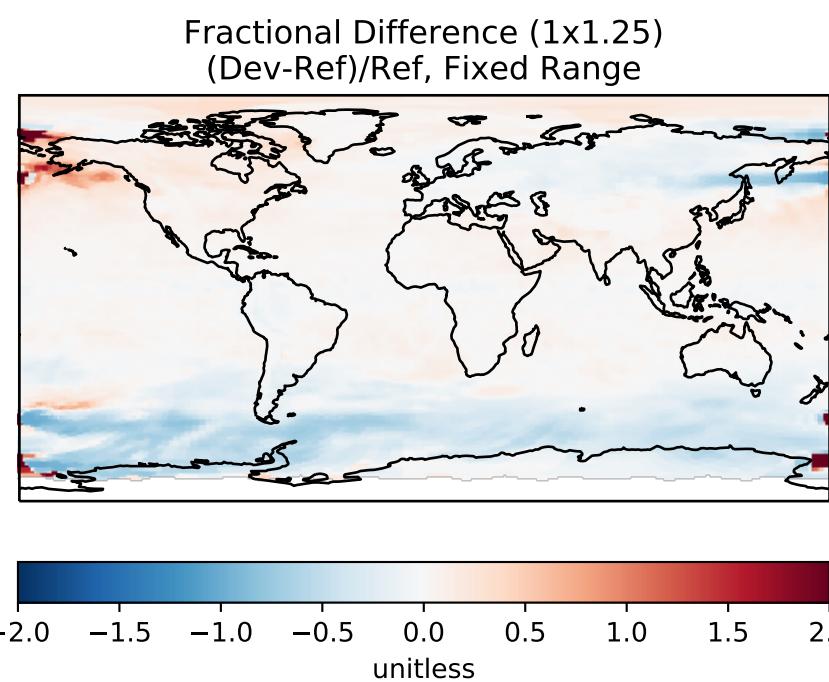
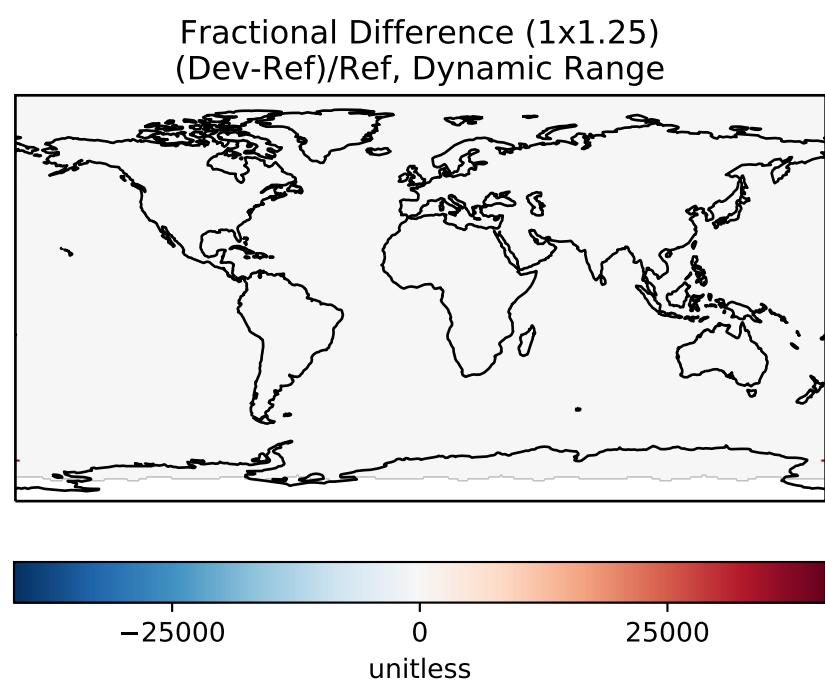
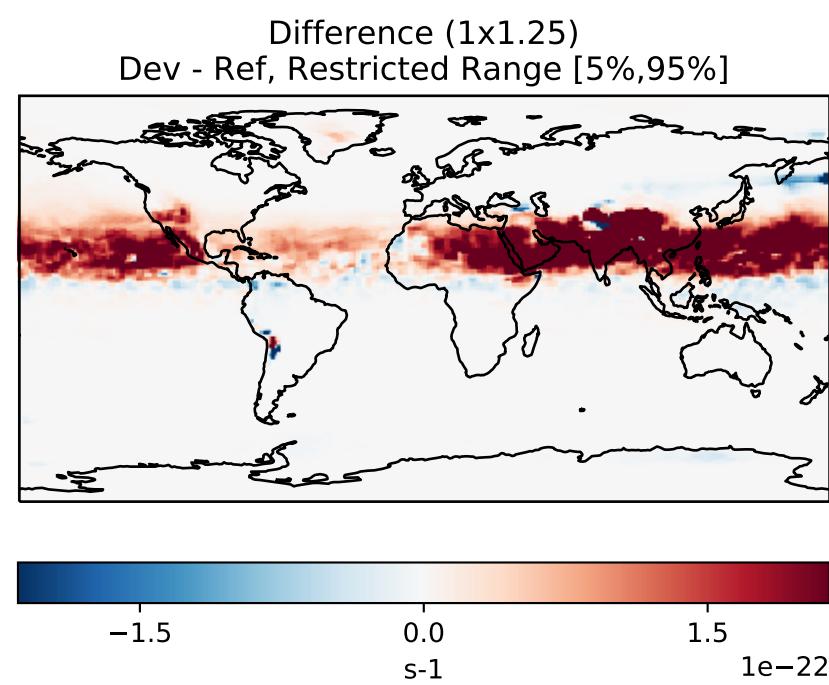
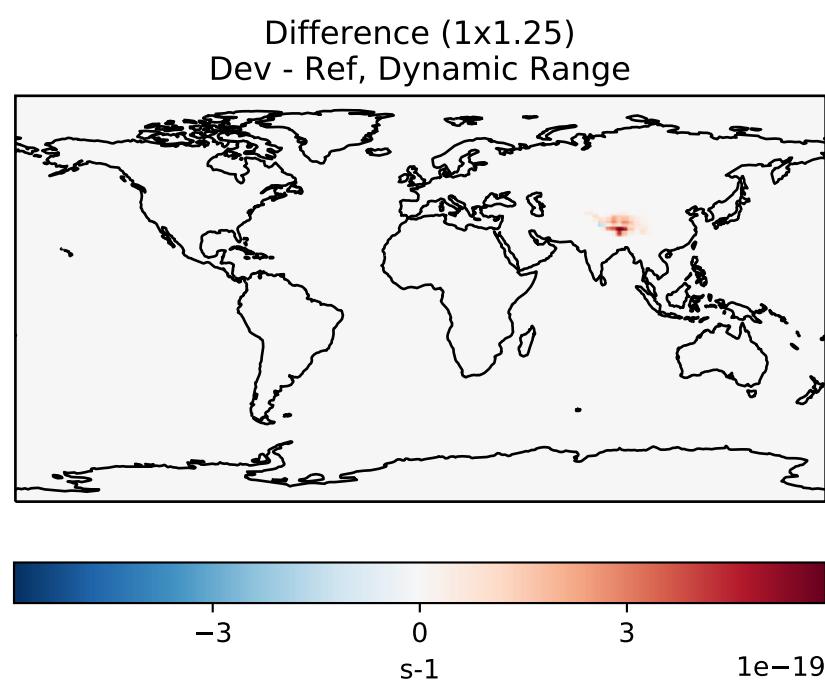
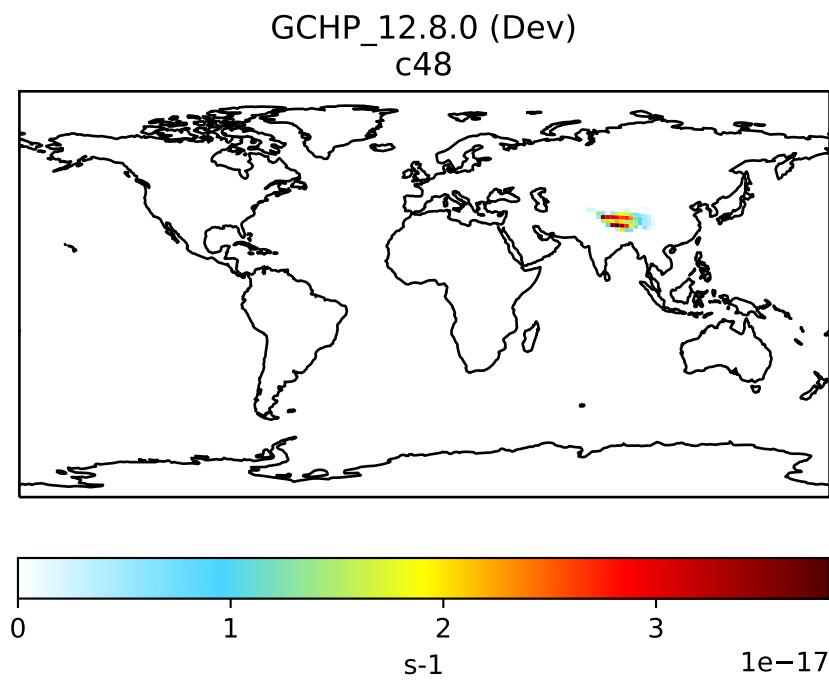
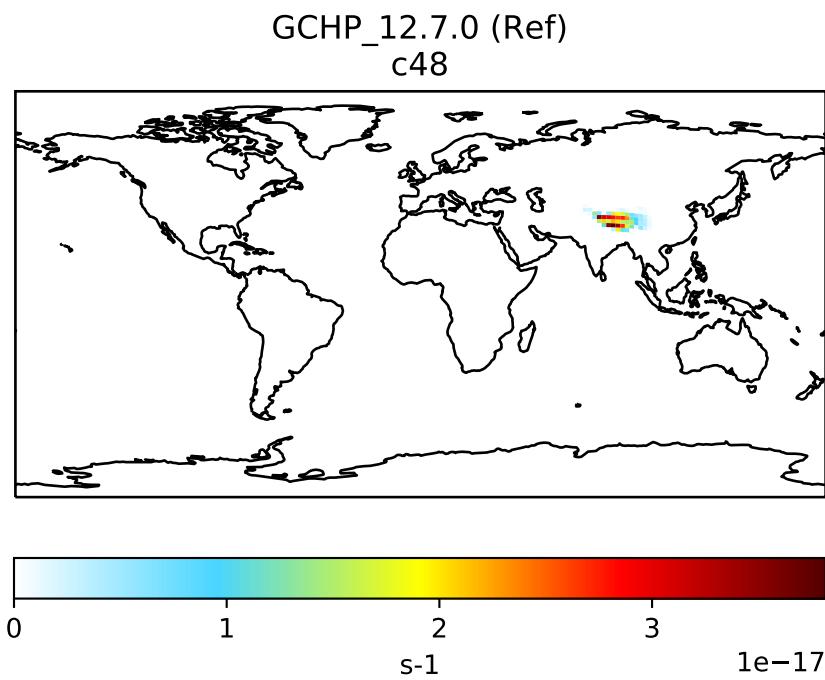
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



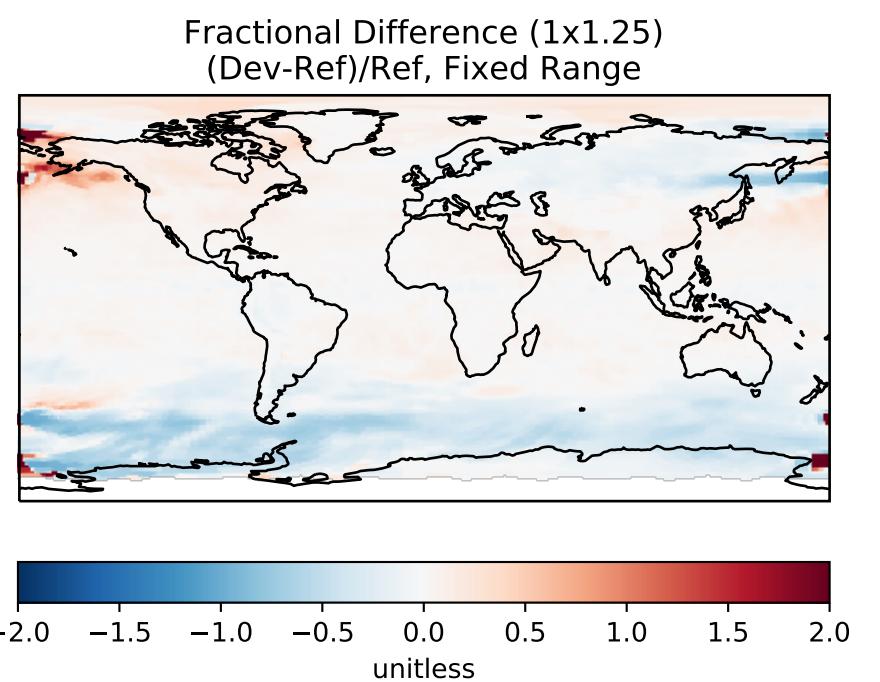
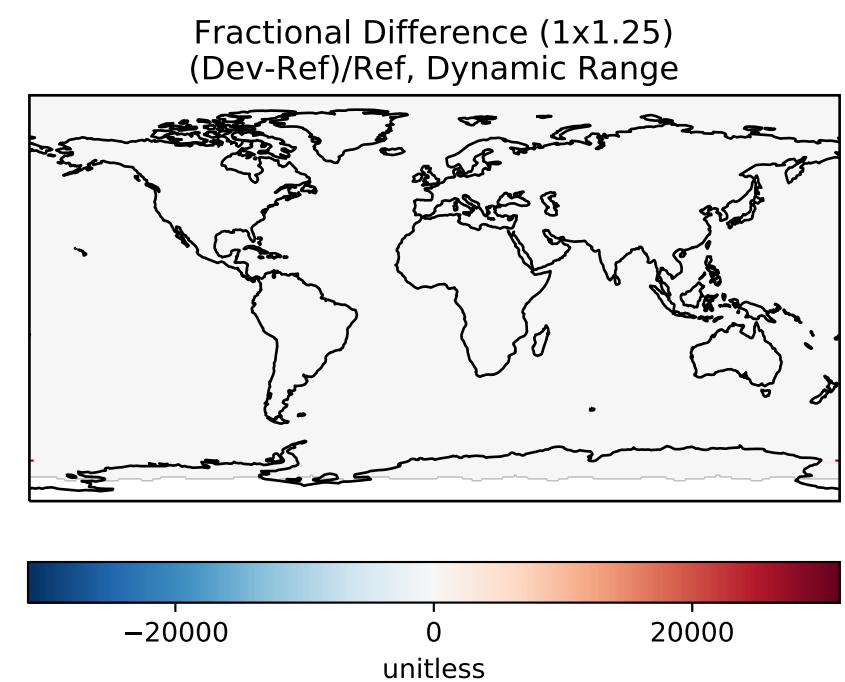
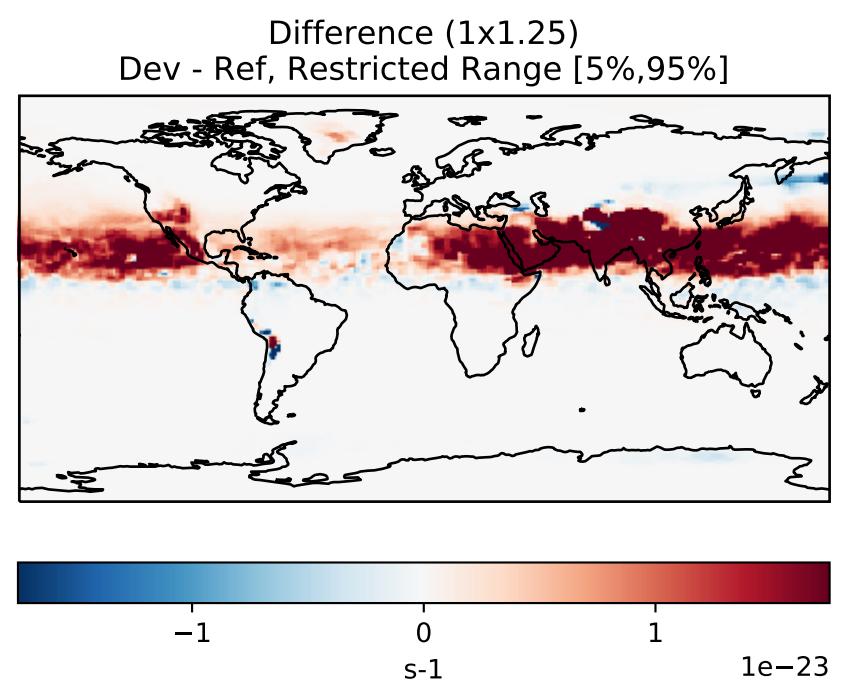
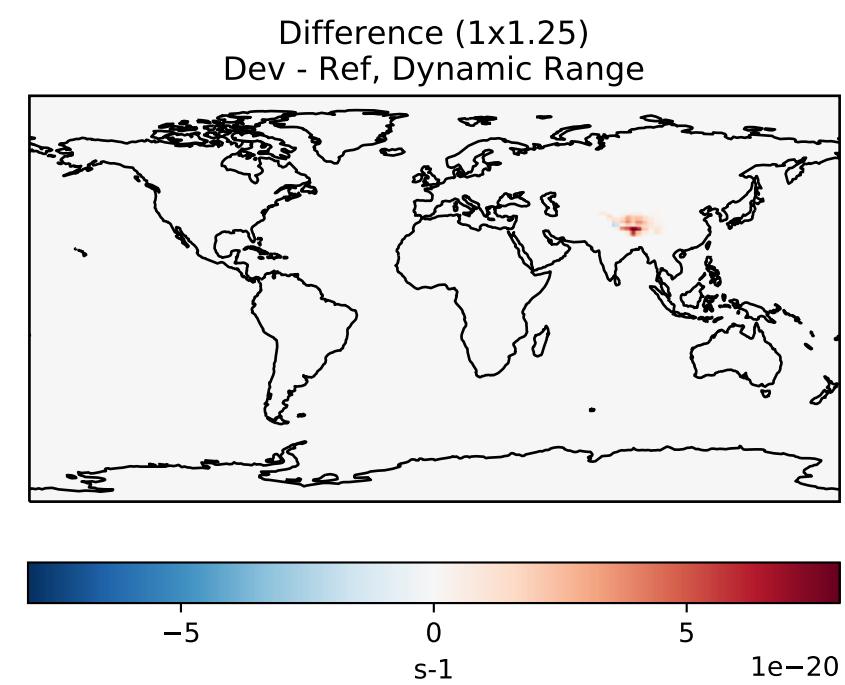
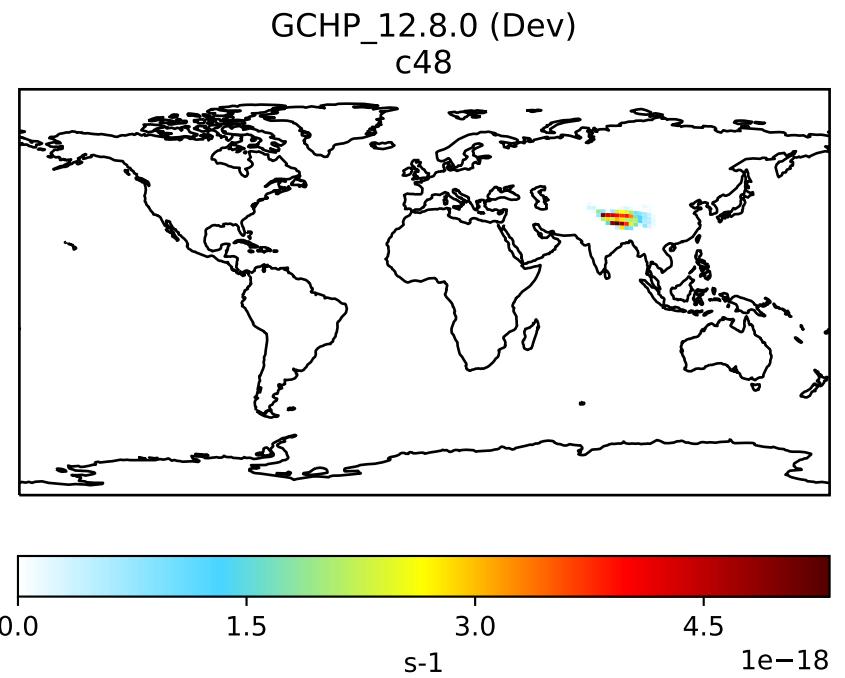
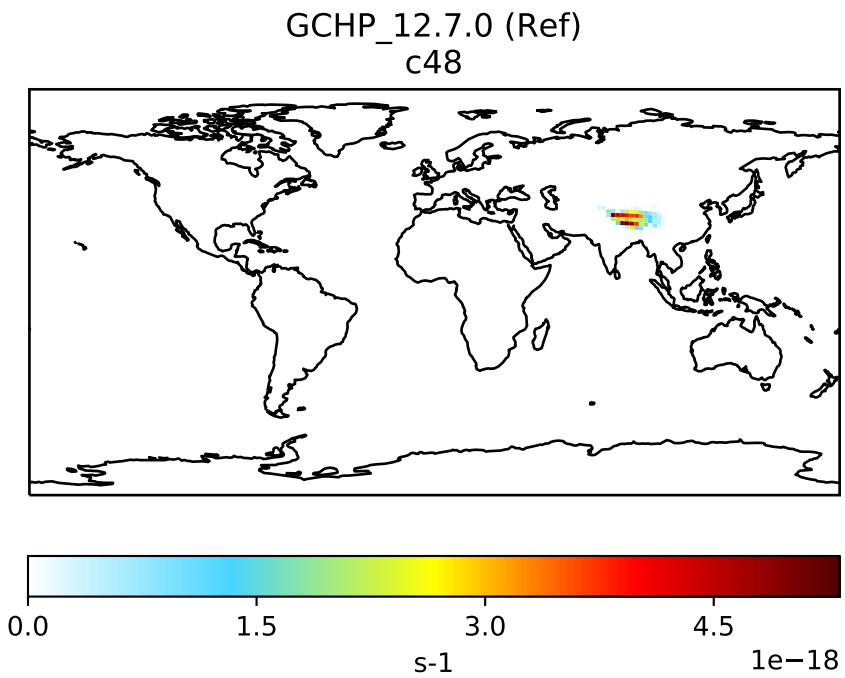
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



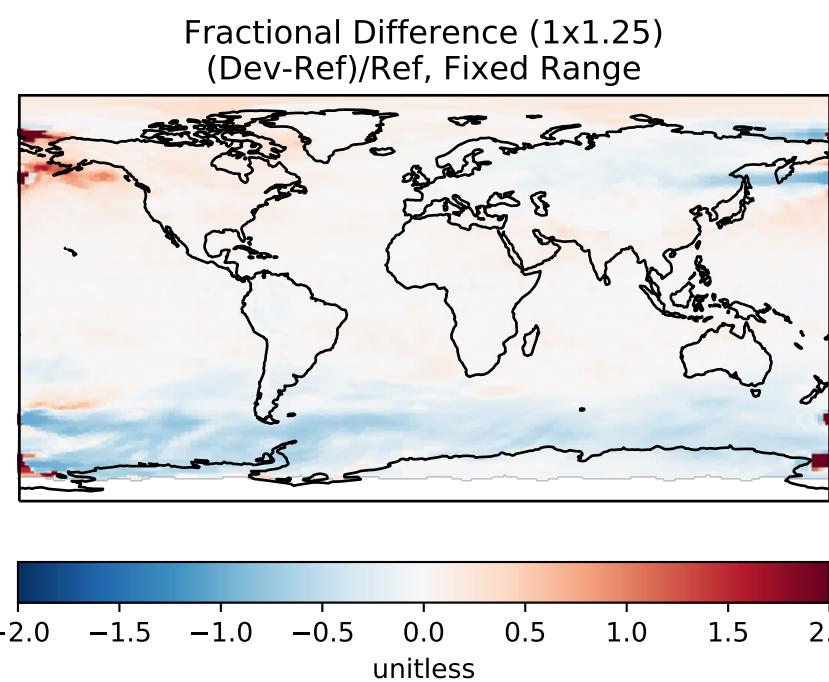
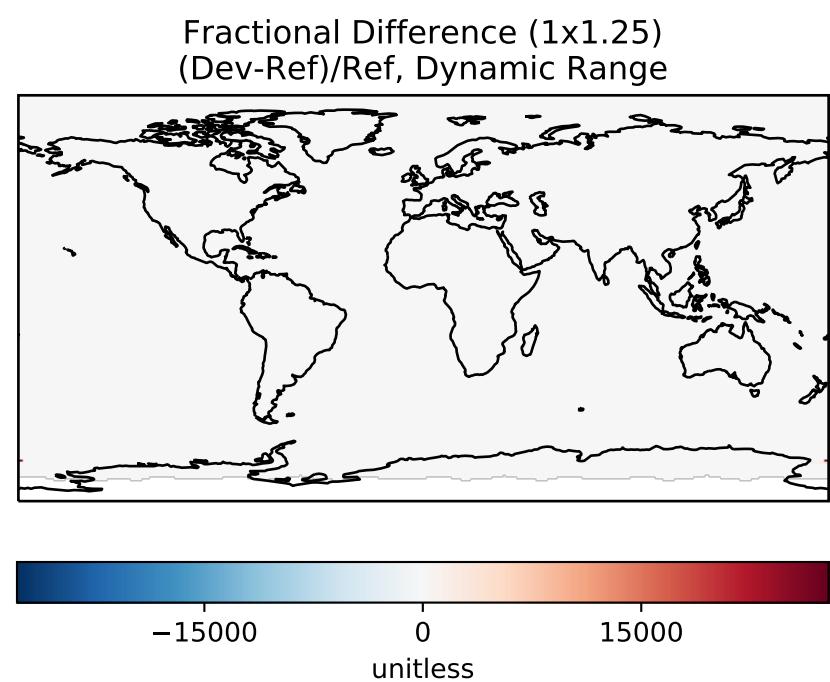
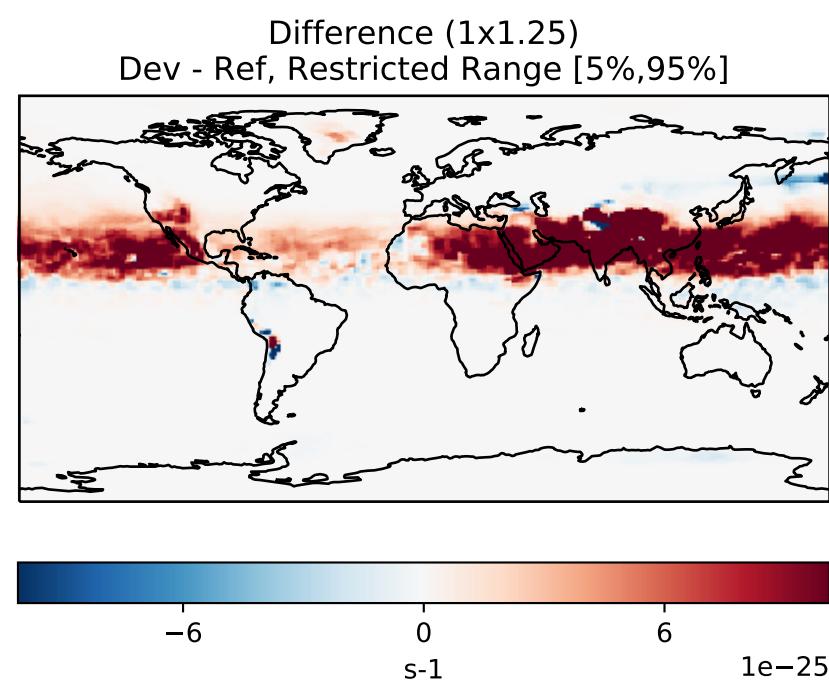
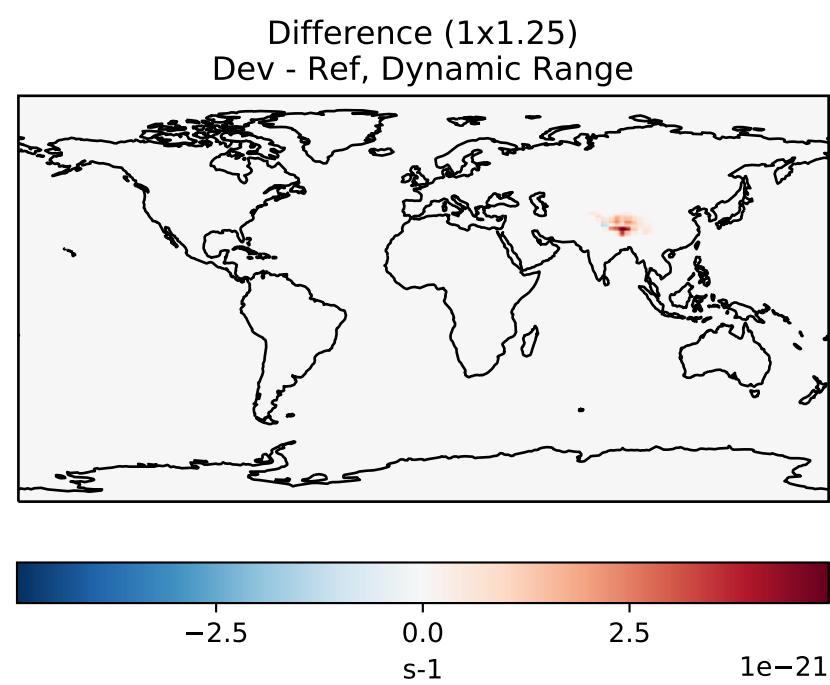
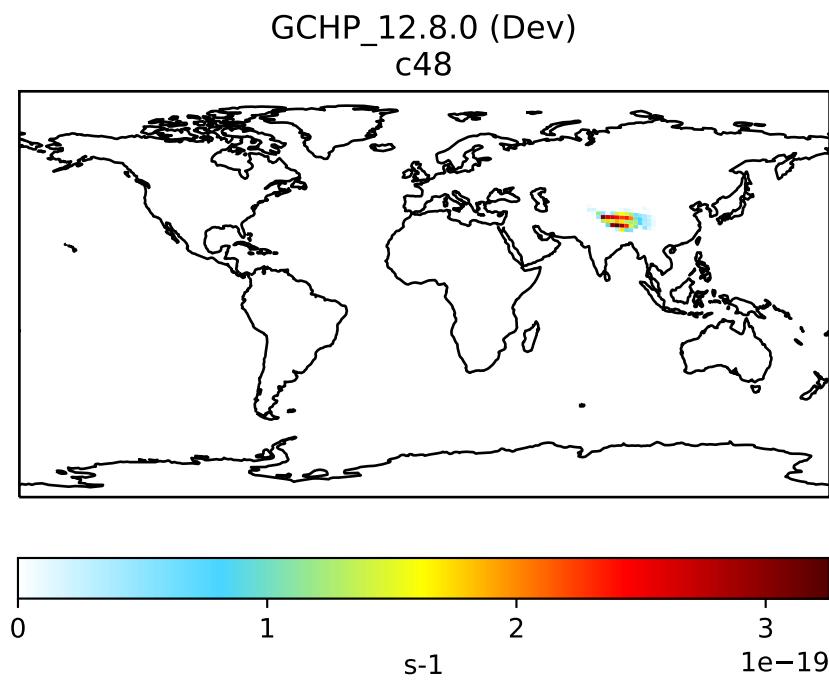
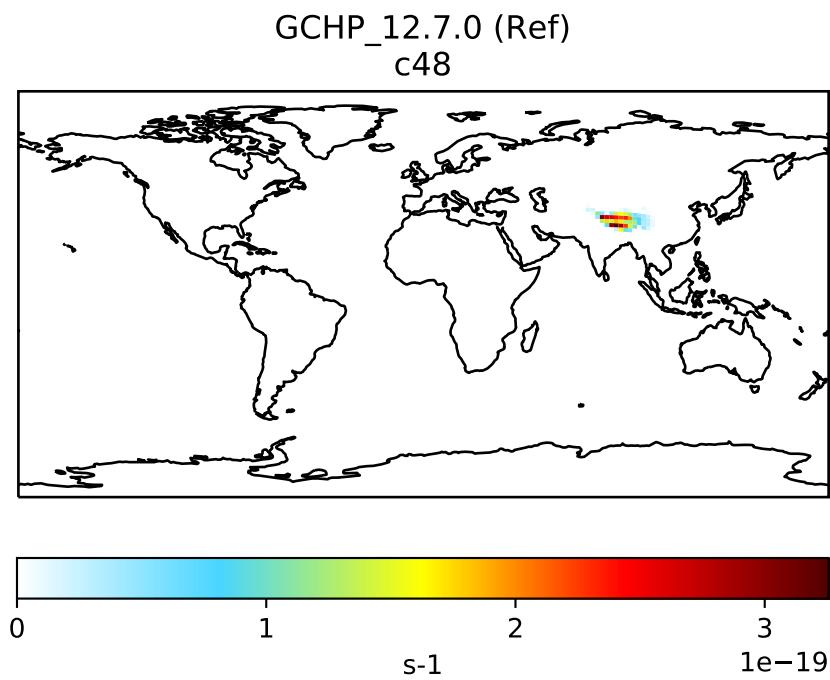
Jval_CFC11



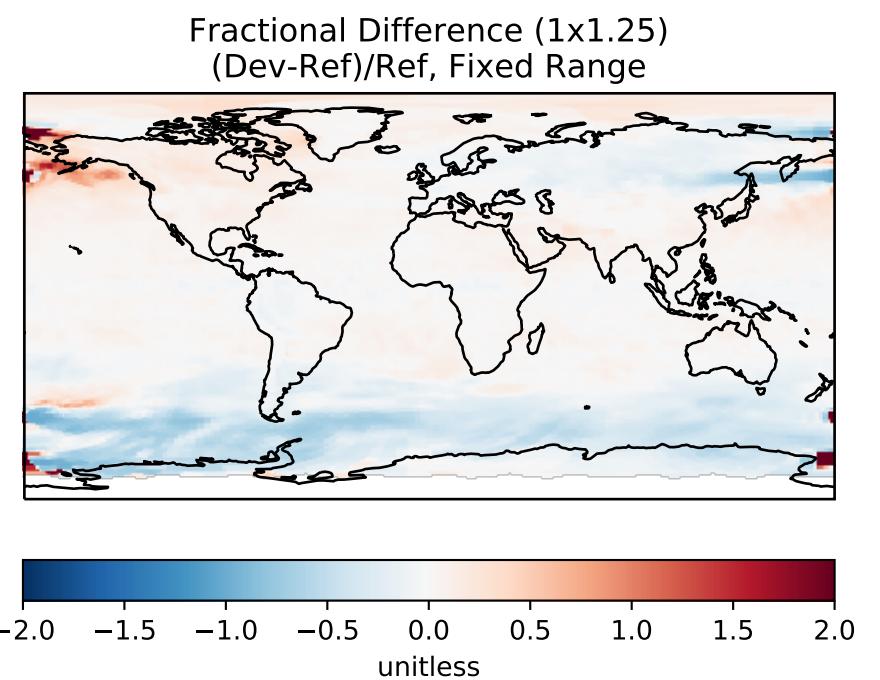
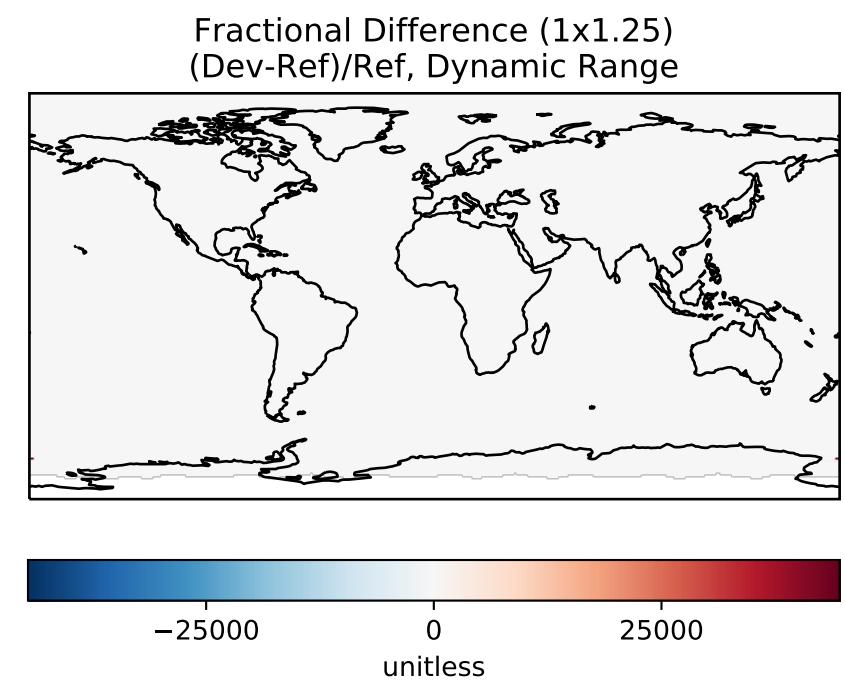
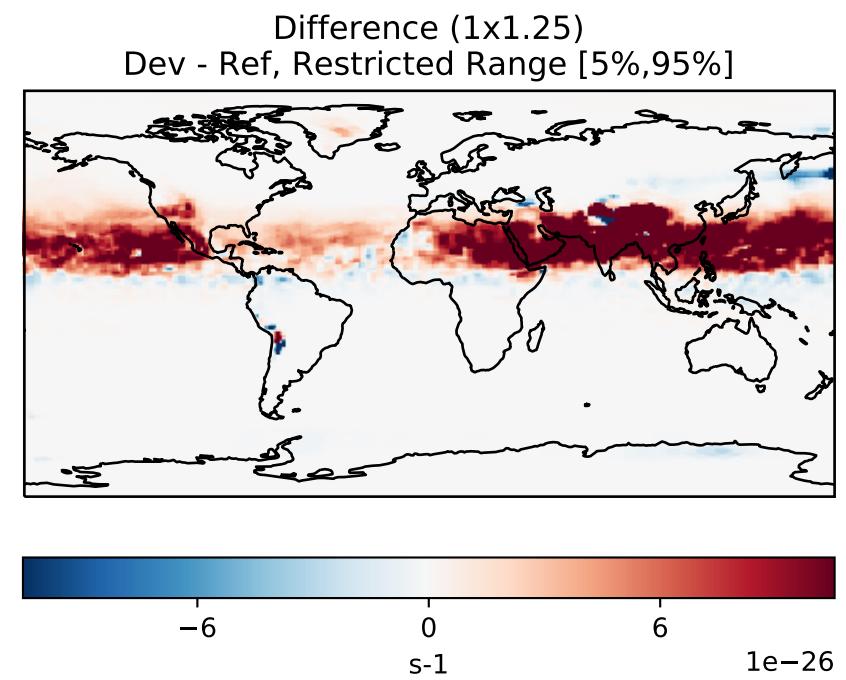
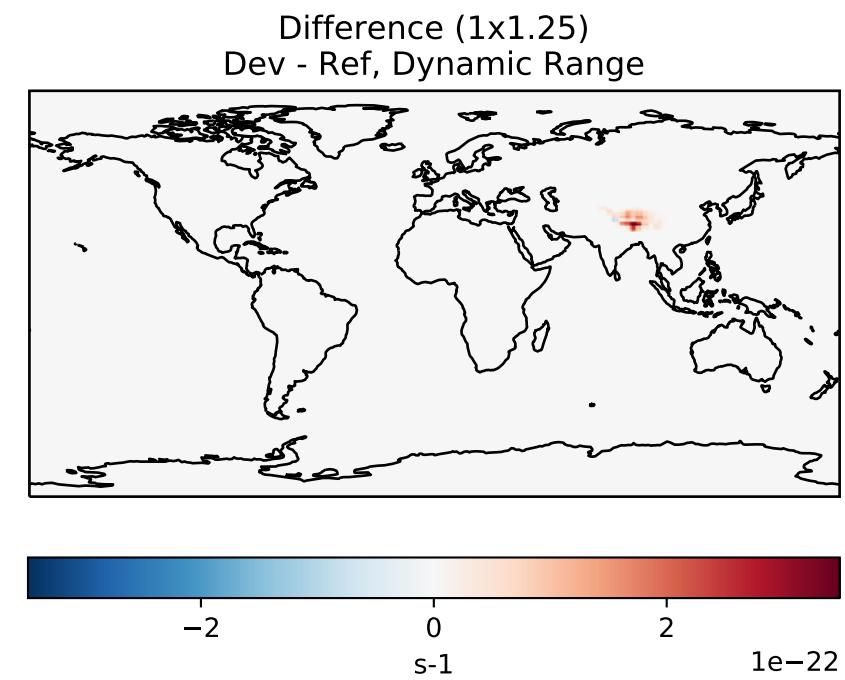
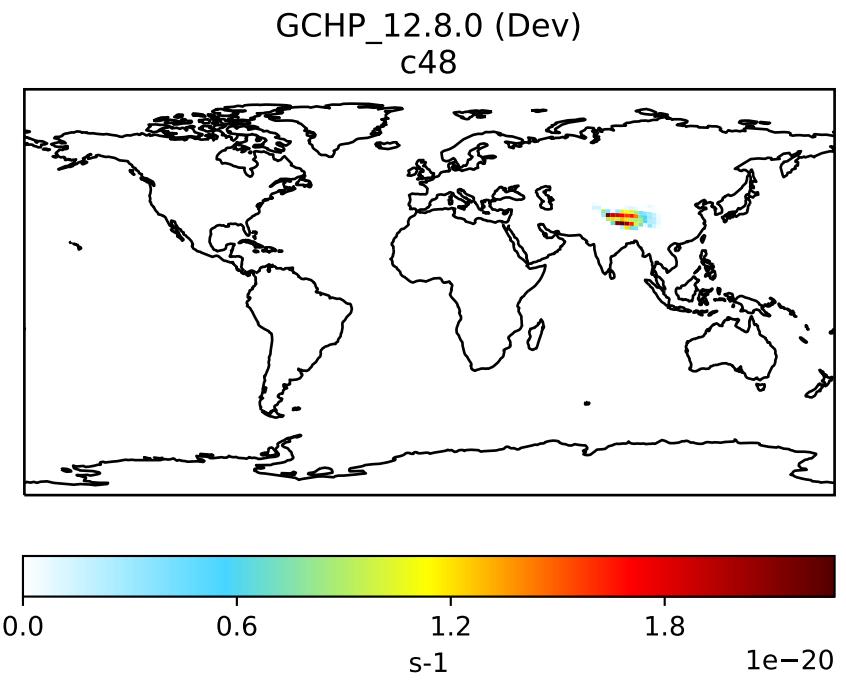
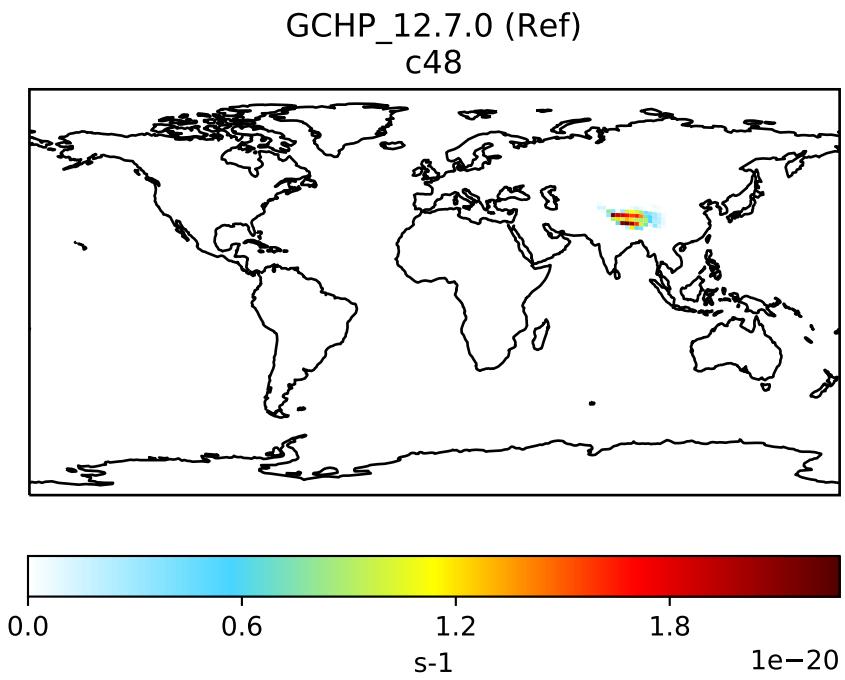
Jval_CFC113



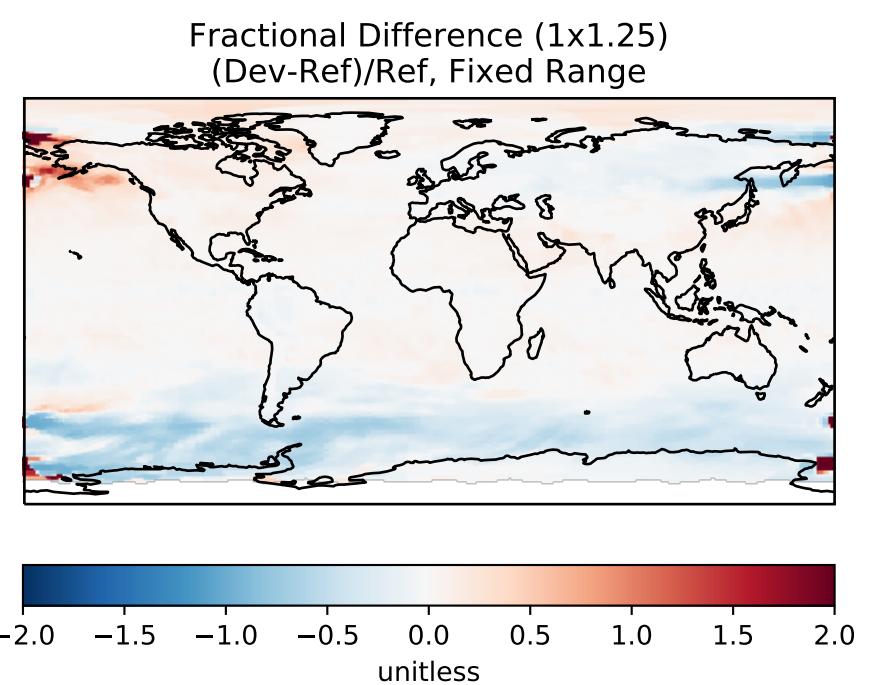
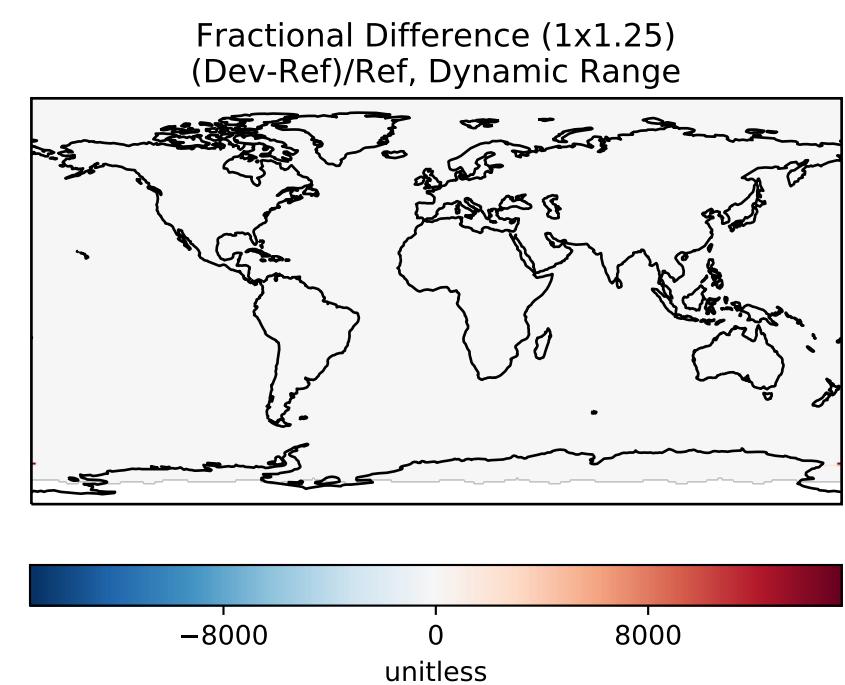
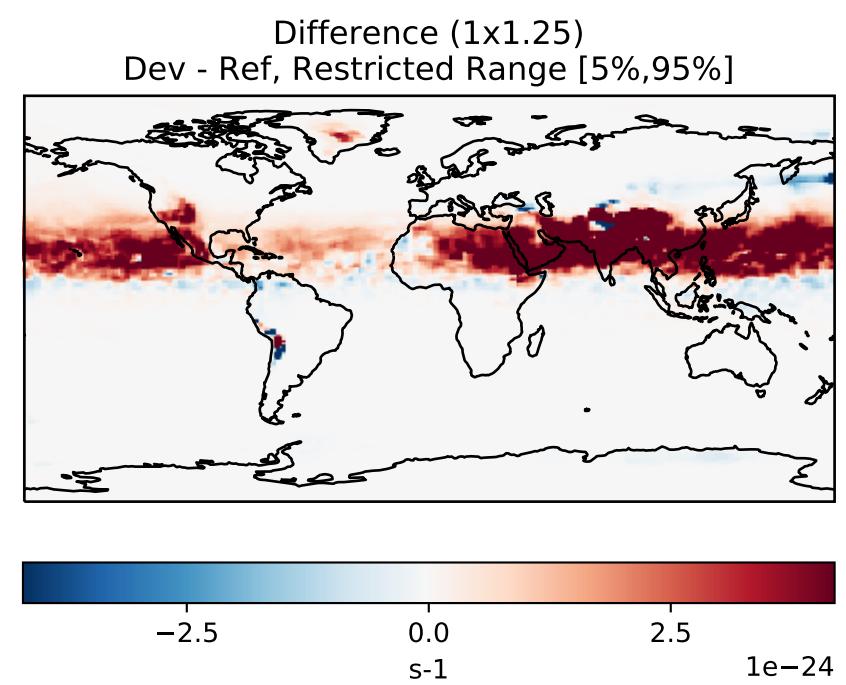
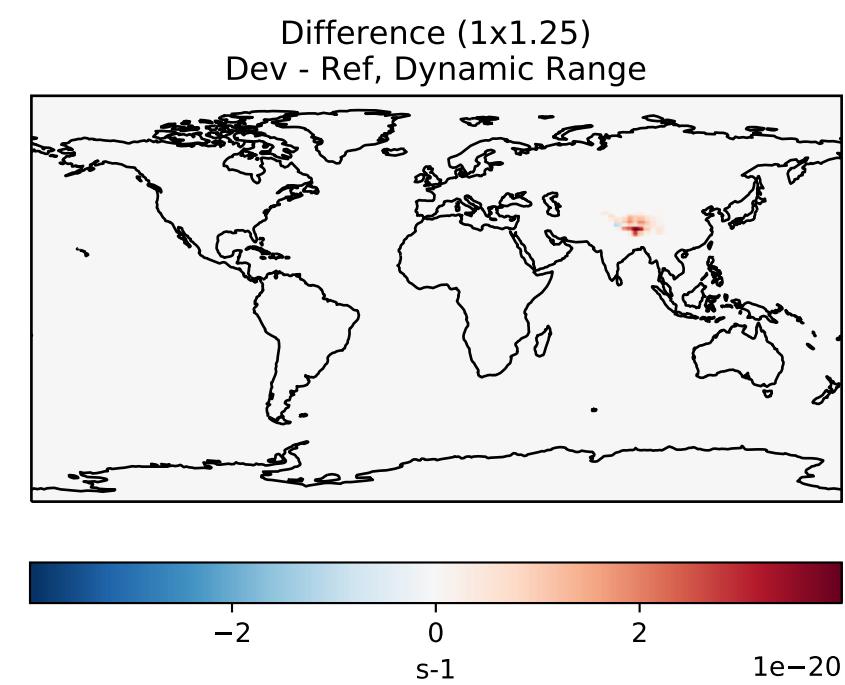
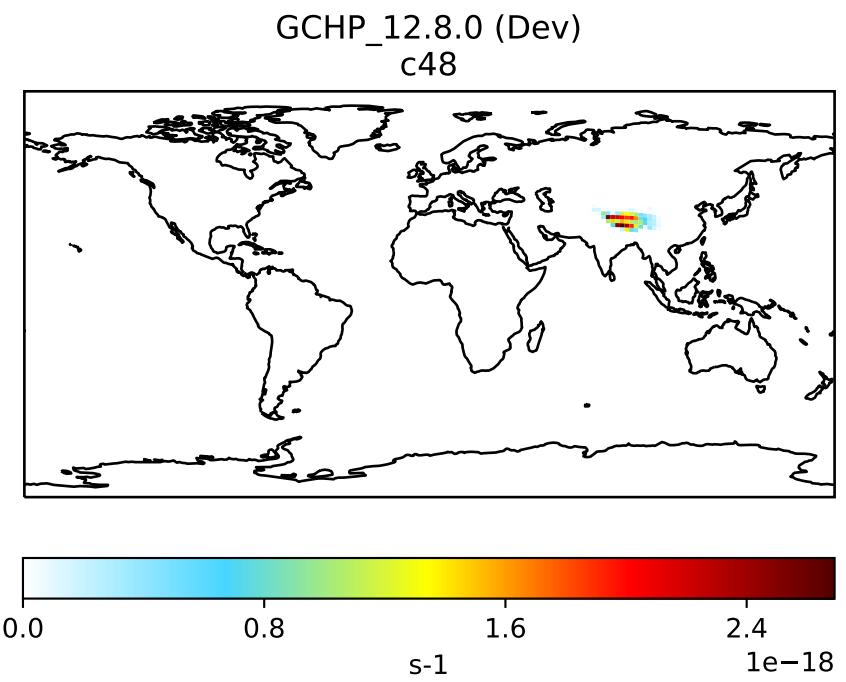
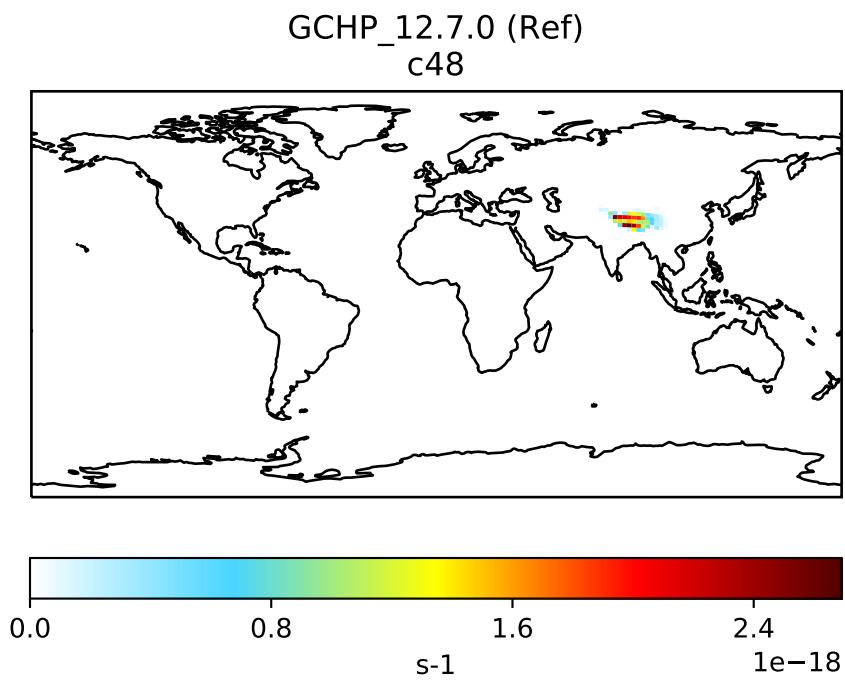
Jval_CFC114



Jval_CFC115

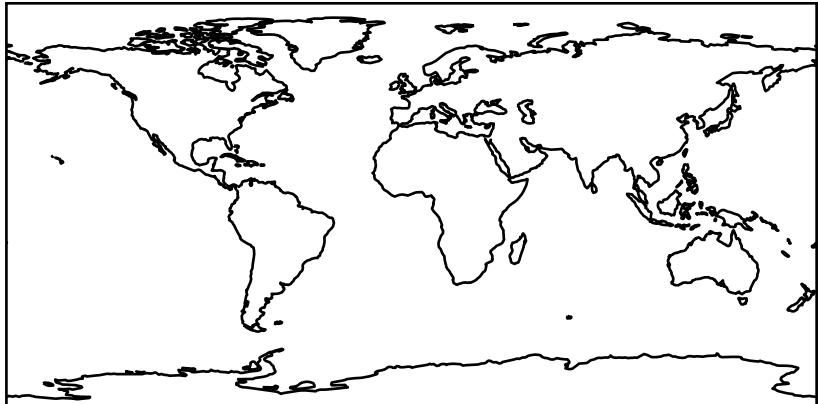


Jval_CFC12



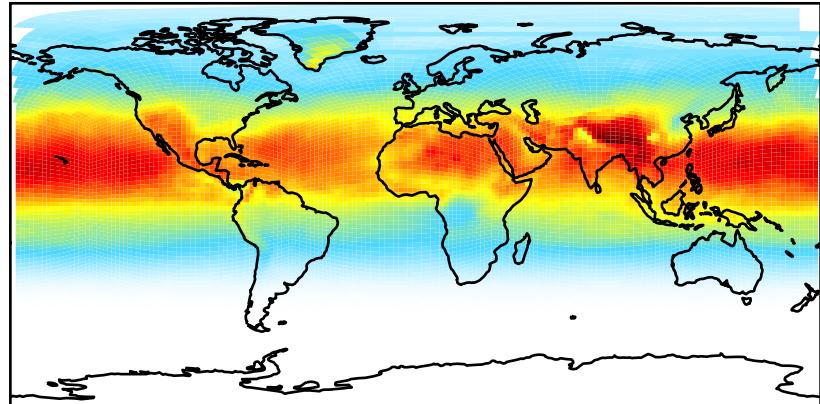
Jval_CH2BR2

GCHP_12.7.0 (Ref)
c48



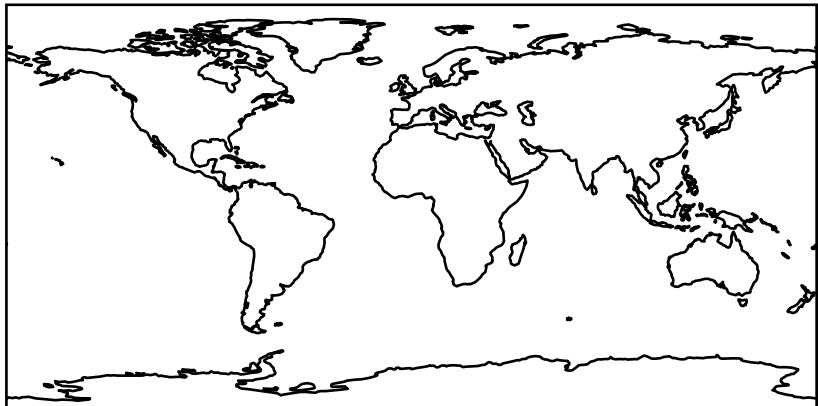
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s⁻¹

GCHP_12.8.0 (Dev)
c48



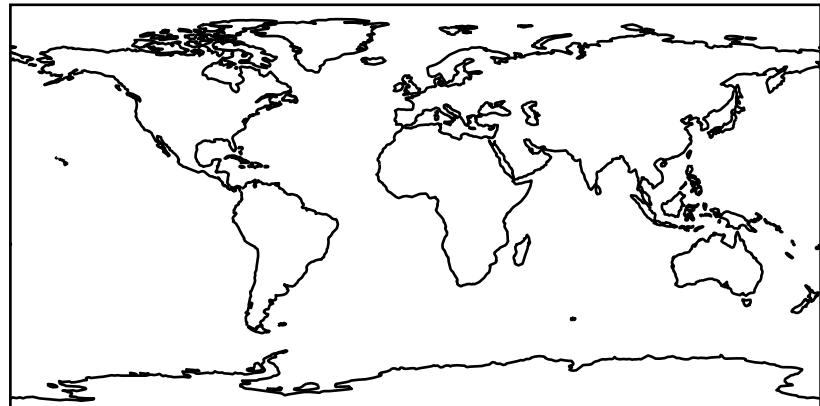
0.0 0.4 0.8 1.2
s⁻¹
1e-9

Difference (1x1.25)
Dev - Ref, Dynamic Range



Undefined throughout domain
s⁻¹

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Undefined throughout domain
s⁻¹

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

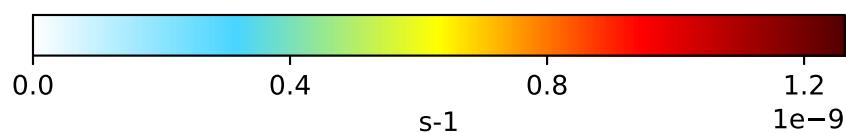
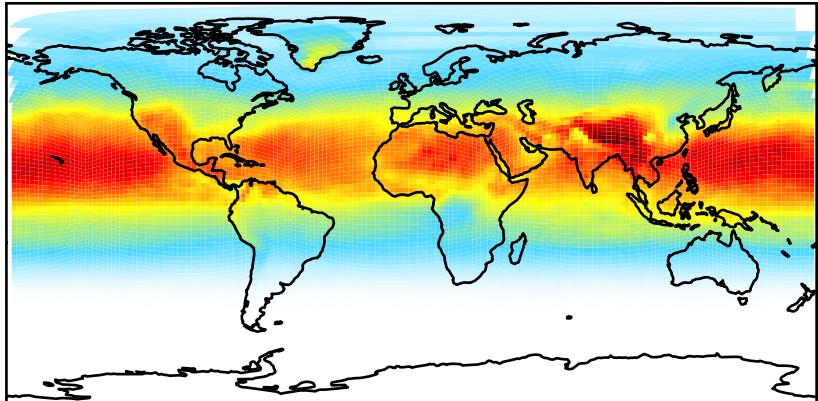
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



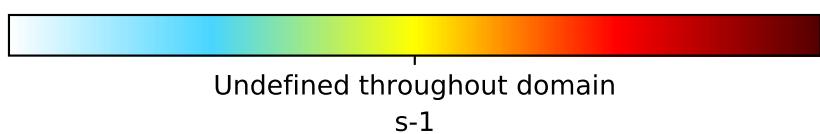
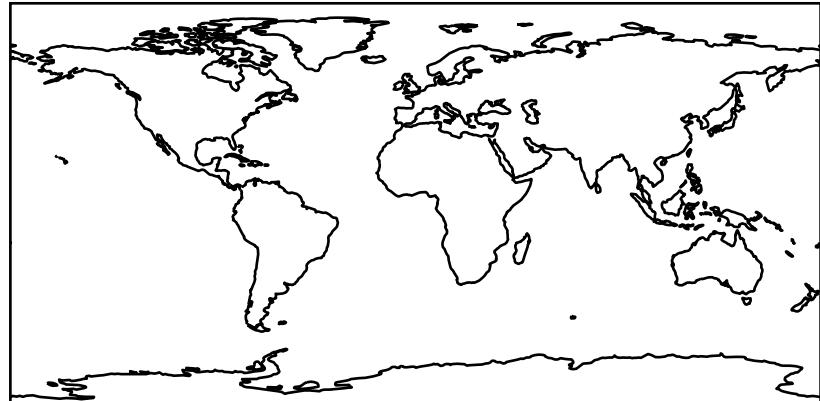
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unitless

Jval_CH2Br2

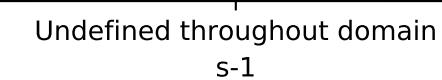
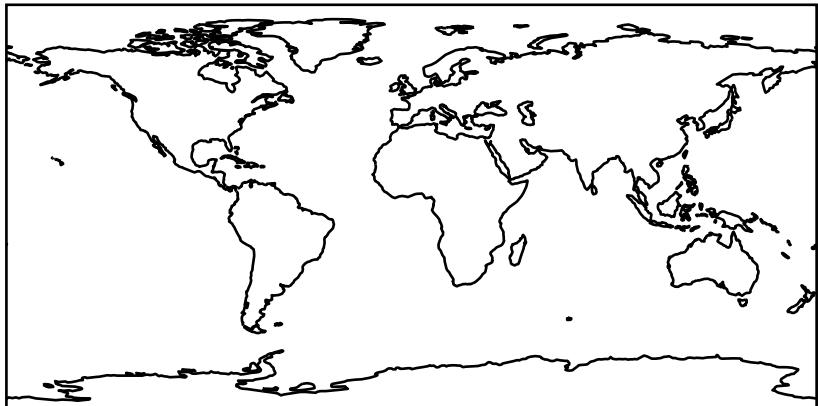
GCHP_12.7.0 (Ref)
c48



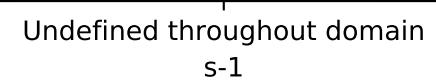
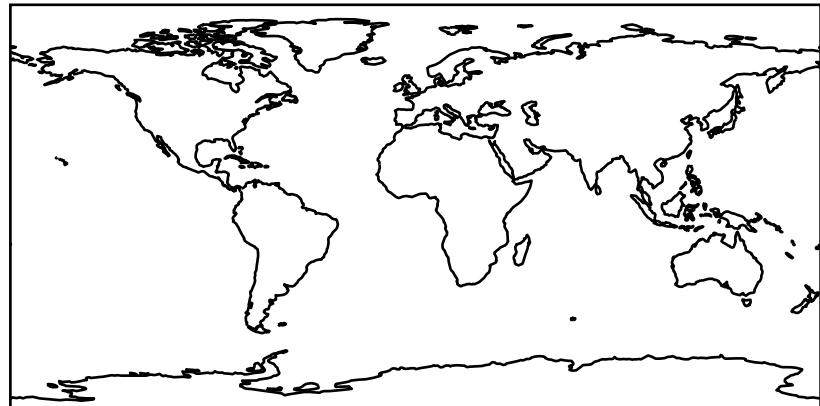
GCHP_12.8.0 (Dev)
c48



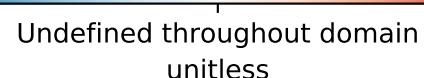
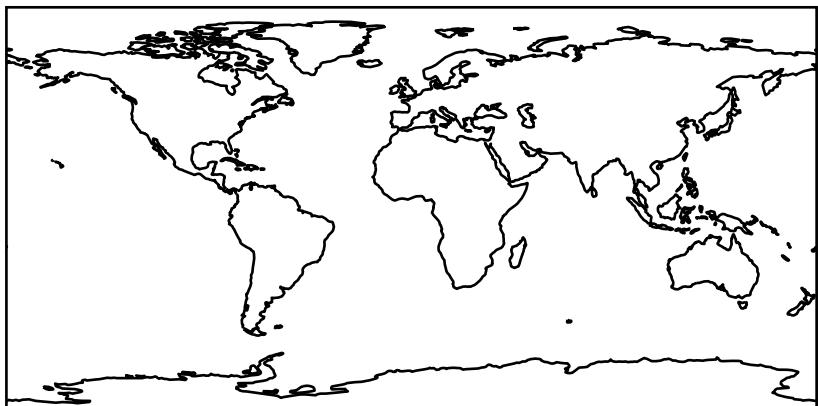
Difference (1x1.25)
Dev - Ref, Dynamic Range



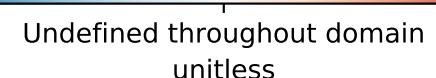
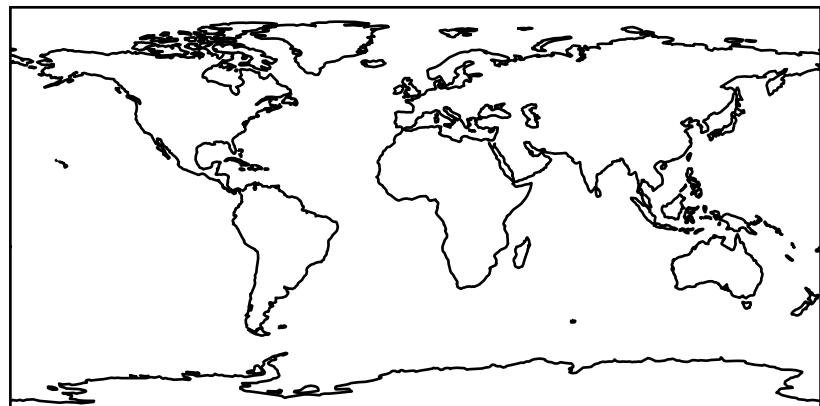
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

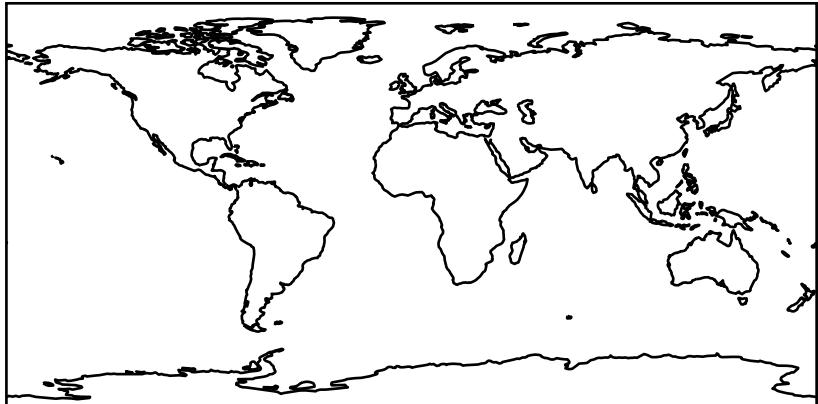


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



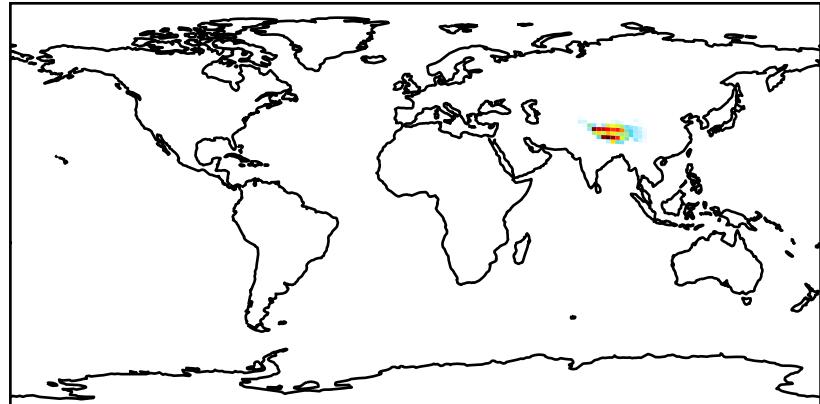
Jval_CH2CL2

GCHP_12.7.0 (Ref)
c48



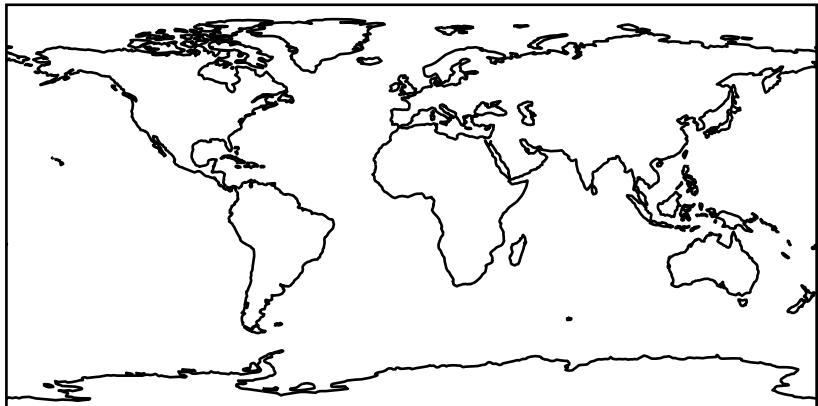
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s-1

GCHP_12.8.0 (Dev)
c48



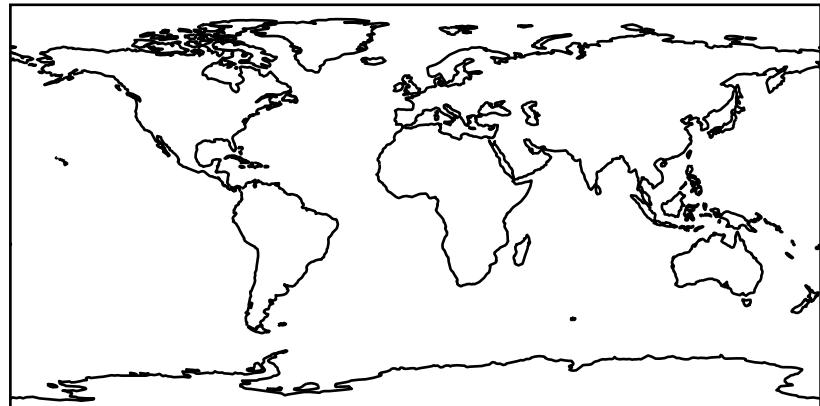
0.0 1.5 3.0 1e-18
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



Undefined throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Undefined throughout domain
s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

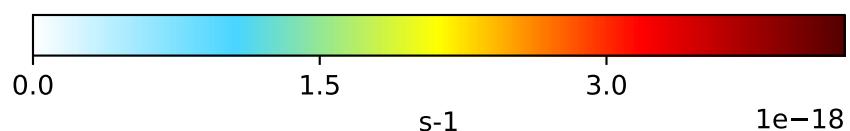
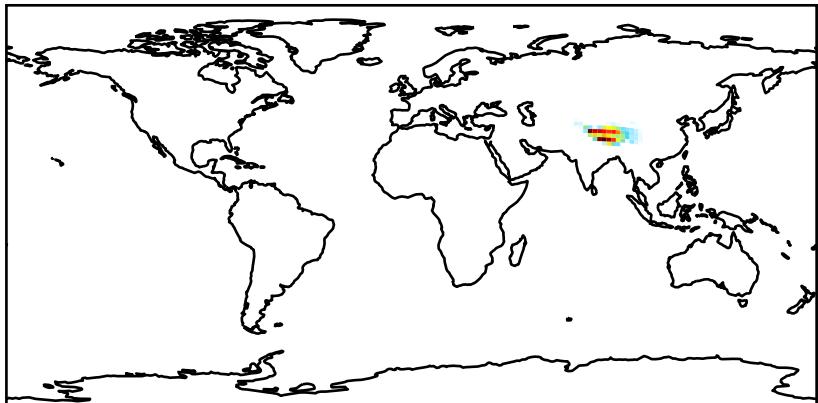
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



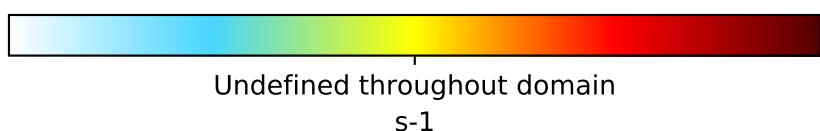
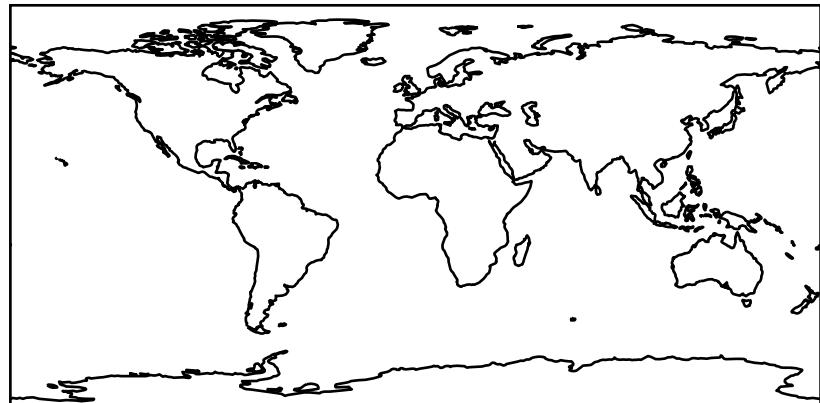
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Jval_CH2Cl2

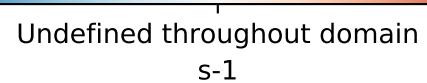
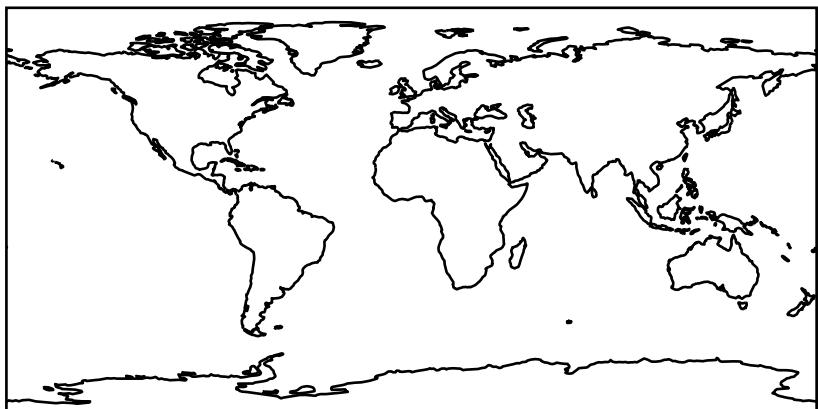
GCHP_12.7.0 (Ref)
c48



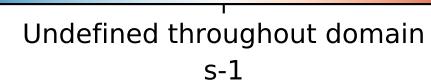
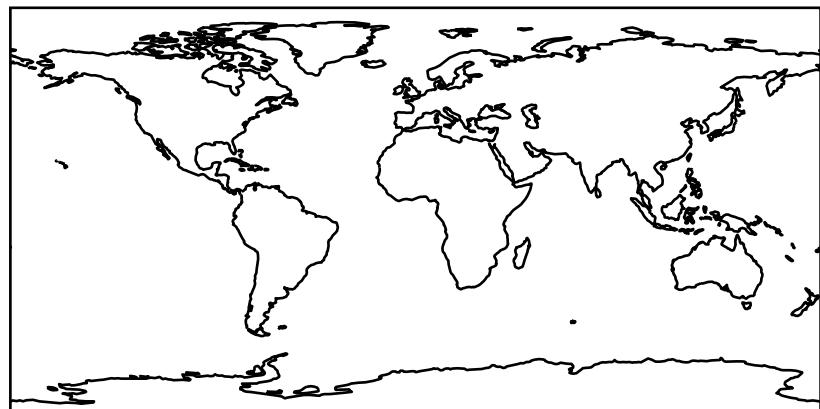
GCHP_12.8.0 (Dev)
c48



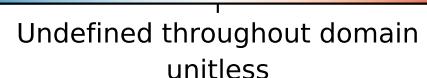
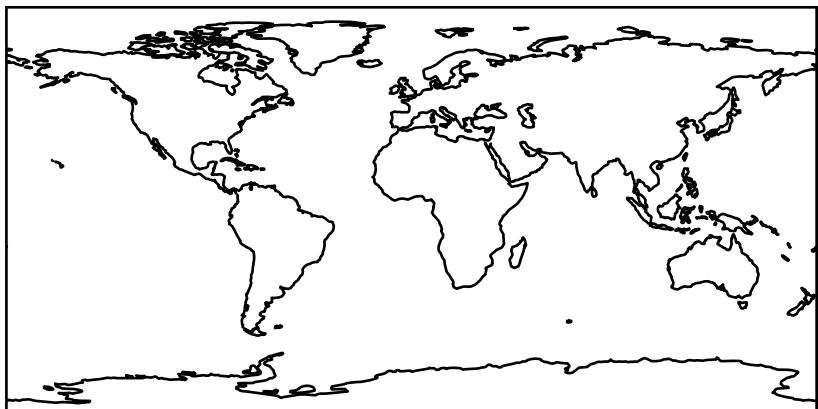
Difference (1x1.25)
Dev - Ref, Dynamic Range



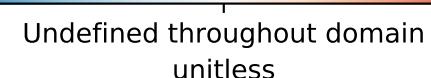
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

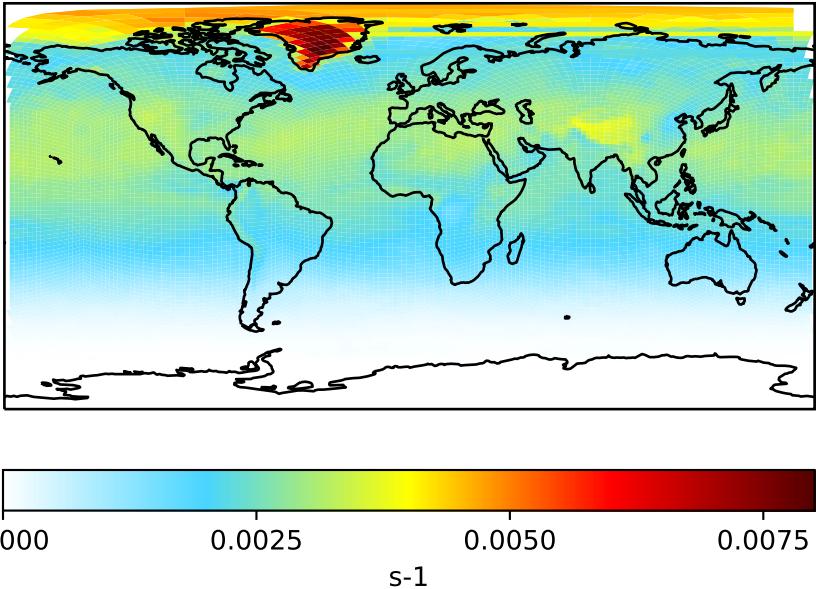


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

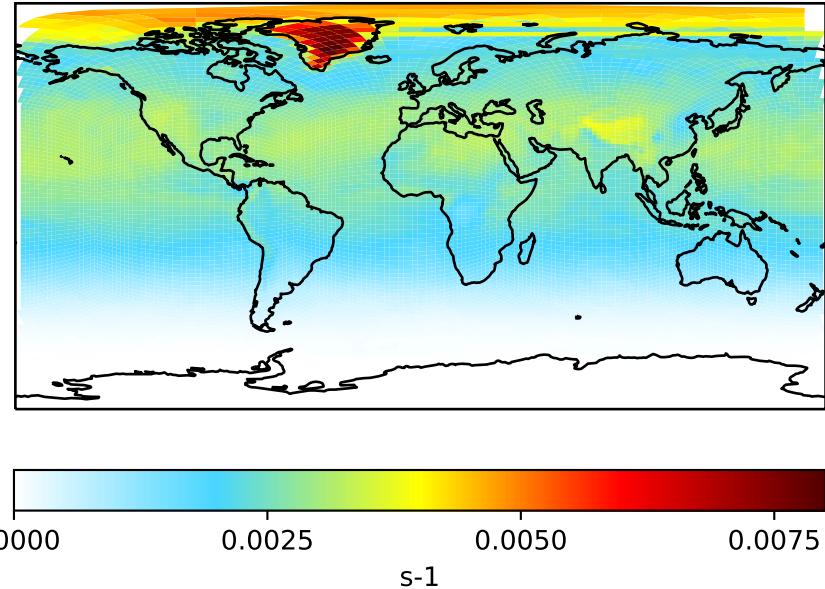


Jval_CH2I2

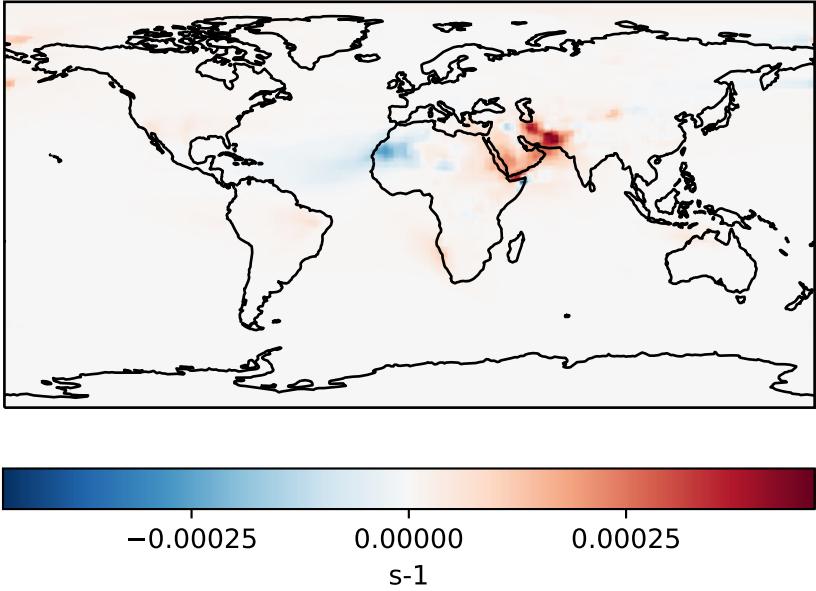
GCHP_12.7.0 (Ref)
c48



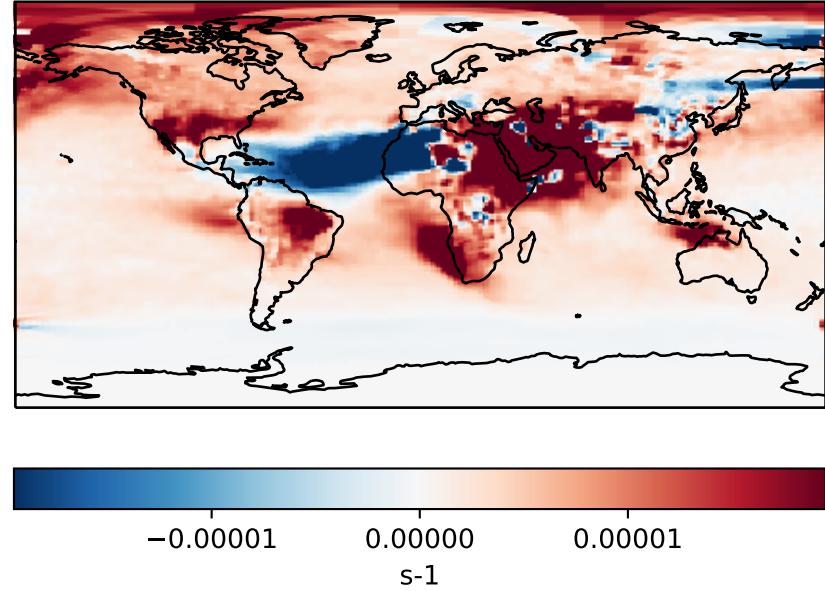
GCHP_12.8.0 (Dev)
c48



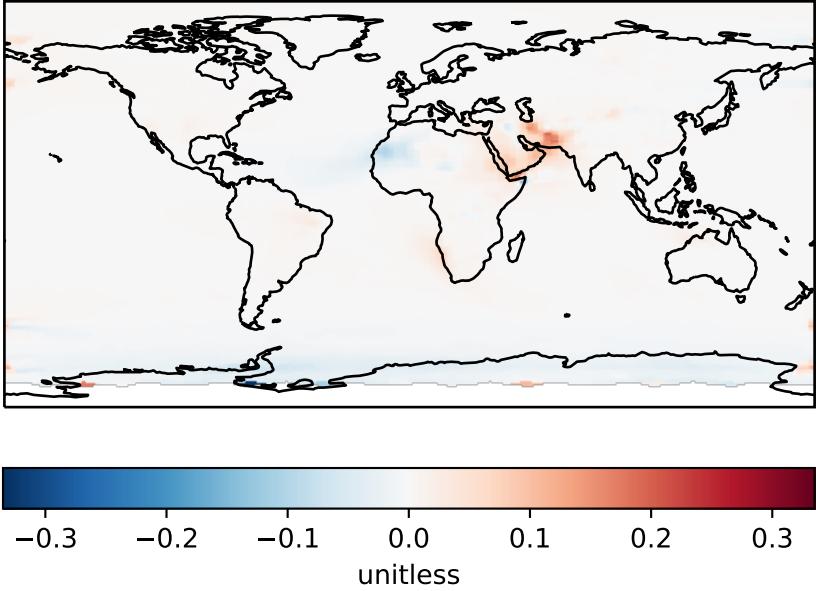
Difference (1x1.25)
Dev - Ref, Dynamic Range



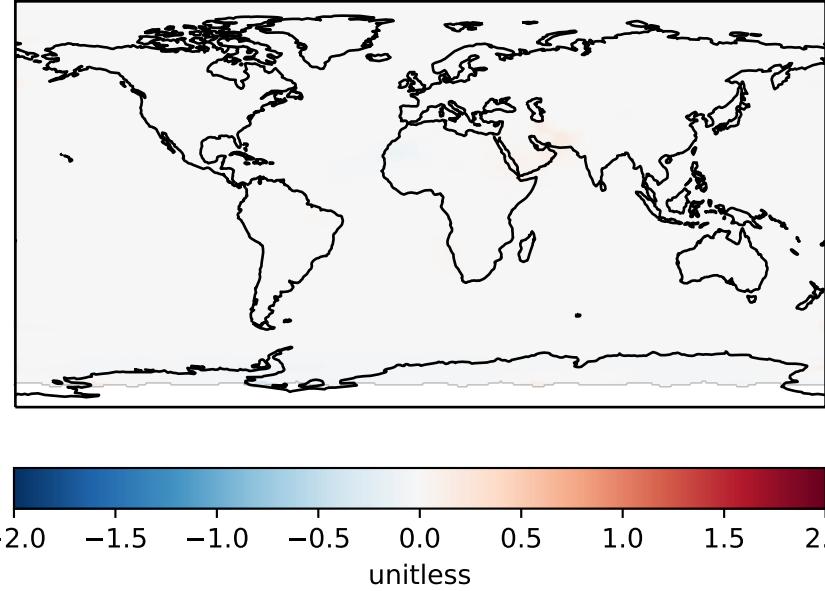
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



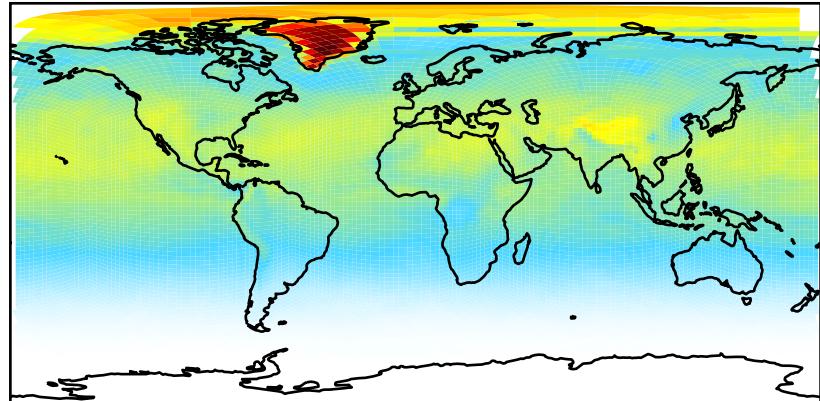
Jval_CH2IBR

GCHP_12.7.0 (Ref)
c48



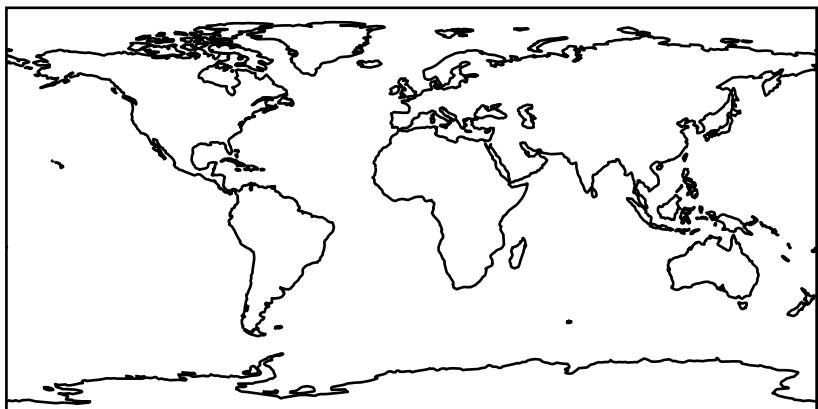
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s-1

GCHP_12.8.0 (Dev)
c48



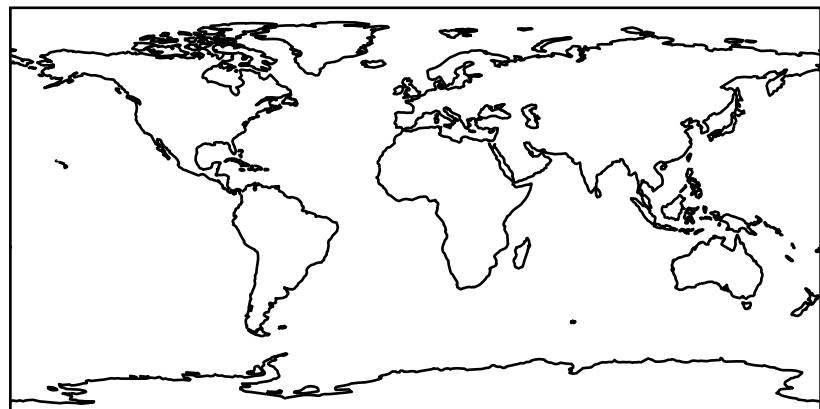
0.00000 0.00015 0.00030
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



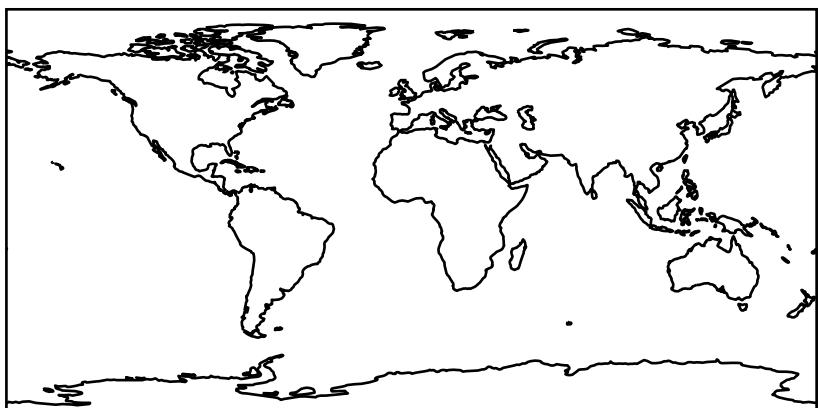
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



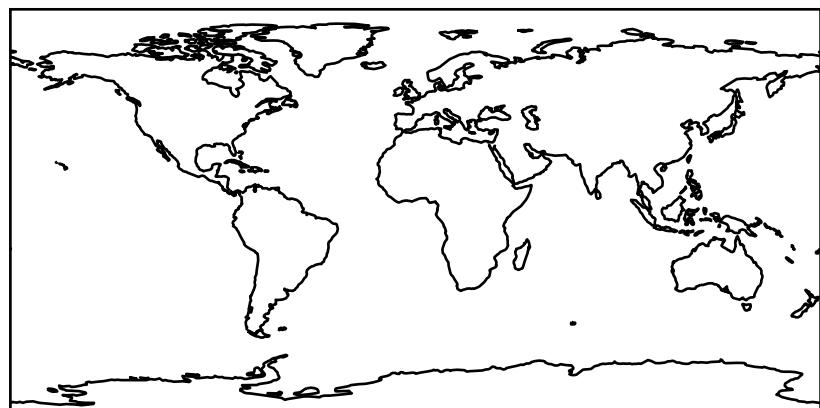
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s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



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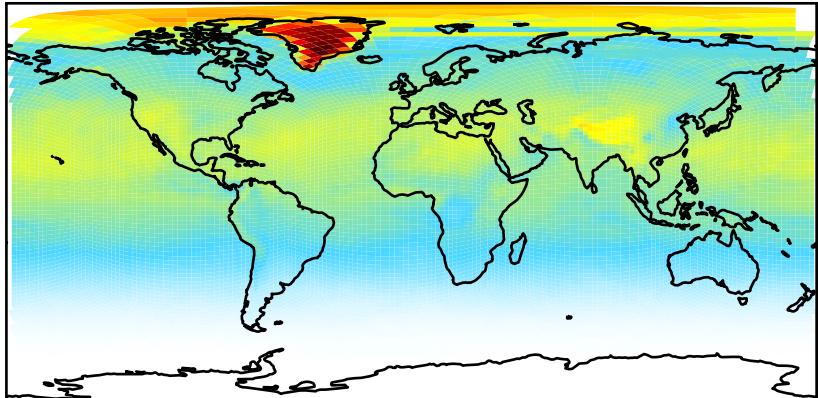
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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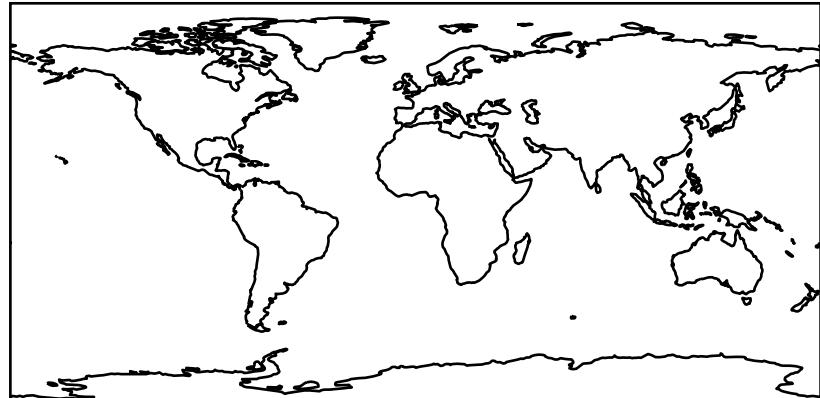
Jval_CH2IBr

GCHP_12.7.0 (Ref)
c48



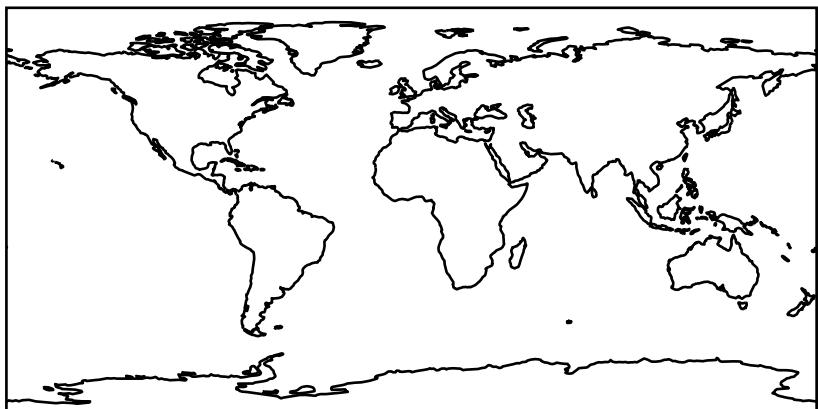
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s⁻¹

GCHP_12.8.0 (Dev)
c48



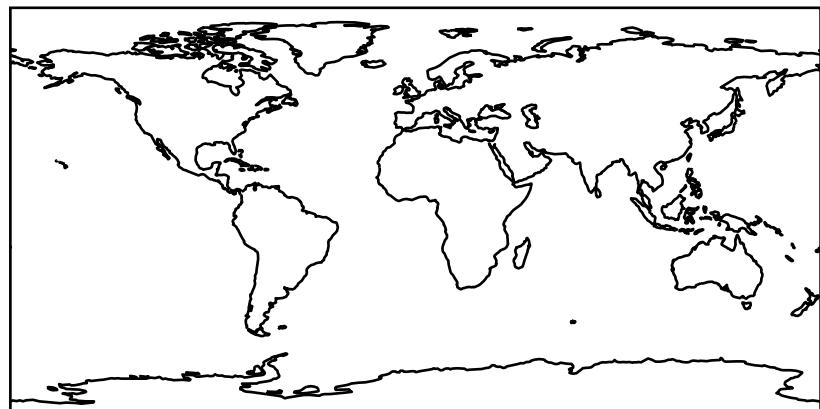
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s⁻¹

Difference (1x1.25)
Dev - Ref, Dynamic Range



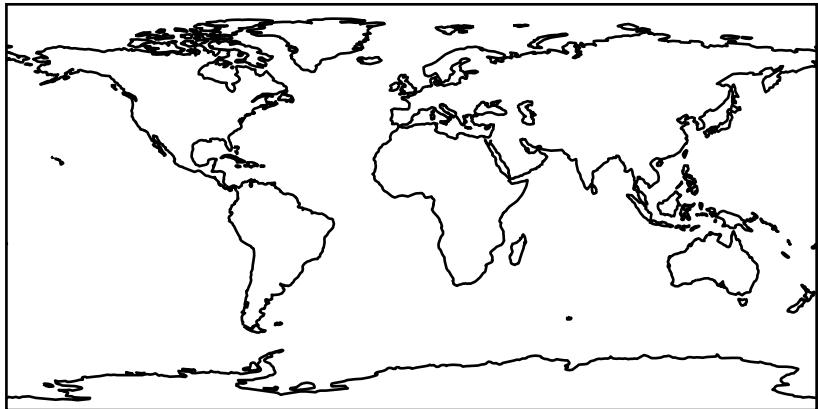
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s⁻¹

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



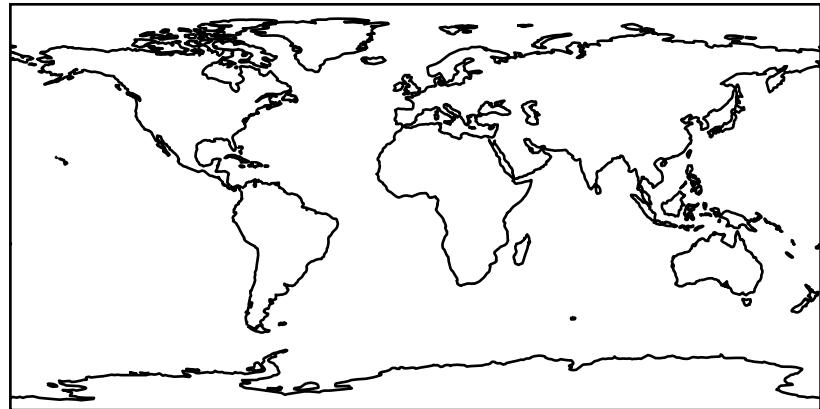
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s⁻¹

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



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unitless

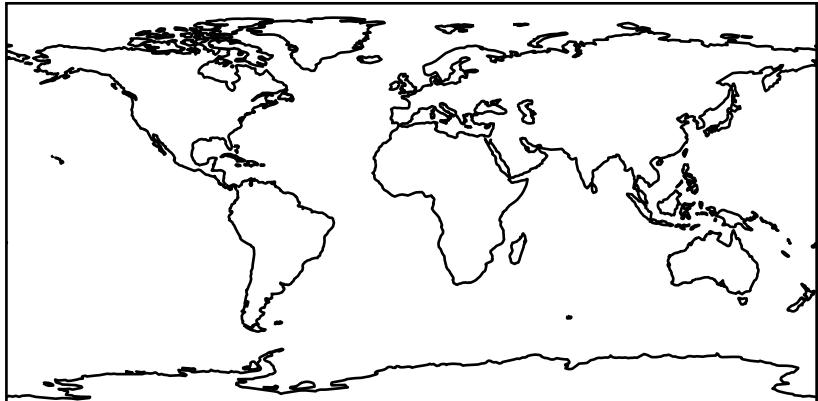
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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unitless

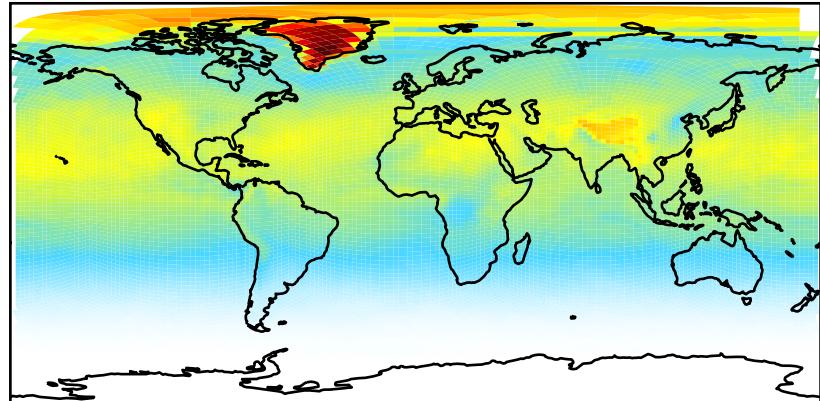
Jval_CH2ICL

GCHP_12.7.0 (Ref)
c48



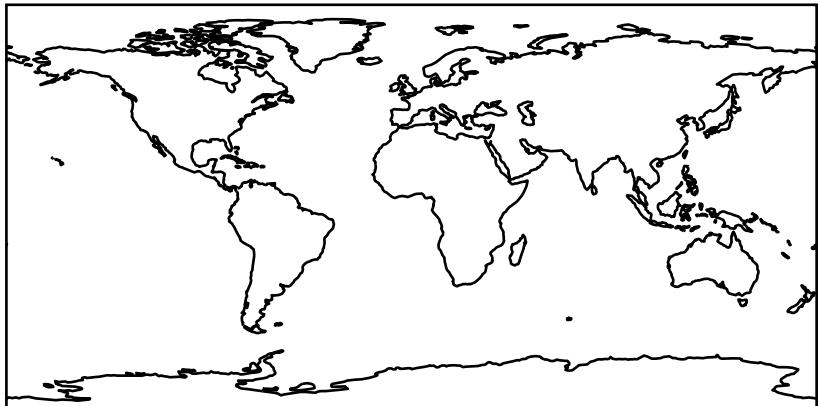
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s-1

GCHP_12.8.0 (Dev)
c48



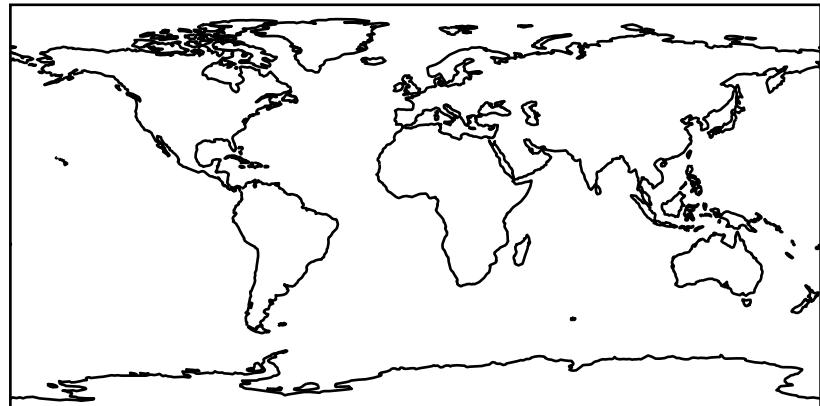
0.00000 0.00003 0.00006 0.00009
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



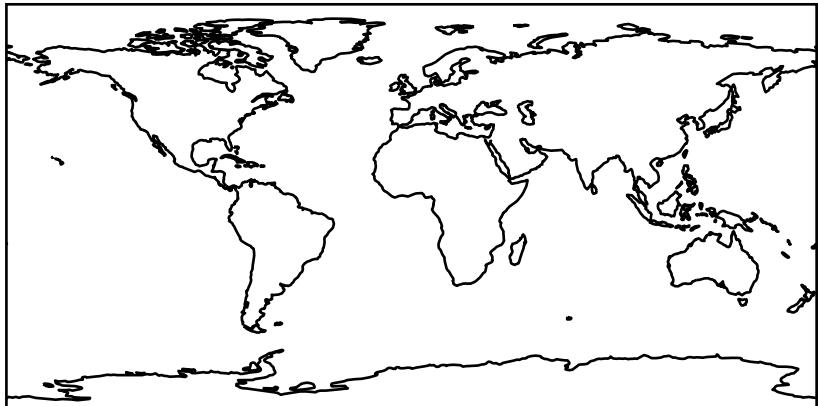
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



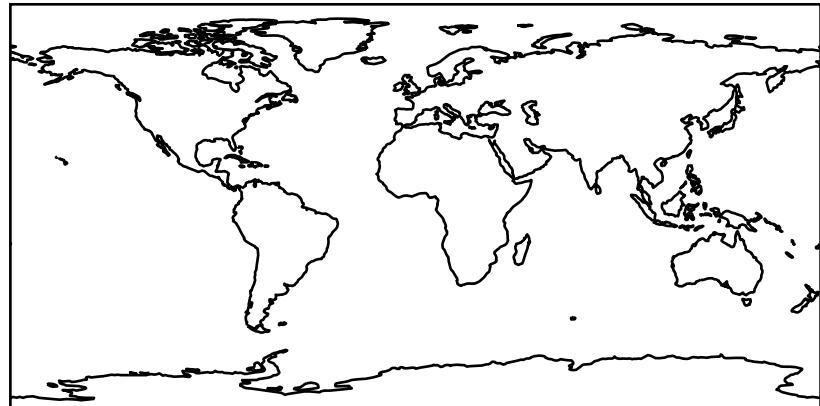
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s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



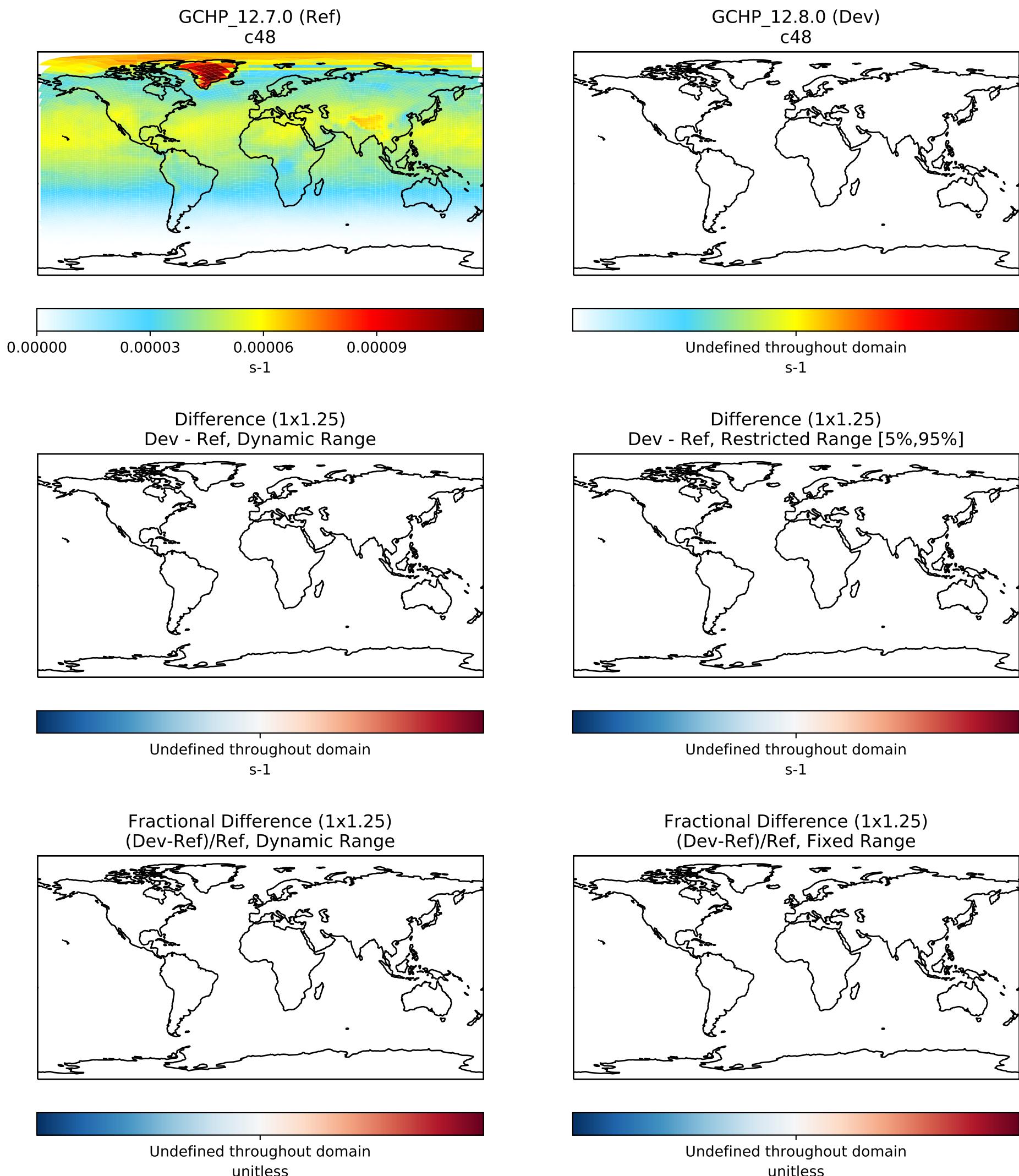
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

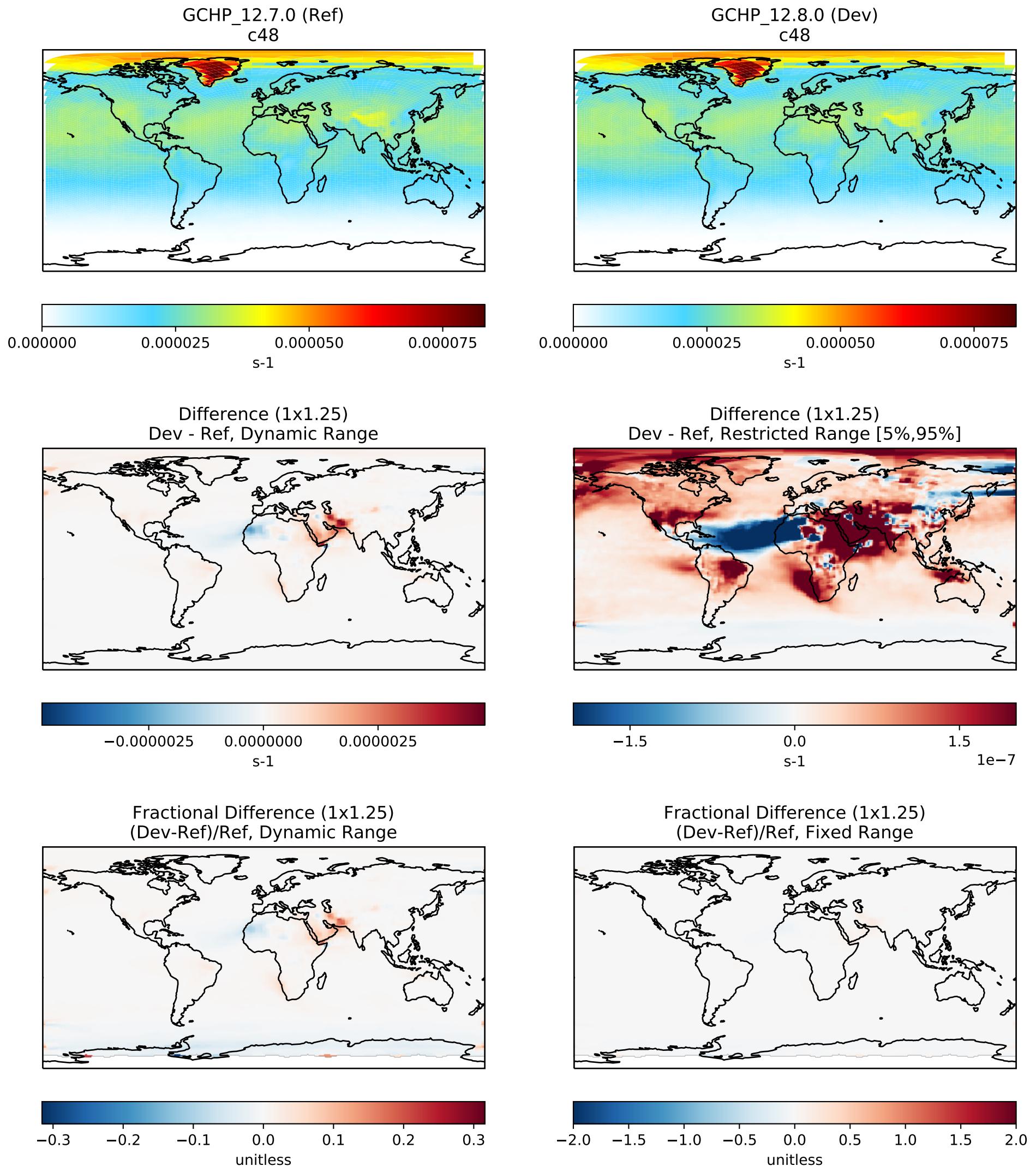


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unitless

Jval_CH2ICI

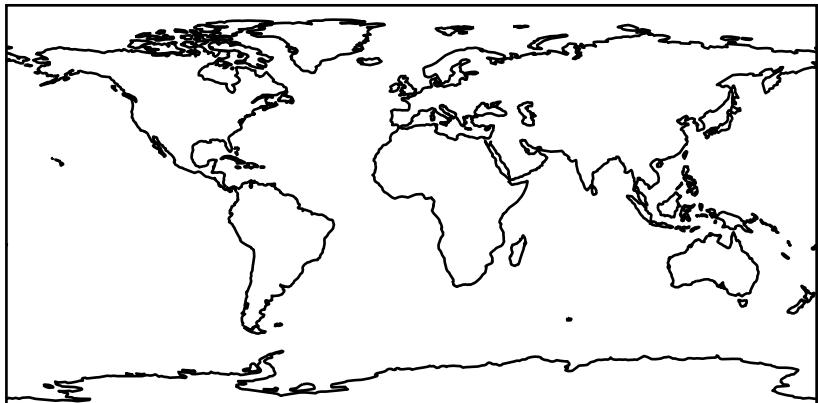


Jval_CH2O



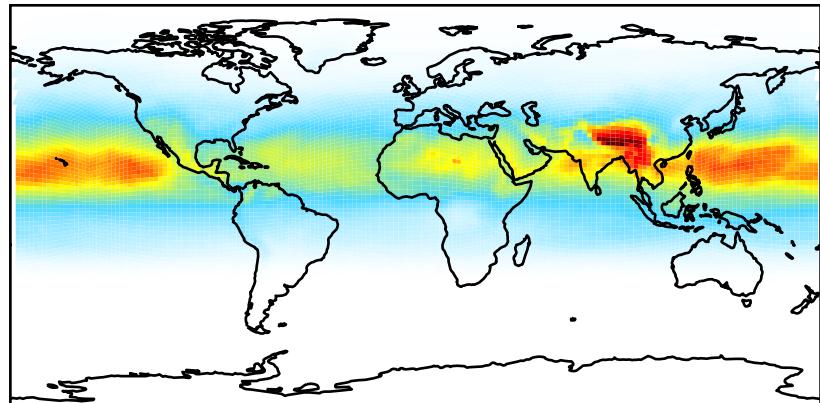
Jval_CH3BR

GCHP_12.7.0 (Ref)
c48



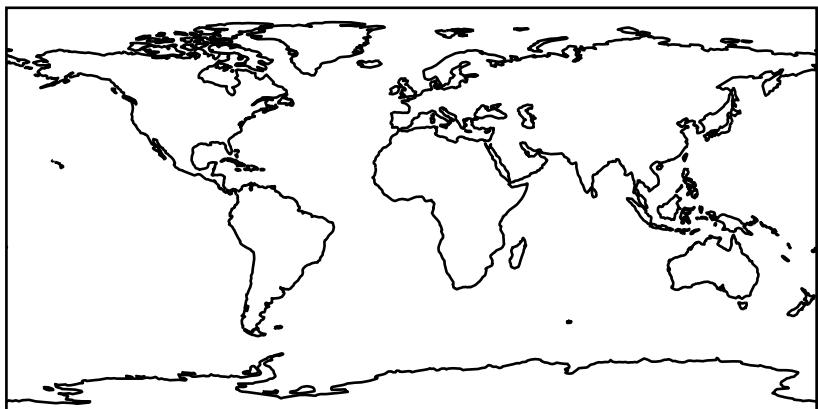
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s-1

GCHP_12.8.0 (Dev)
c48



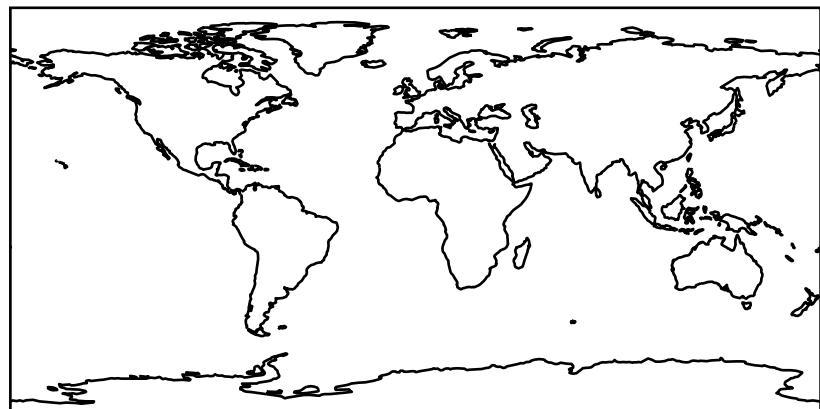
0.0 0.6 1.2 1.8
s-1 1e-13

Difference (1x1.25)
Dev - Ref, Dynamic Range



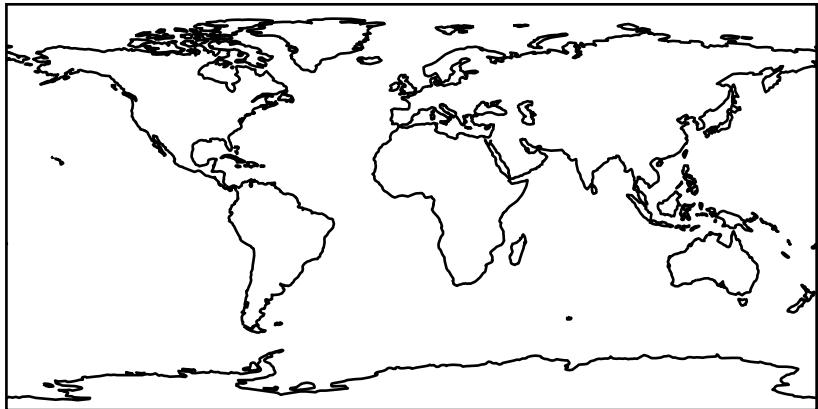
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



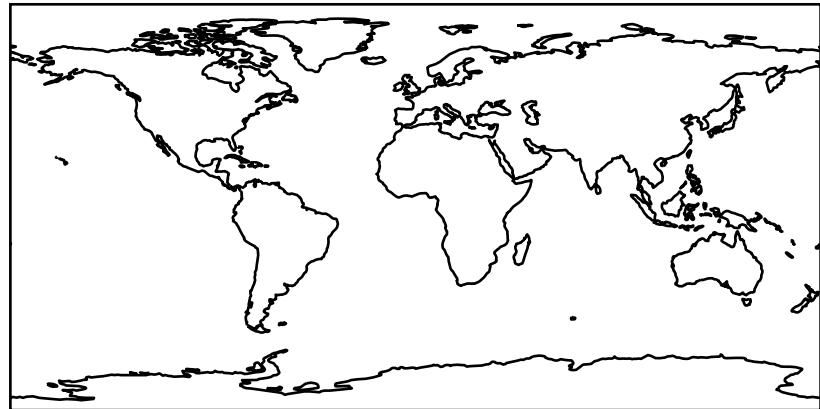
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



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unitless

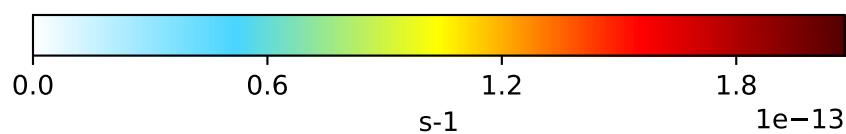
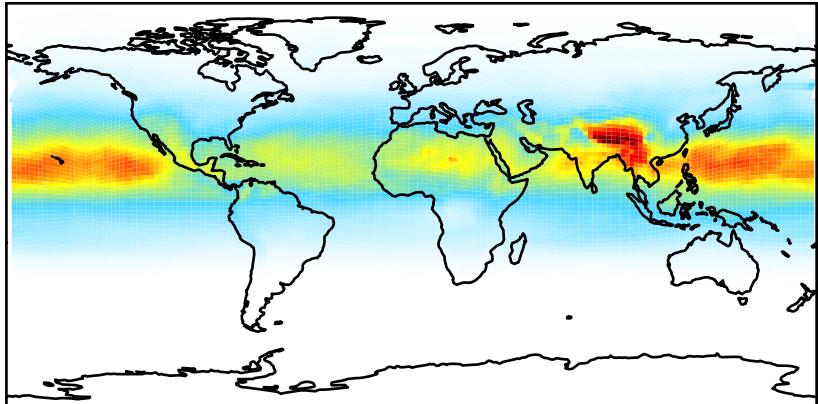
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



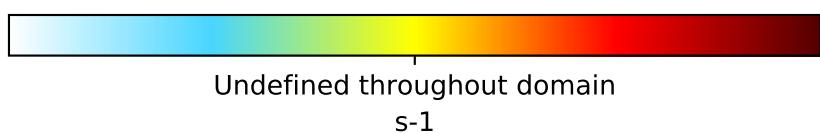
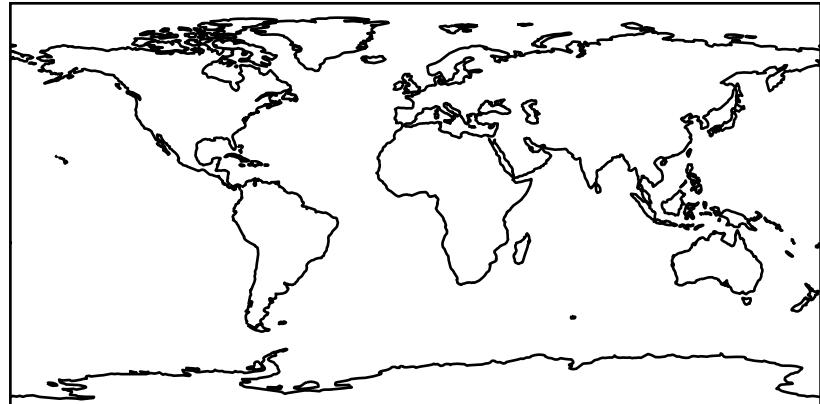
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Jval_CH3Br

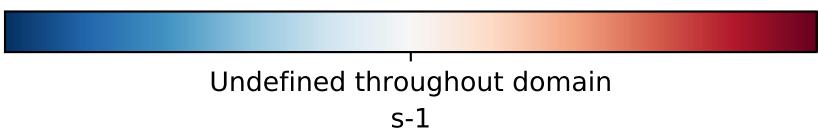
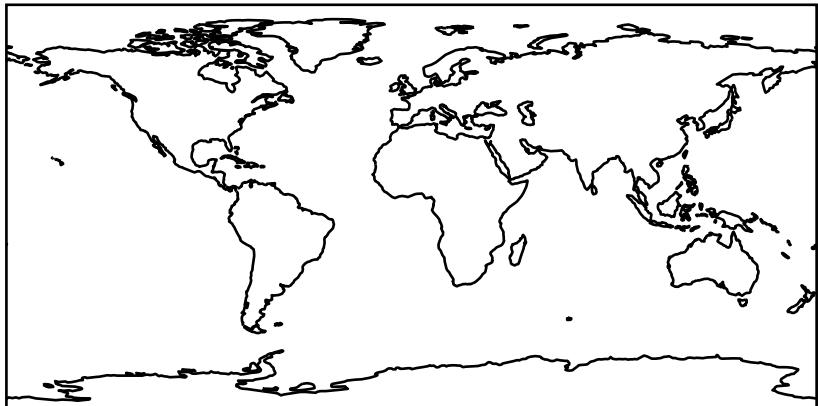
GCHP_12.7.0 (Ref)
c48



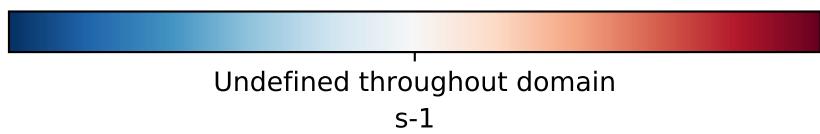
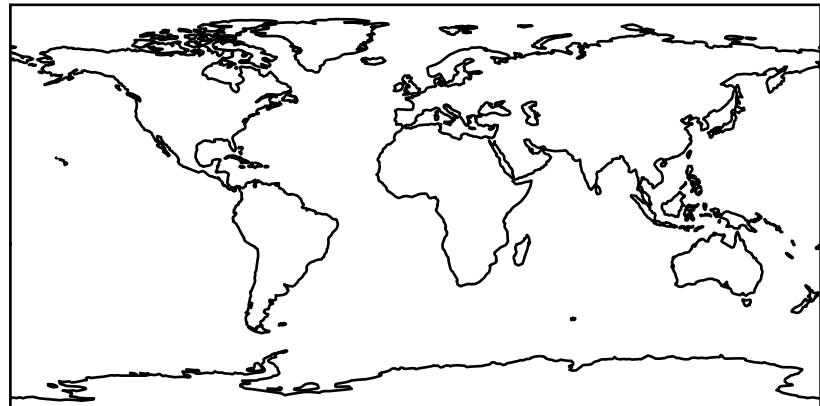
GCHP_12.8.0 (Dev)
c48



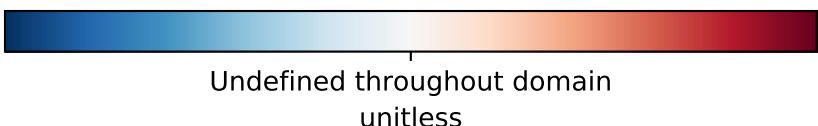
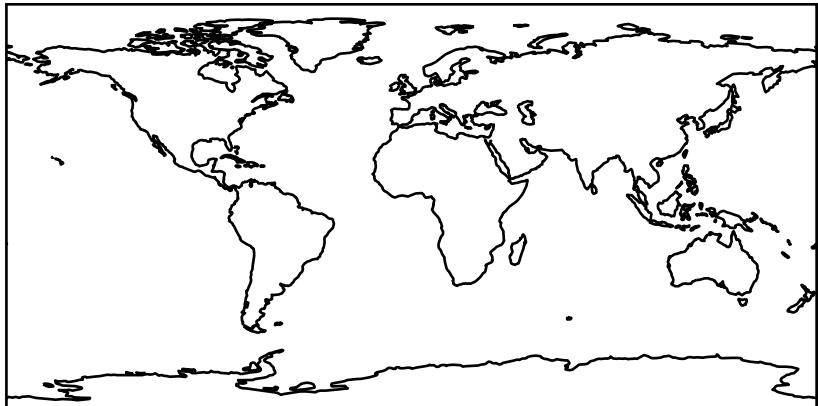
Difference (1x1.25)
Dev - Ref, Dynamic Range



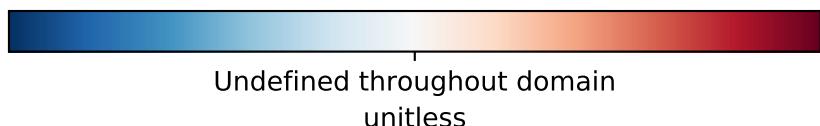
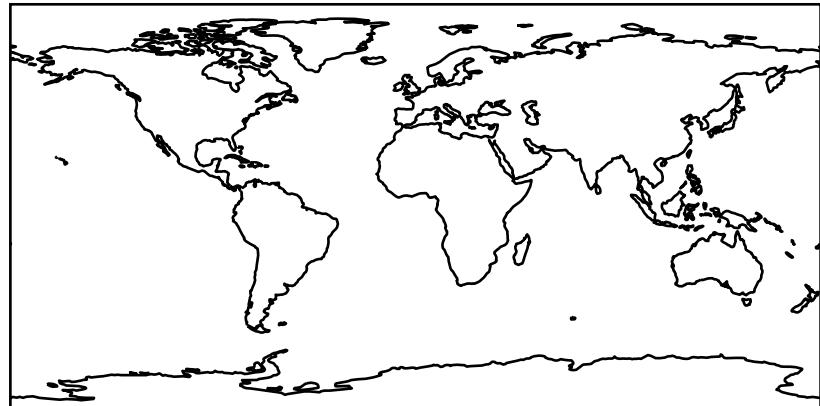
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

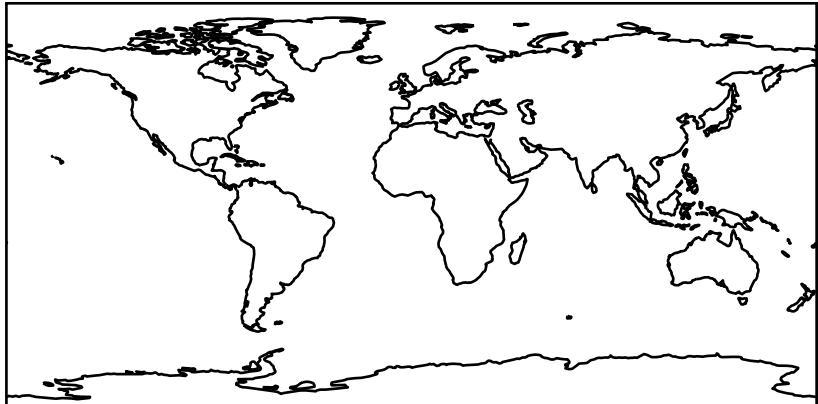


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



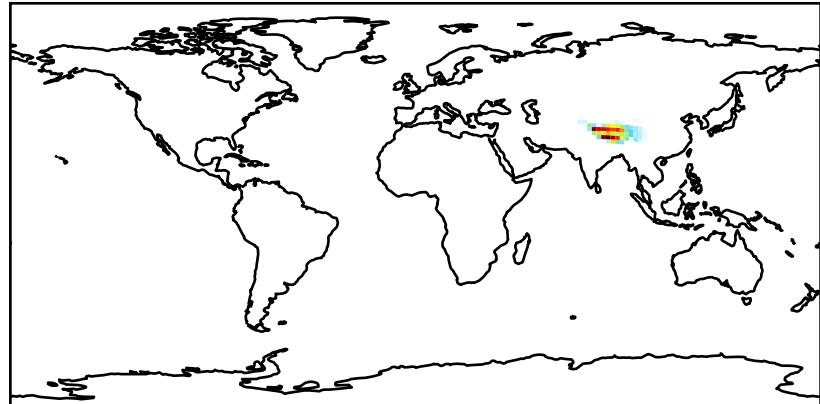
Jval_CH3CCL3

GCHP_12.7.0 (Ref)
c48



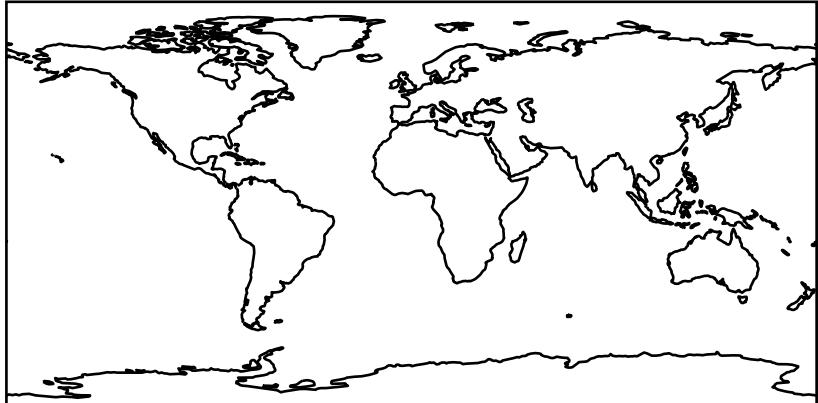
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s⁻¹

GCHP_12.8.0 (Dev)
c48



0 2 4 6
s⁻¹
1e-17

Difference (1x1.25)
Dev - Ref, Dynamic Range



Undefined throughout domain
s⁻¹

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



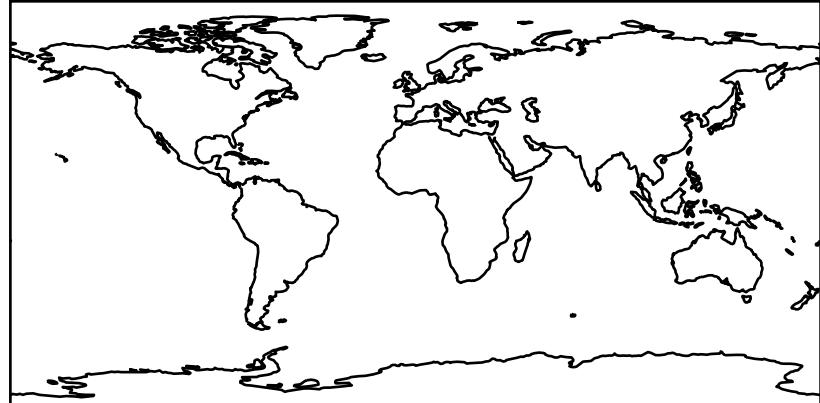
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s⁻¹

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



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unitless

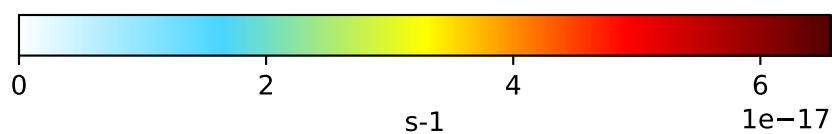
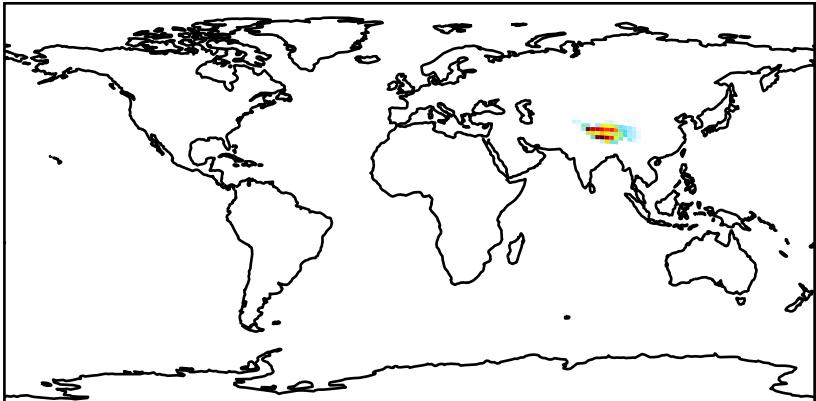
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



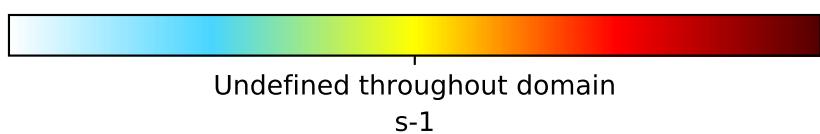
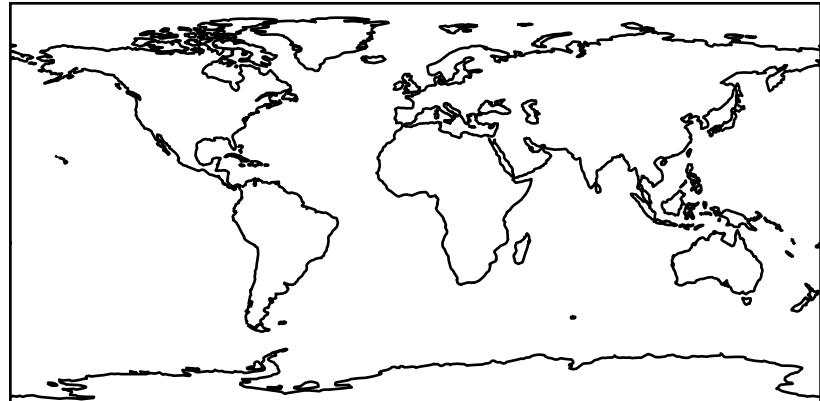
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Jval_CH3CCl3

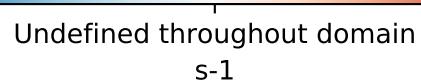
GCHP_12.7.0 (Ref)
c48



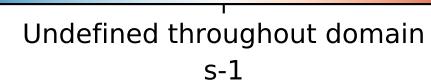
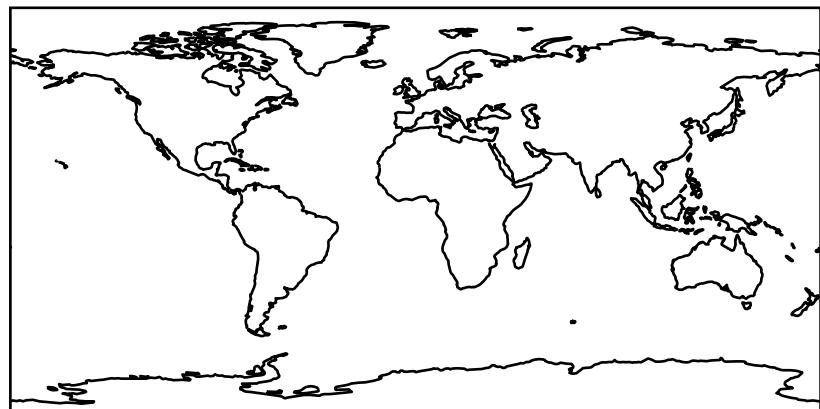
GCHP_12.8.0 (Dev)
c48



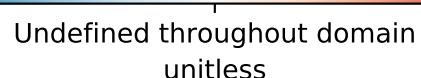
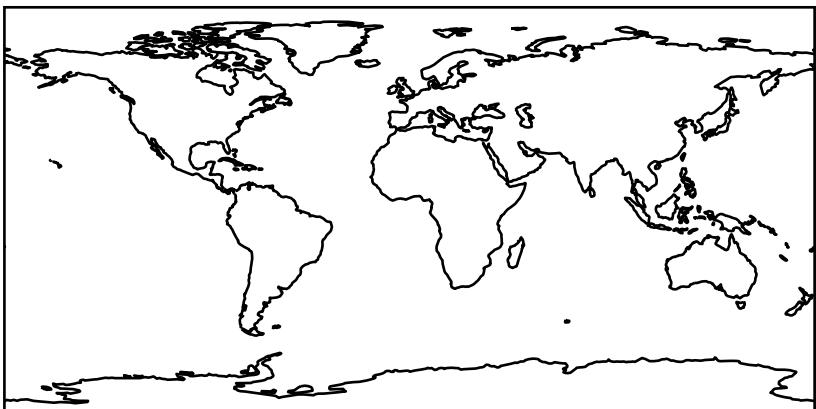
Difference (1x1.25)
Dev - Ref, Dynamic Range



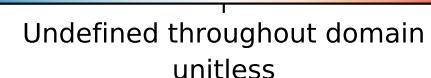
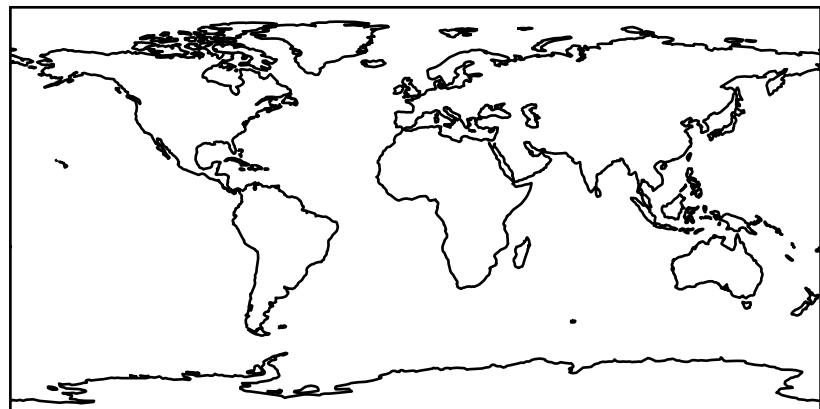
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

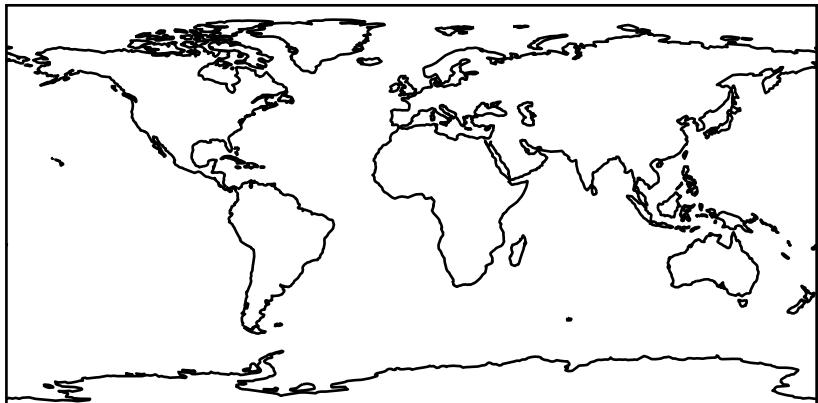


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



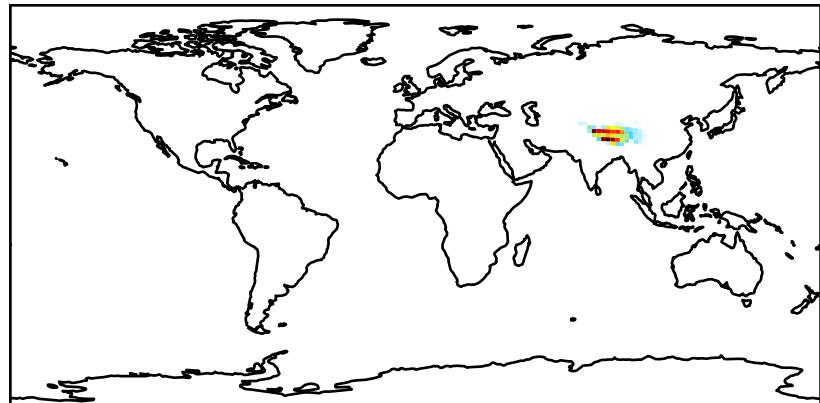
Jval_CH3CL

GCHP_12.7.0 (Ref)
c48



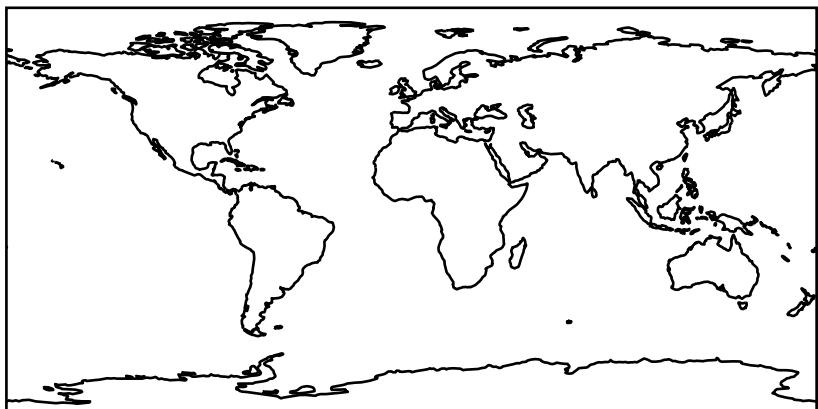
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s-1

GCHP_12.8.0 (Dev)
c48



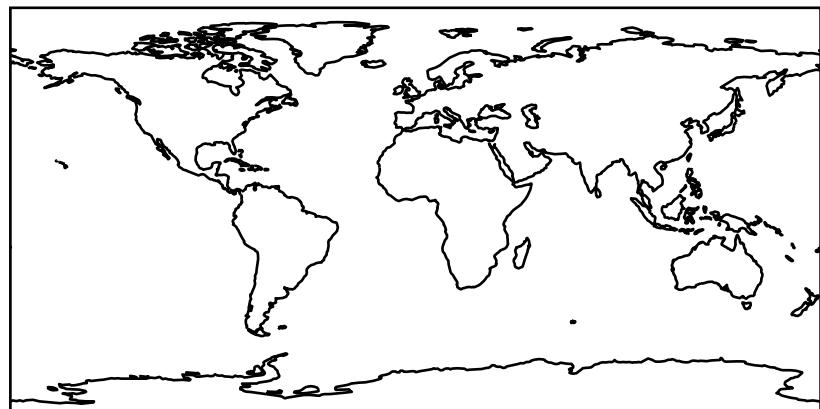
0 2 4 6
s-1
1e-19

Difference (1x1.25)
Dev - Ref, Dynamic Range



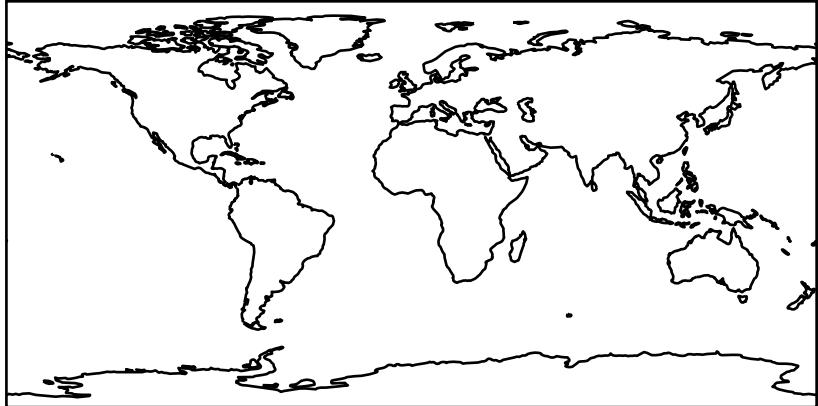
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Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



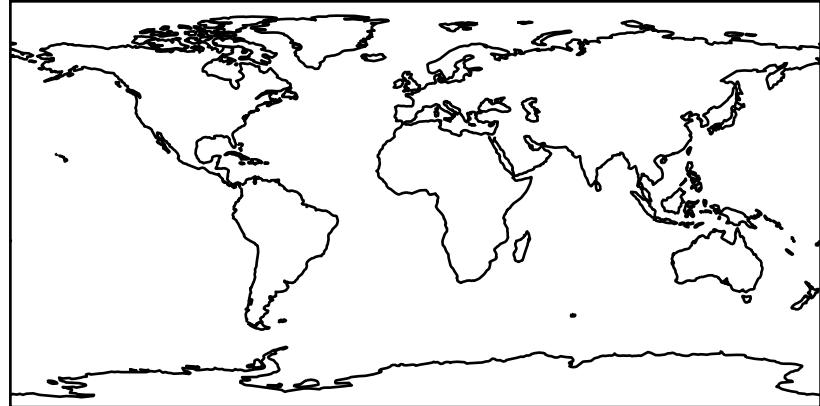
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



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unitless

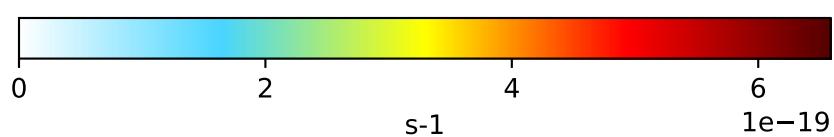
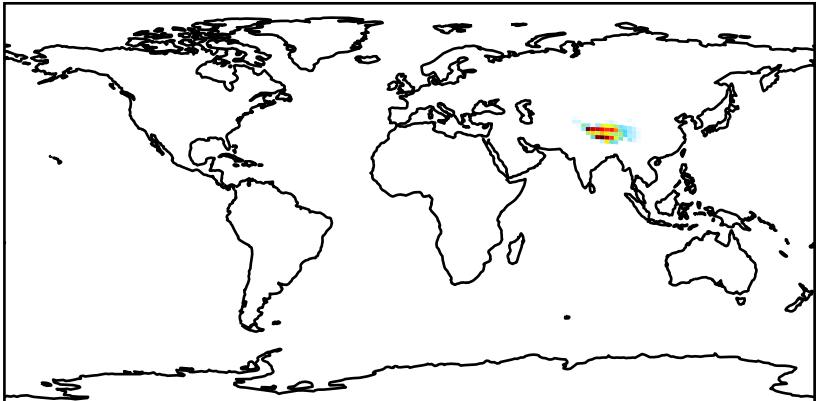
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



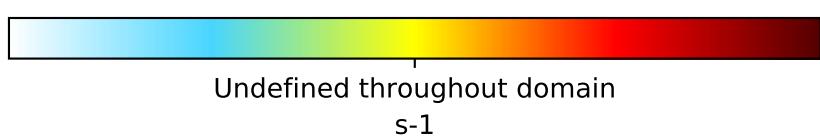
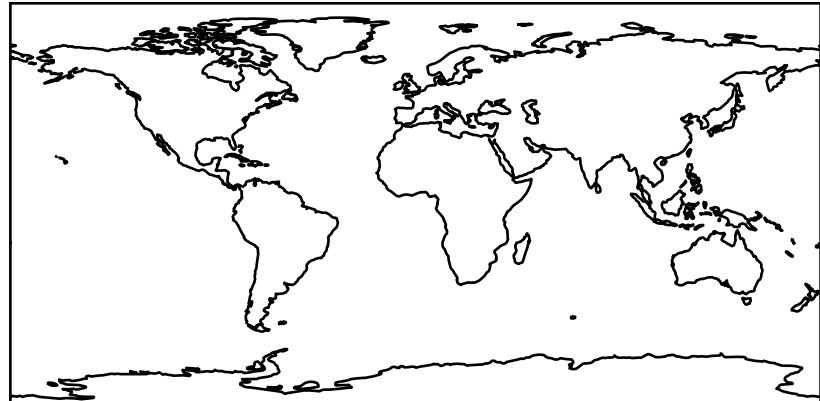
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Jval_CH3Cl

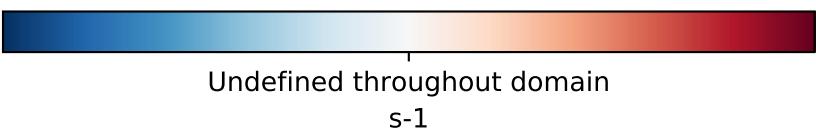
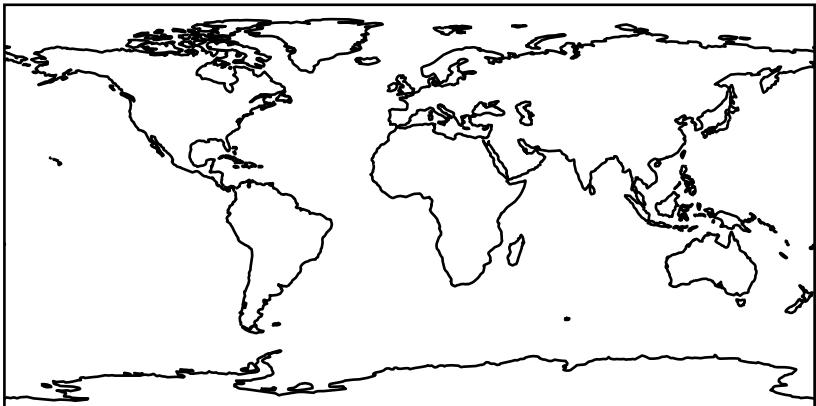
GCHP_12.7.0 (Ref)
c48



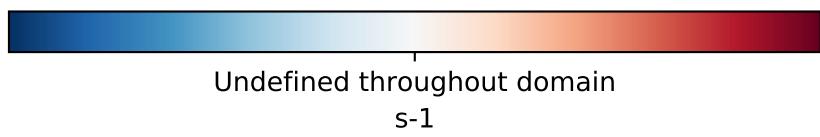
GCHP_12.8.0 (Dev)
c48



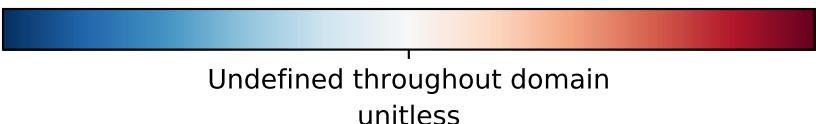
Difference (1x1.25)
Dev - Ref, Dynamic Range



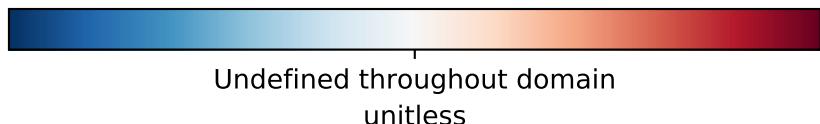
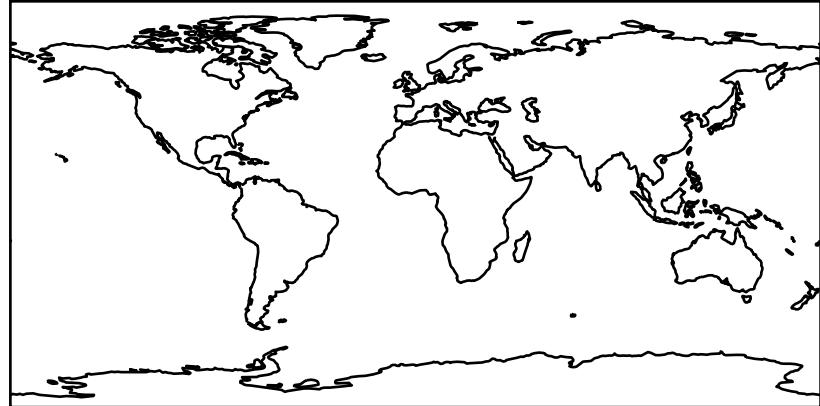
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



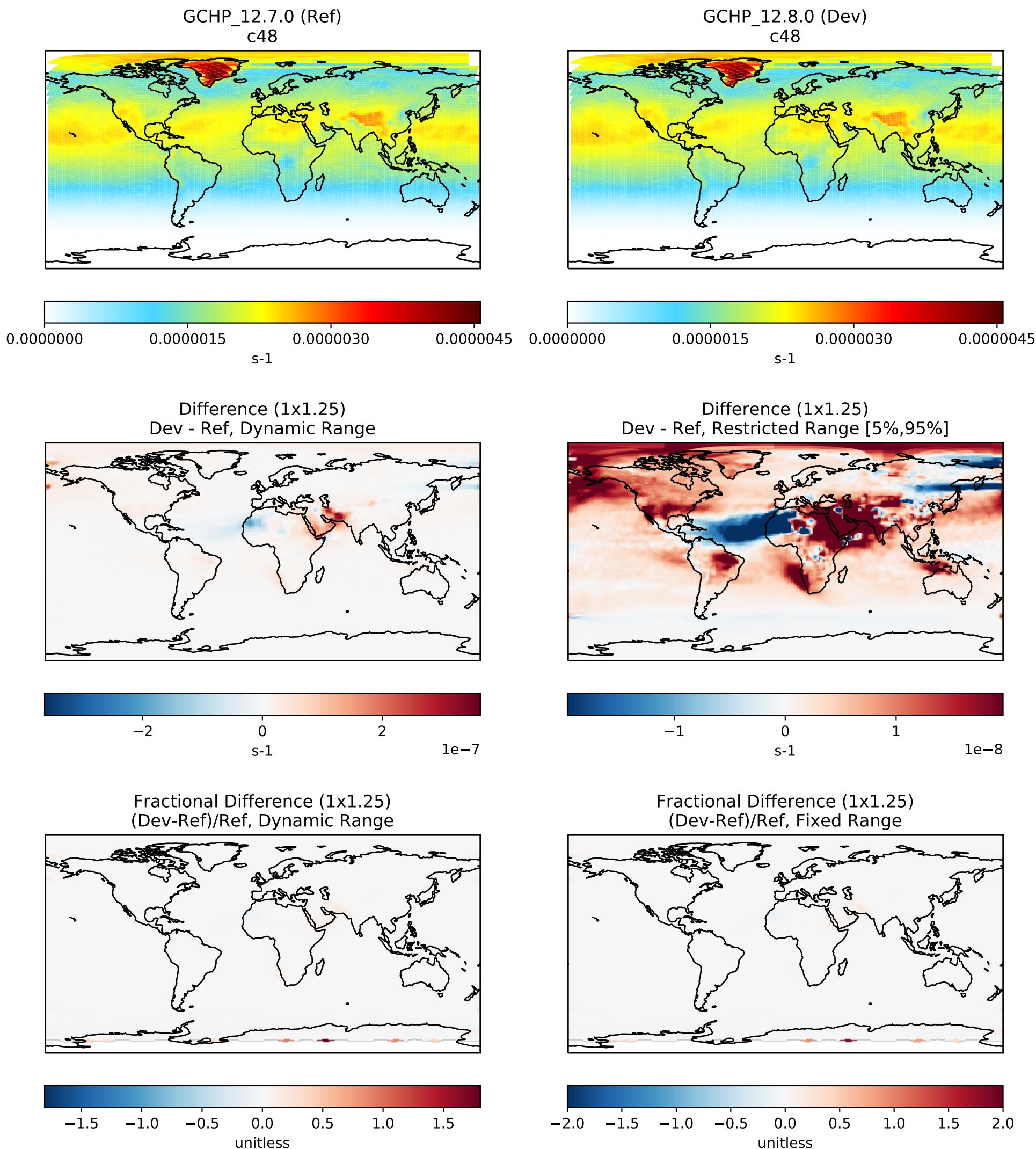
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

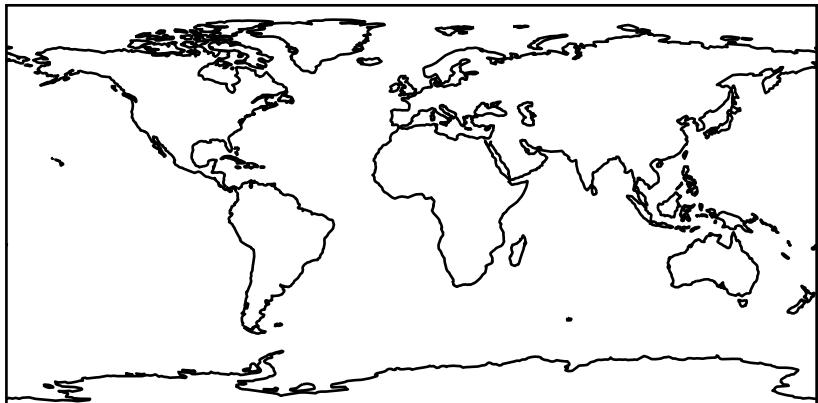


Jval_CH3I



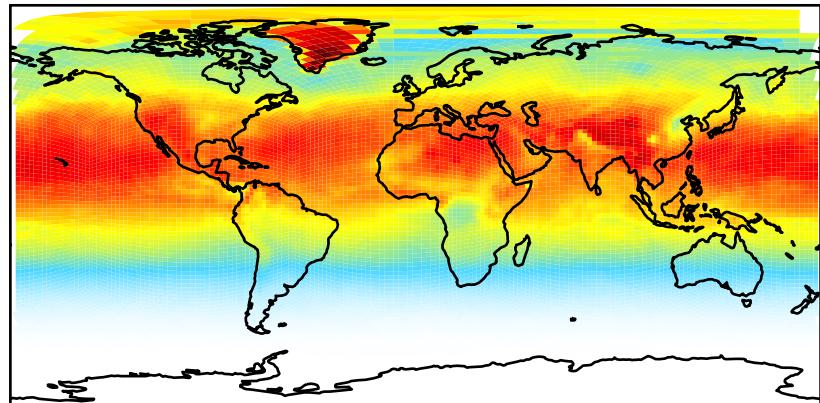
Jval_CHBR3

GCHP_12.7.0 (Ref)
c48



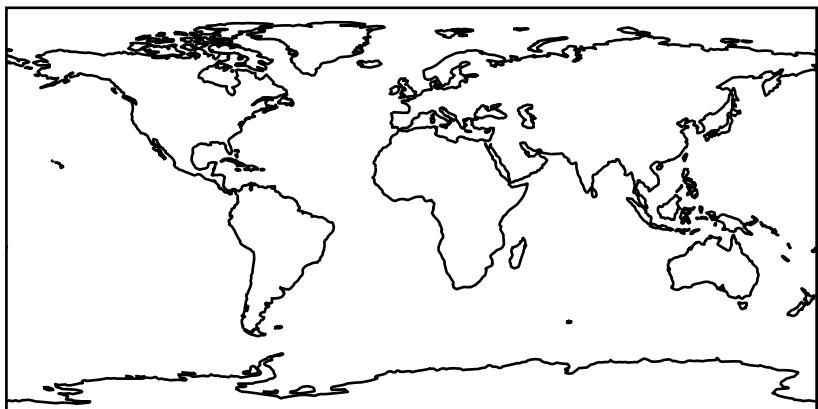
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s-1

GCHP_12.8.0 (Dev)
c48



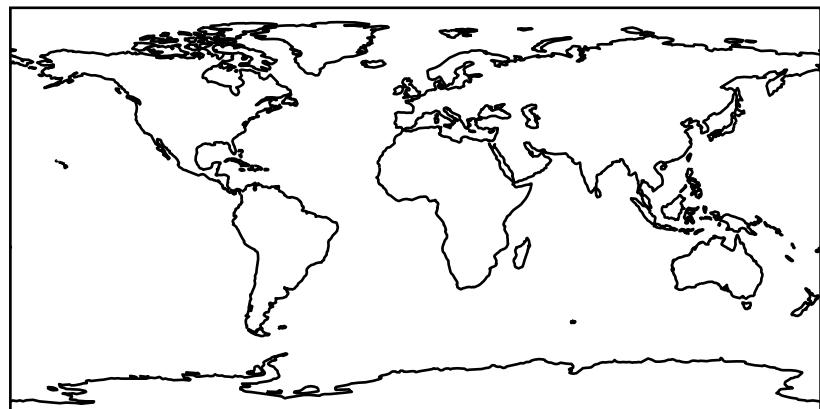
0 2 4 6
s-1
1e-7

Difference (1x1.25)
Dev - Ref, Dynamic Range



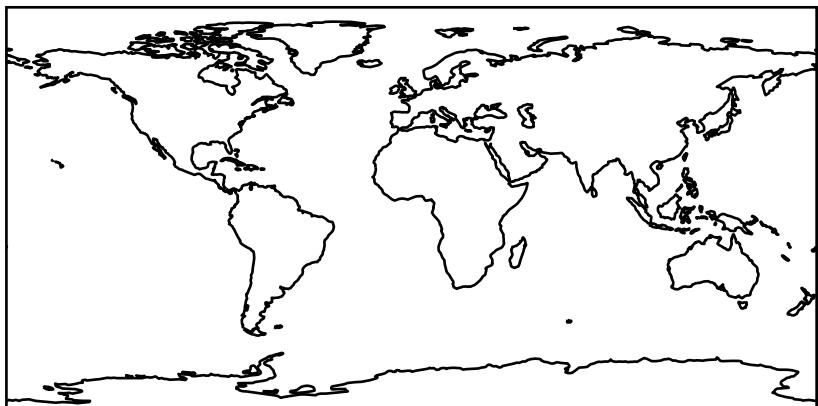
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



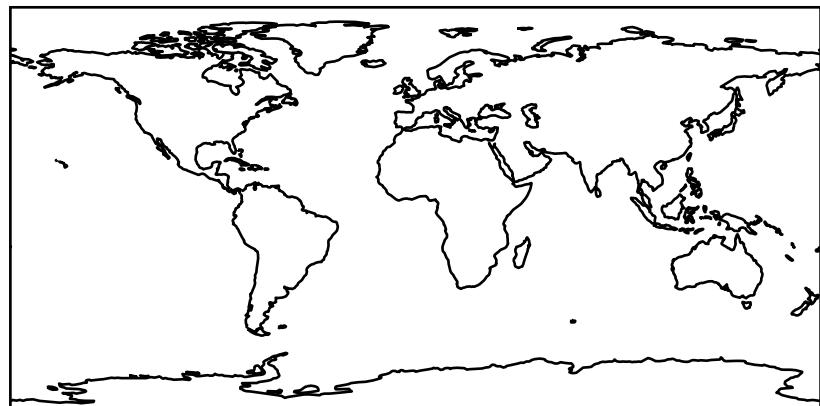
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s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



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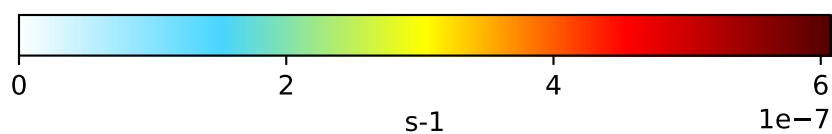
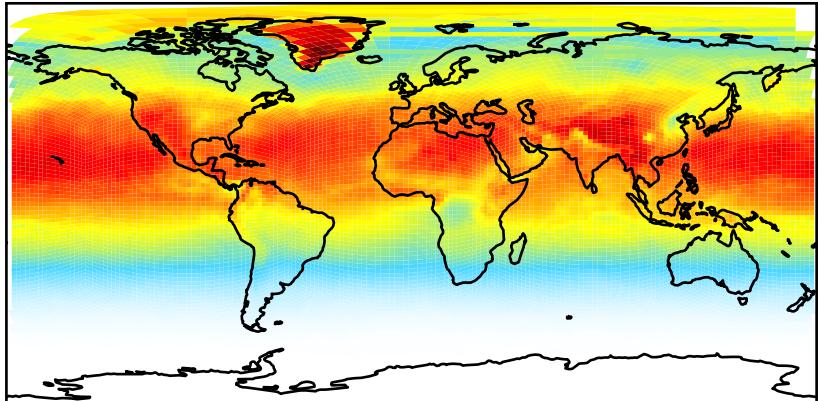
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



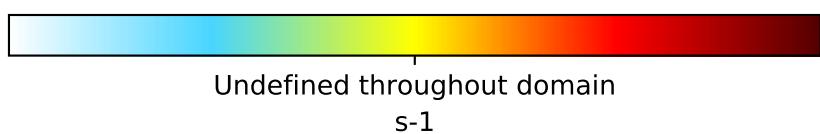
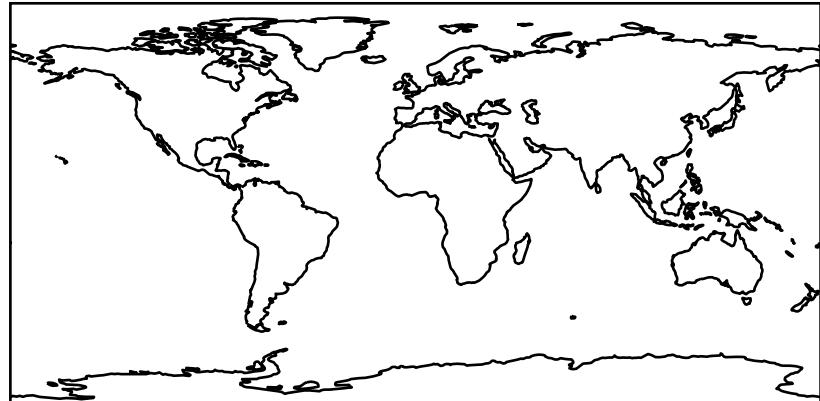
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Jval_CHBr3

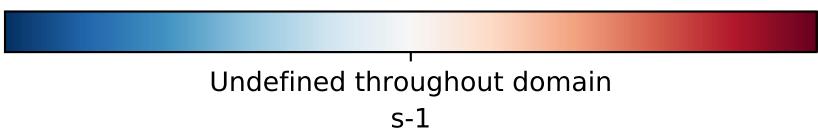
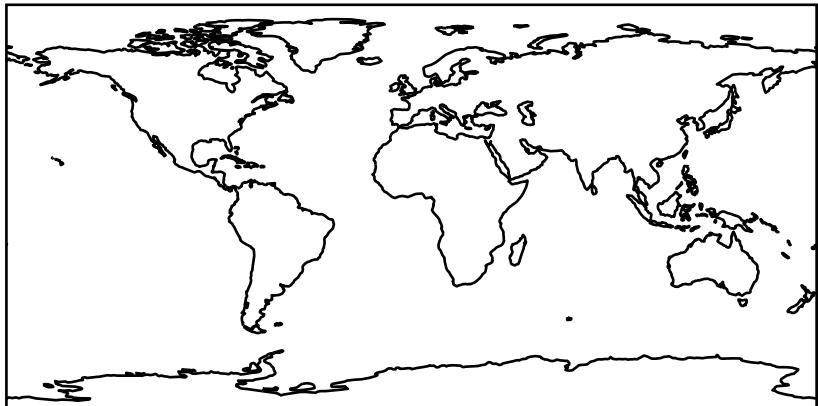
GCHP_12.7.0 (Ref)
c48



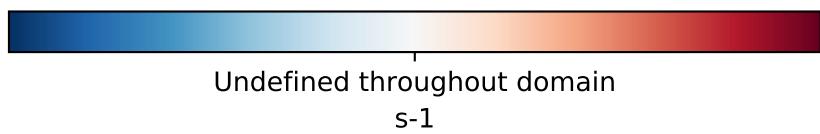
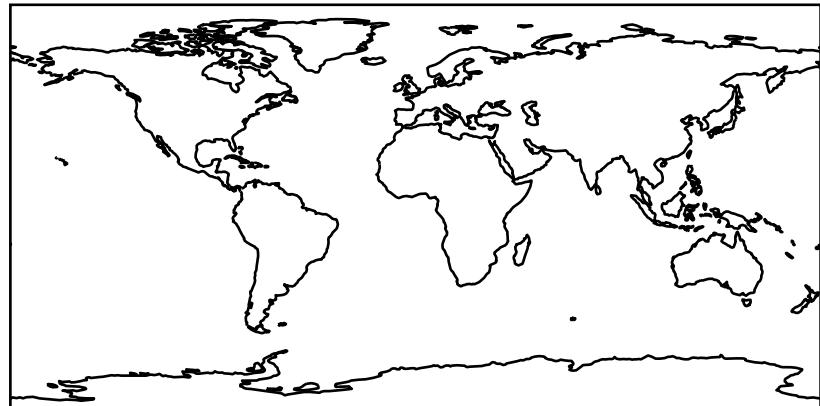
GCHP_12.8.0 (Dev)
c48



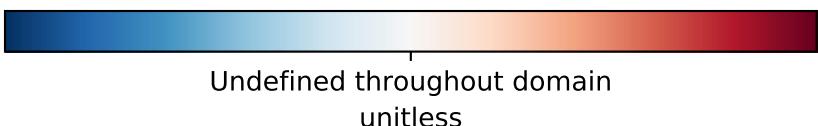
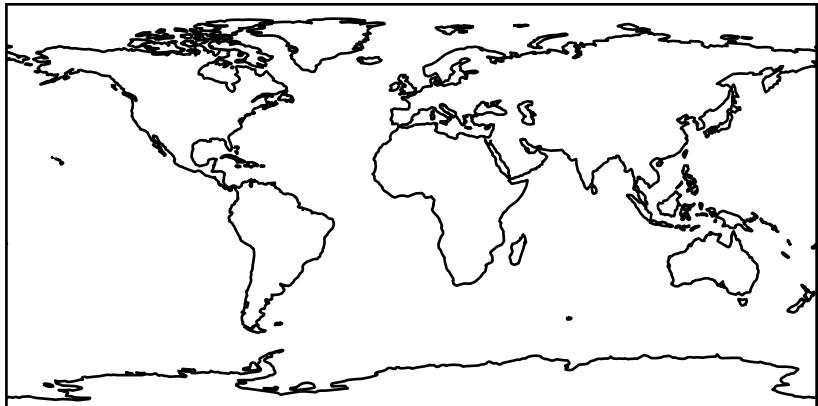
Difference (1x1.25)
Dev - Ref, Dynamic Range



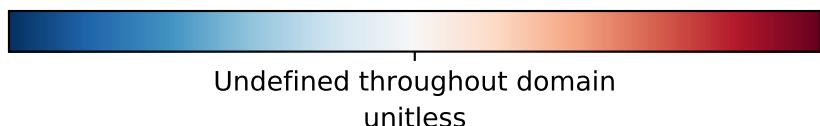
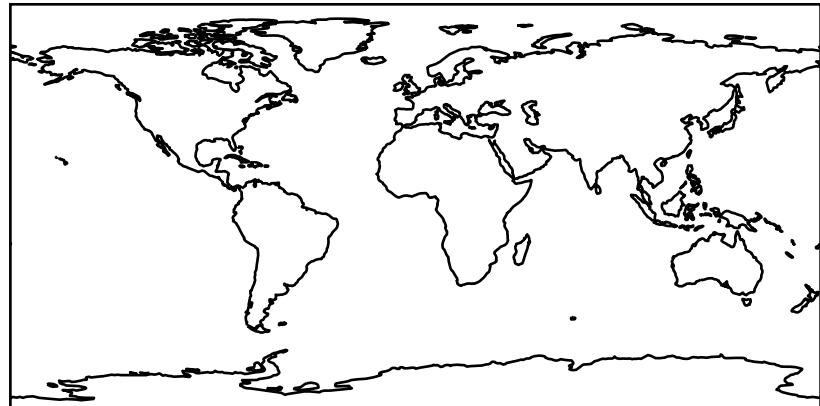
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

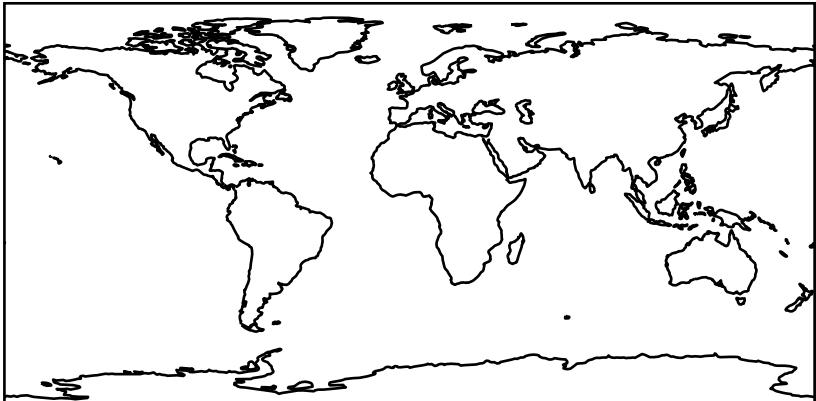


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



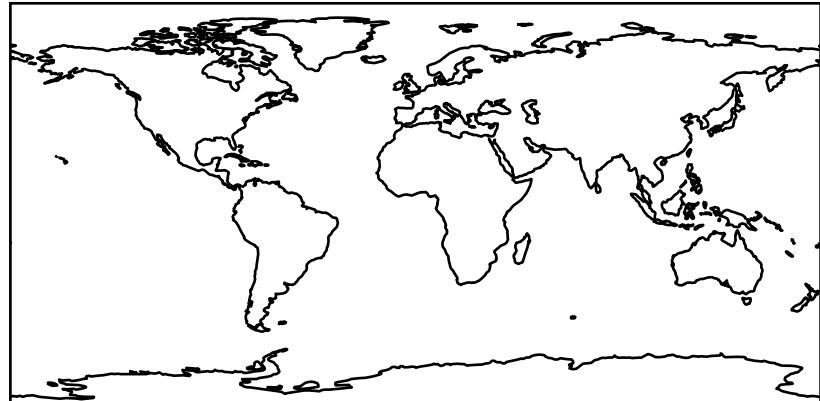
Jval_CHCL3

GCHP_12.7.0 (Ref)
c48



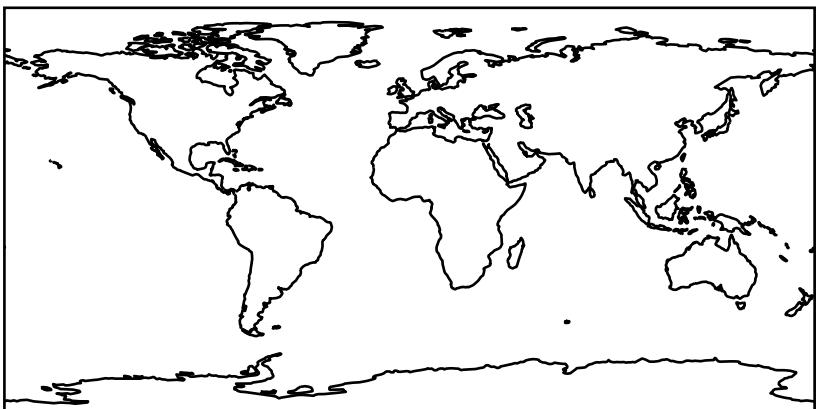
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s-1

GCHP_12.8.0 (Dev)
c48



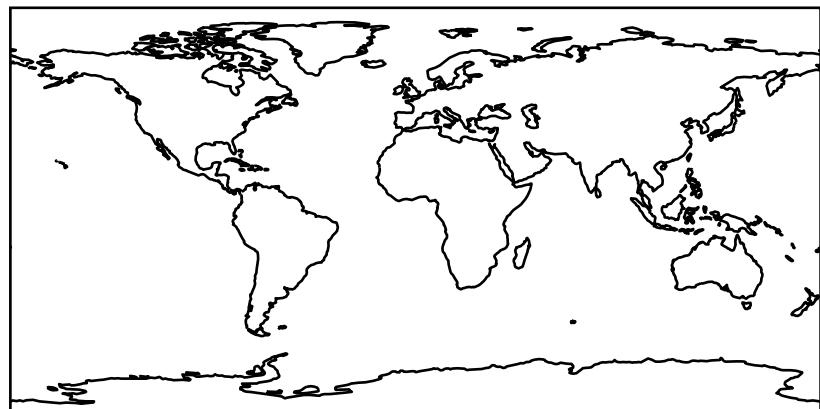
Zero throughout domain
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Difference (1x1.25)
Dev - Ref, Dynamic Range



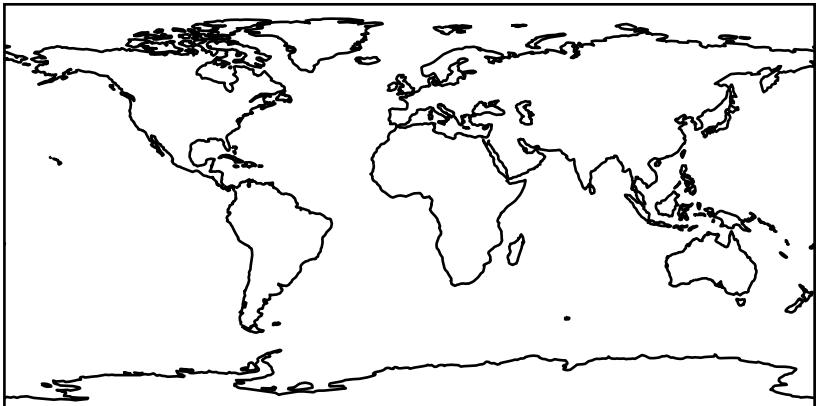
Undefined throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



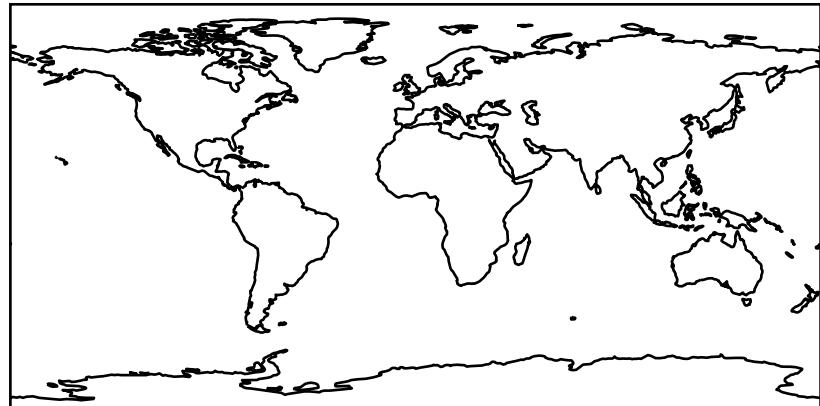
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s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



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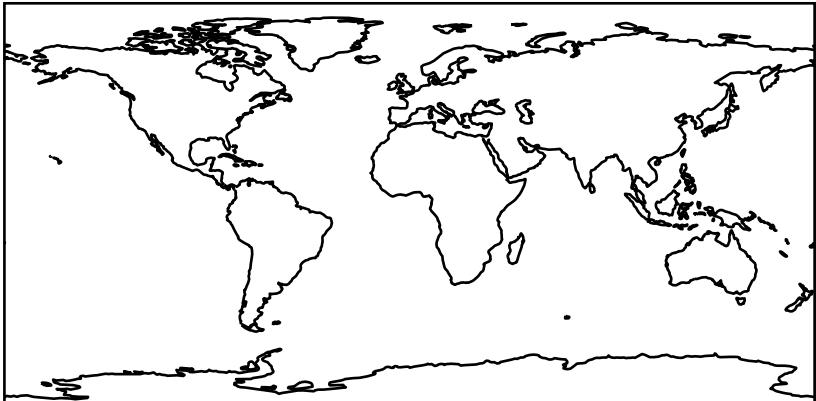
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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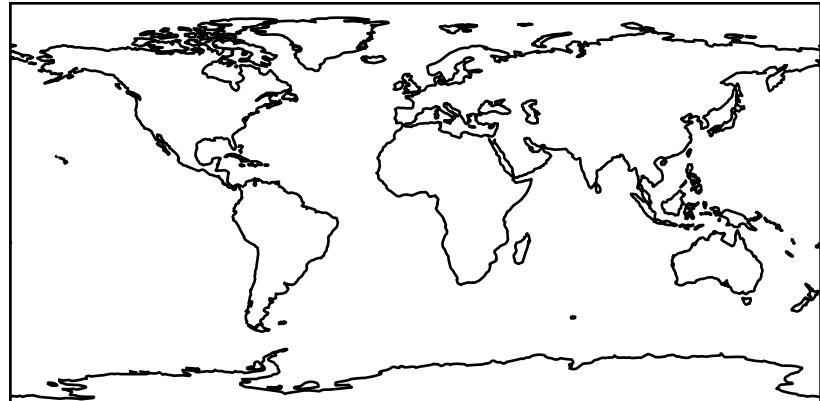
Jval_CHCl3

GCHP_12.7.0 (Ref)
c48



Zero throughout domain
s-1

GCHP_12.8.0 (Dev)
c48



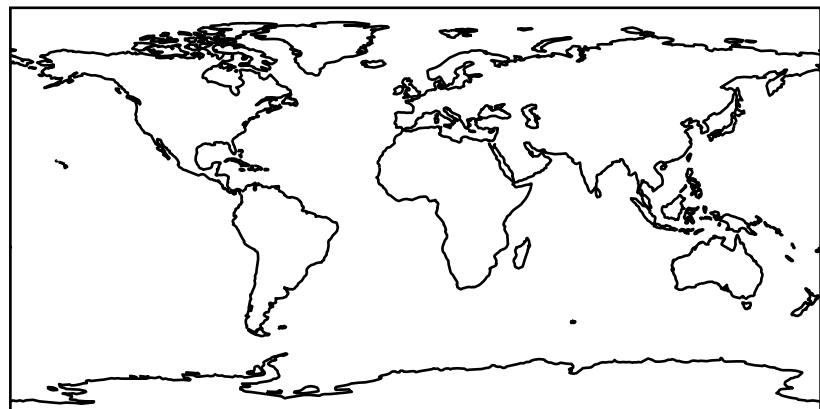
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s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



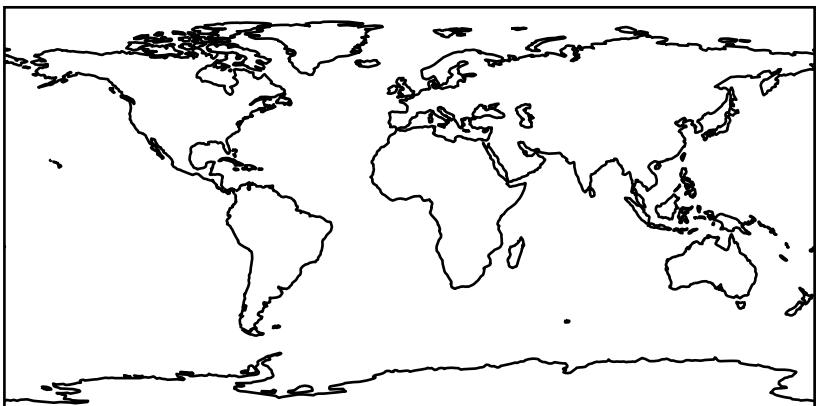
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



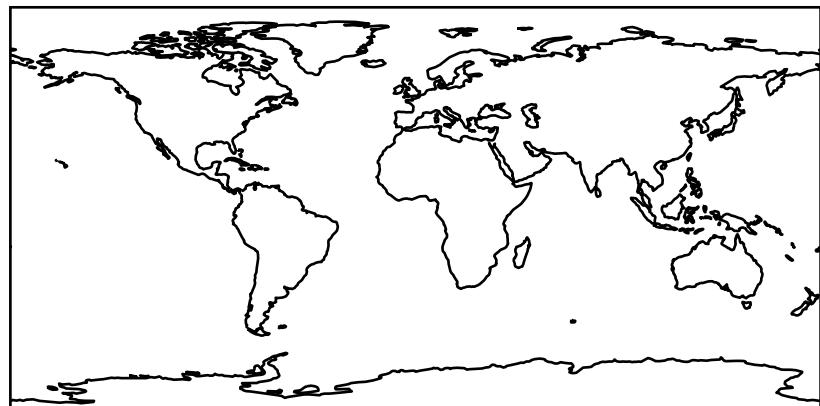
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s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



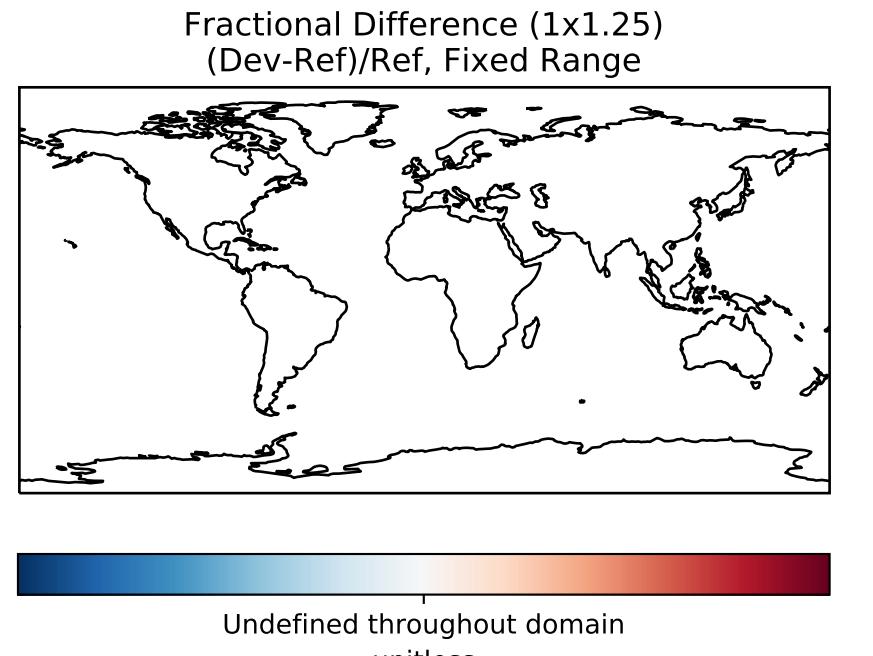
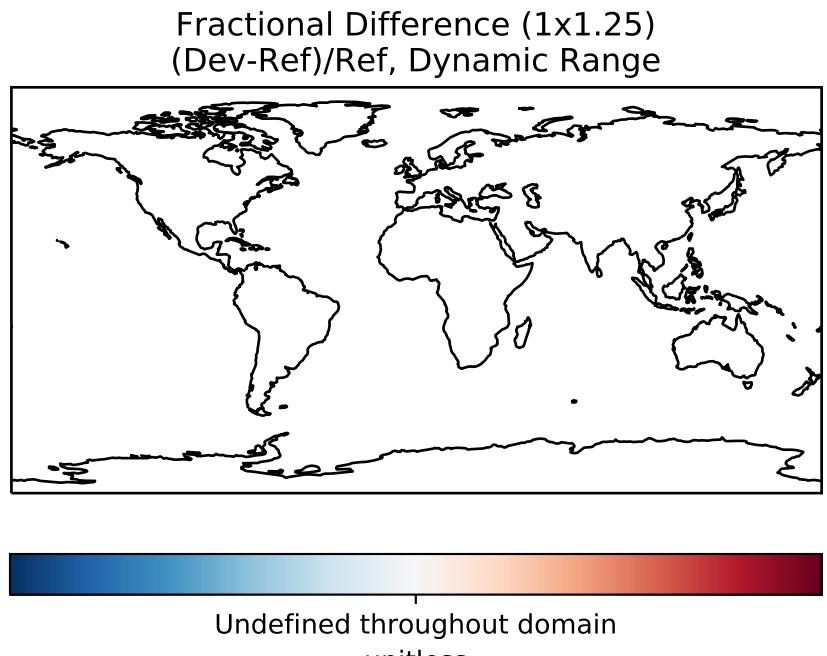
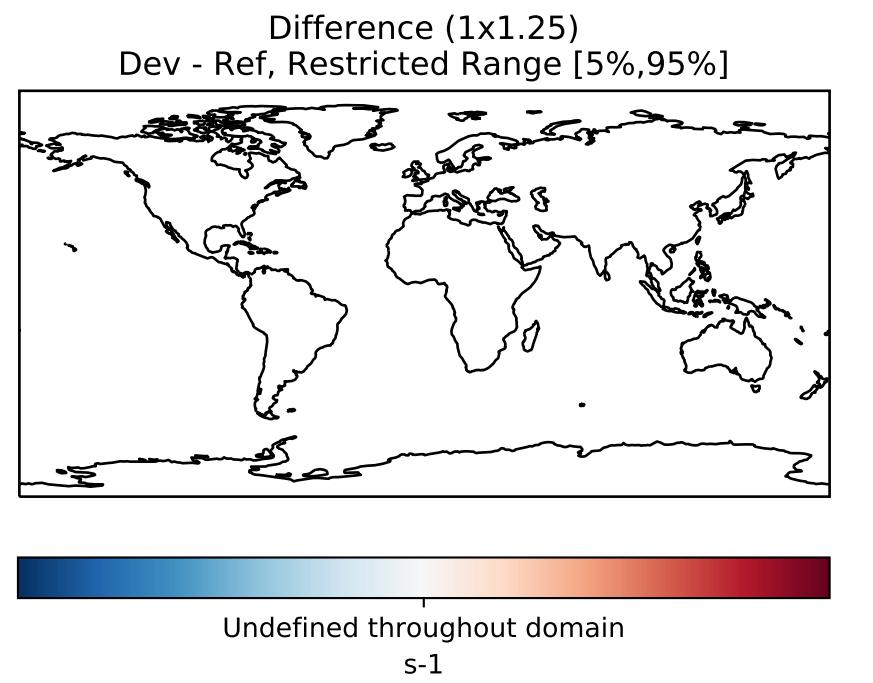
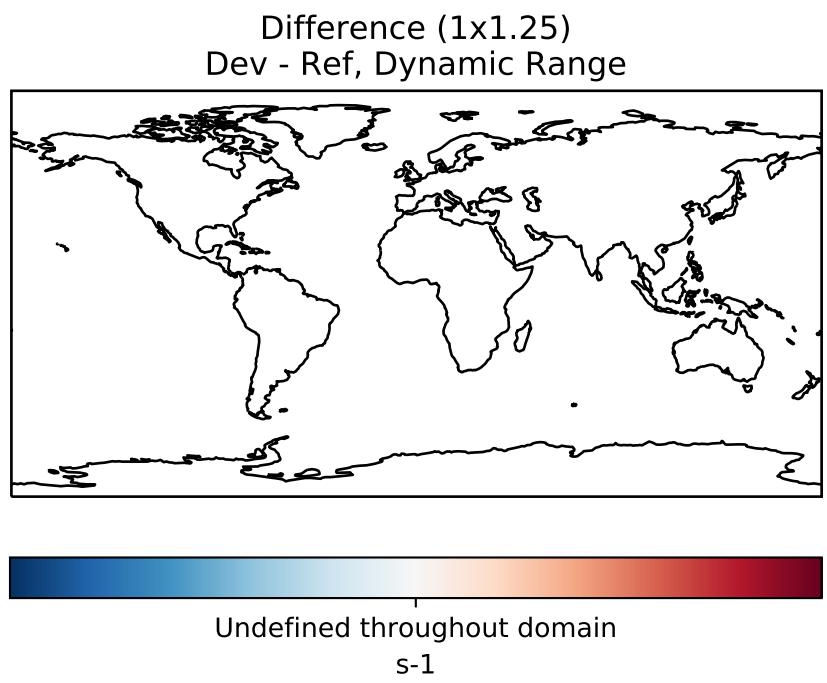
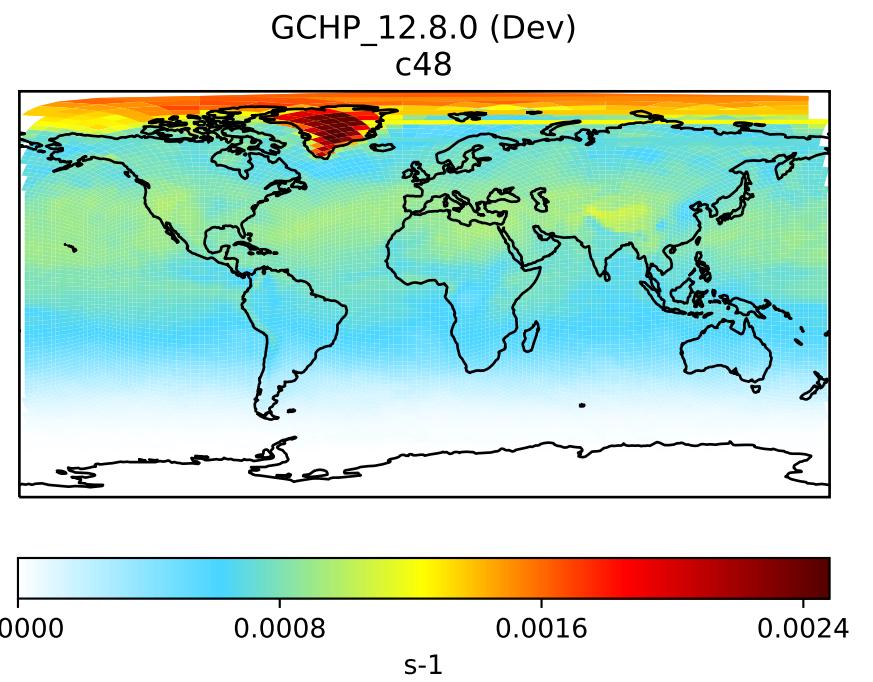
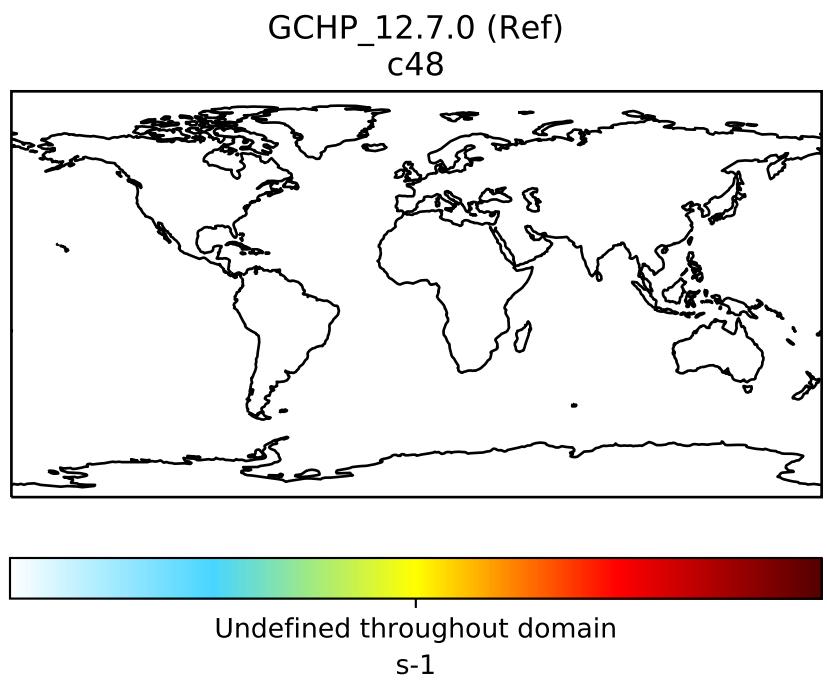
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

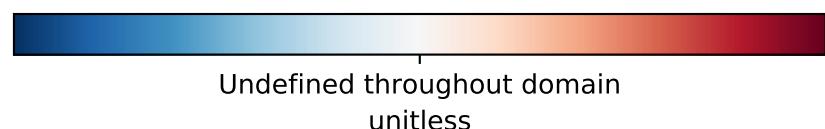
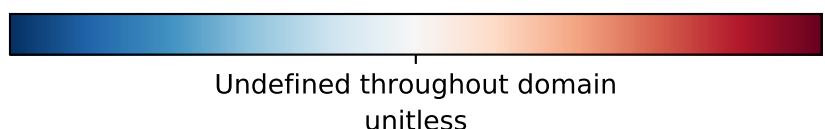
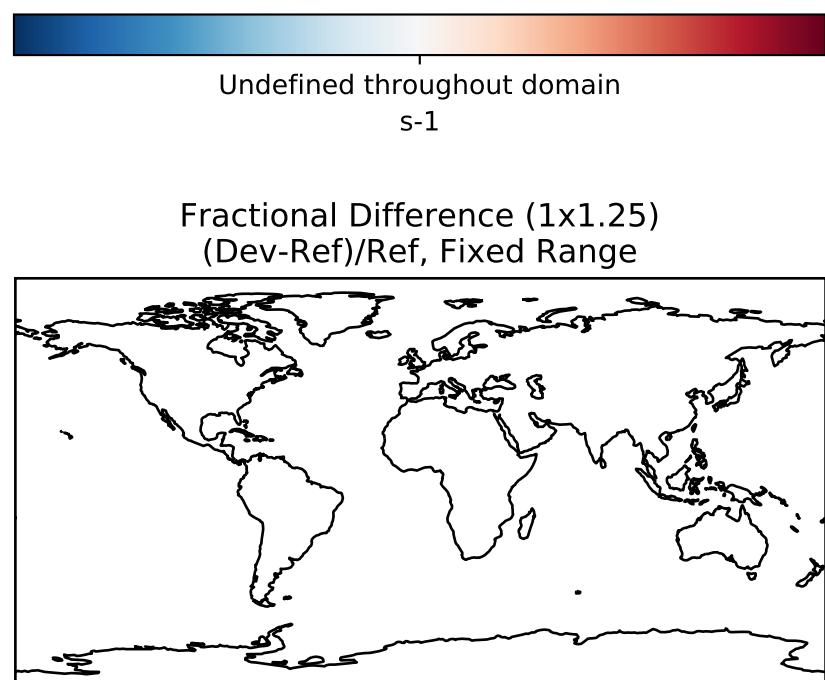
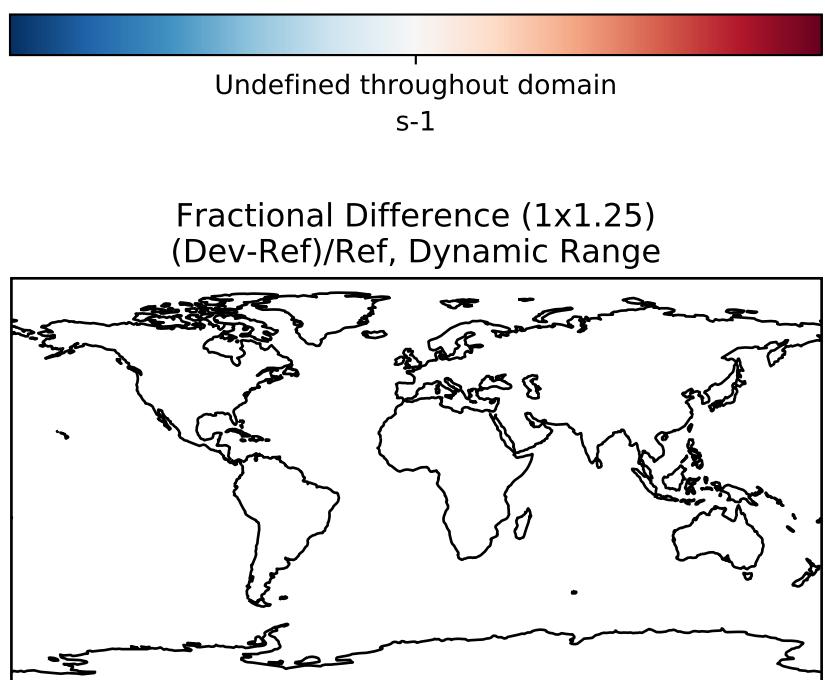
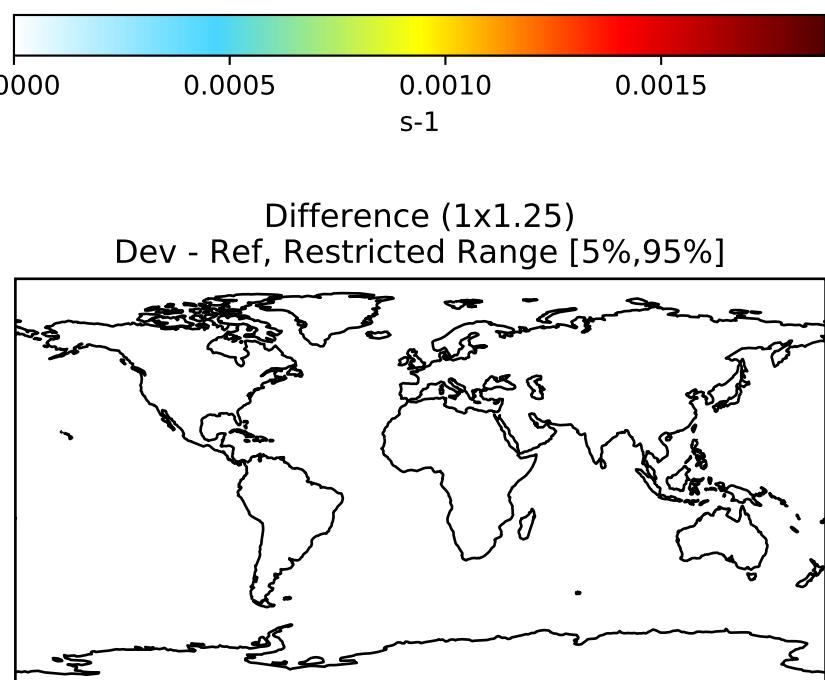
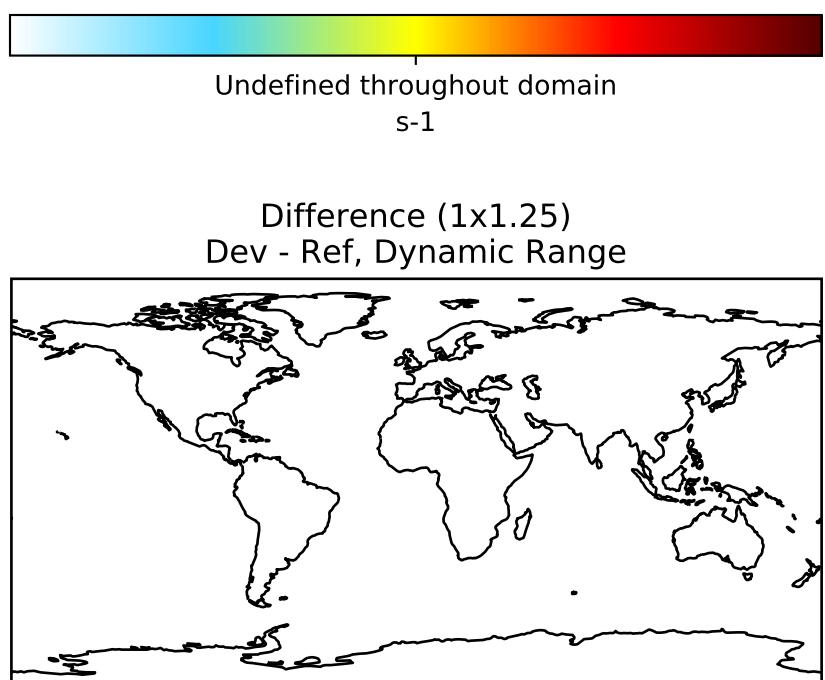
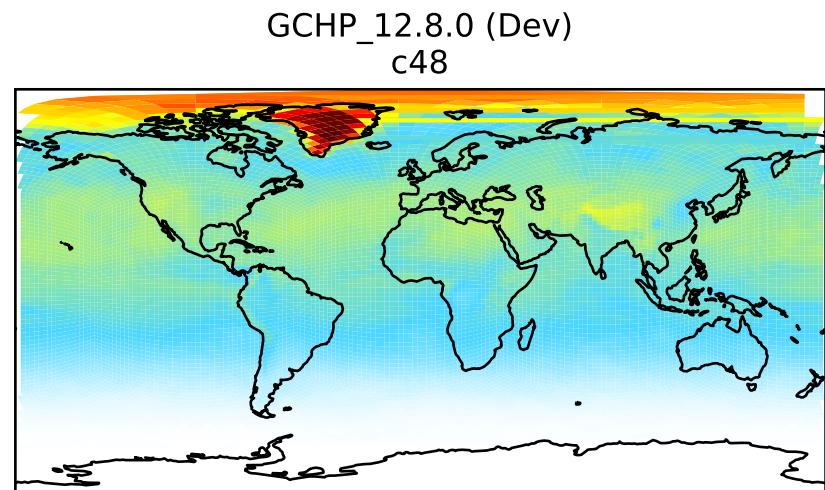
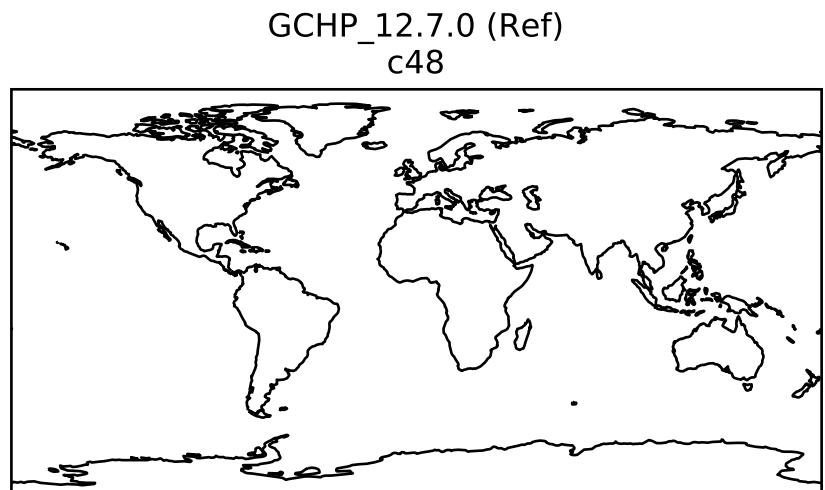


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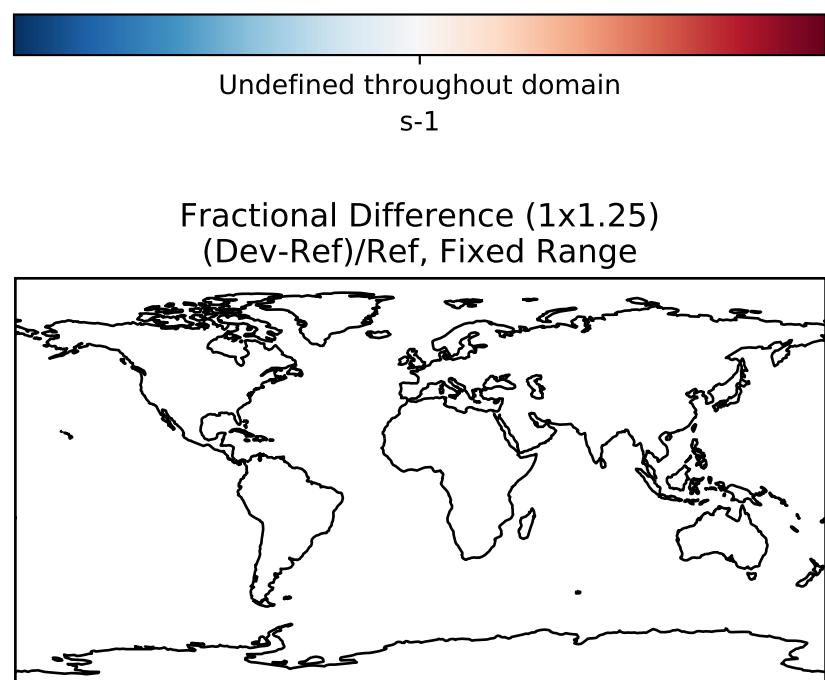
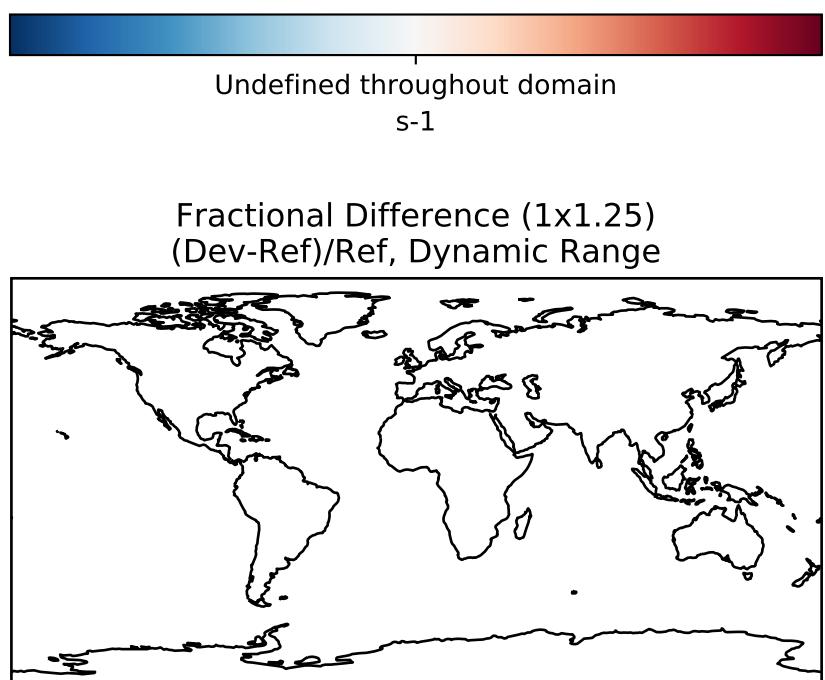
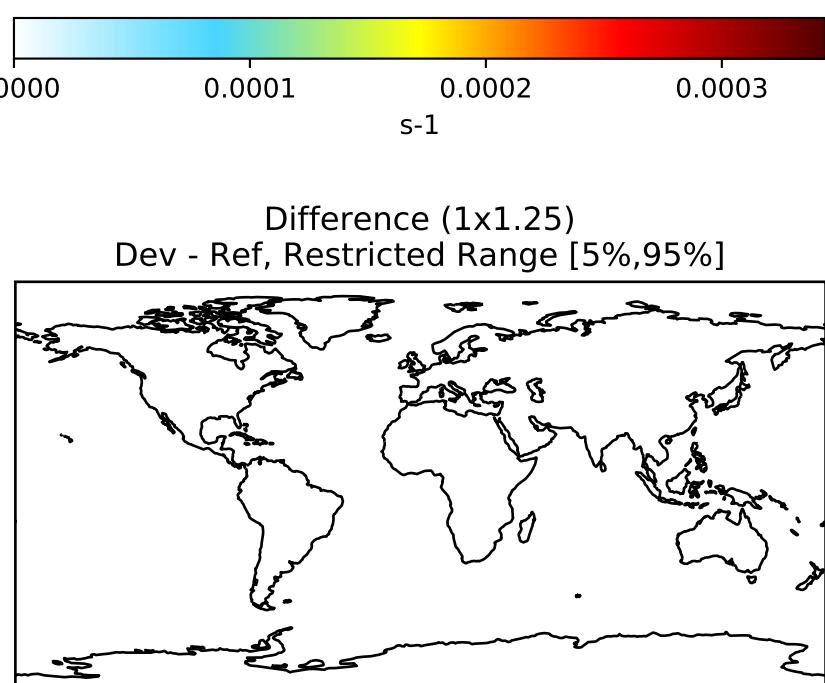
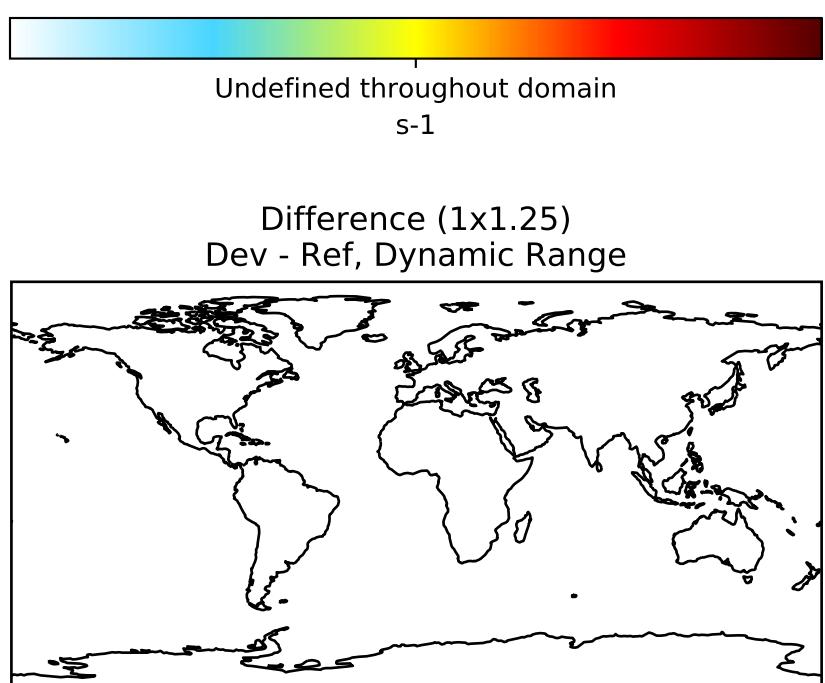
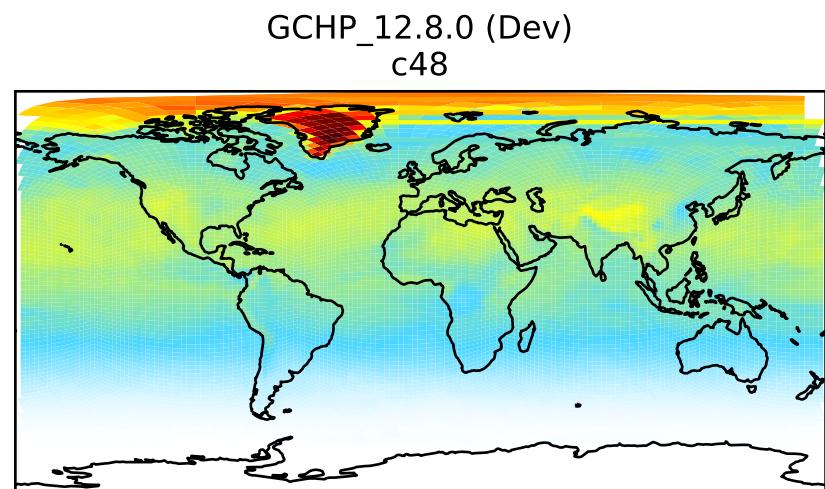
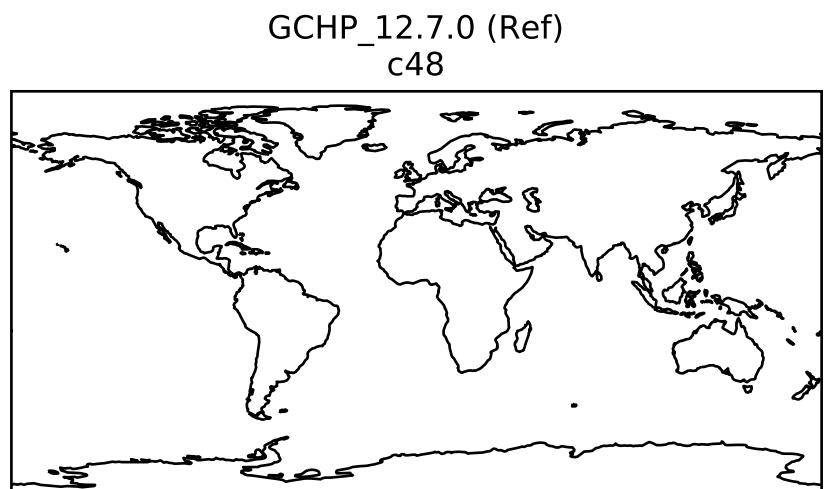
Jval_CL2



Jval_CL202

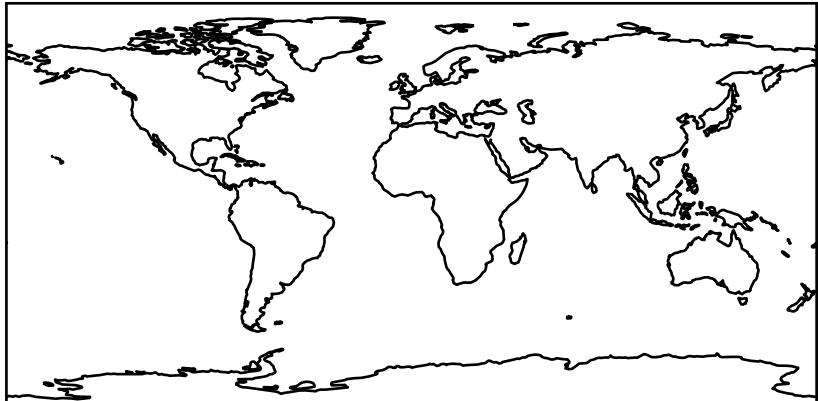


Jval_CLNO2



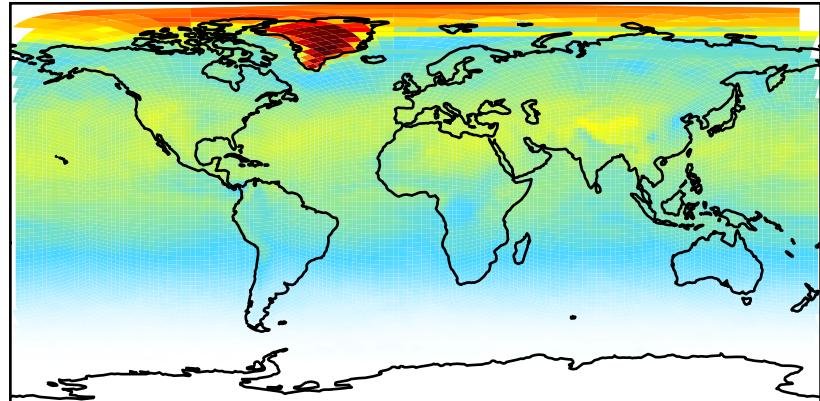
Jval_CLNO3

GCHP_12.7.0 (Ref)
c48



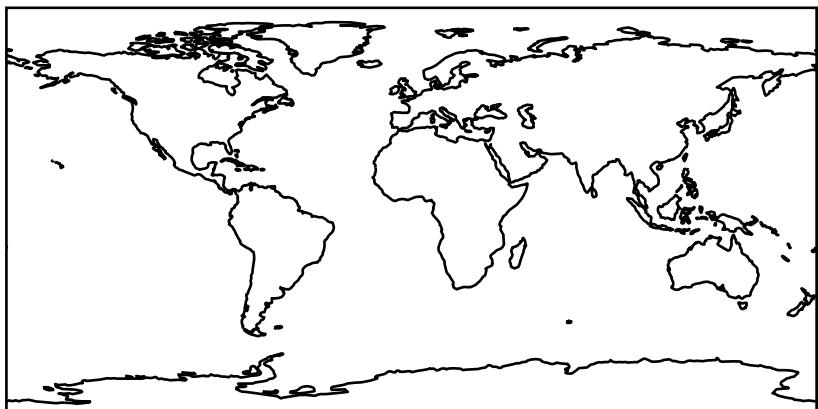
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s-1

GCHP_12.8.0 (Dev)
c48



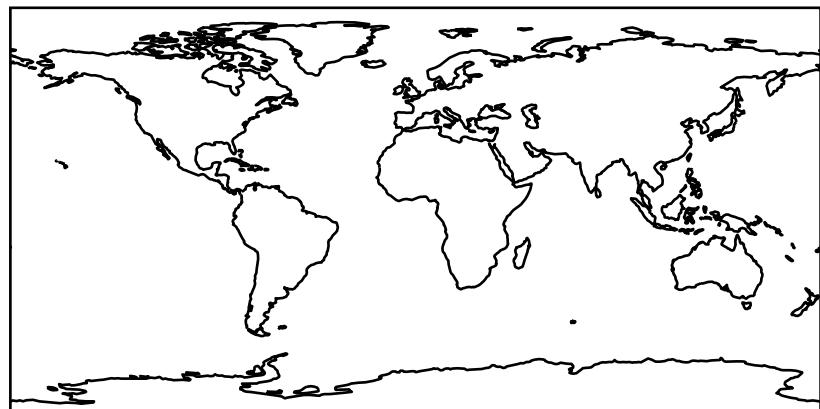
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s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



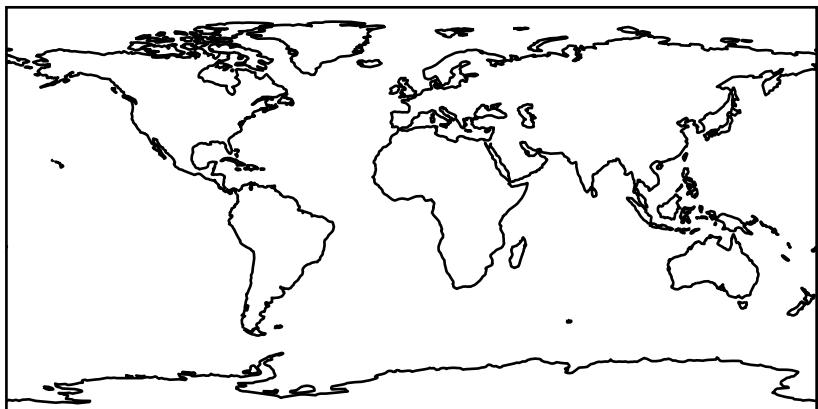
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Undefined throughout domain
s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



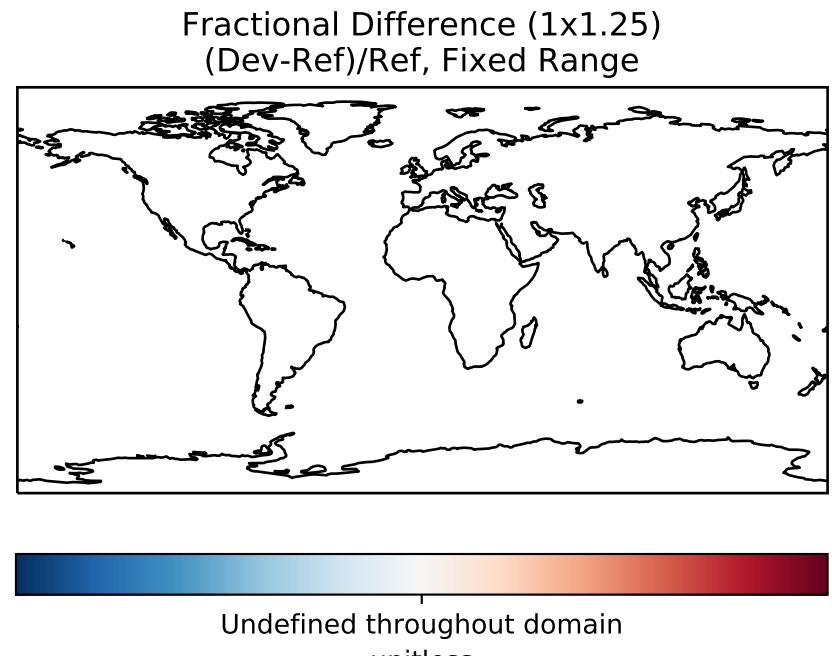
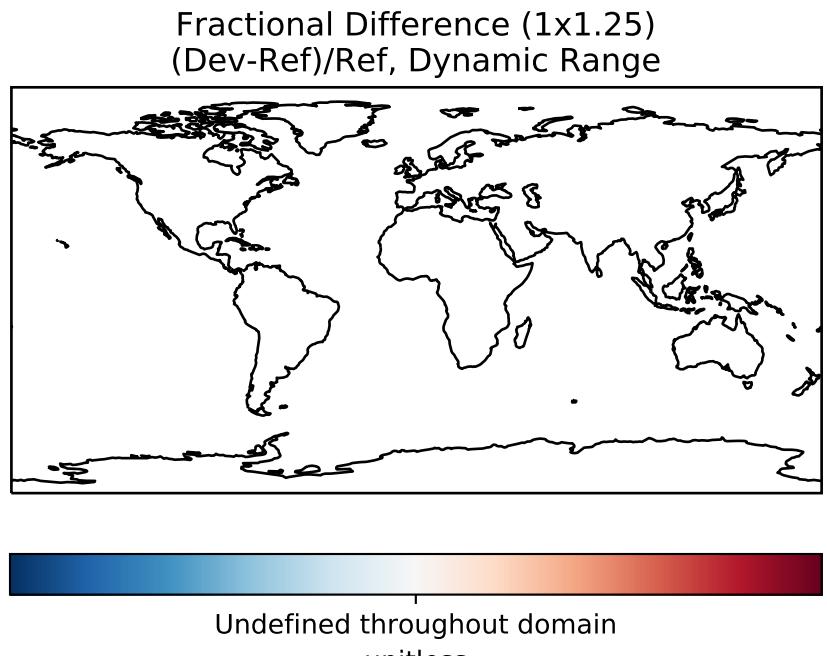
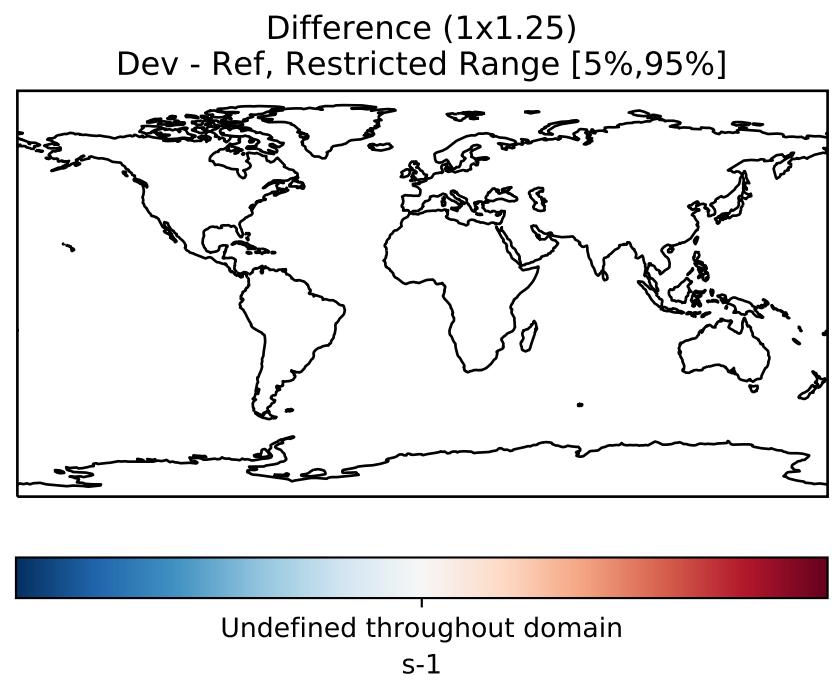
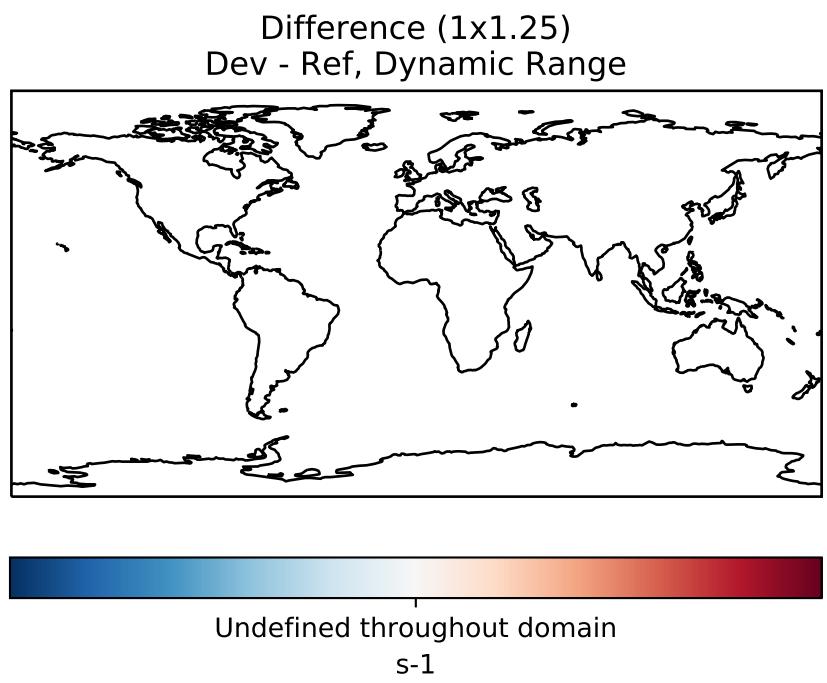
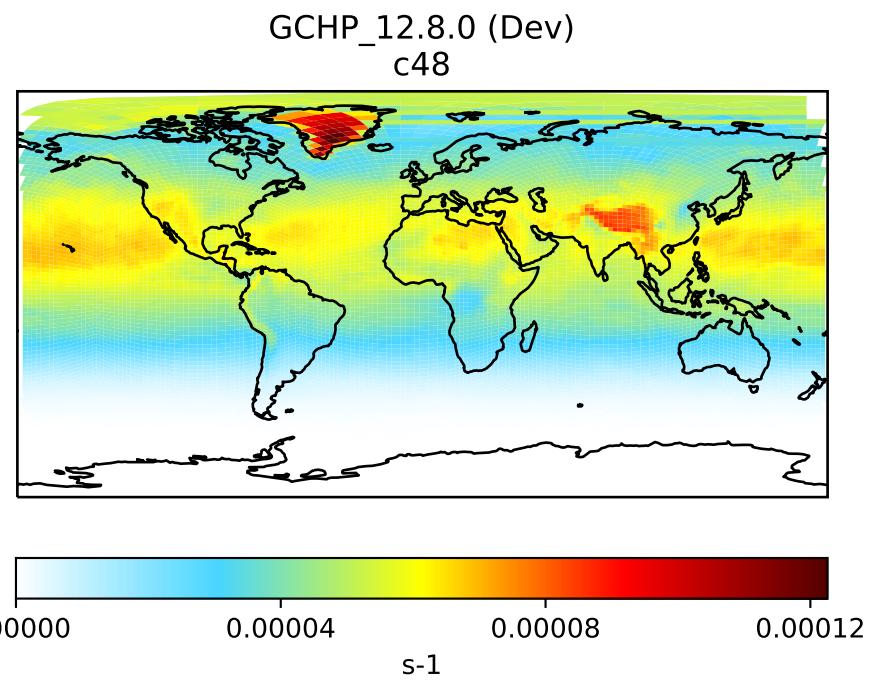
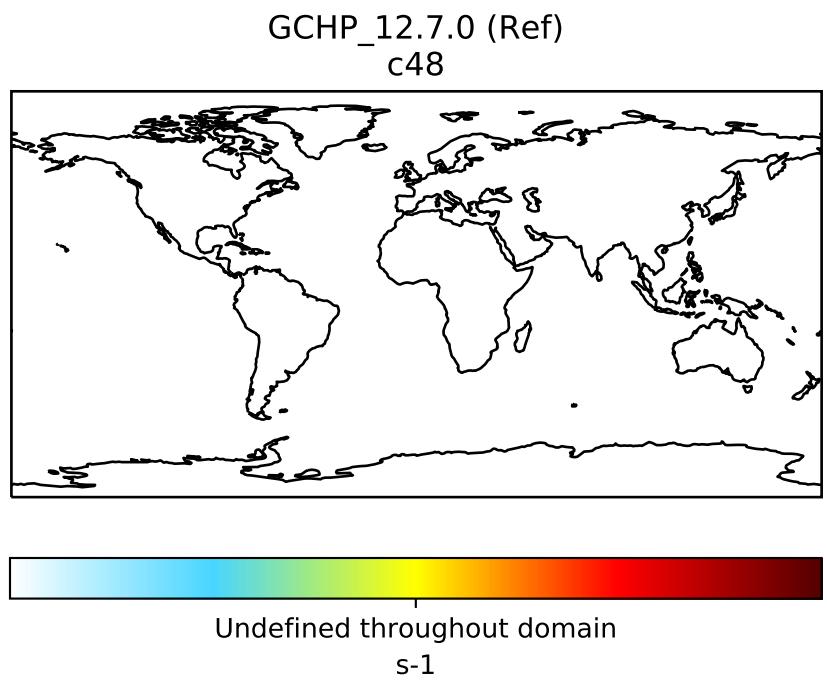
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



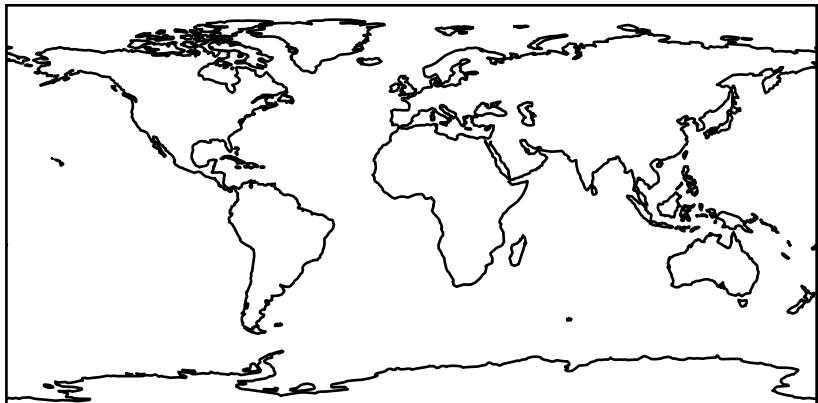
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unitless

Jval_CLO

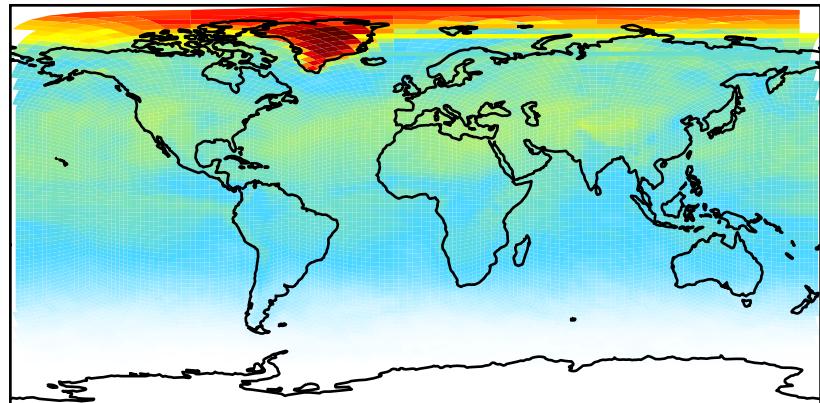


Jval_CLOO

GCHP_12.7.0 (Ref)
c48



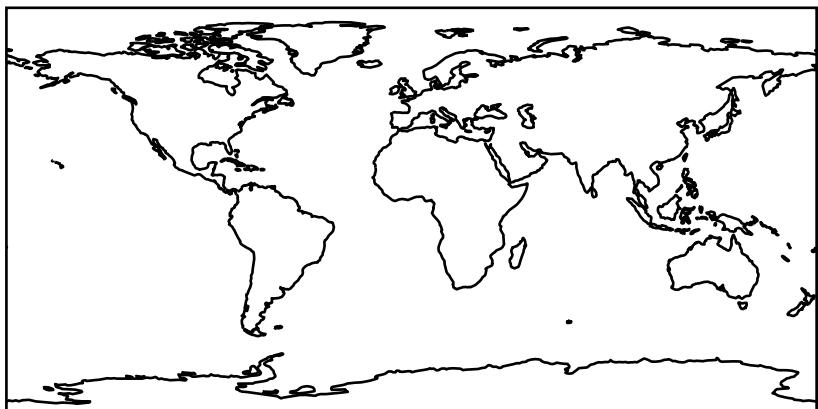
GCHP_12.8.0 (Dev)
c48



Undefined throughout domain
s⁻¹

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s⁻¹

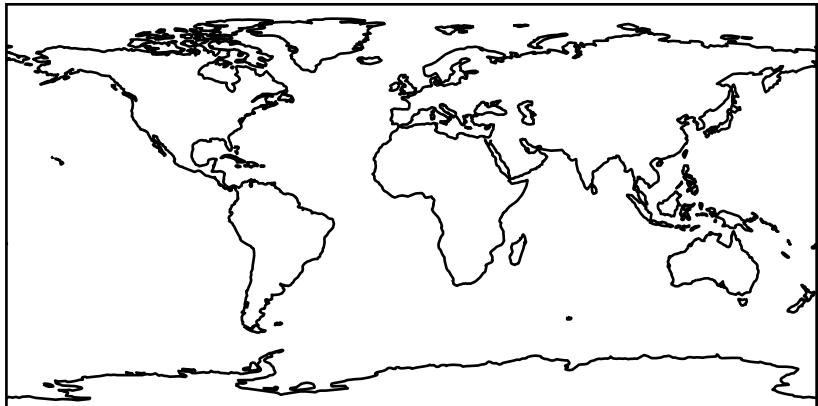
Difference (1x1.25)
Dev - Ref, Dynamic Range



Undefined throughout domain
s⁻¹

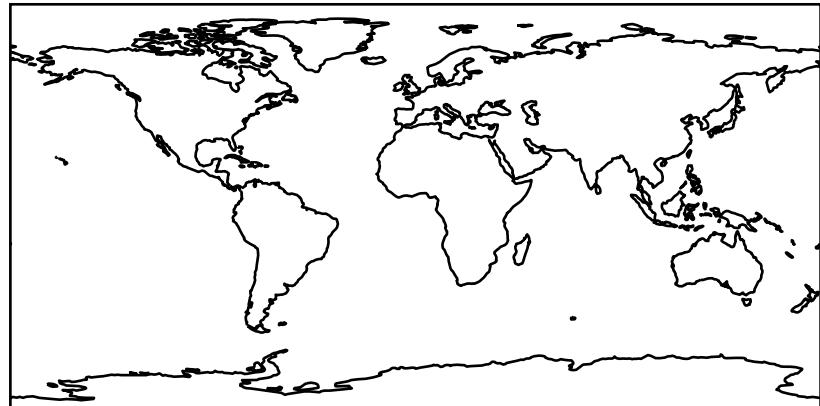
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s⁻¹

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



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unitless

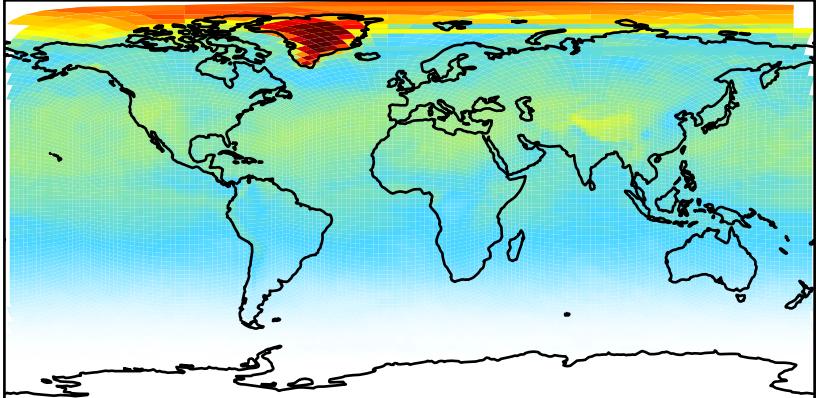
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



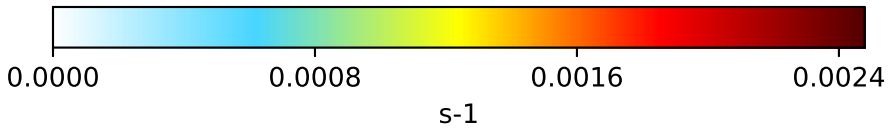
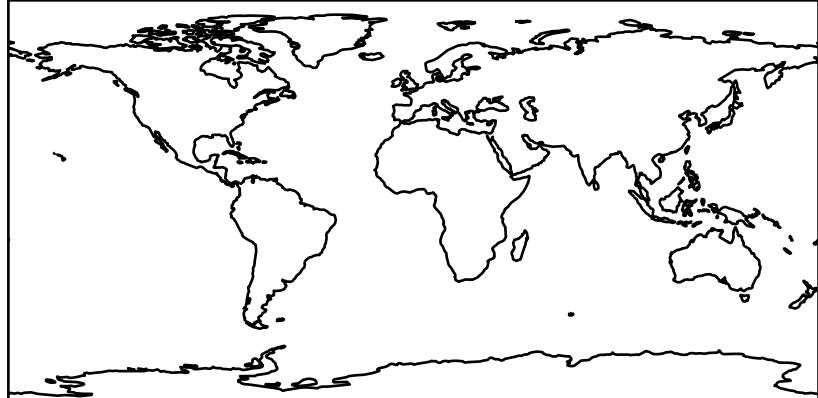
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Jval_CI2

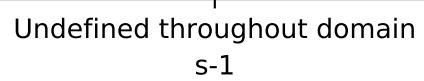
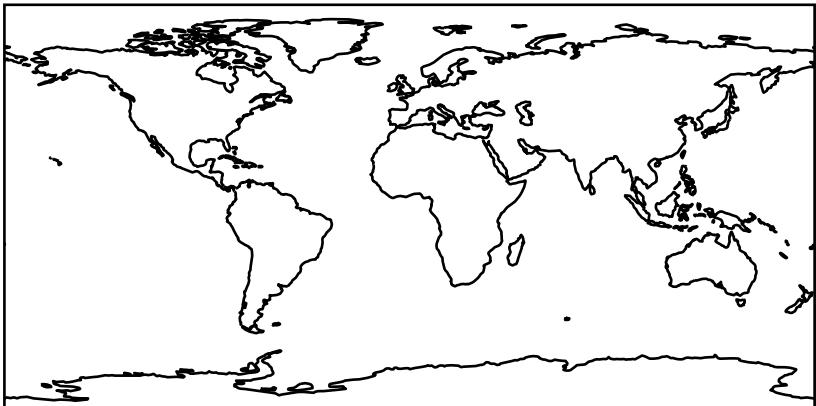
GCHP_12.7.0 (Ref)
c48



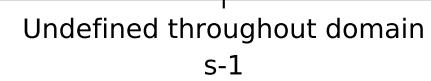
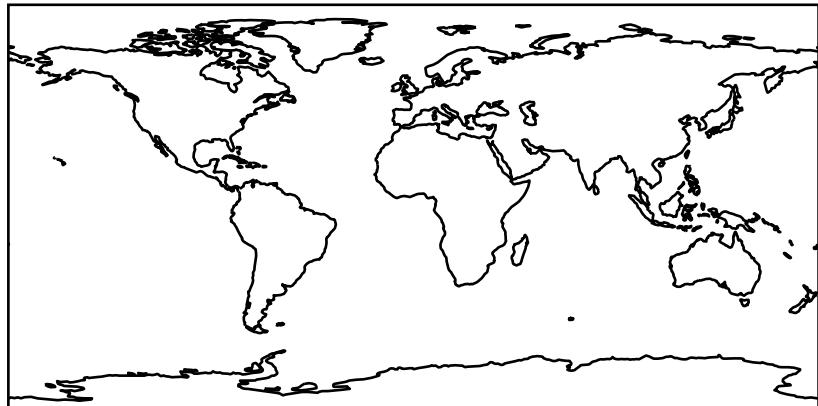
GCHP_12.8.0 (Dev)
c48



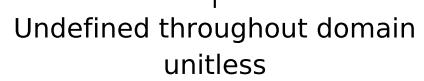
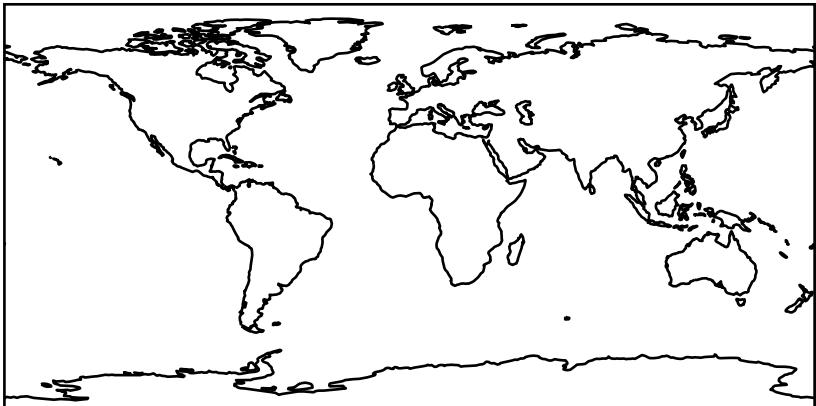
Difference (1x1.25)
Dev - Ref, Dynamic Range



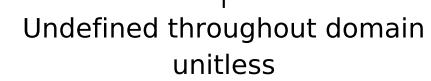
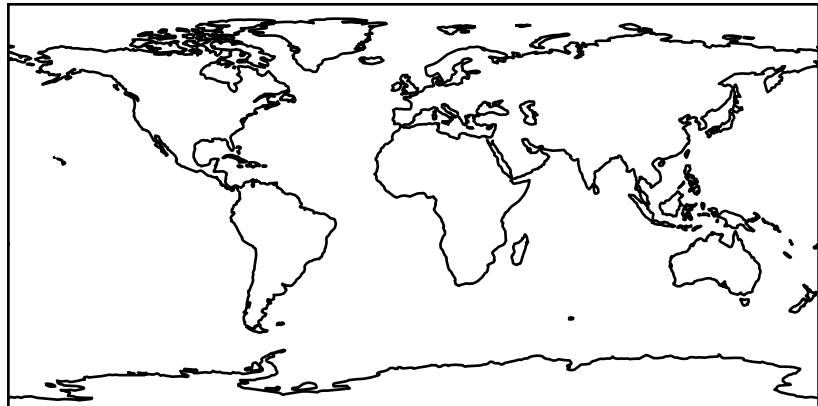
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

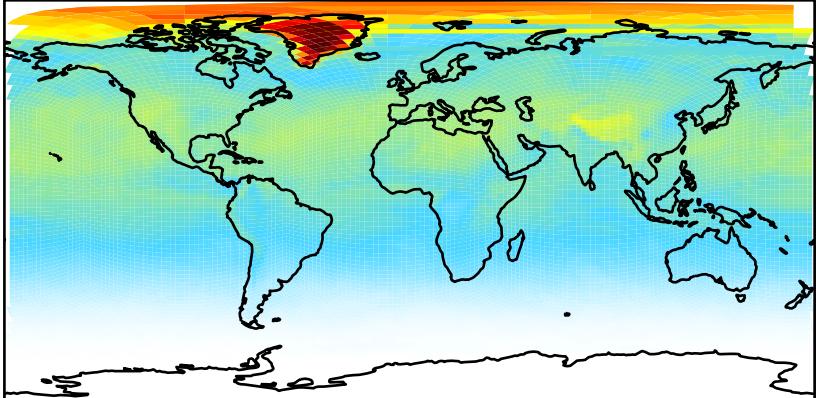


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

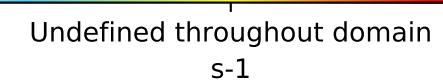
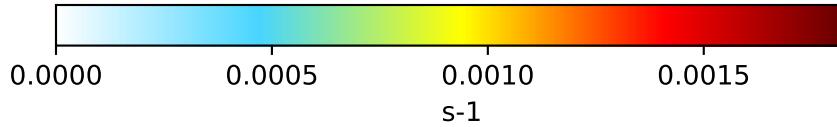
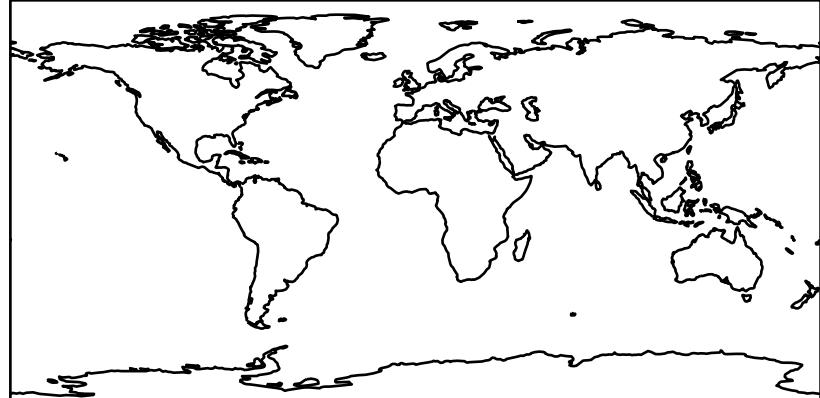


Jval_CI202

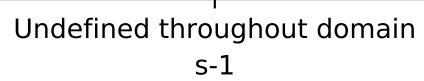
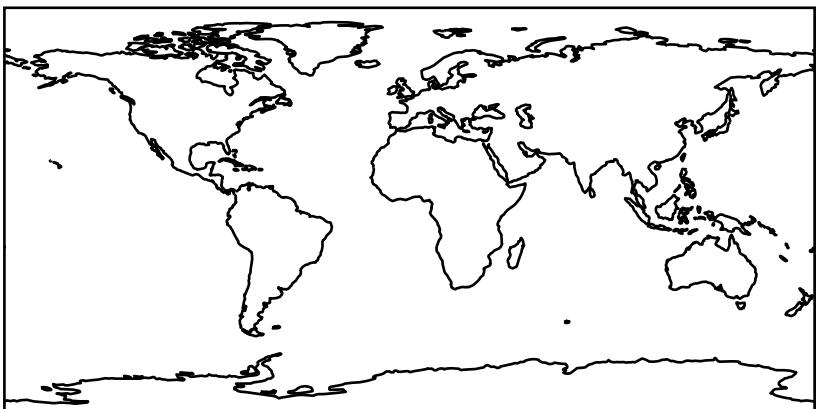
GCHP_12.7.0 (Ref)
c48



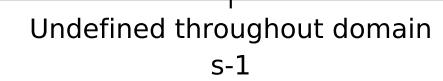
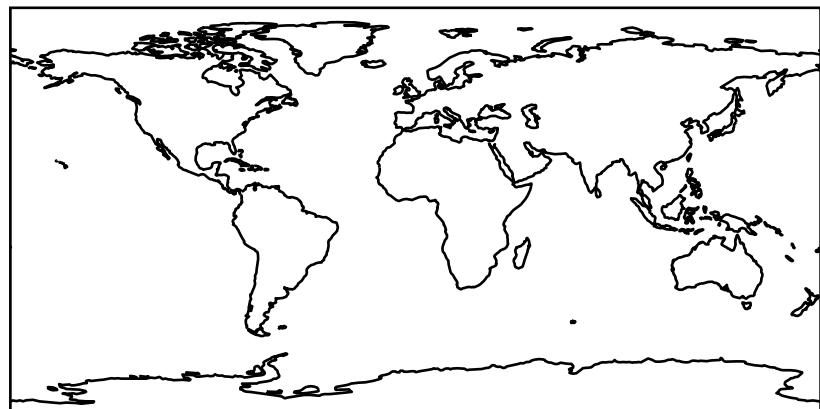
GCHP_12.8.0 (Dev)
c48



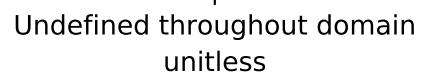
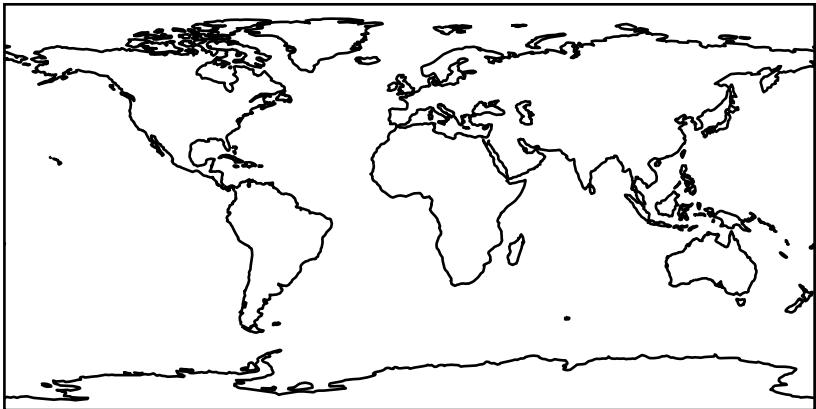
Difference (1x1.25)
Dev - Ref, Dynamic Range



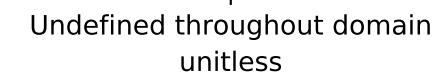
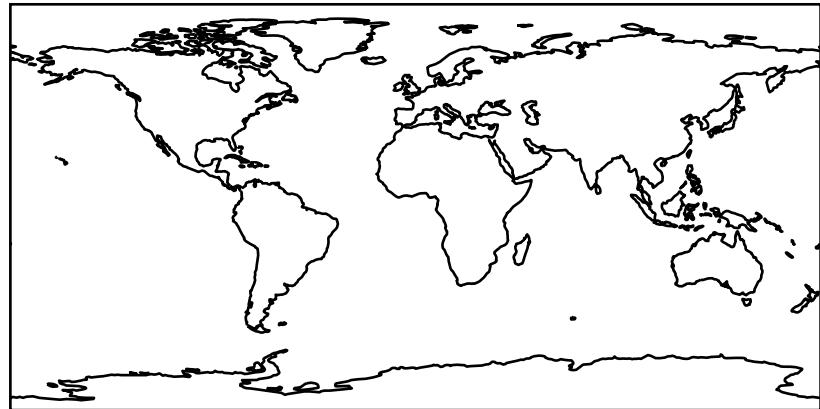
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

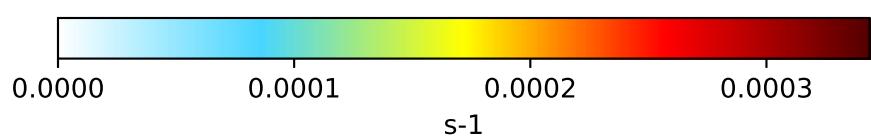
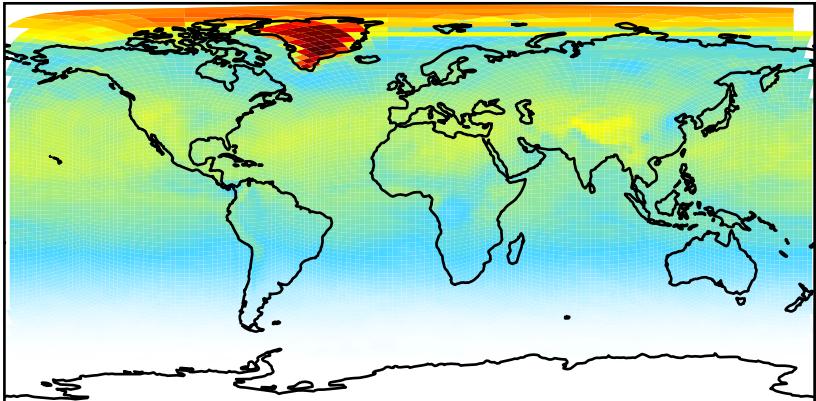


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

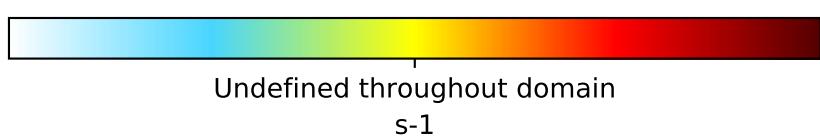
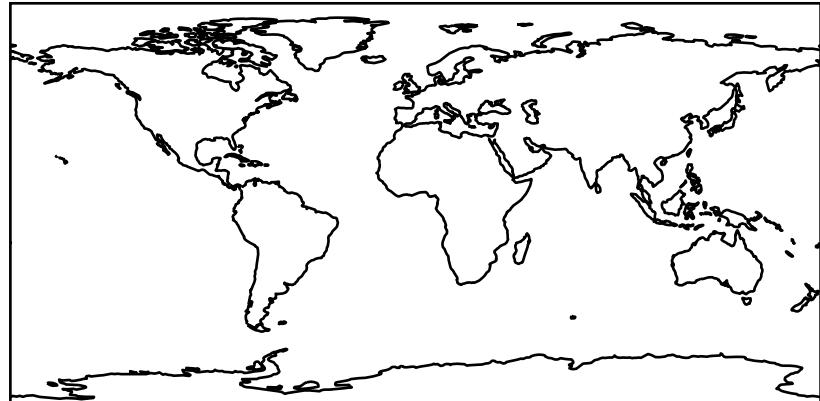


Jval_ClNO2

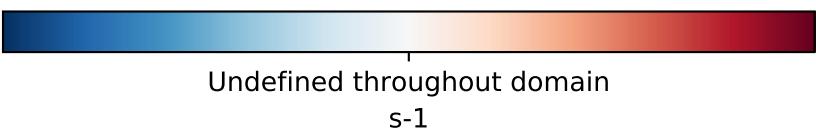
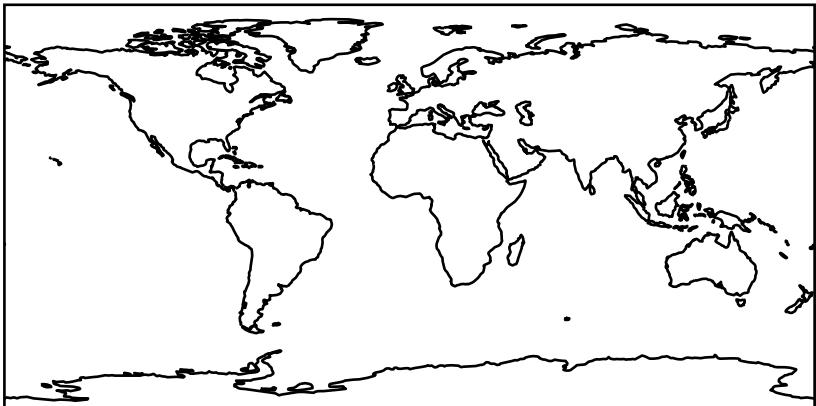
GCHP_12.7.0 (Ref)
c48



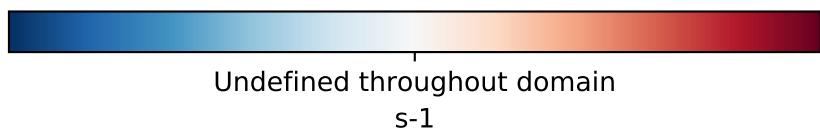
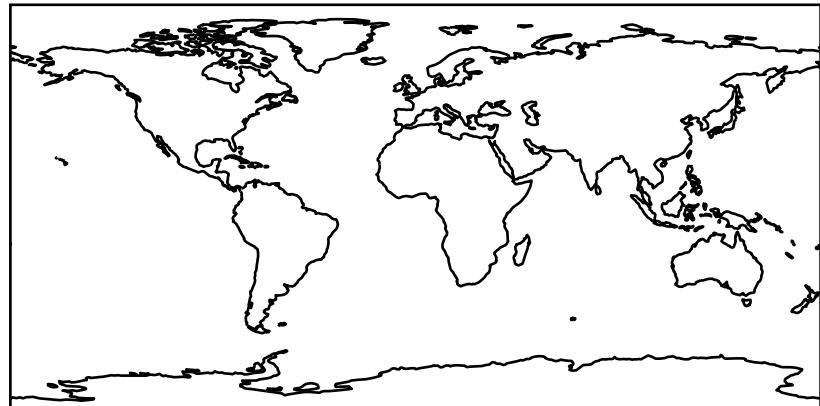
GCHP_12.8.0 (Dev)
c48



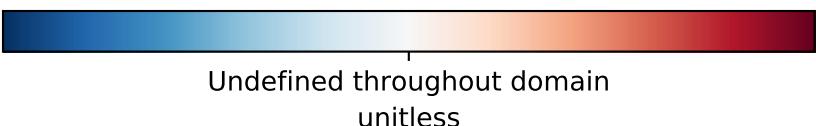
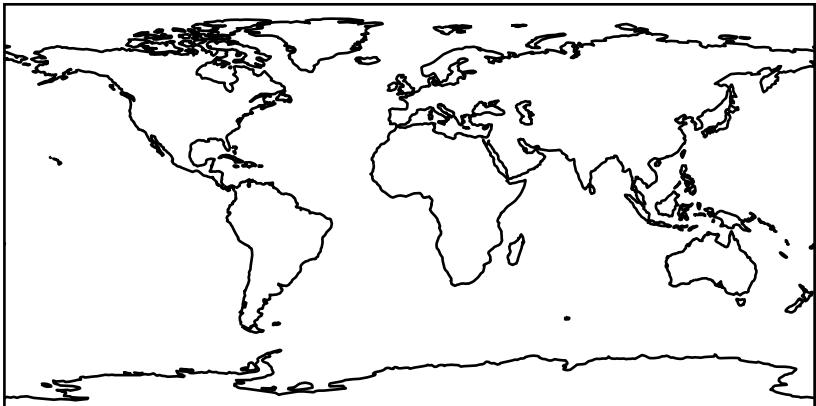
Difference (1x1.25)
Dev - Ref, Dynamic Range



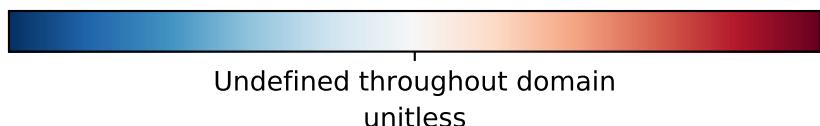
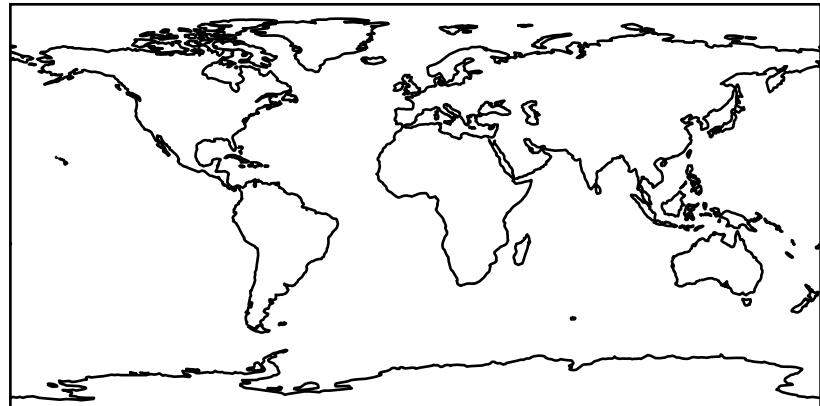
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



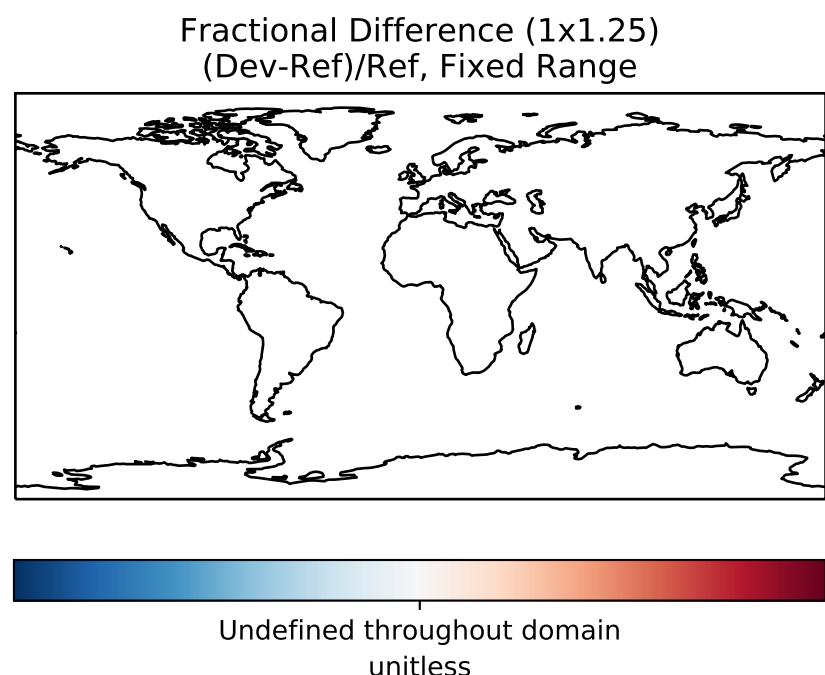
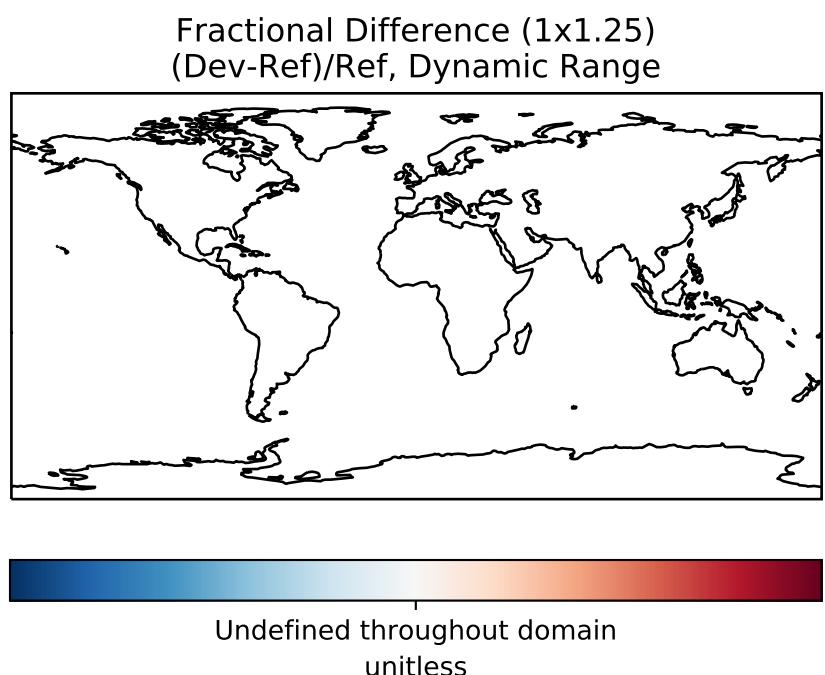
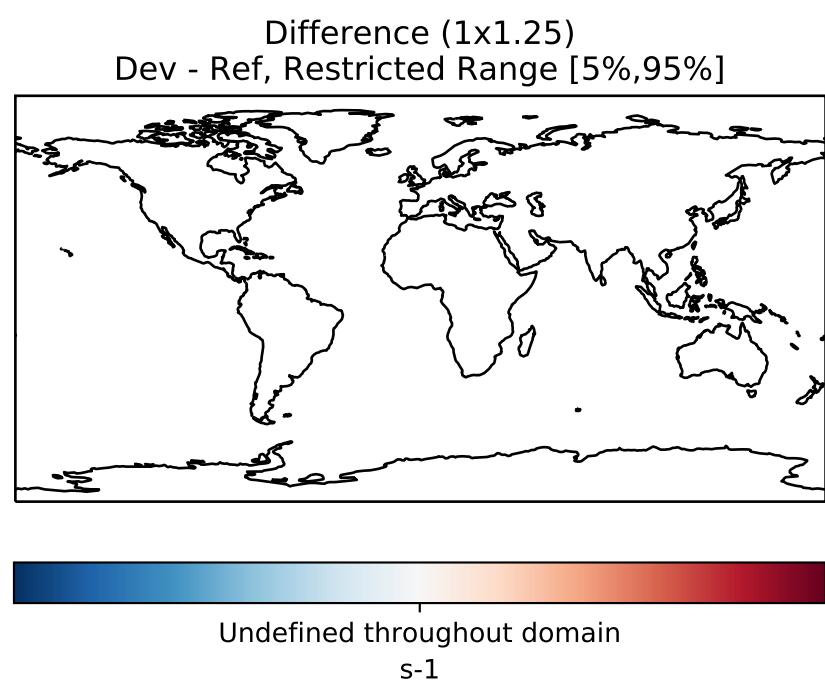
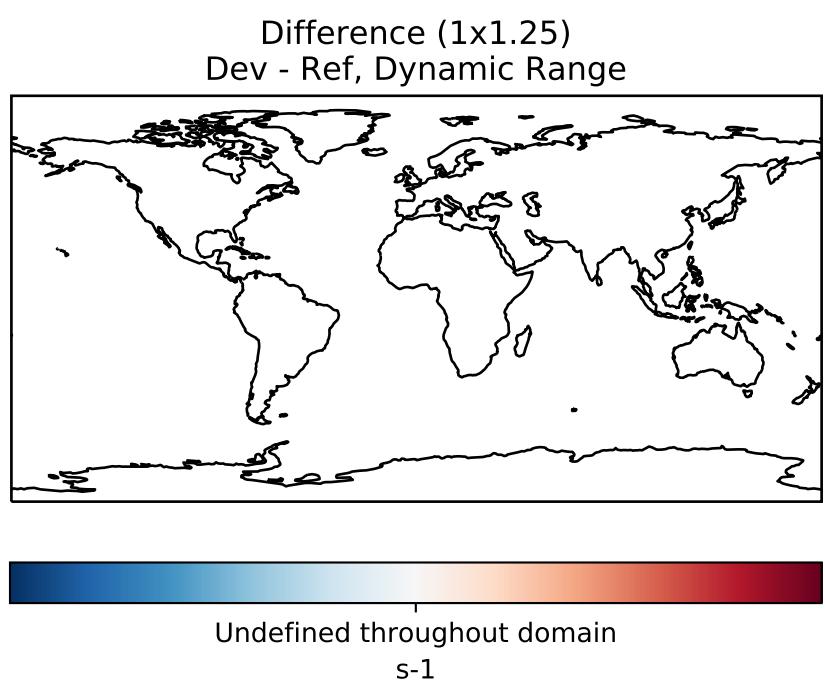
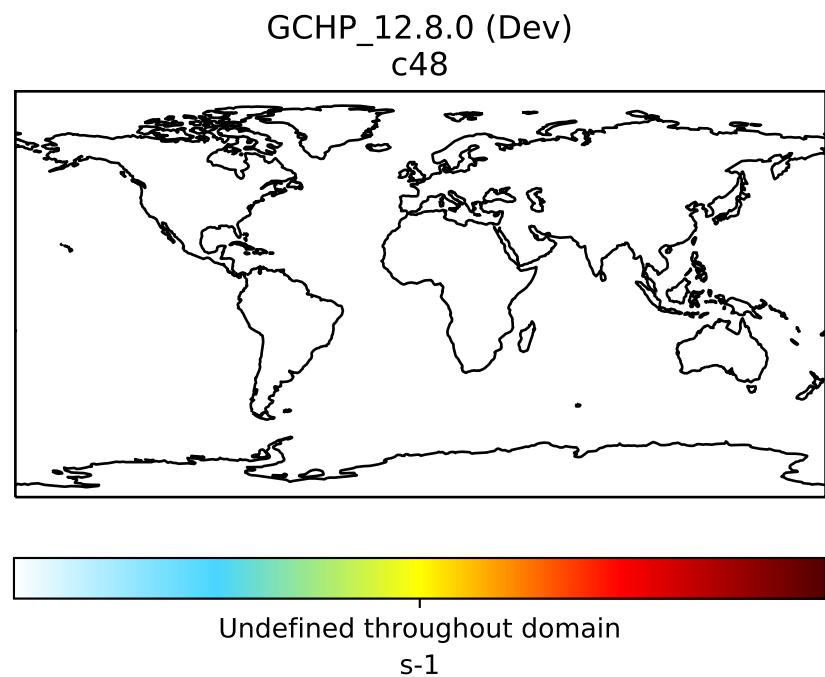
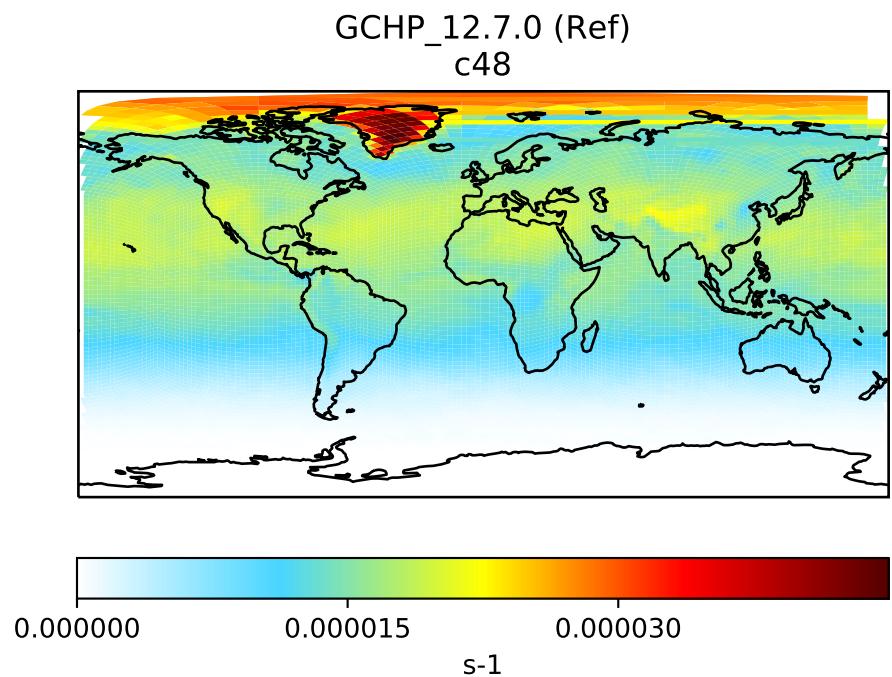
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



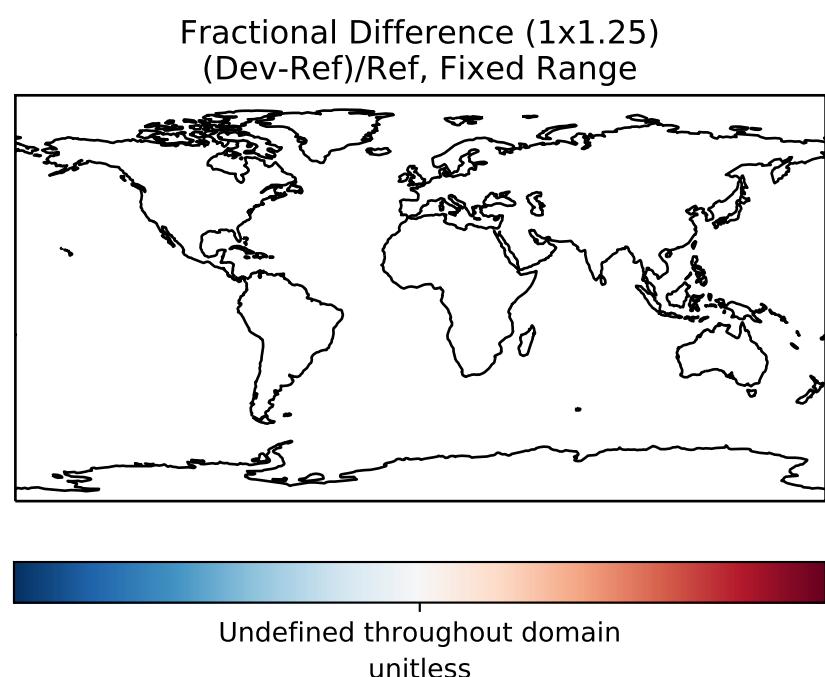
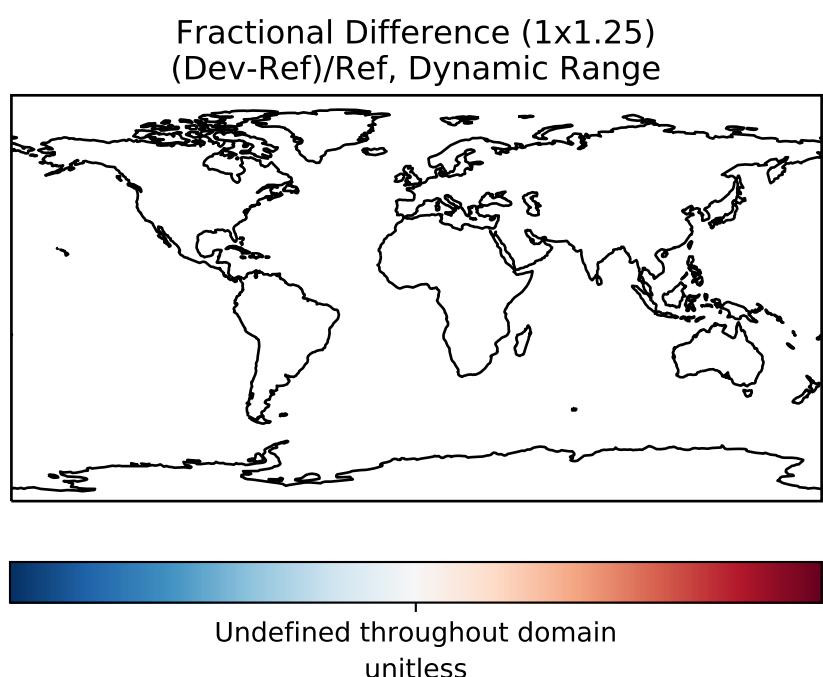
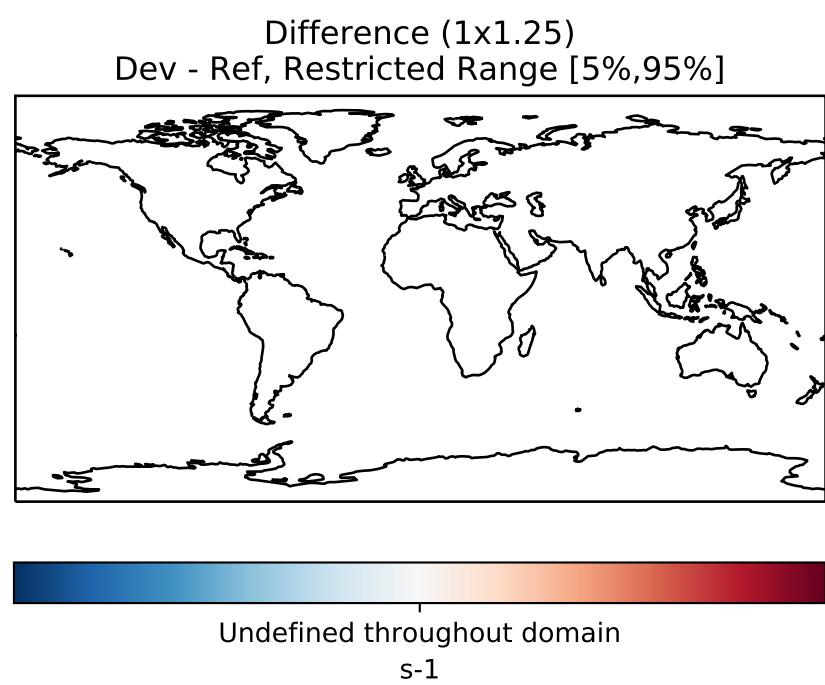
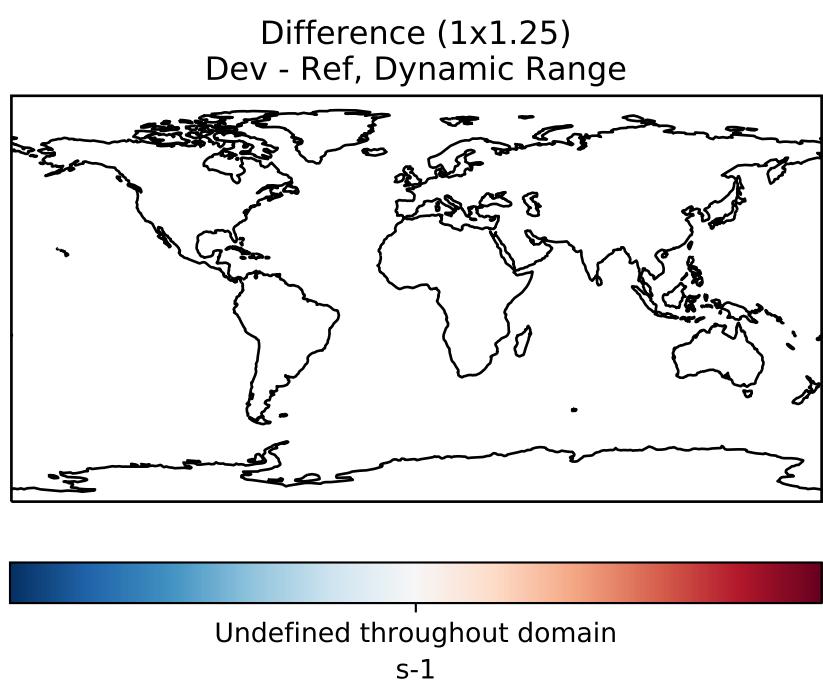
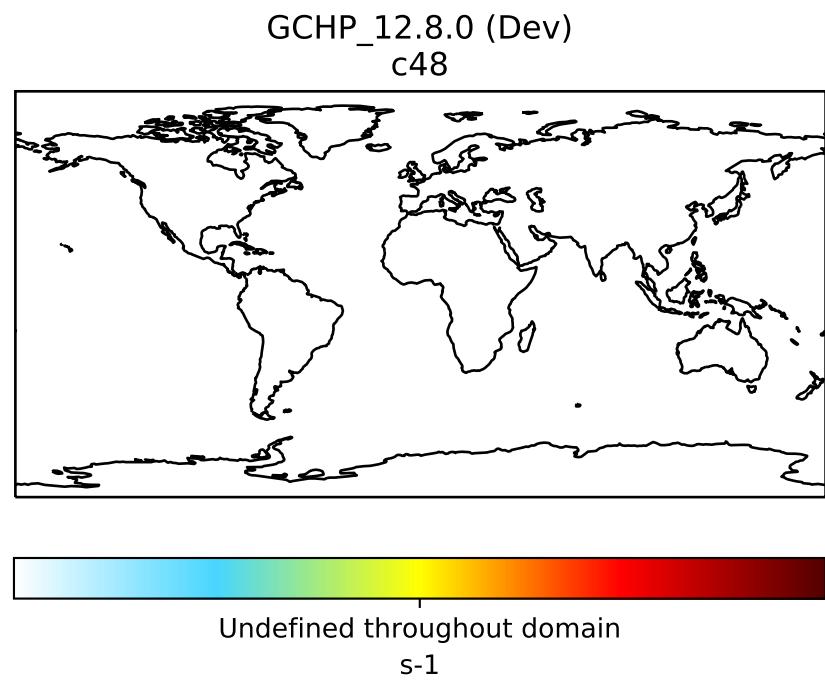
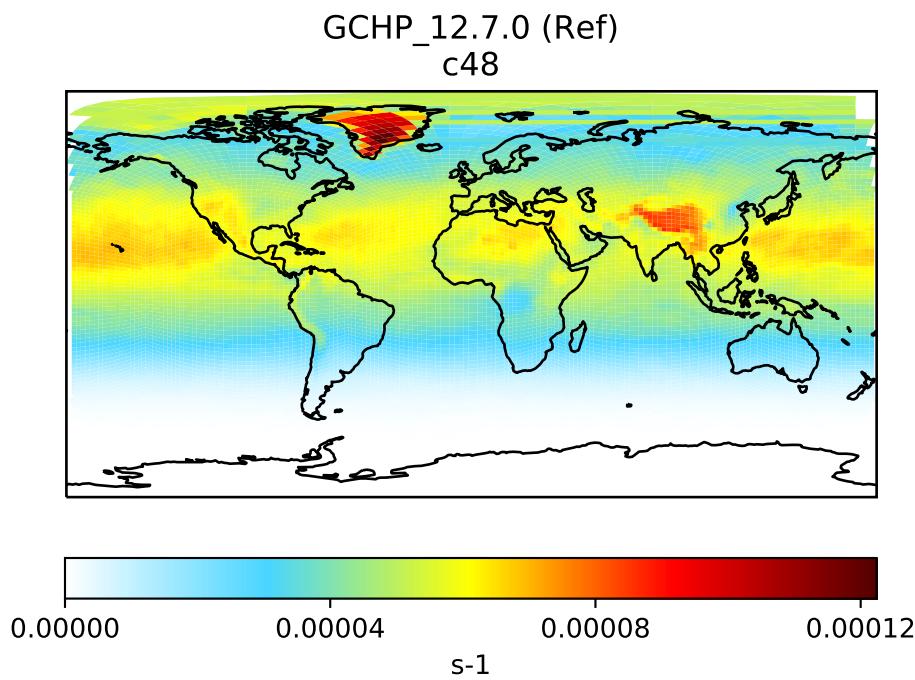
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



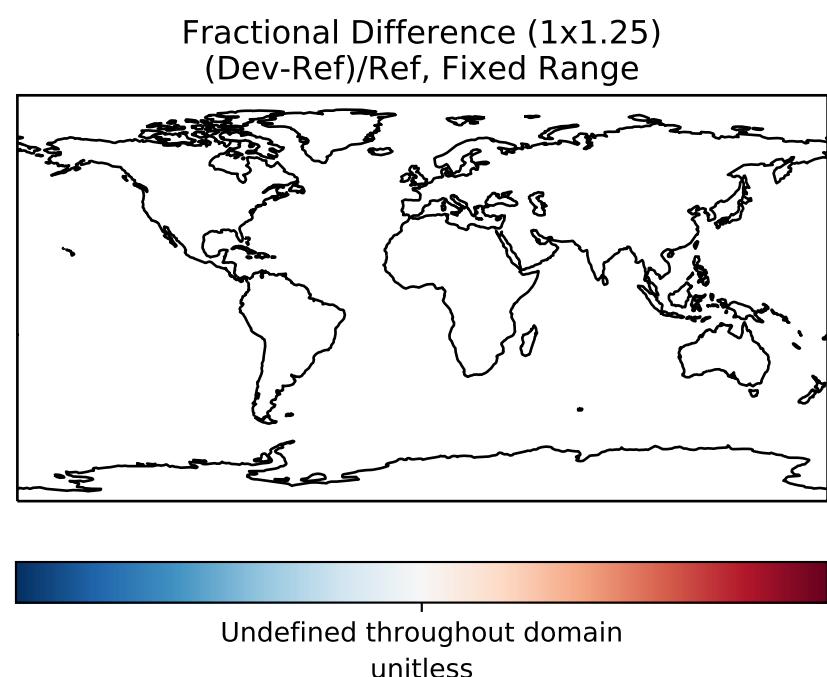
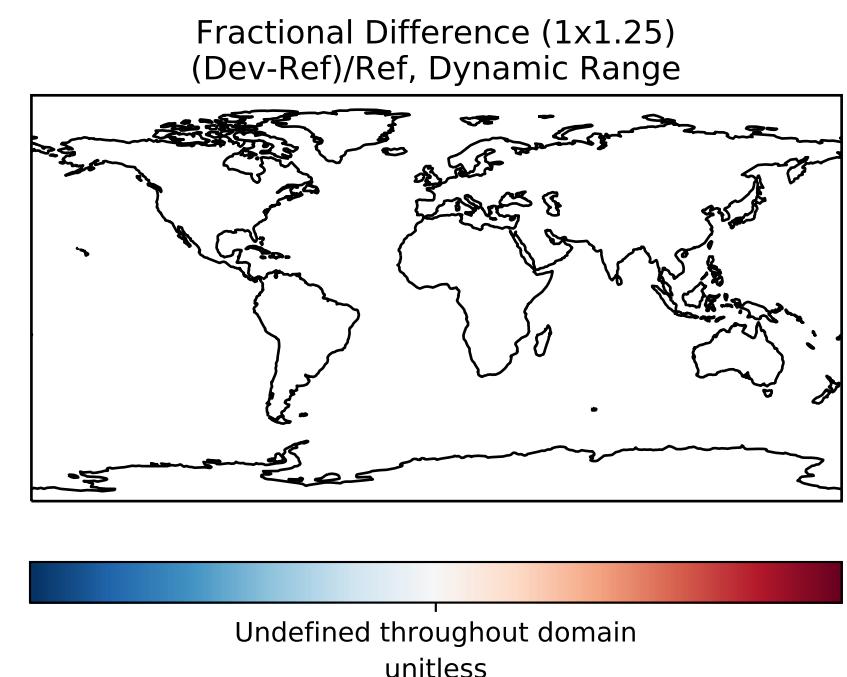
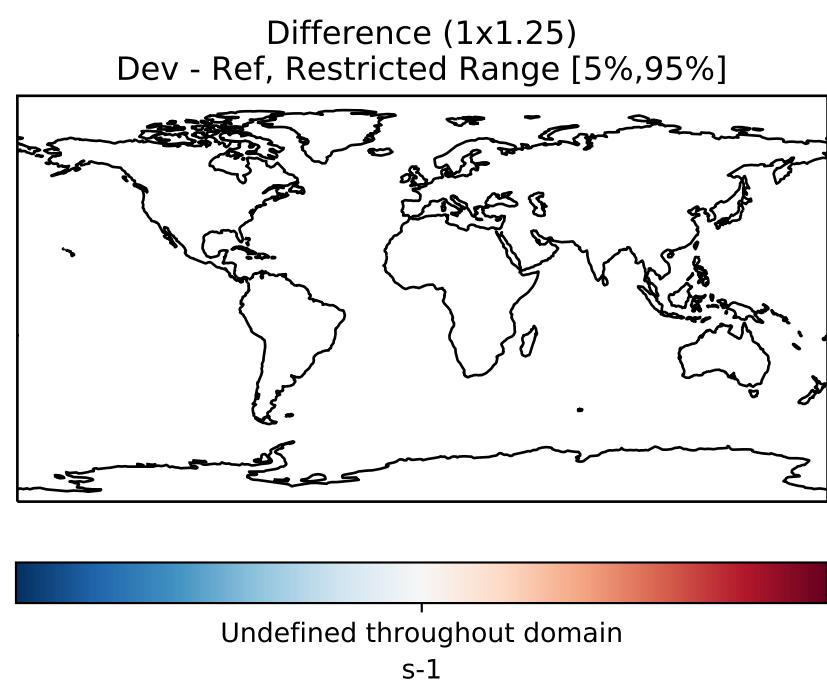
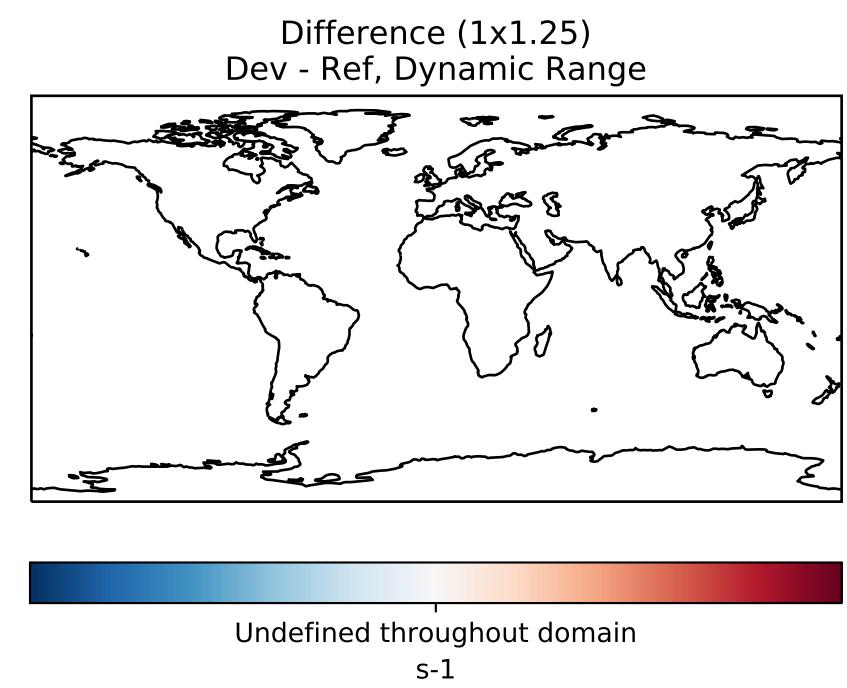
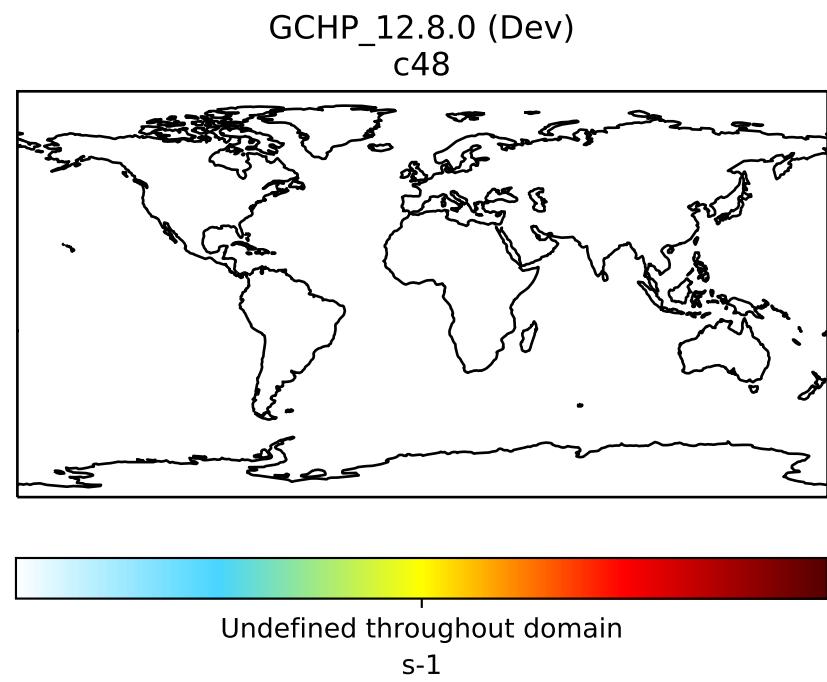
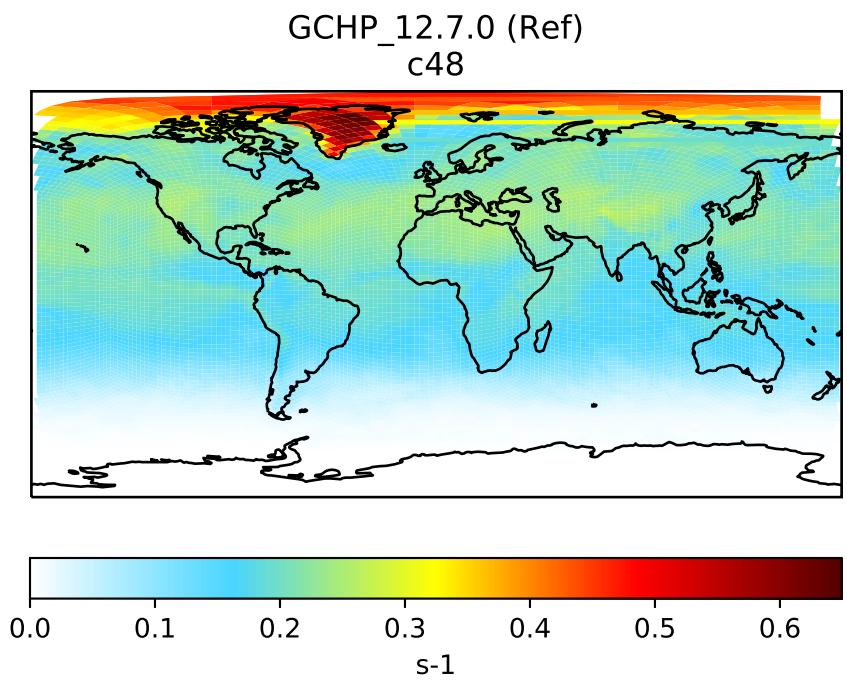
Jval_ClNO3



Jval_CIO

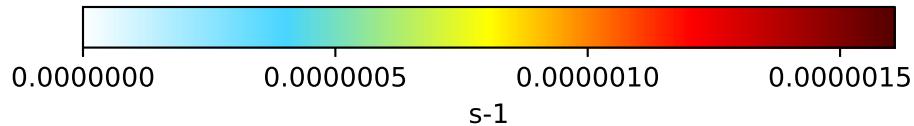
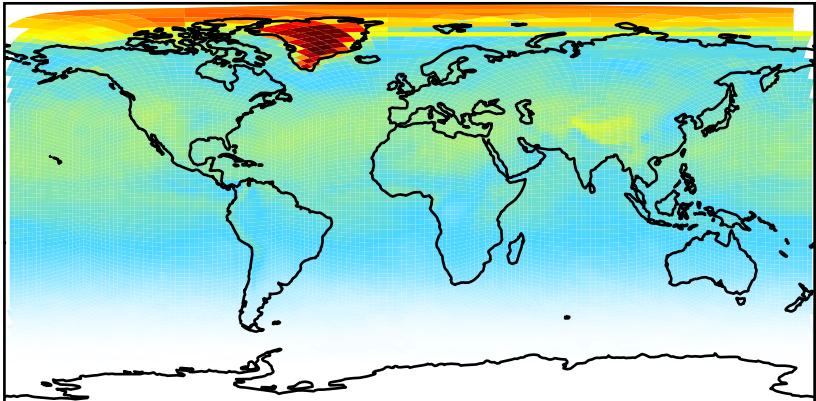


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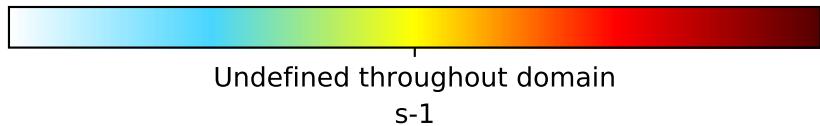


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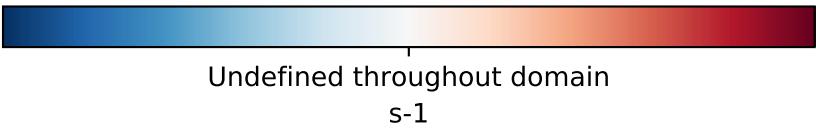
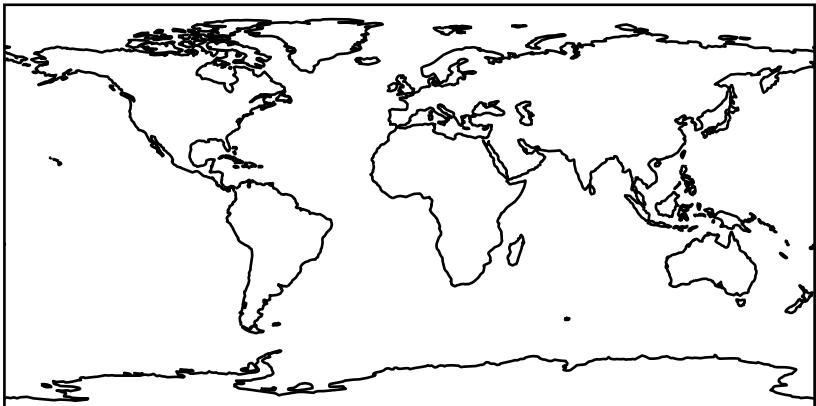
GCHP_12.7.0 (Ref)
c48



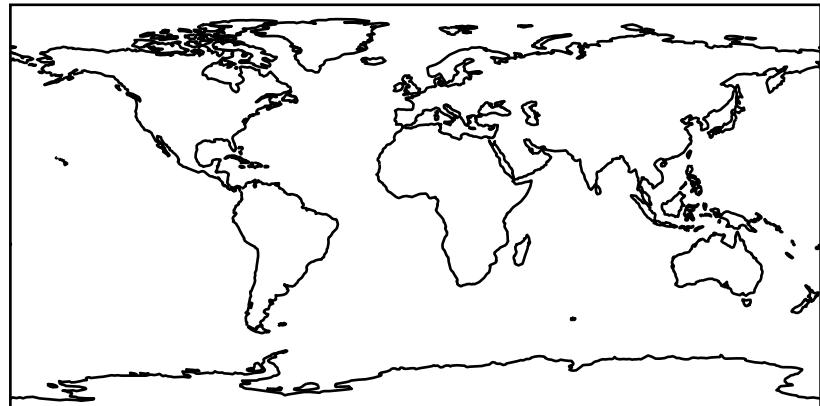
GCHP_12.8.0 (Dev)
c48



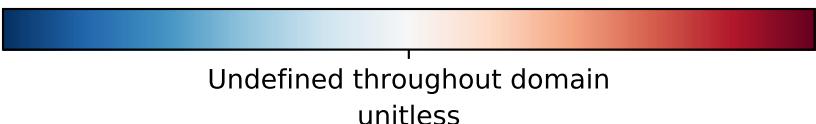
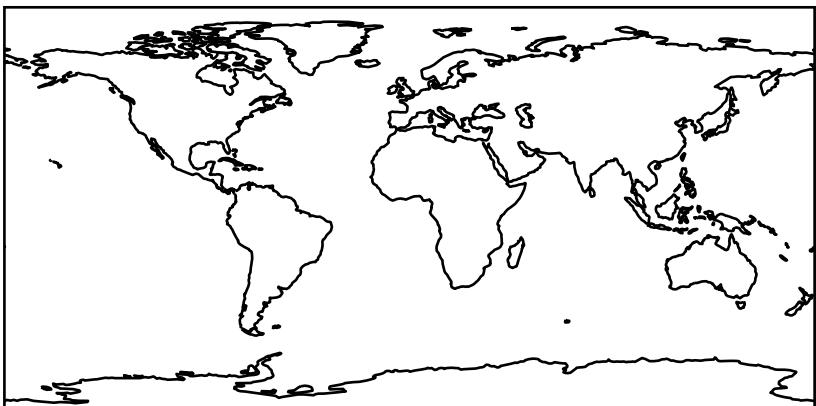
Difference (1x1.25)
Dev - Ref, Dynamic Range



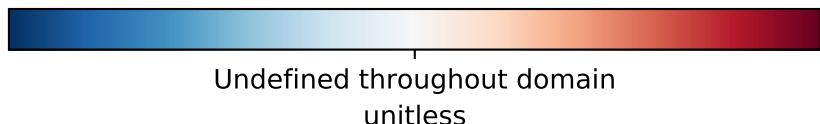
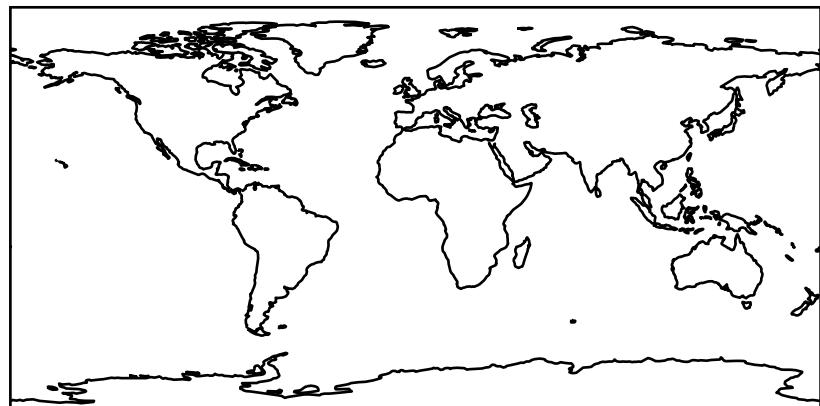
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



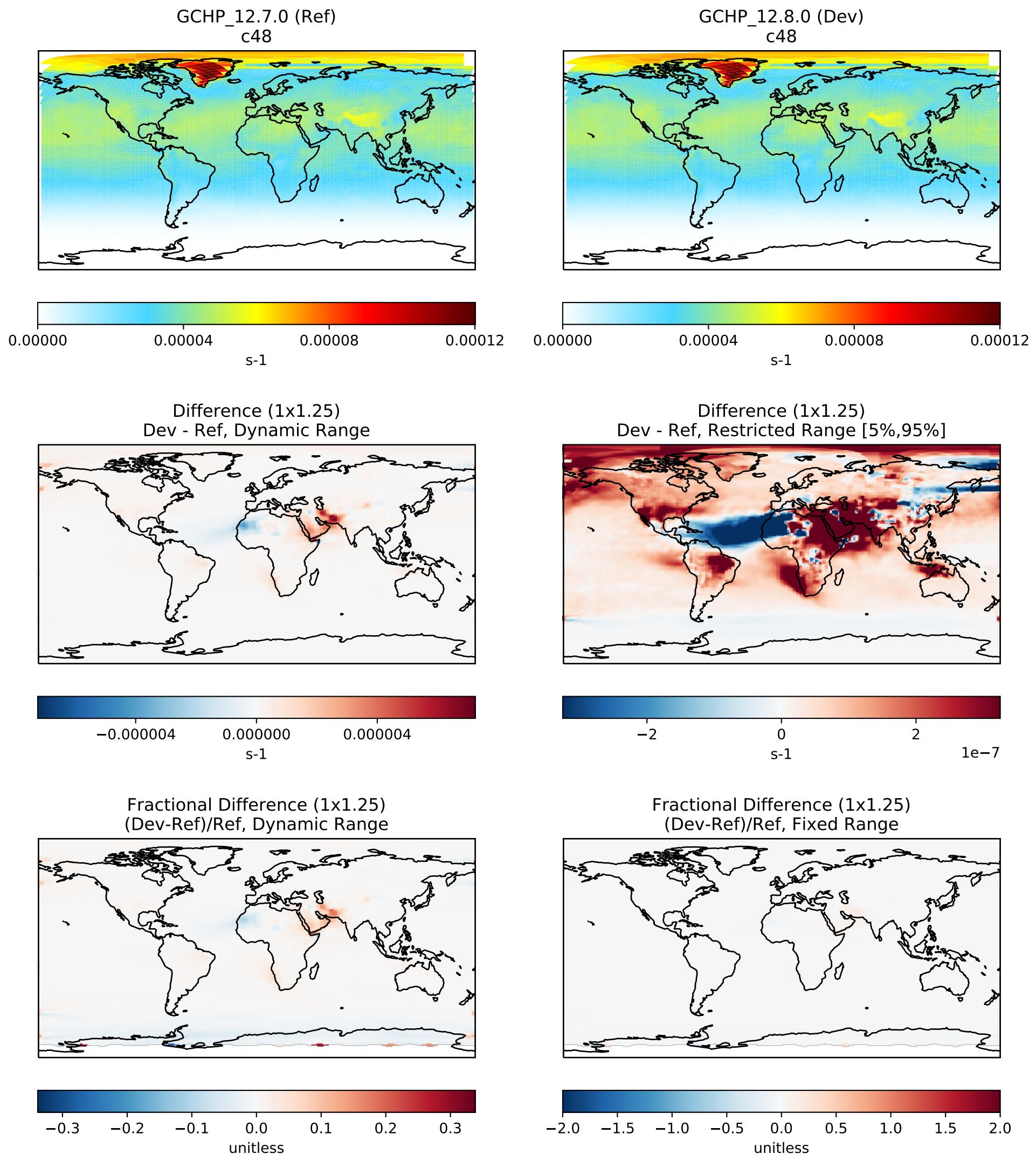
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

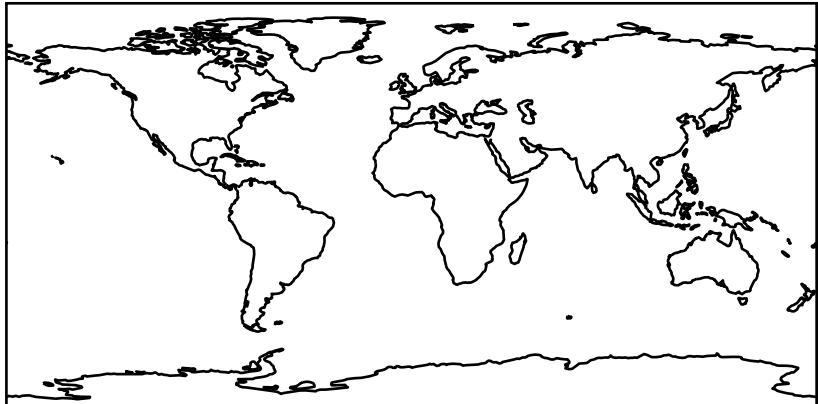


Jval_ETHLN



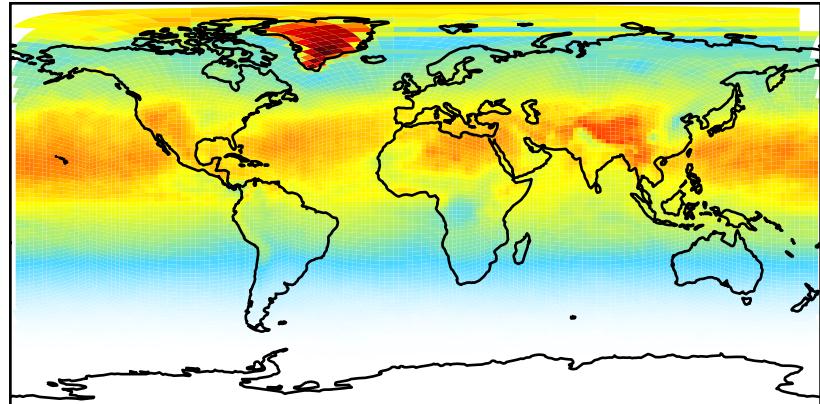
Jval_ETNO3

GCHP_12.7.0 (Ref)
c48



Undefined throughout domain
s-1

GCHP_12.8.0 (Dev)
c48



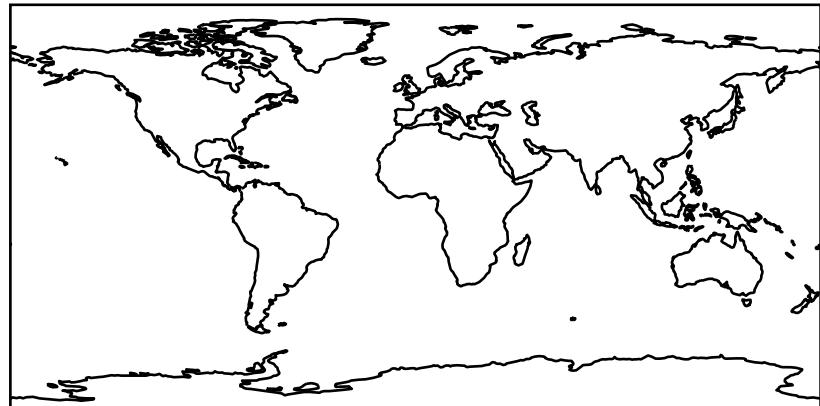
0.0 2.5 5.0 7.5 1e-7
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



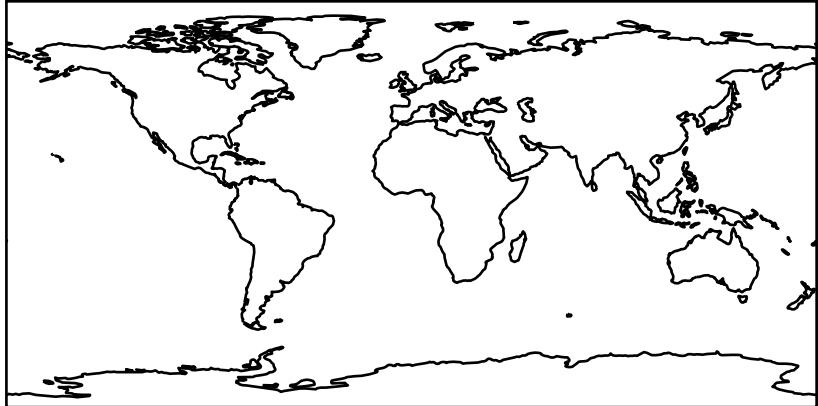
Undefined throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



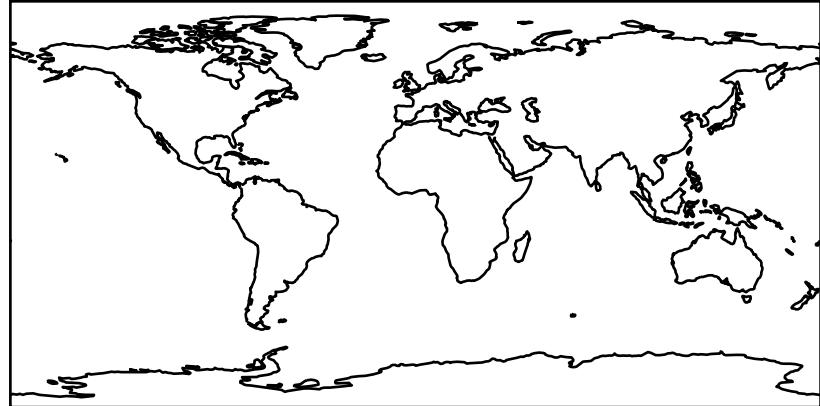
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s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



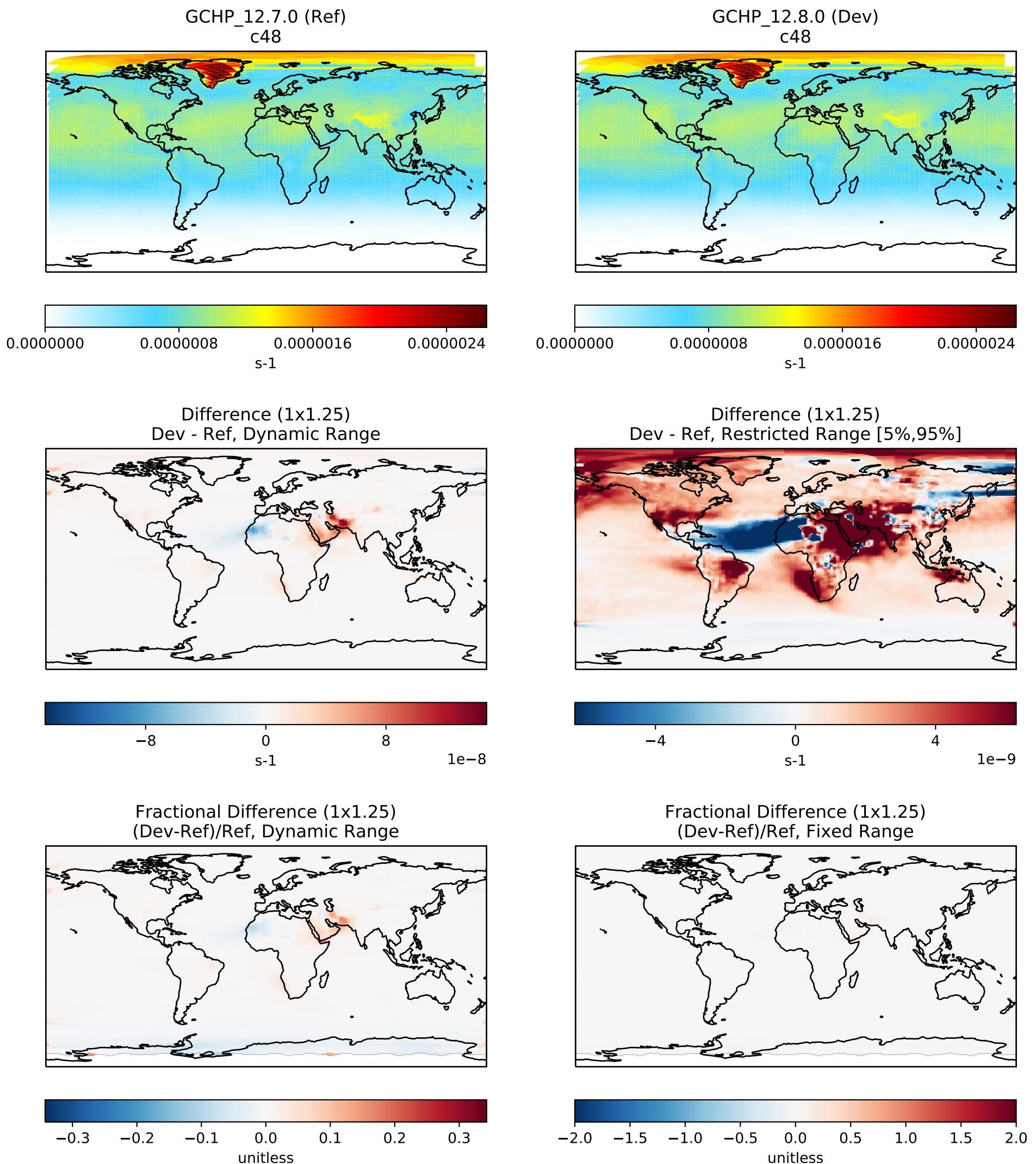
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

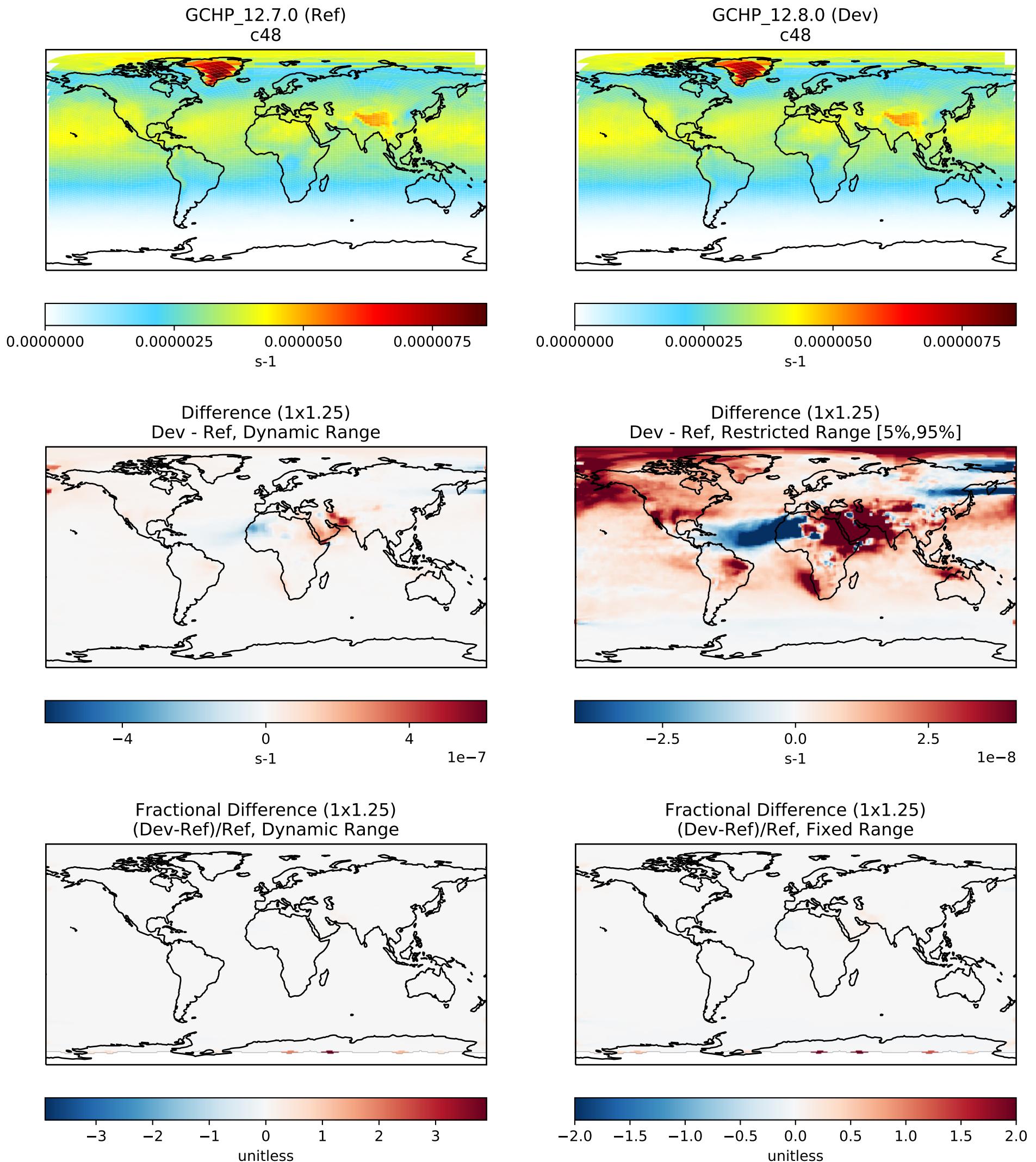


Undefined throughout domain
unitless

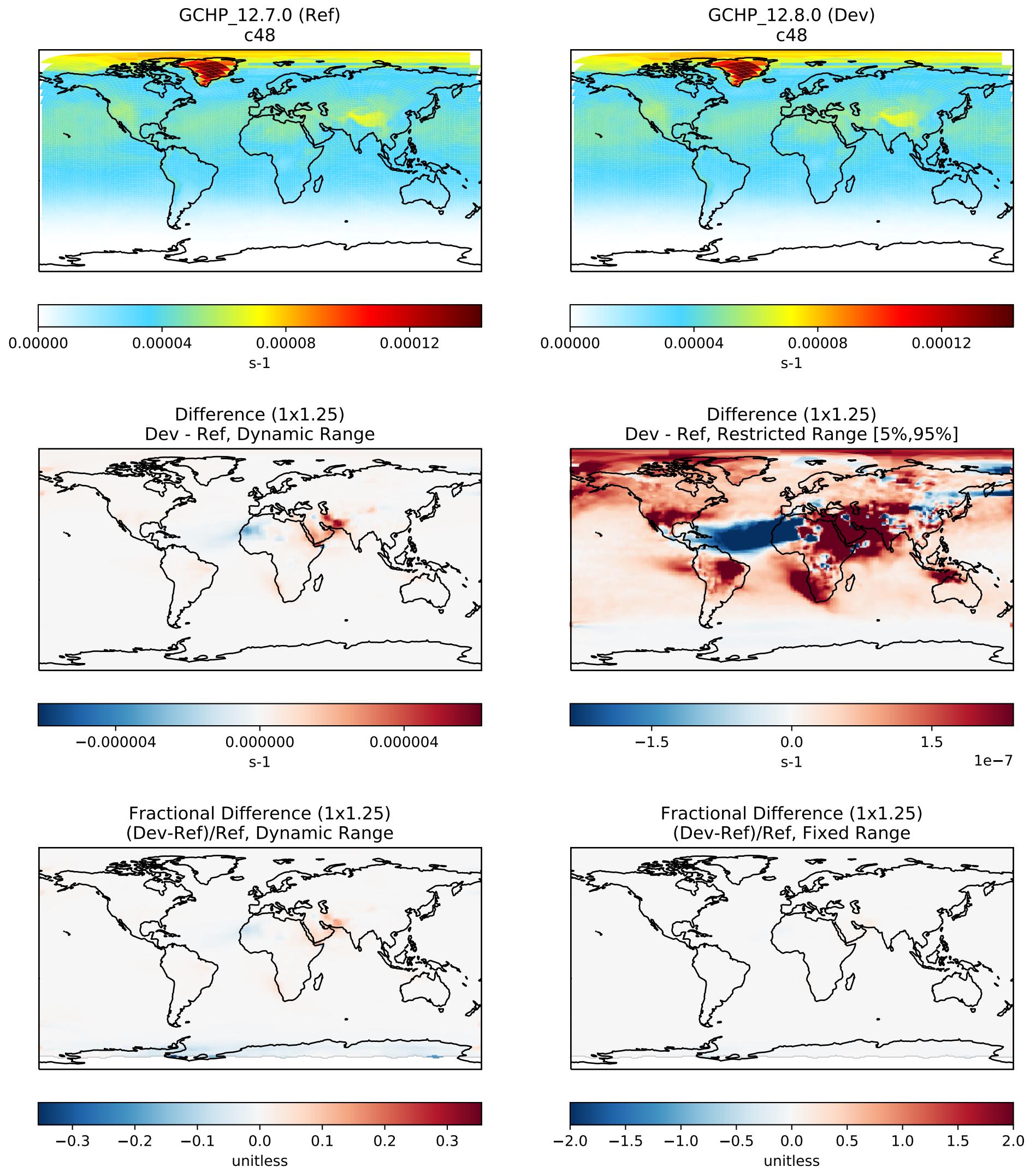
Jval_ETP



Jval_GLYC

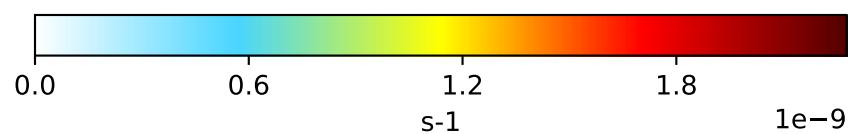
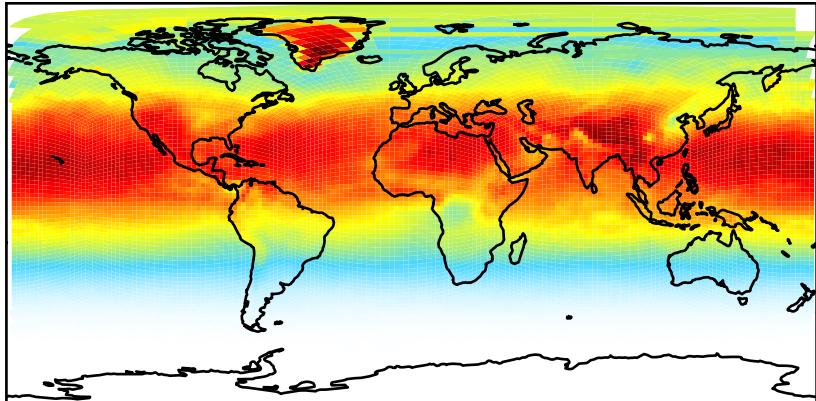


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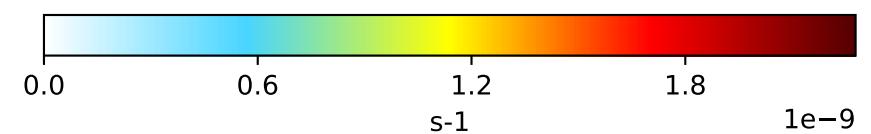
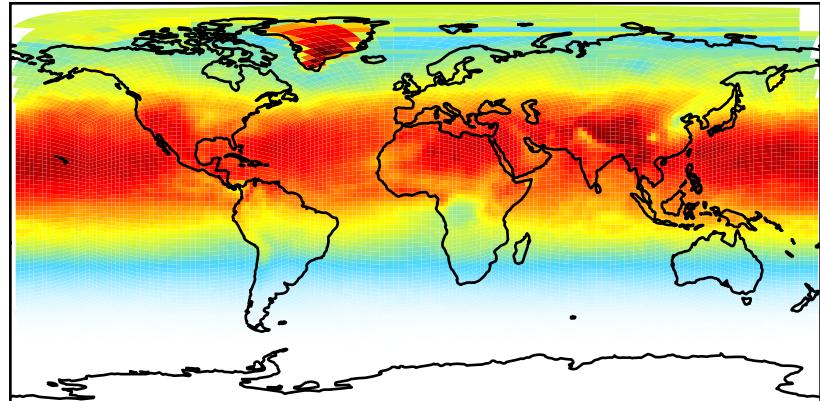


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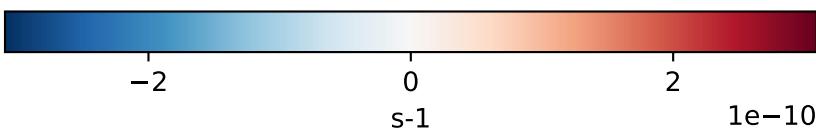
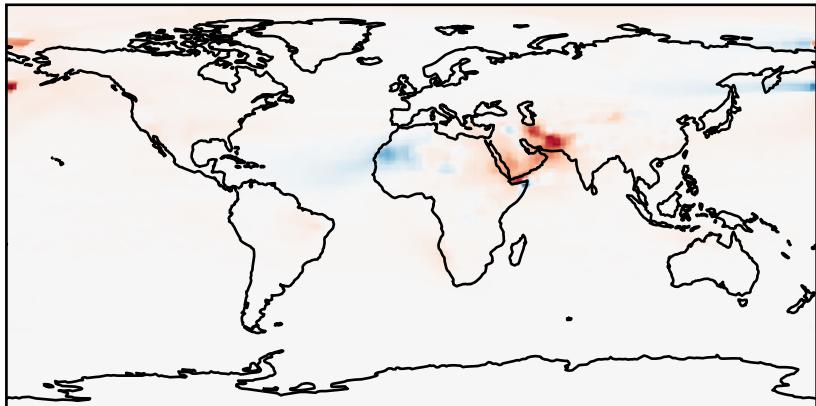
GCHP_12.7.0 (Ref)
c48



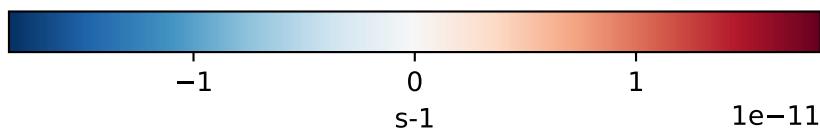
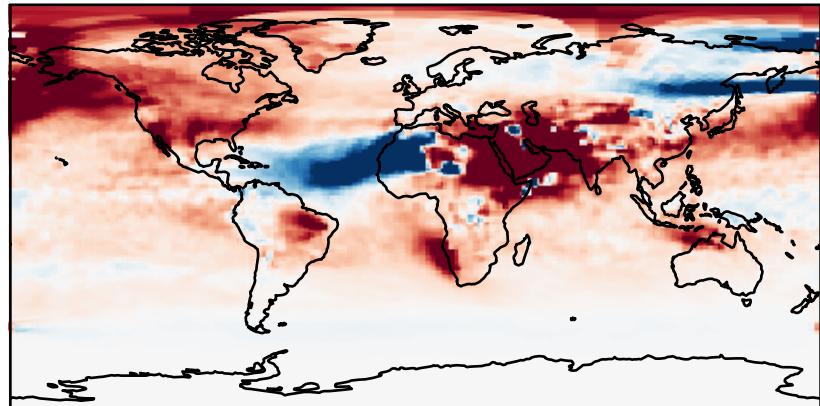
GCHP_12.8.0 (Dev)
c48



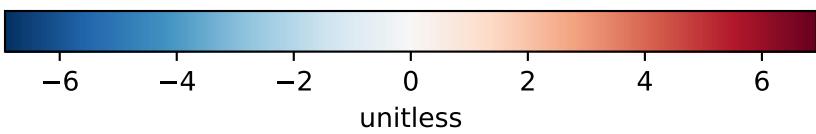
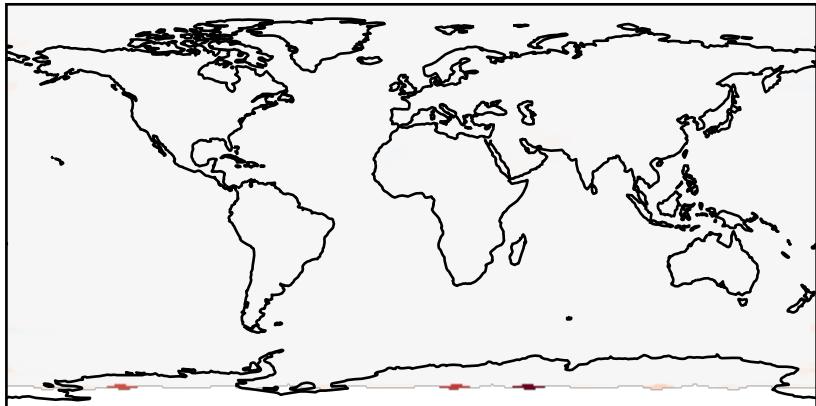
Difference (1x1.25)
Dev - Ref, Dynamic Range



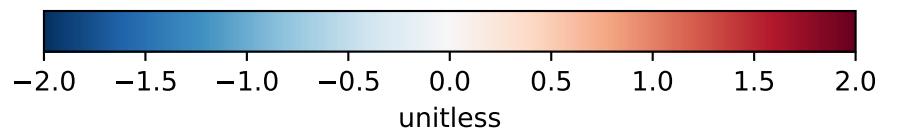
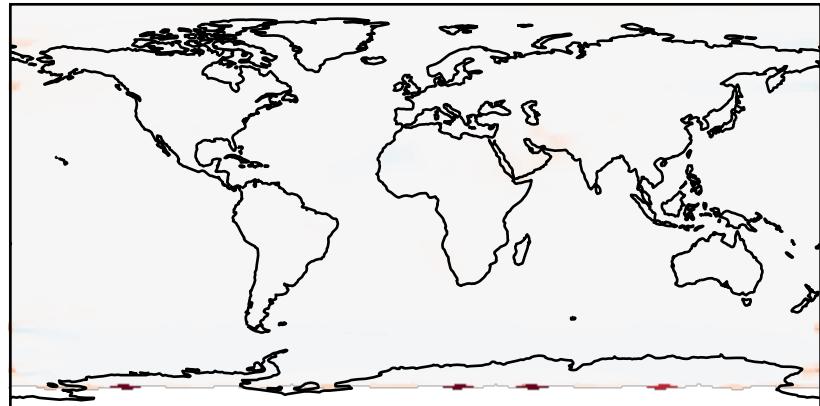
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



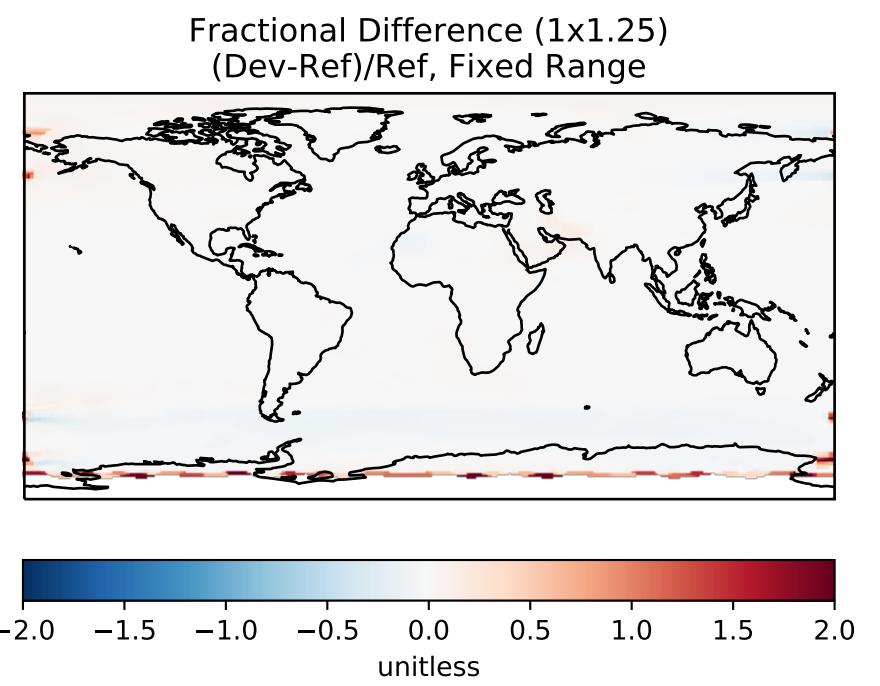
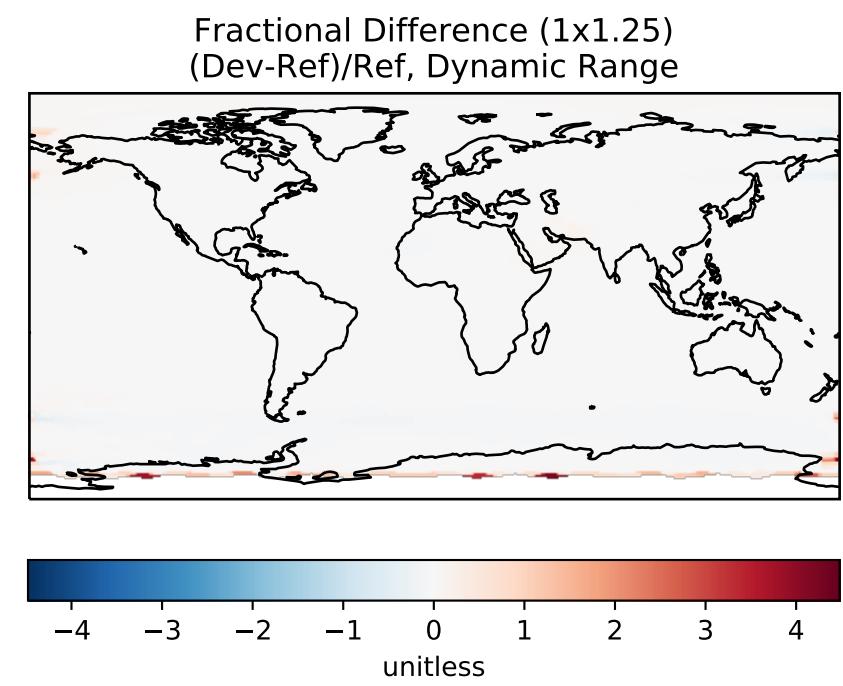
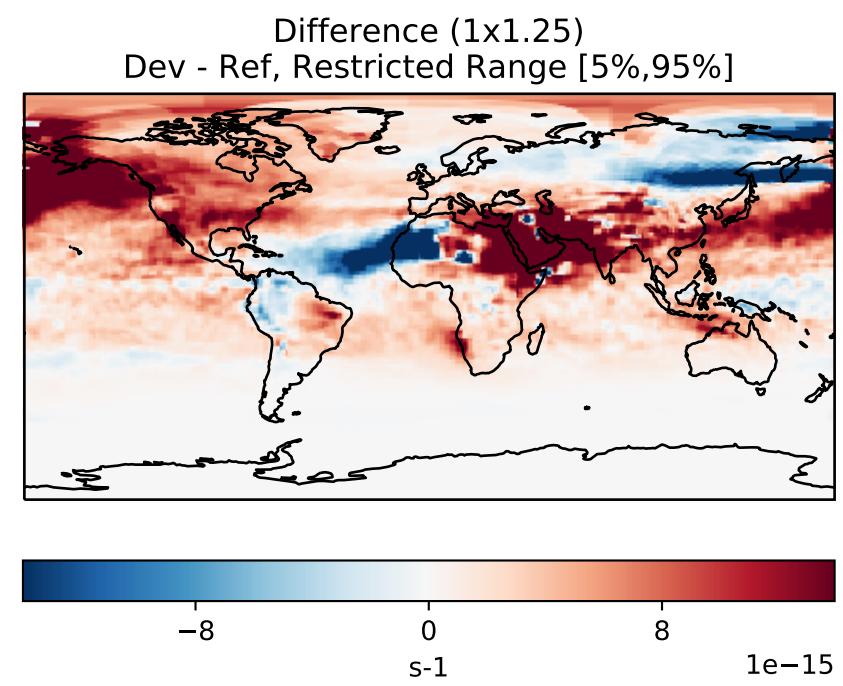
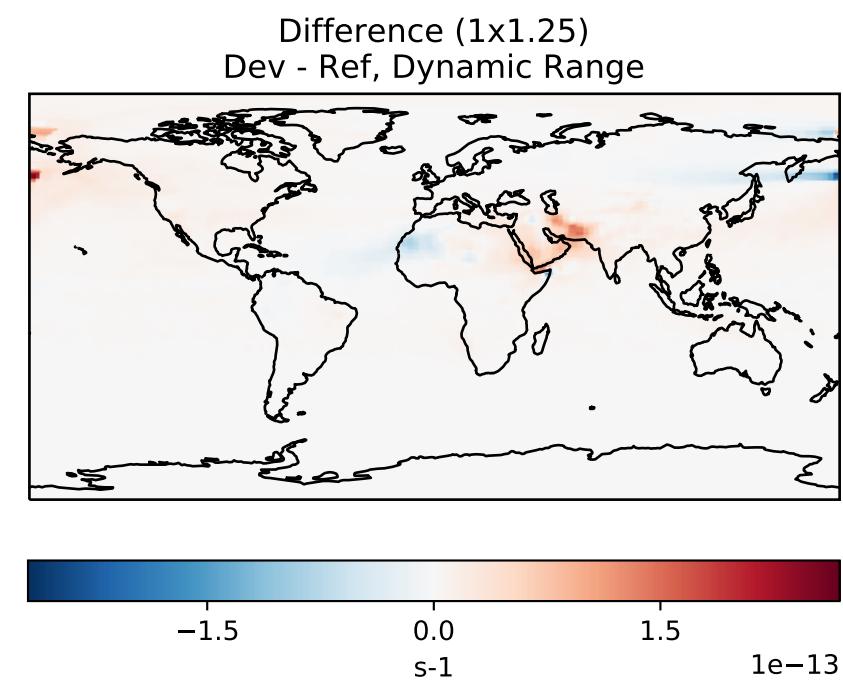
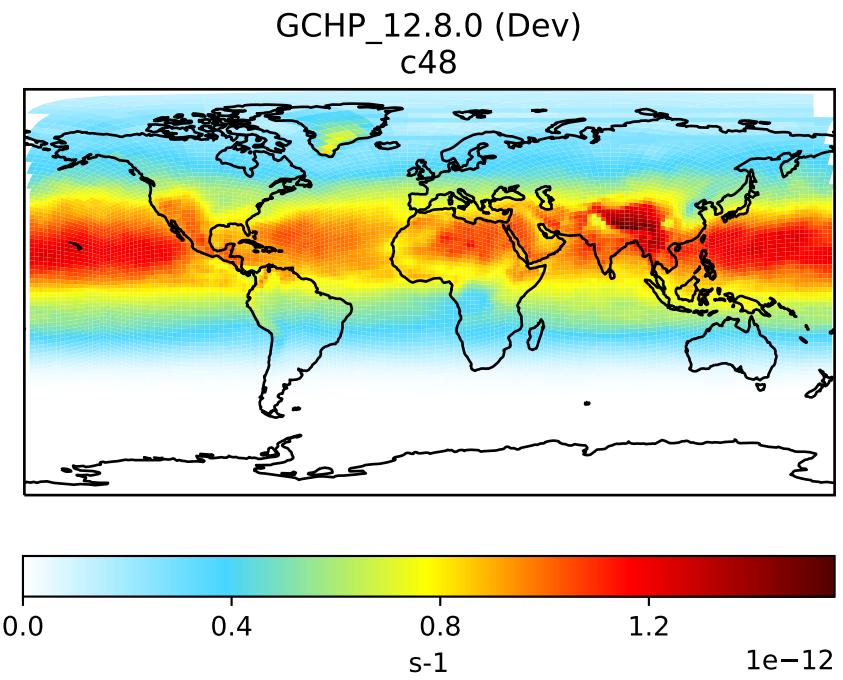
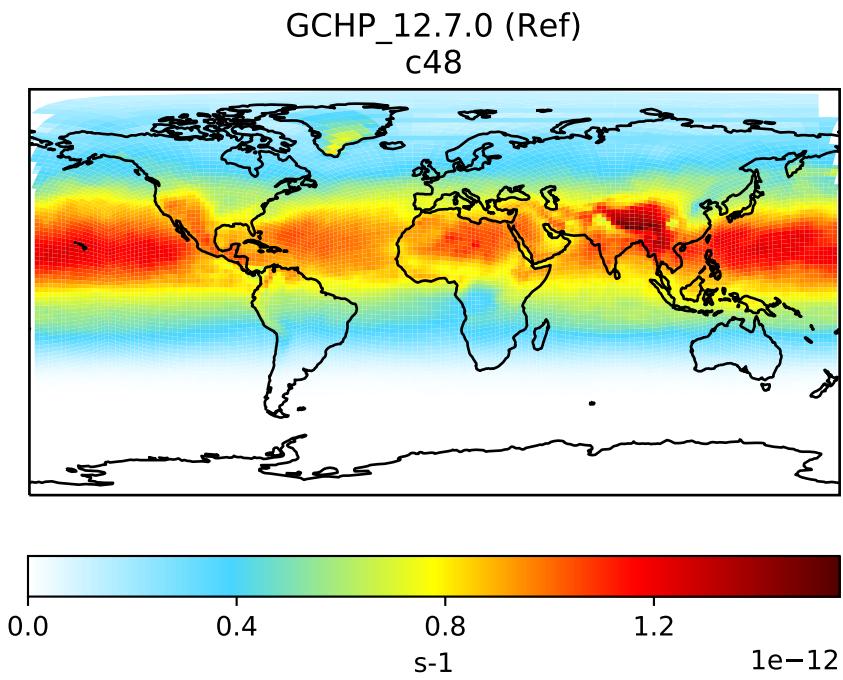
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



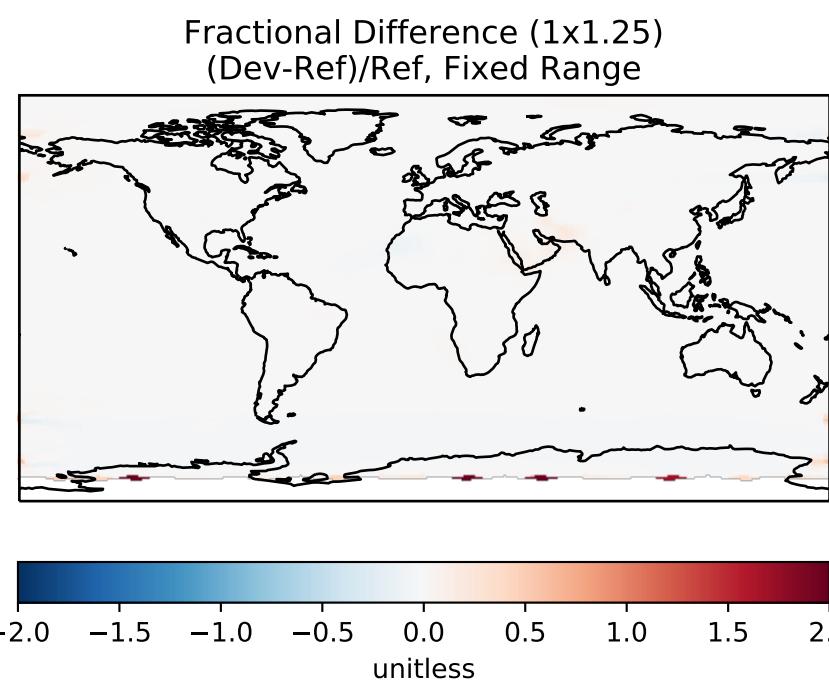
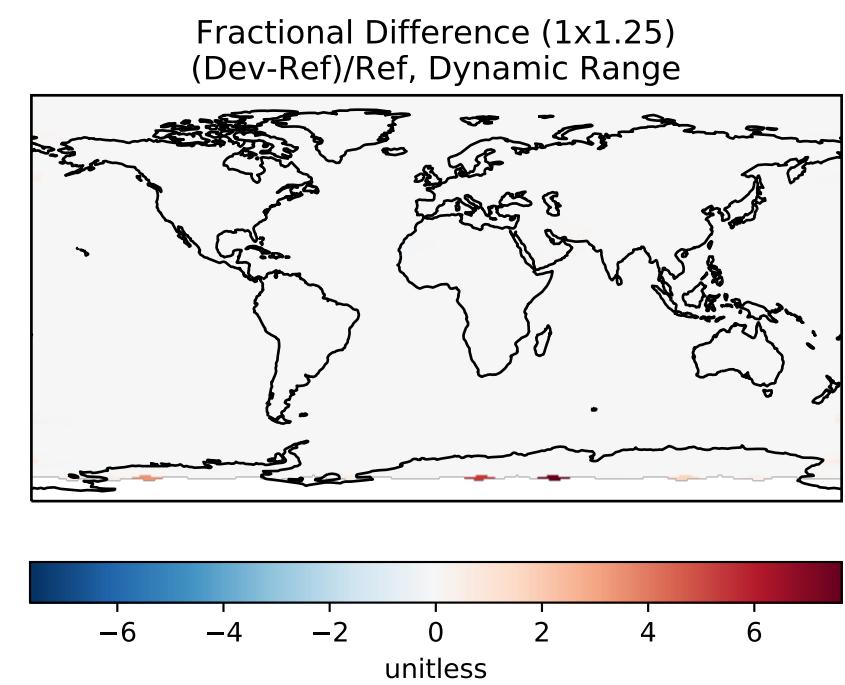
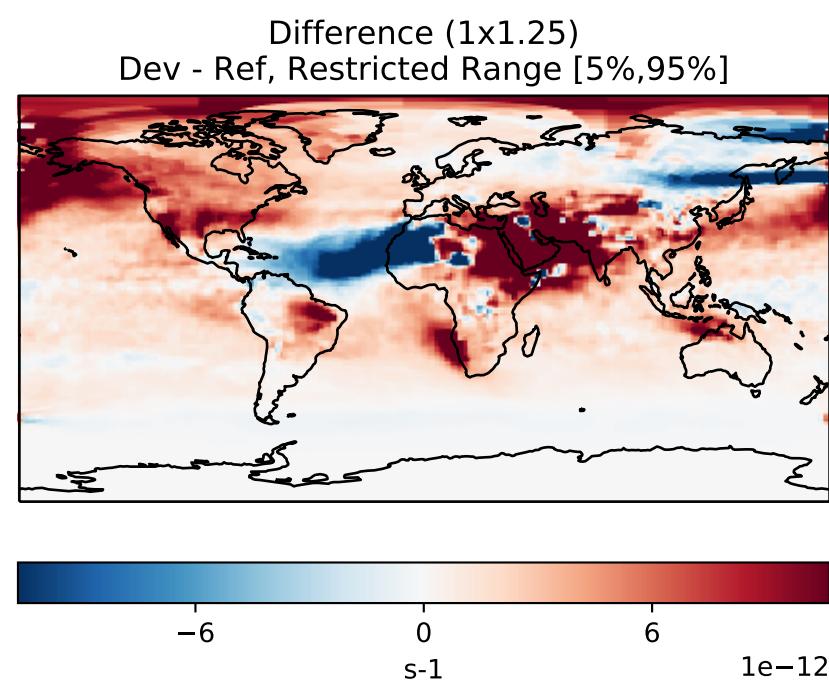
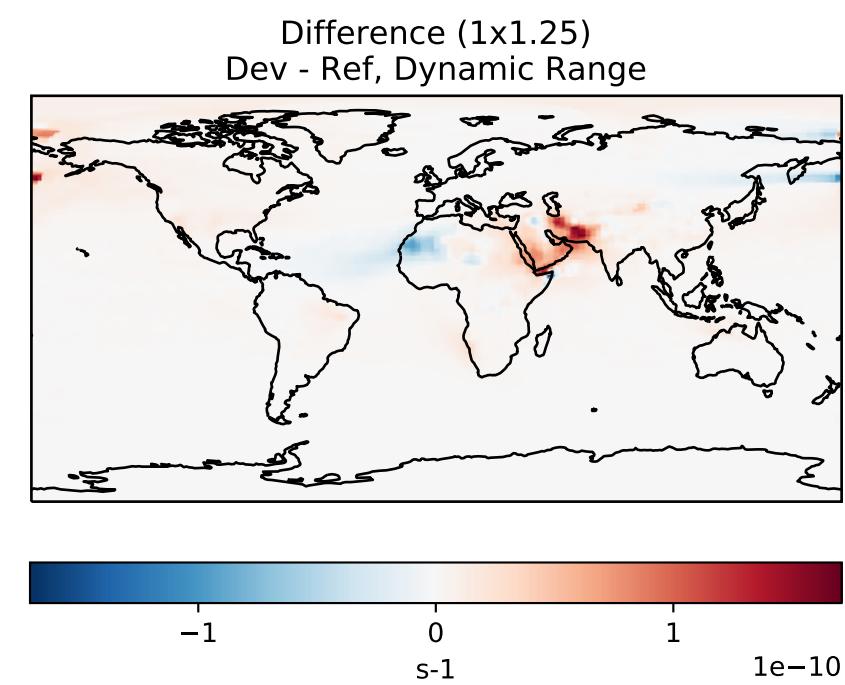
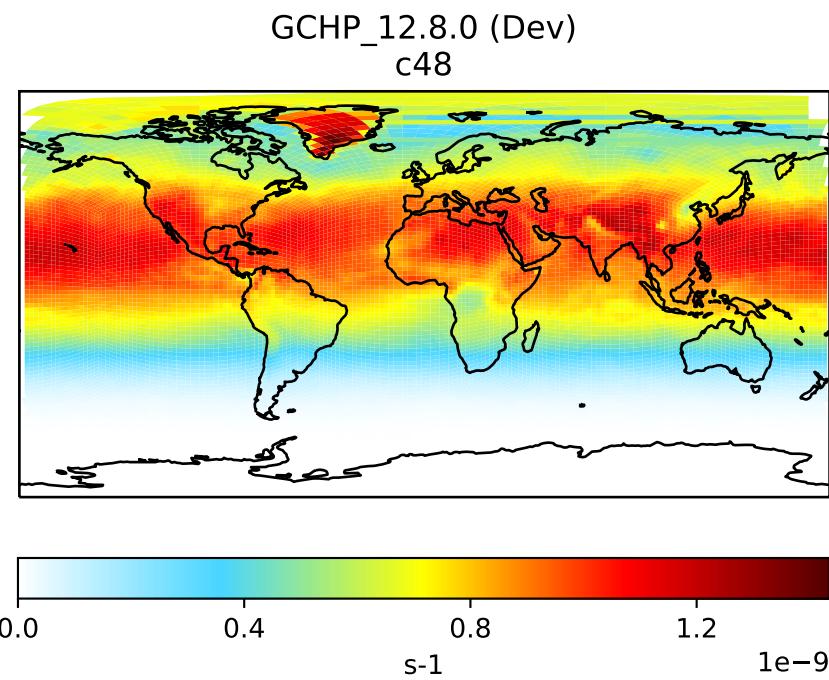
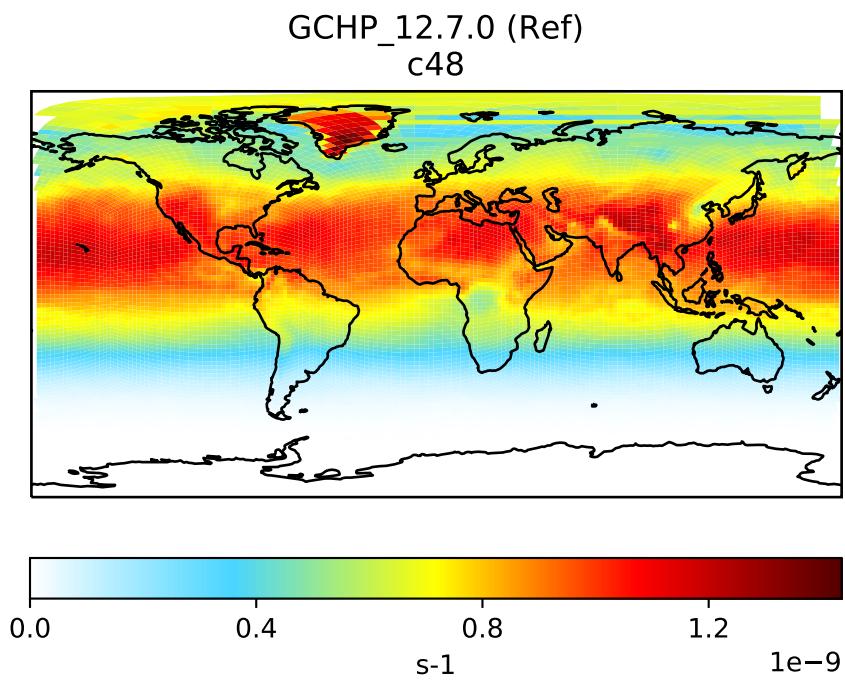
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Jval_H1301

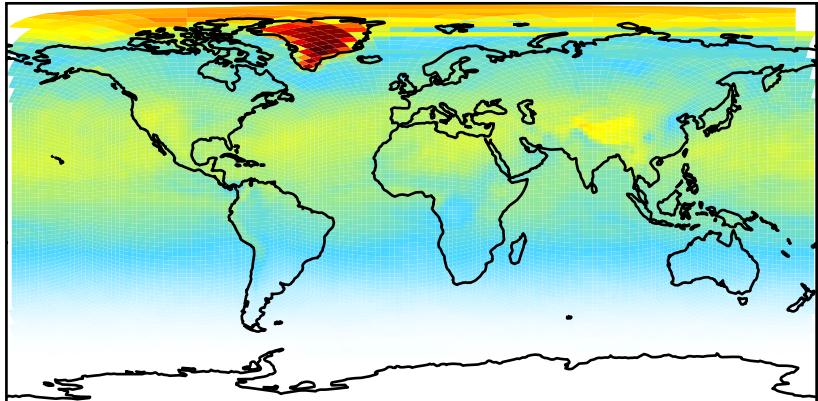


Jval_H2402

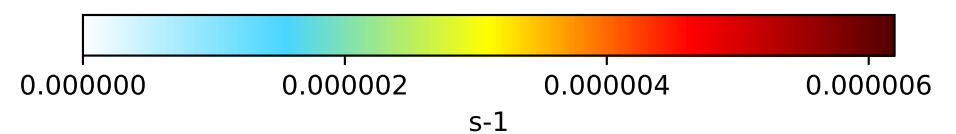
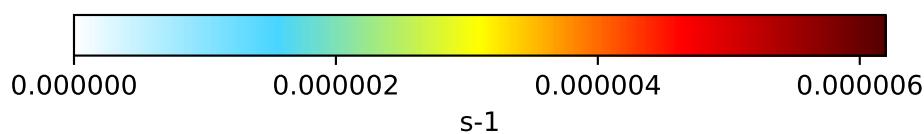
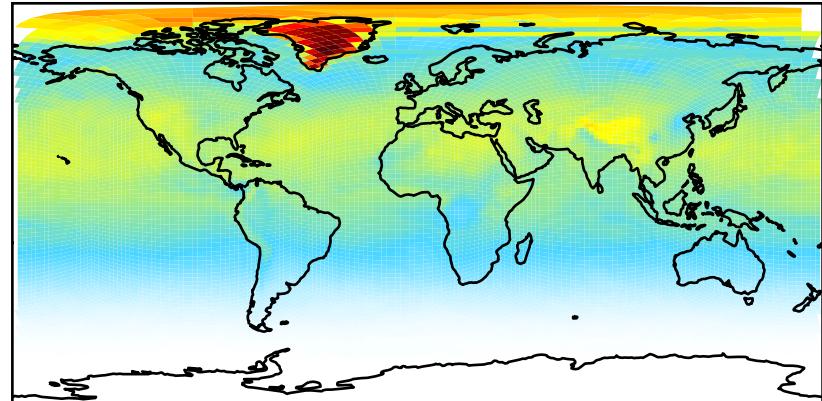


Jval_H2O2

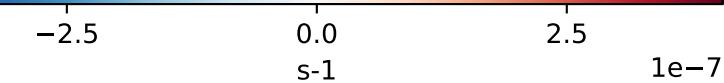
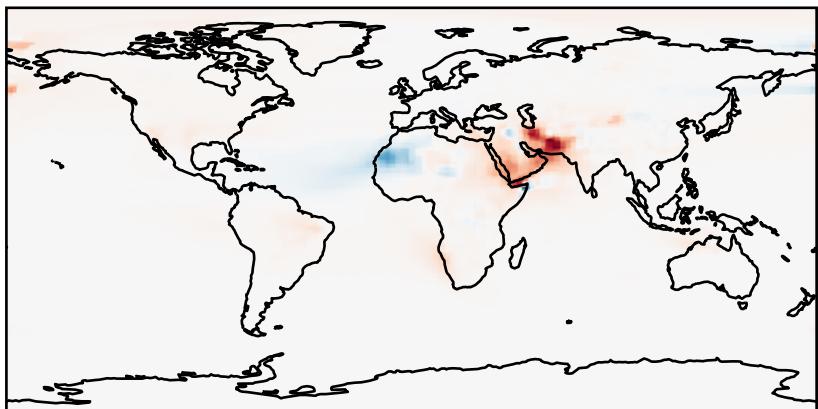
GCHP_12.7.0 (Ref)
c48



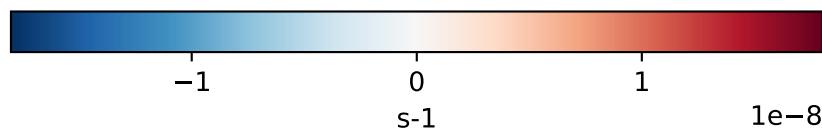
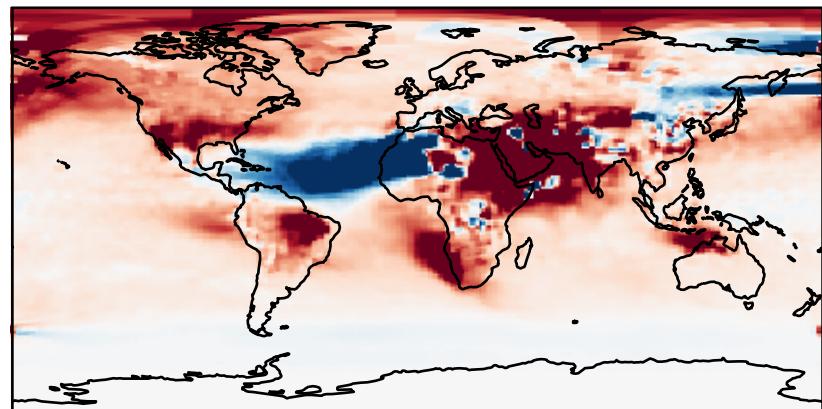
GCHP_12.8.0 (Dev)
c48



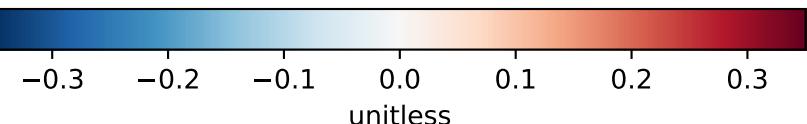
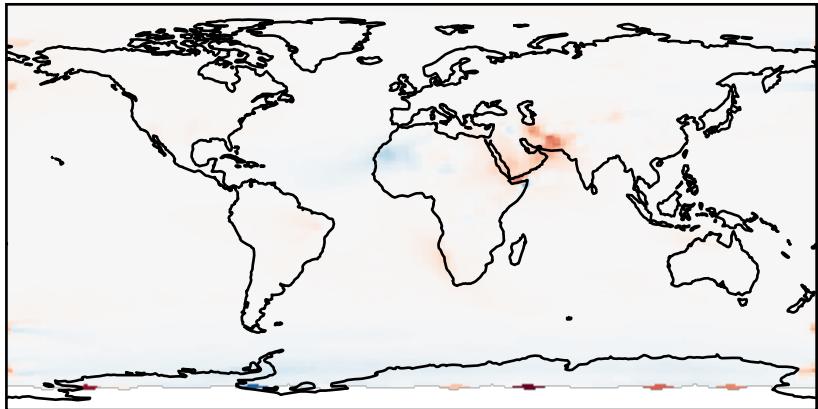
Difference (1x1.25)
Dev - Ref, Dynamic Range



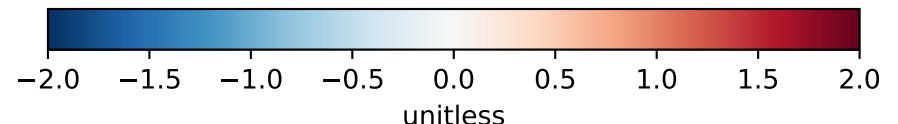
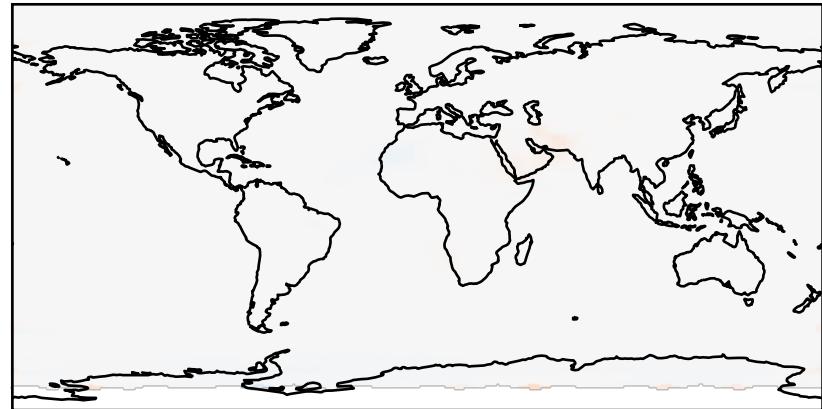
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

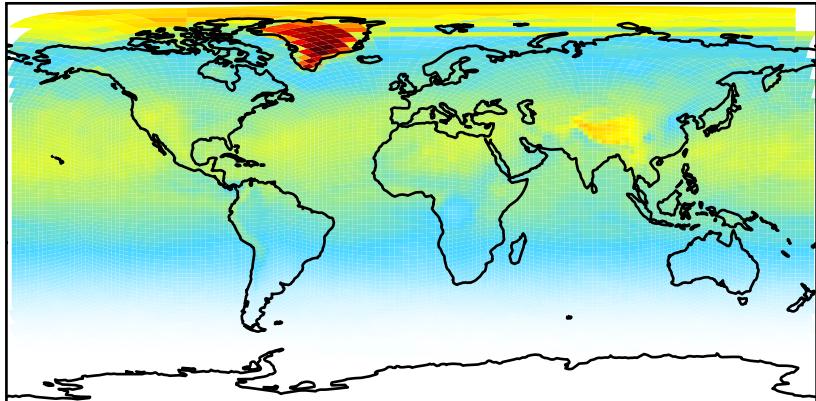


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

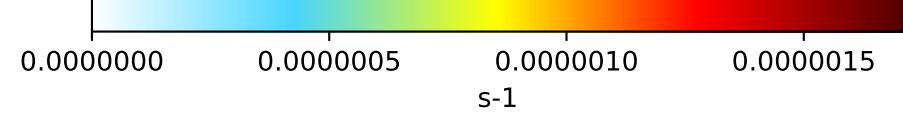
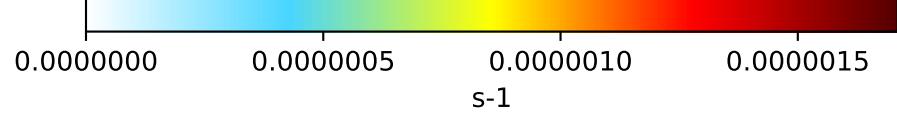
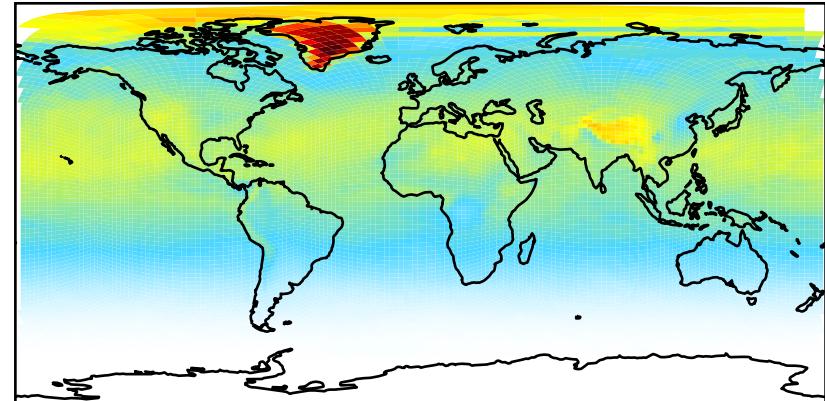


Jval_HAC

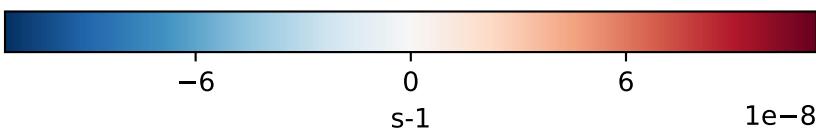
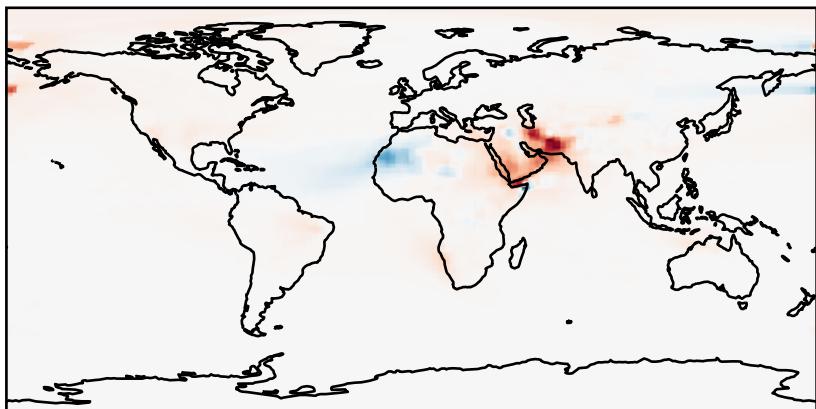
GCHP_12.7.0 (Ref)
c48



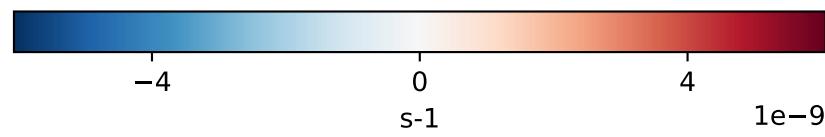
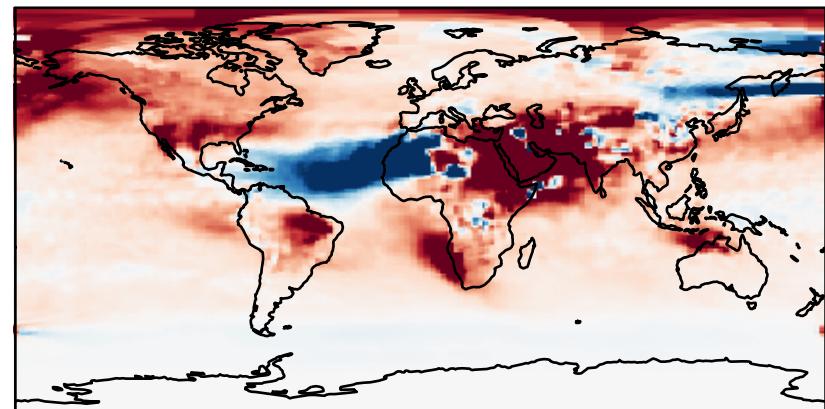
GCHP_12.8.0 (Dev)
c48



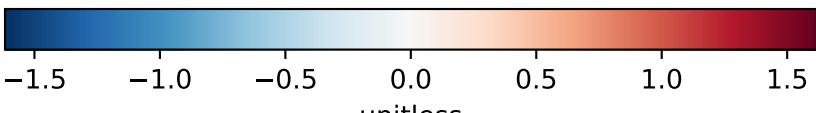
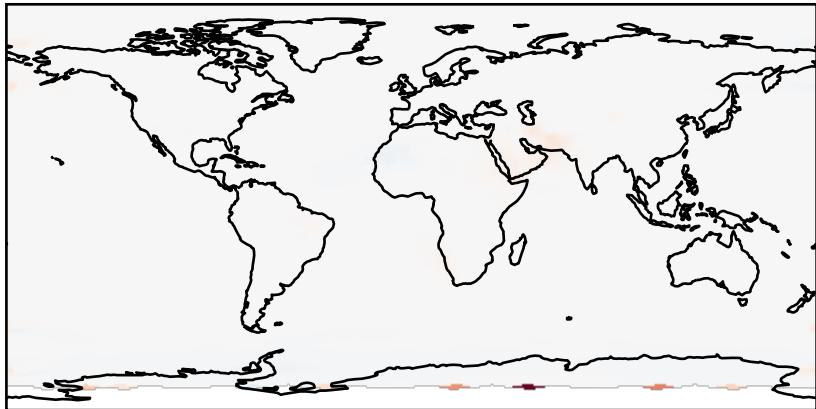
Difference (1x1.25)
Dev - Ref, Dynamic Range



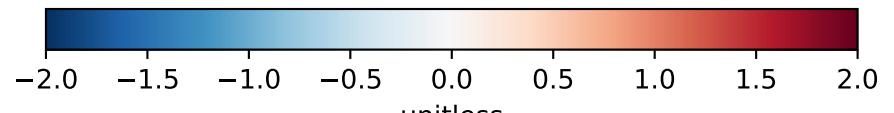
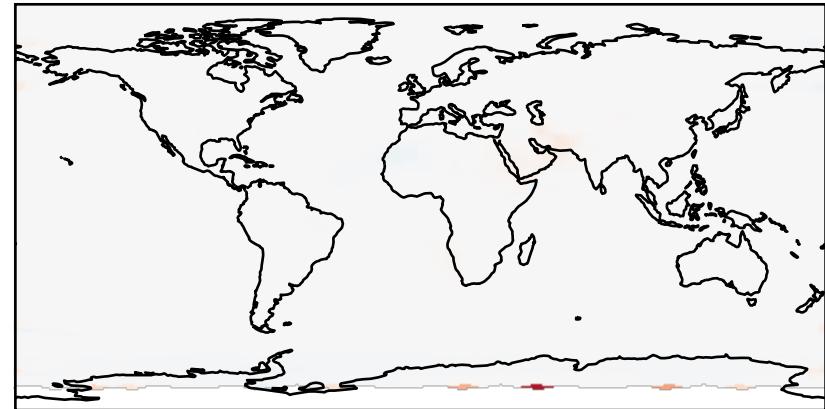
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



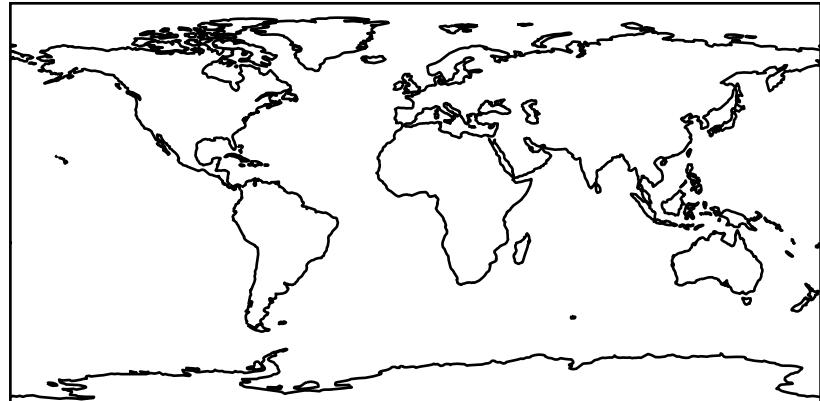
Jval_HC5A

GCHP_12.7.0 (Ref)
c48



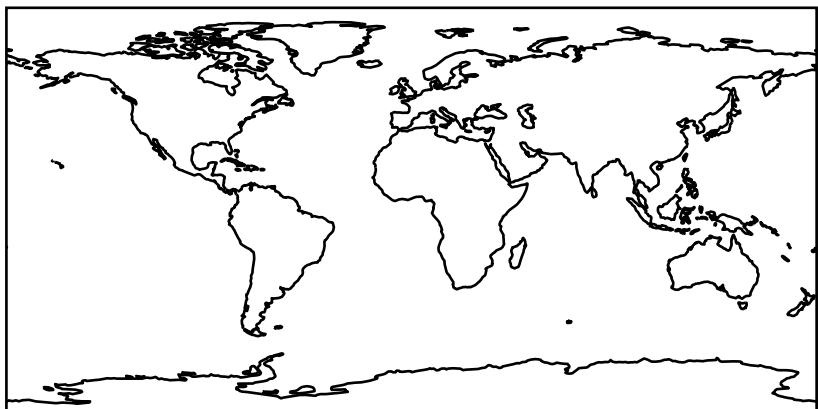
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s-1

GCHP_12.8.0 (Dev)
c48



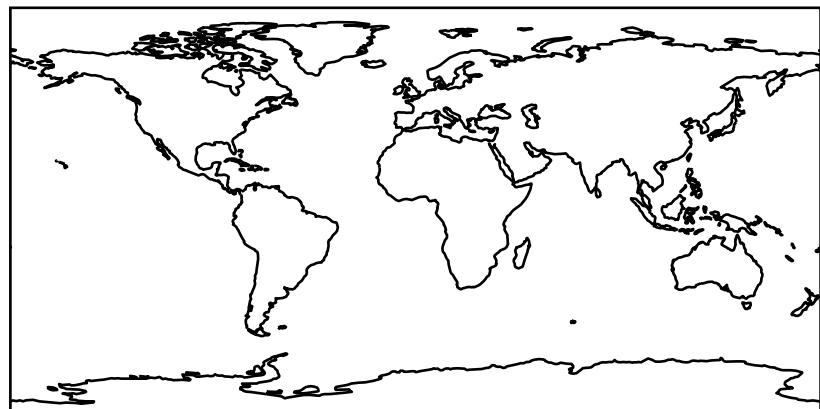
Zero throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



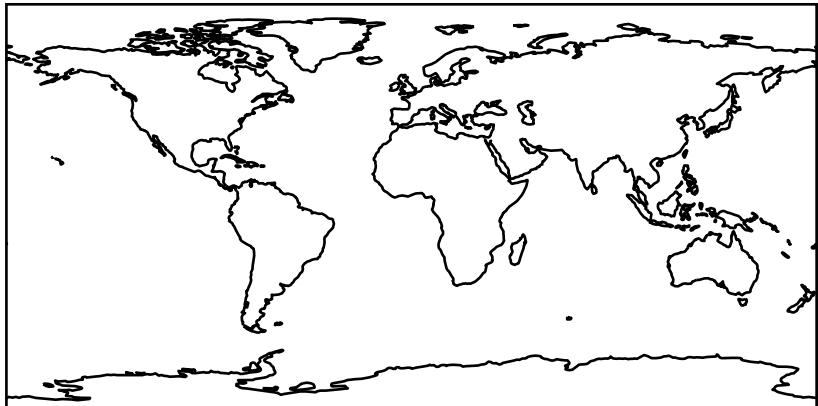
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



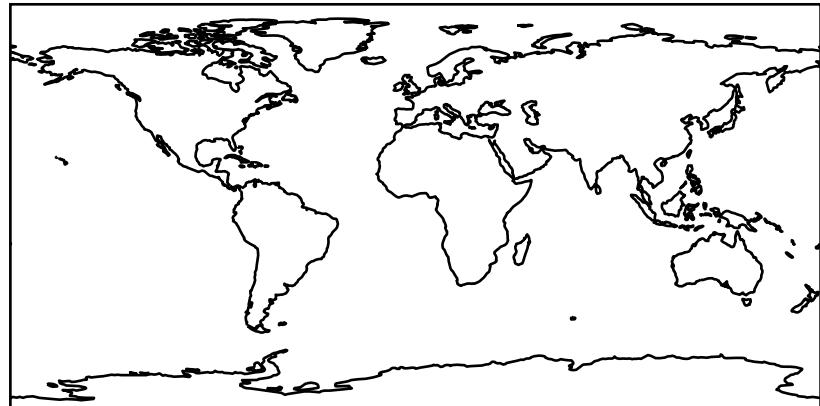
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



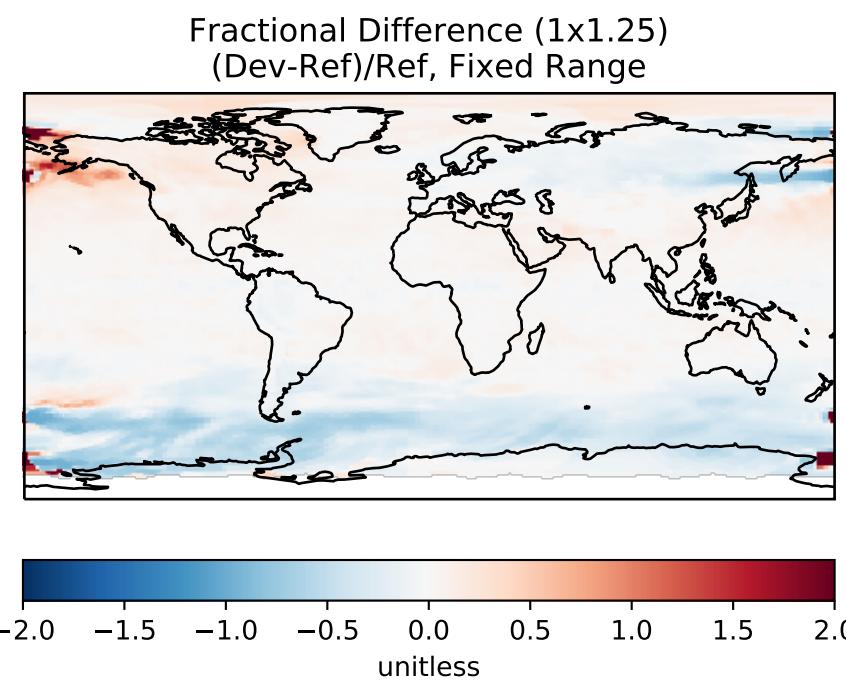
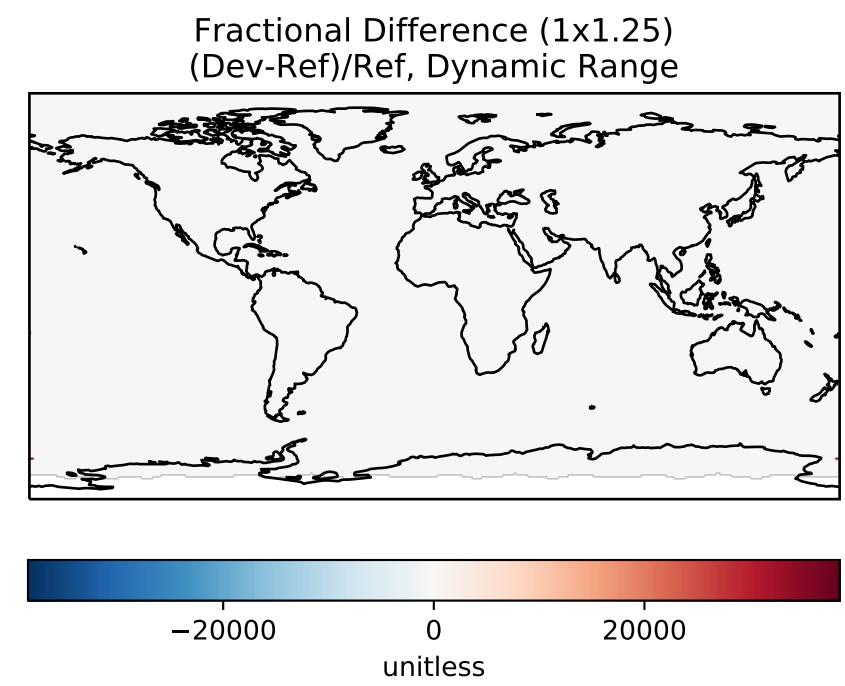
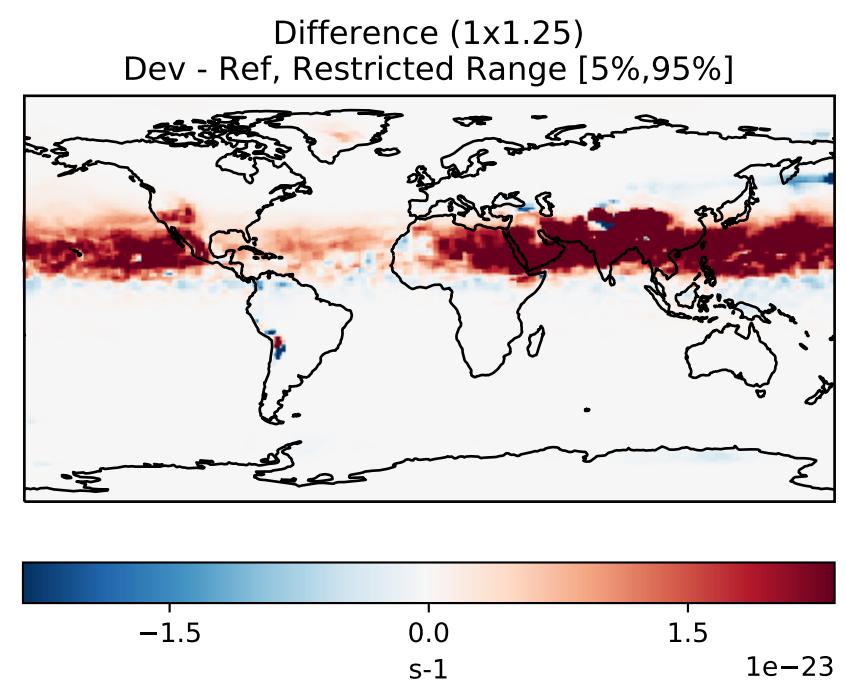
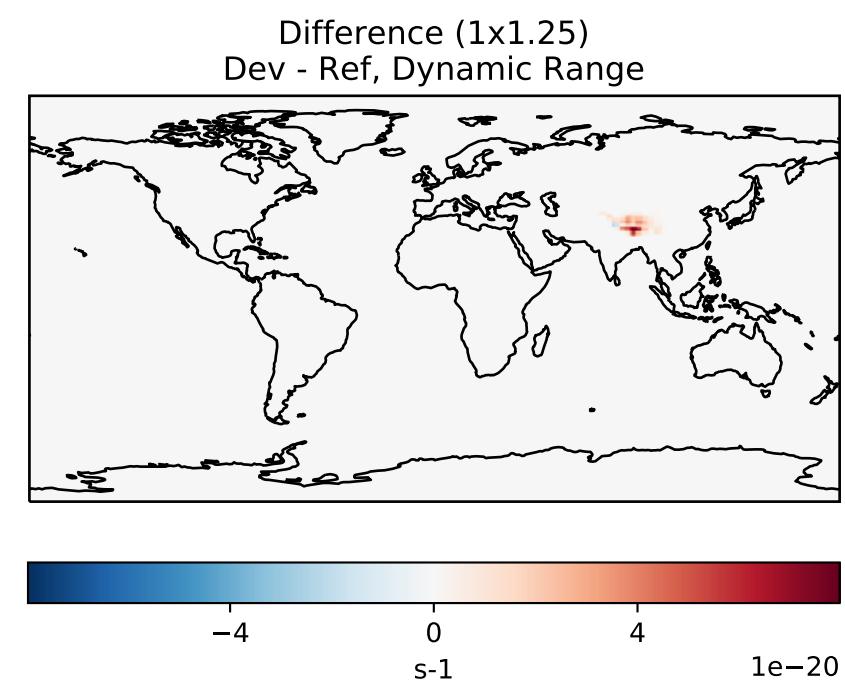
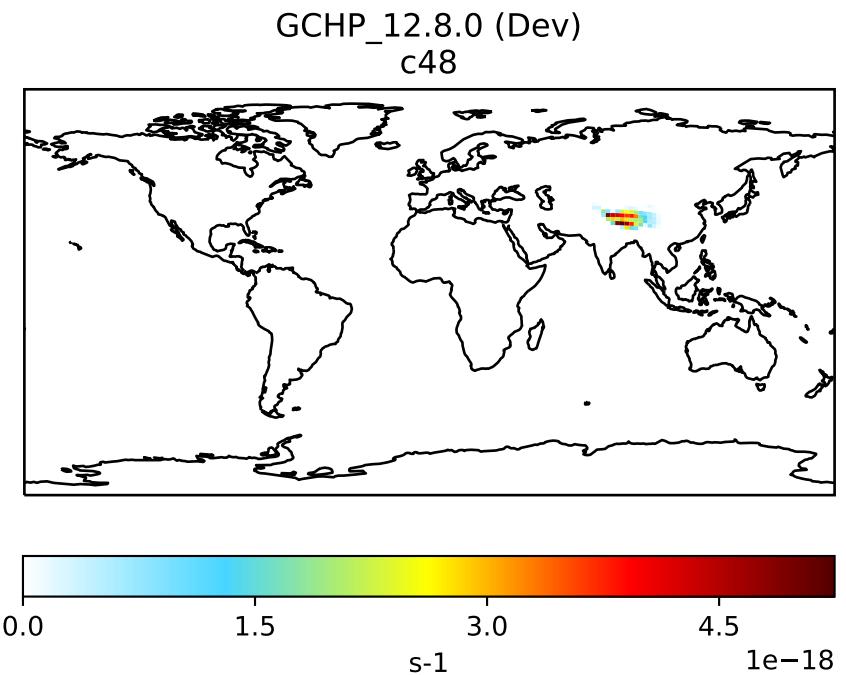
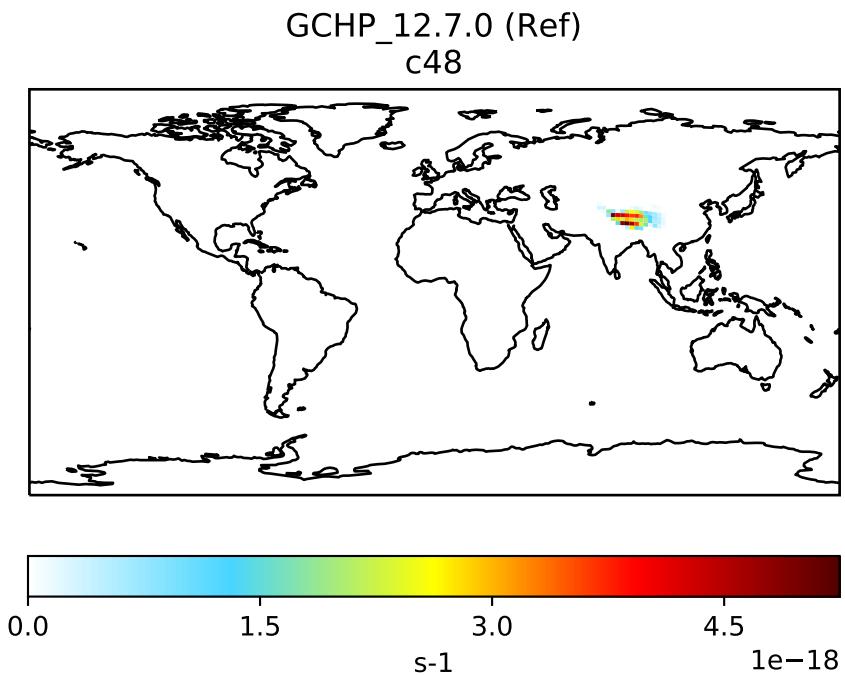
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

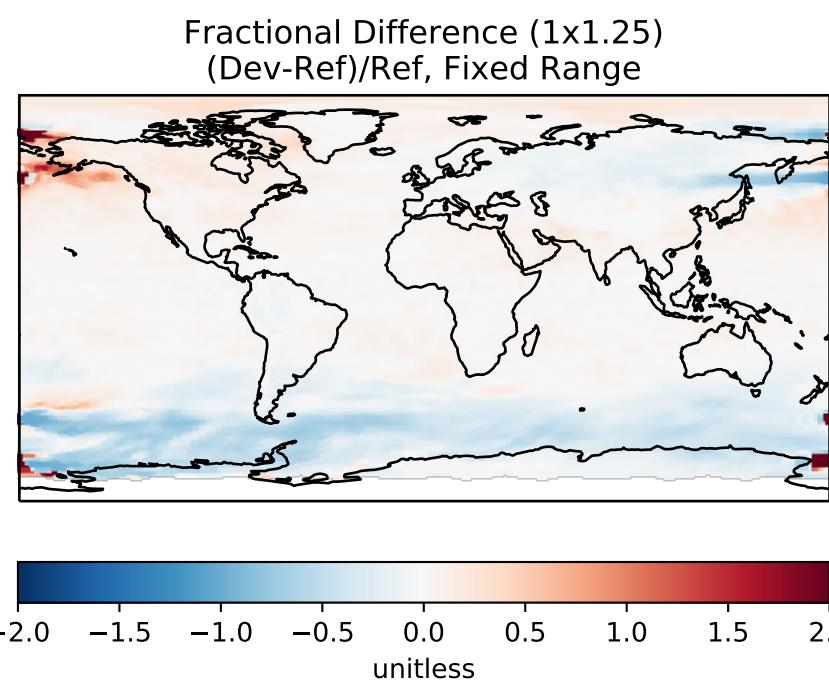
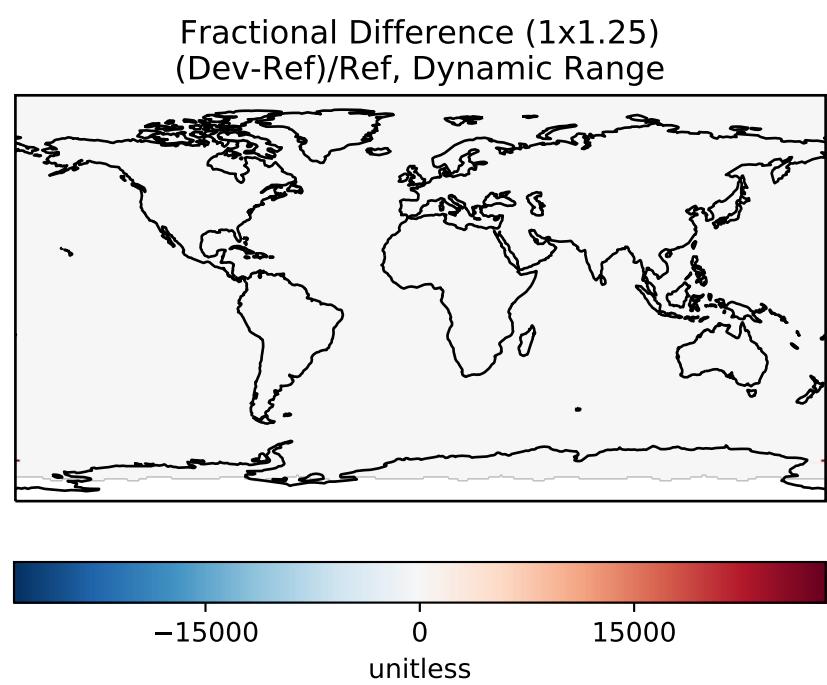
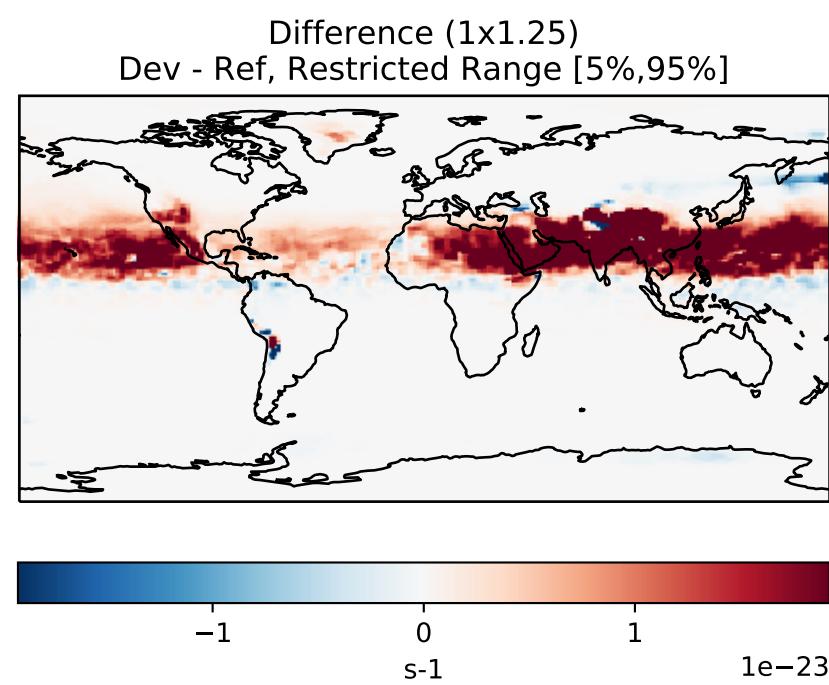
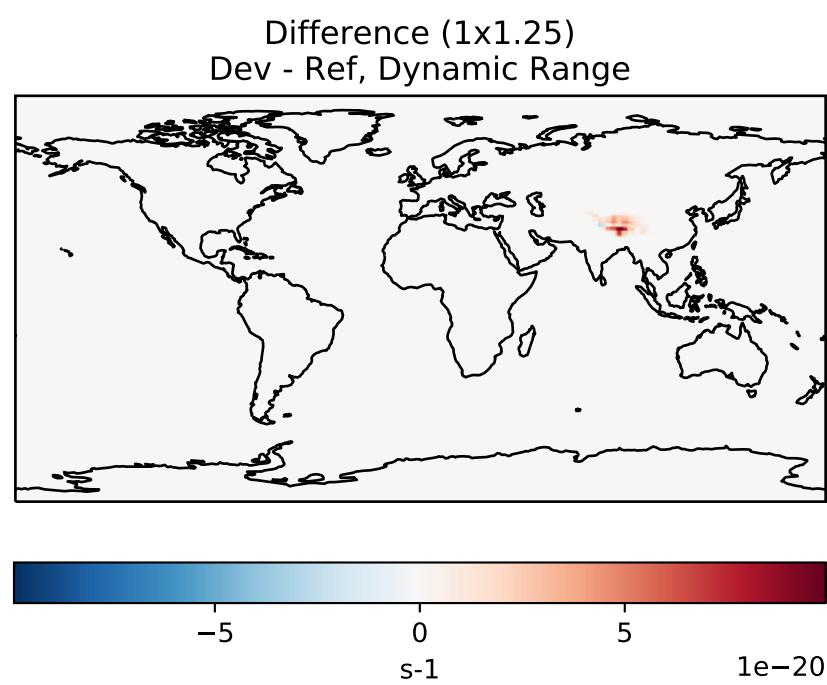
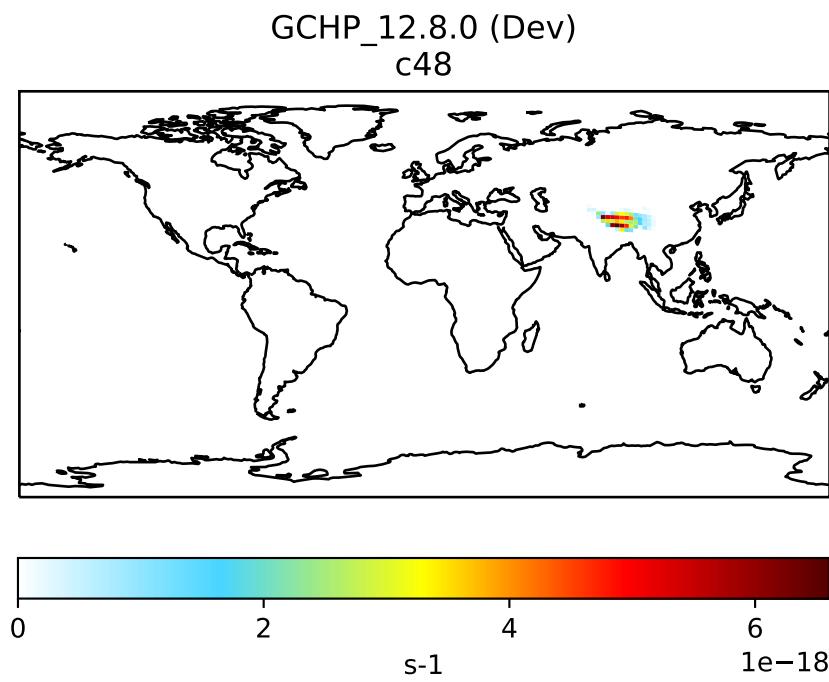
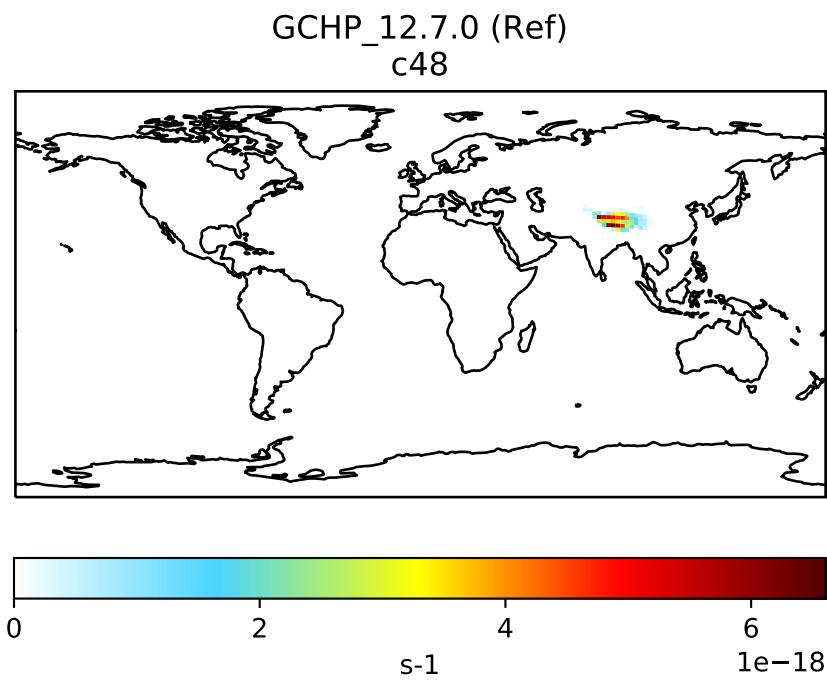


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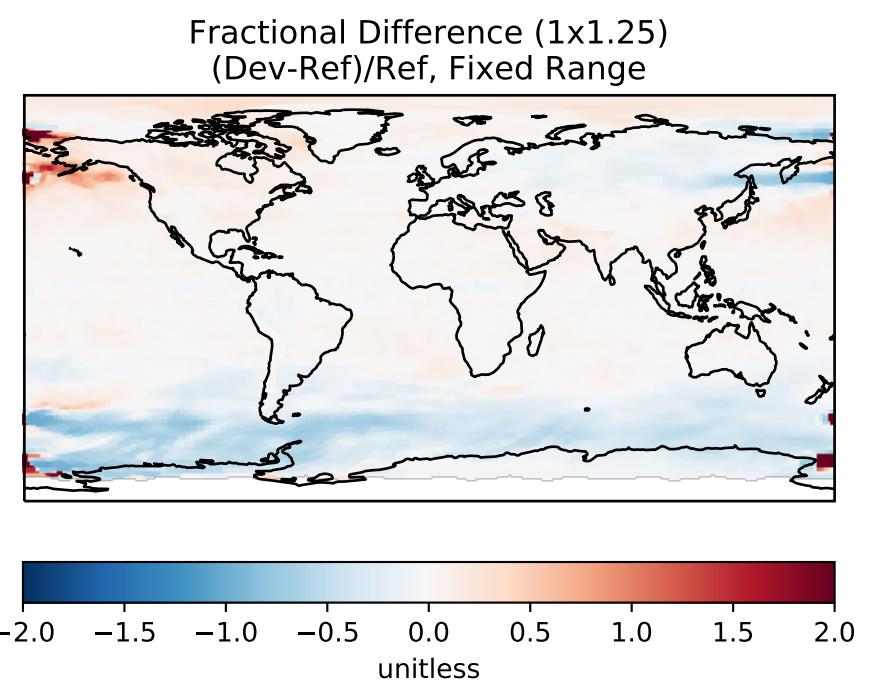
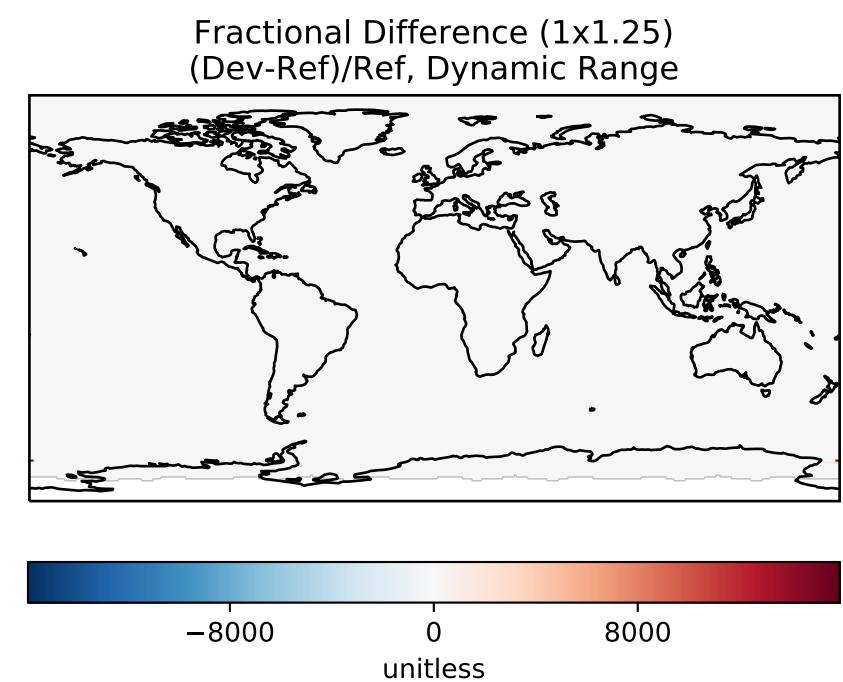
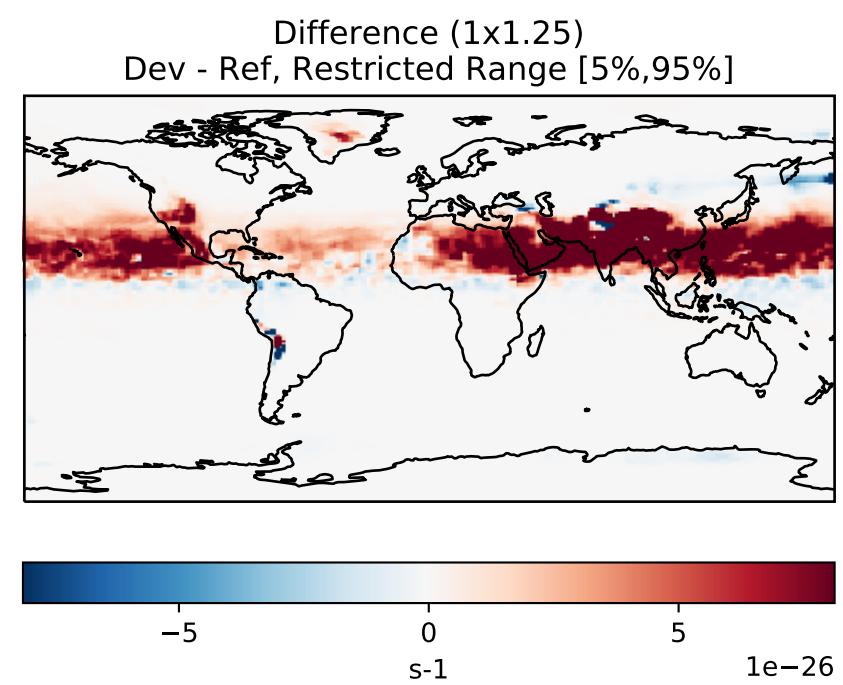
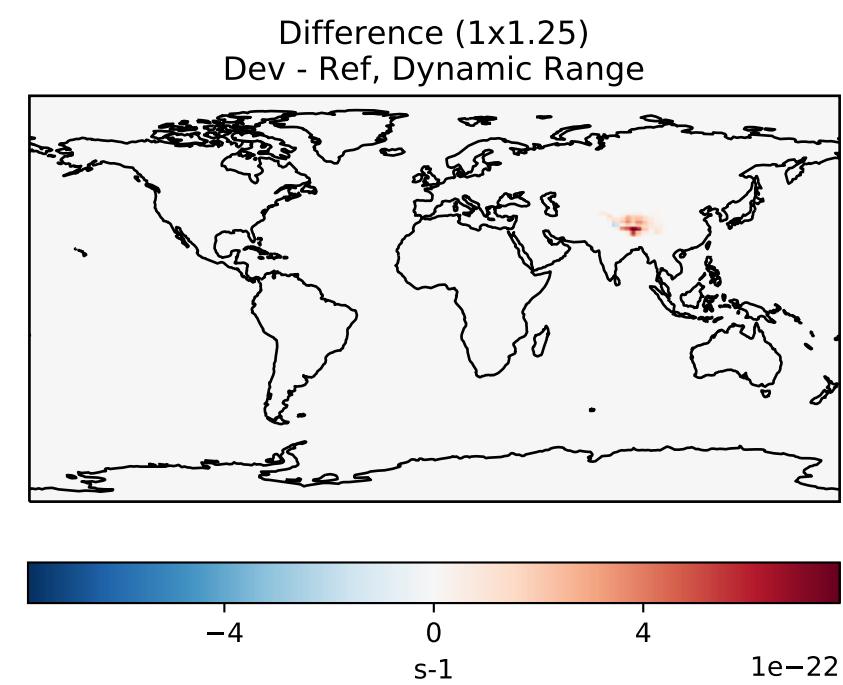
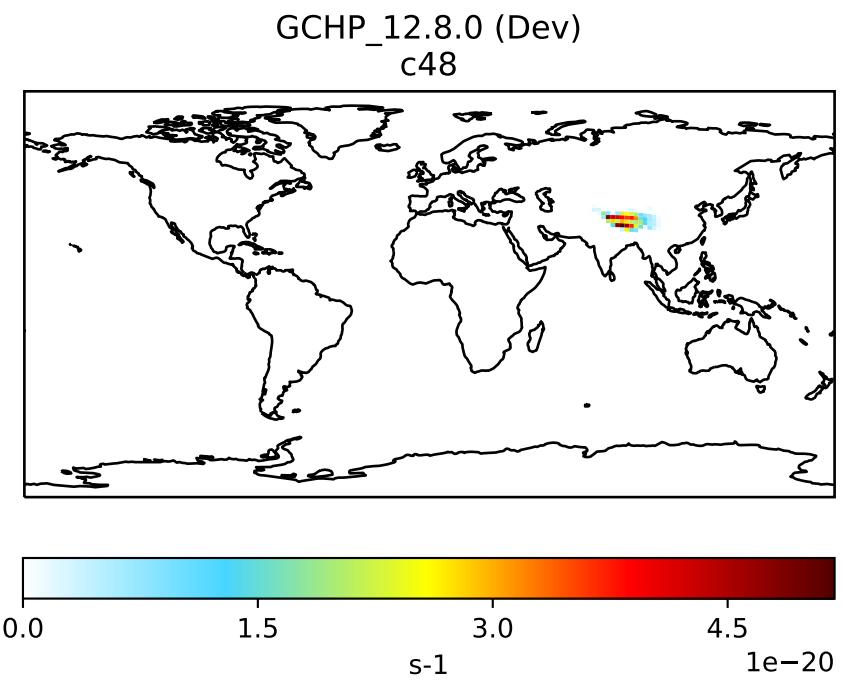
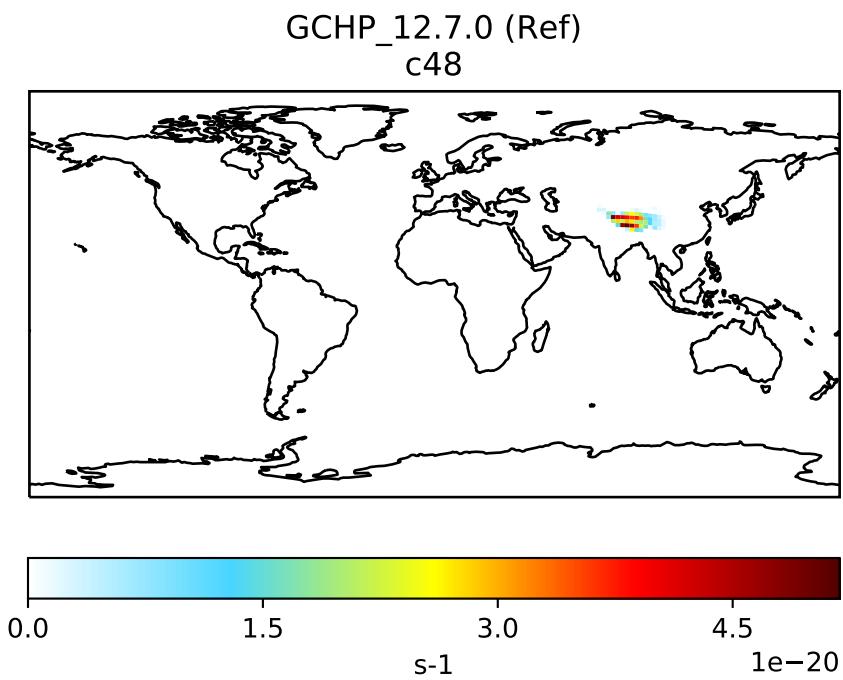
Jval_HCFC123



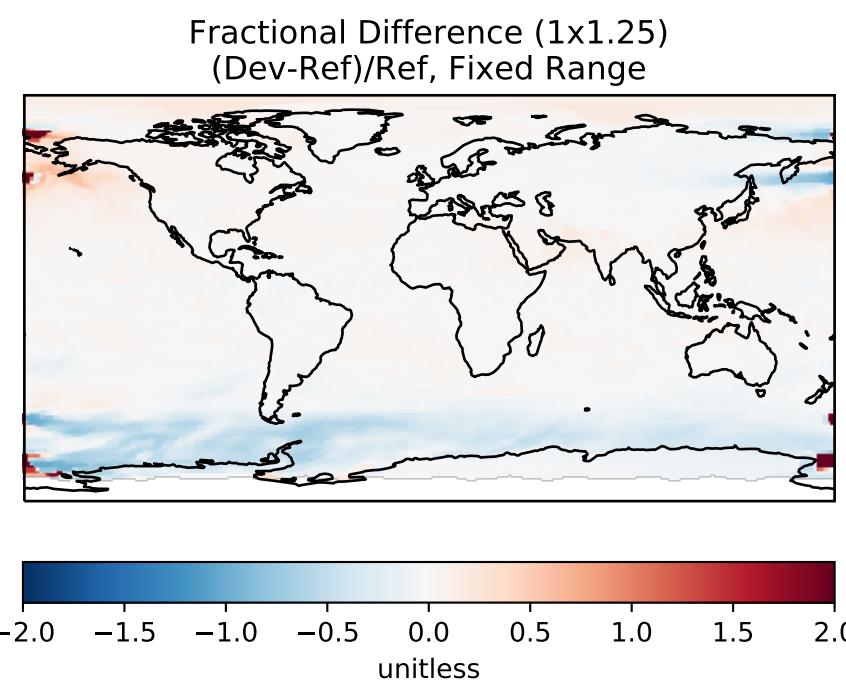
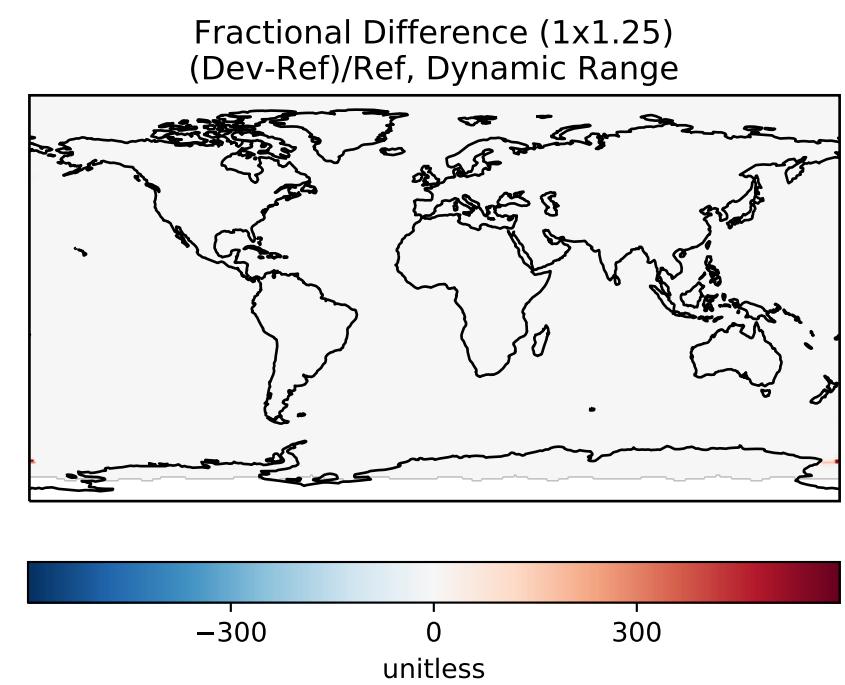
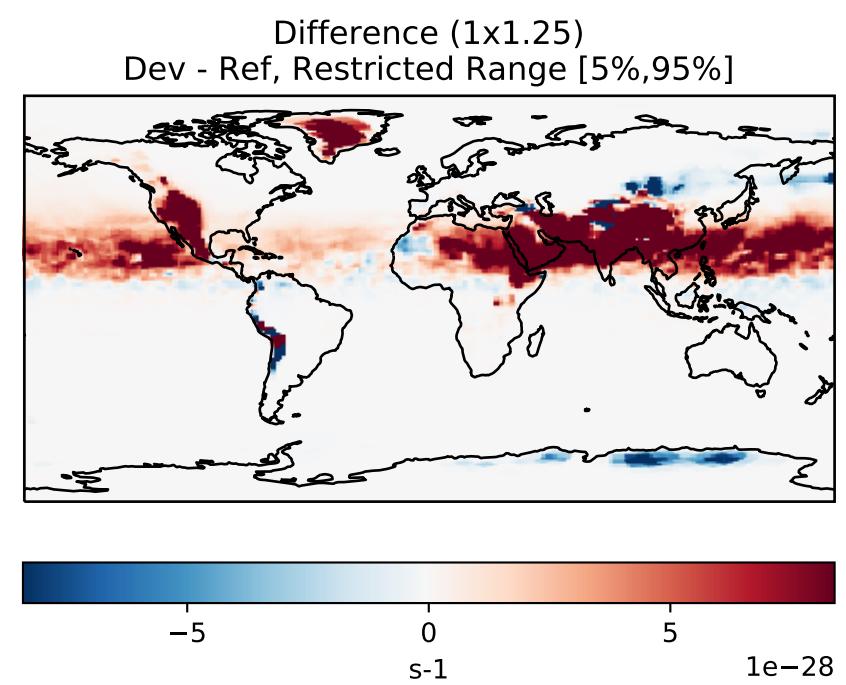
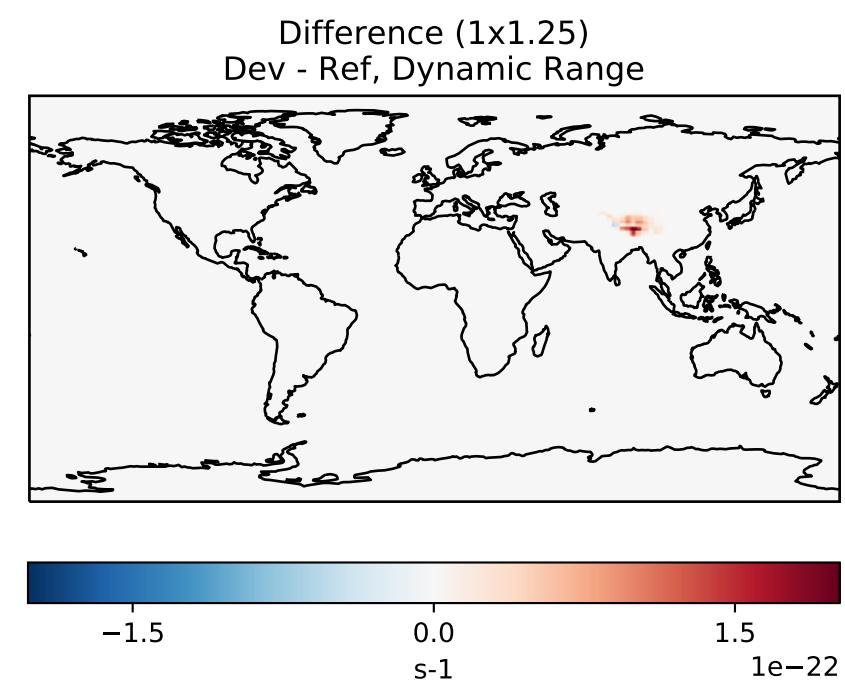
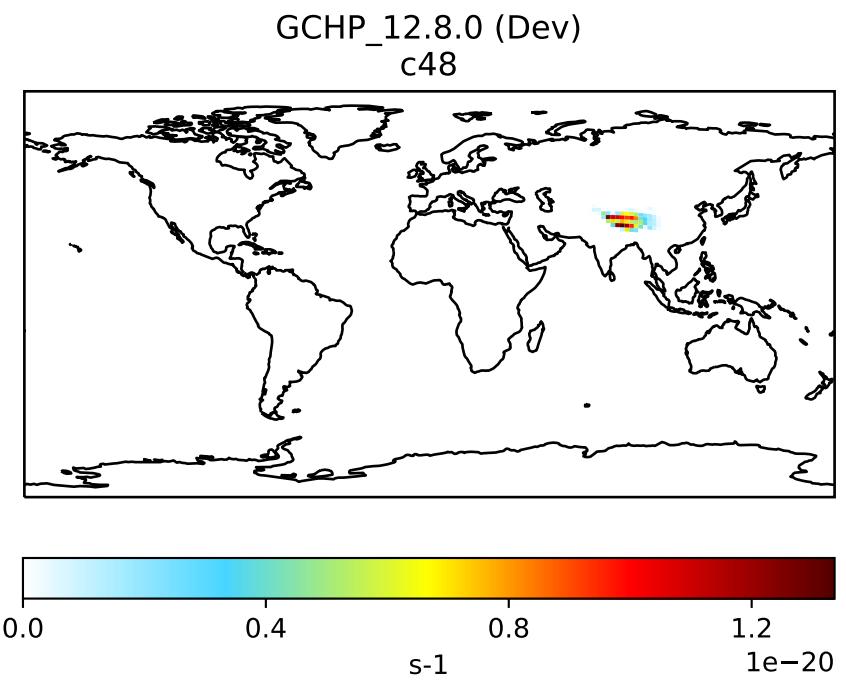
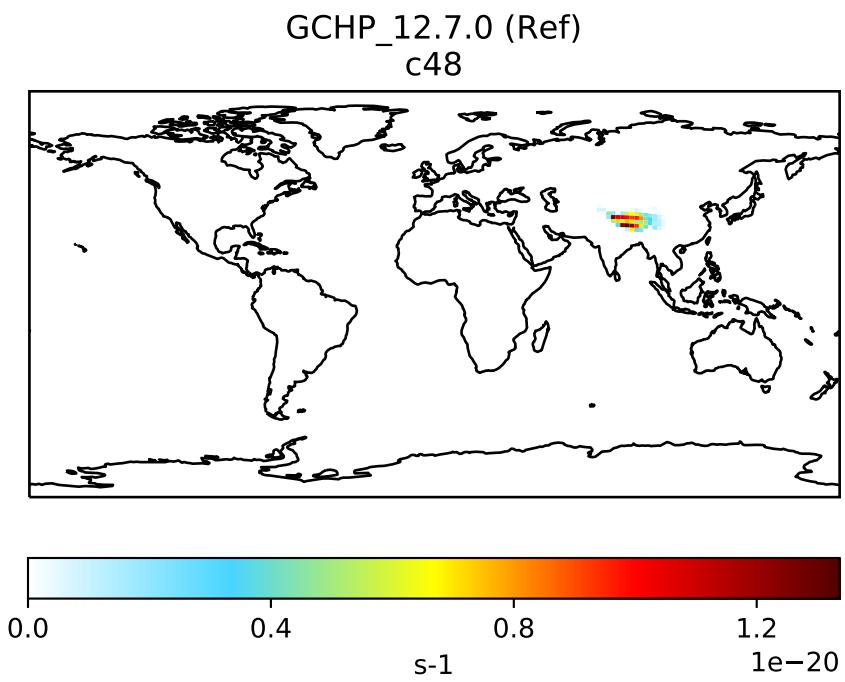
Jval_HCFC141B



Jval_HCFC142B

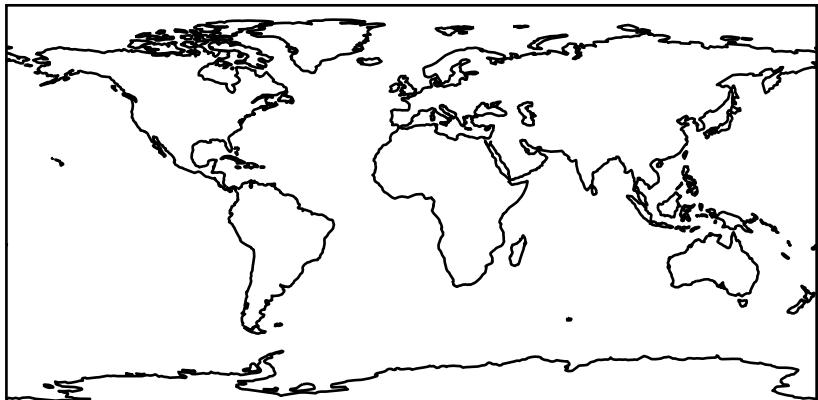


Jval_HCFC22



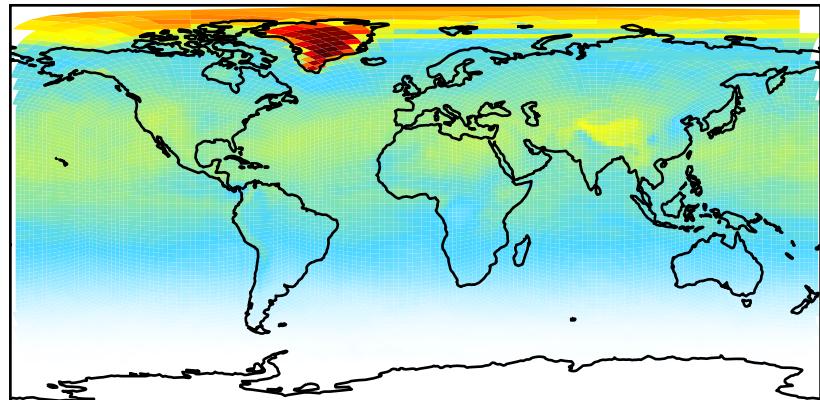
Jval_HMHP

GCHP_12.7.0 (Ref)
c48



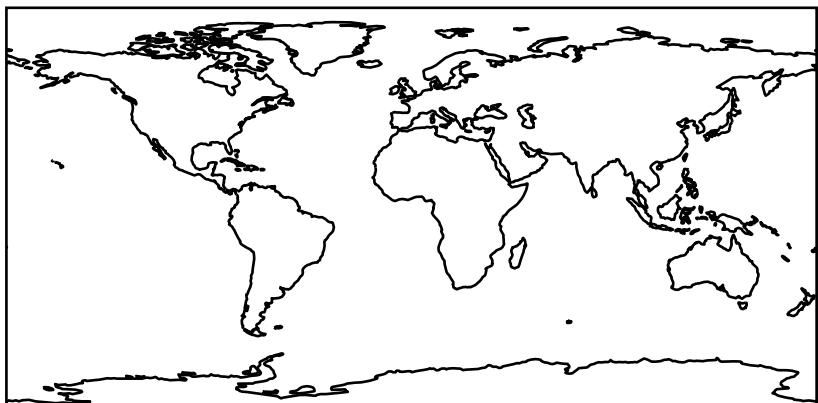
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s-1

GCHP_12.8.0 (Dev)
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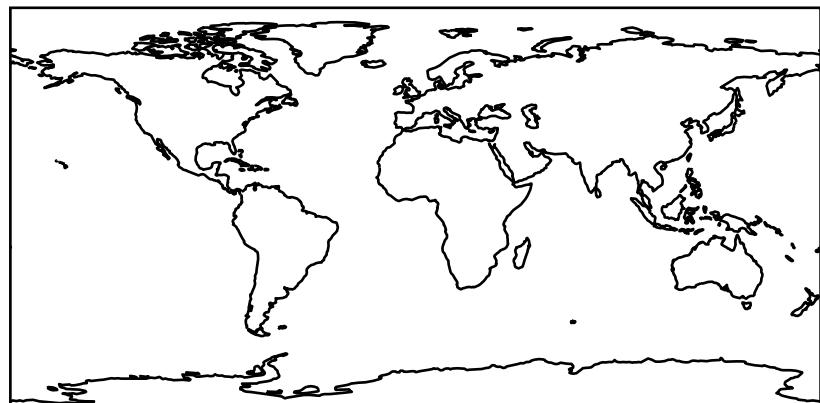
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s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



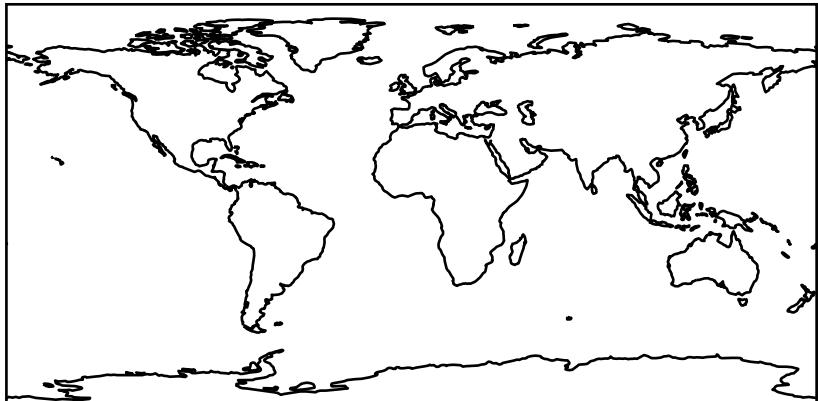
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



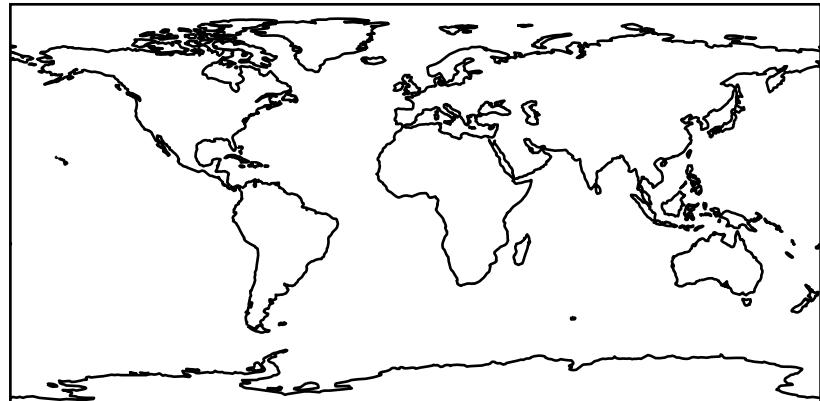
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s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

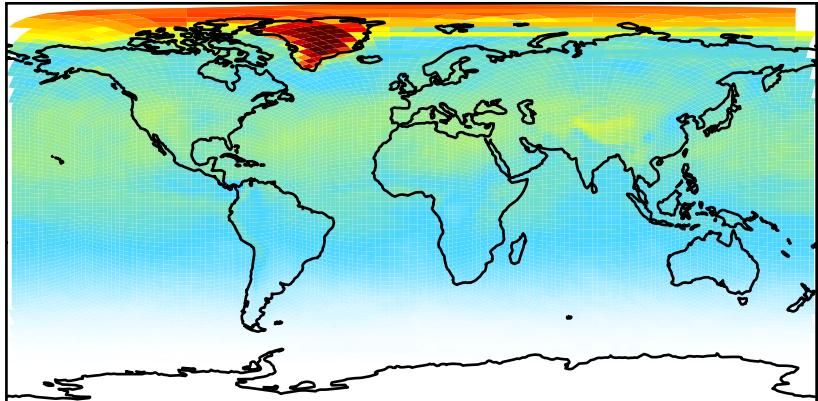
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



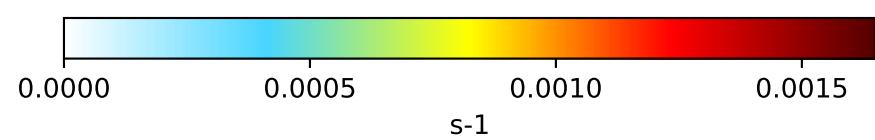
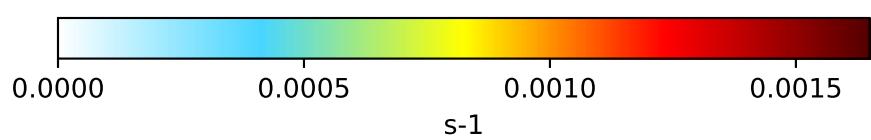
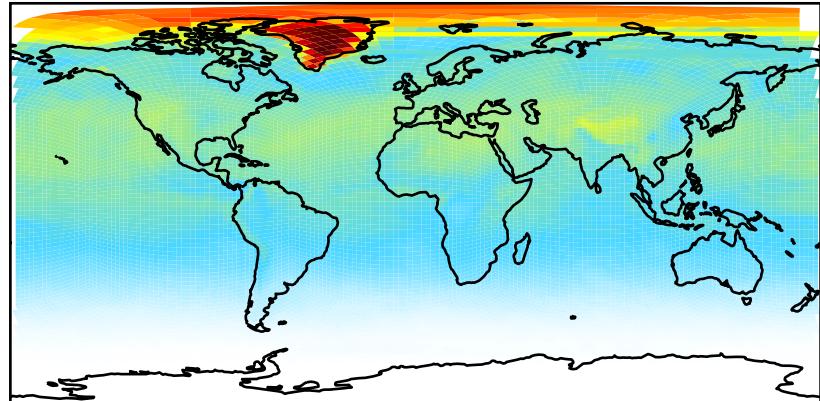
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Jval_HNO2

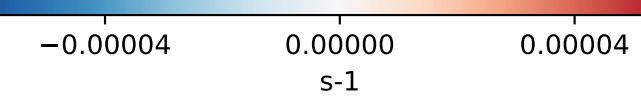
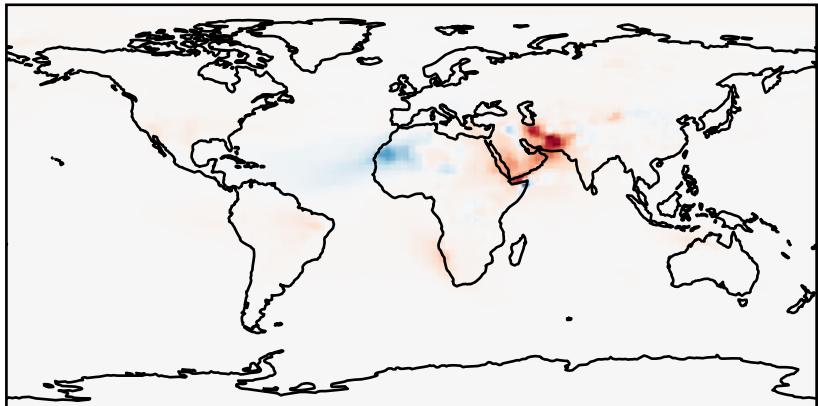
GCHP_12.7.0 (Ref)
c48



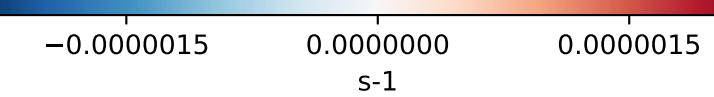
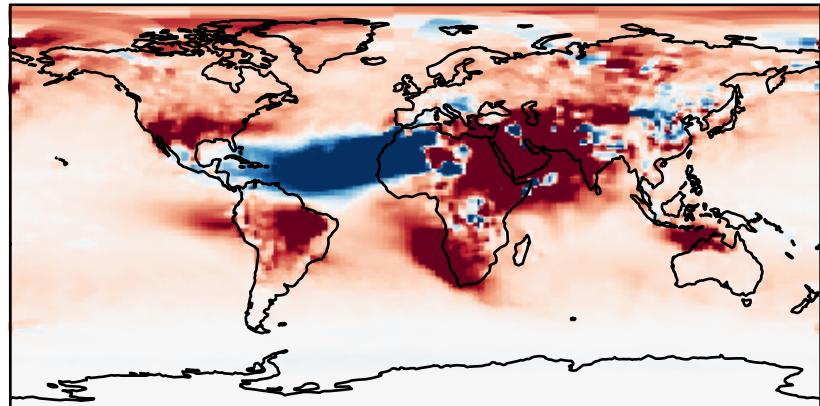
GCHP_12.8.0 (Dev)
c48



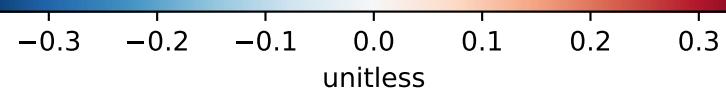
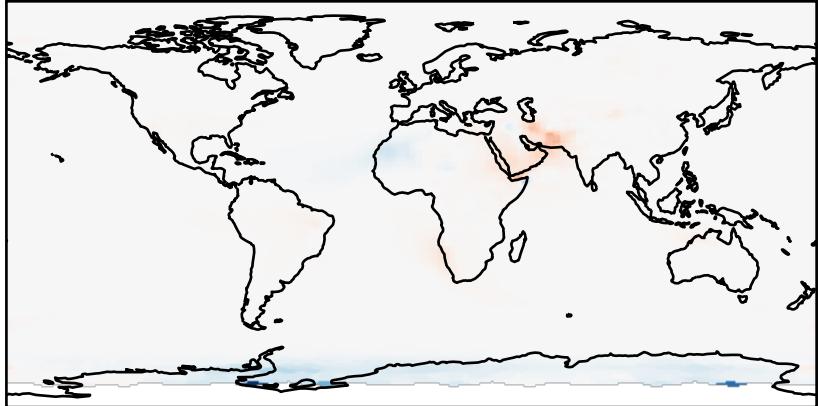
Difference (1x1.25)
Dev - Ref, Dynamic Range



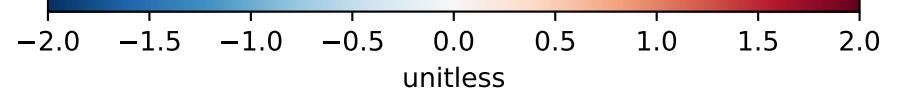
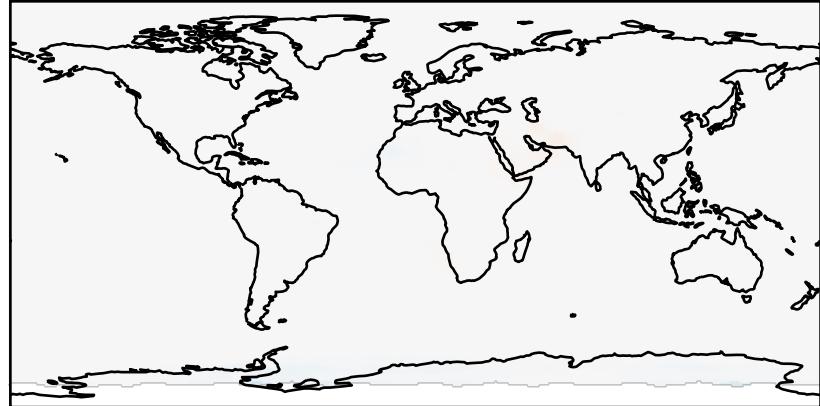
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

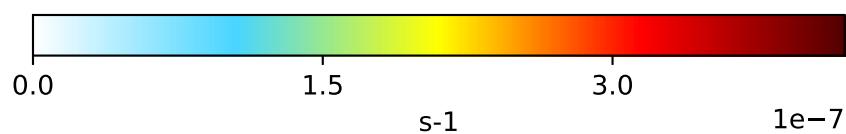
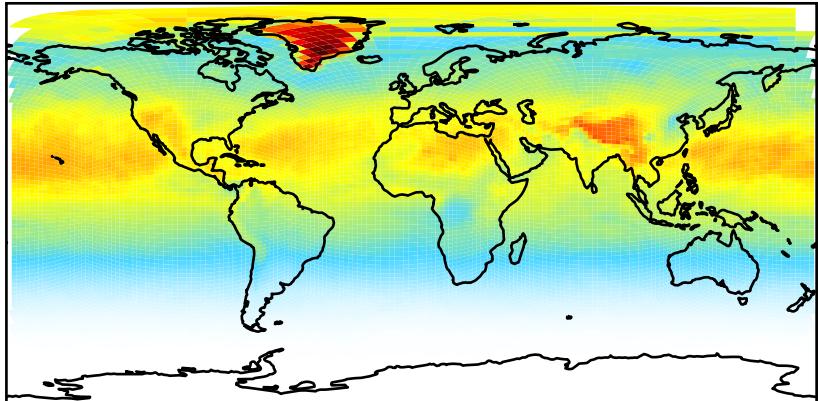


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

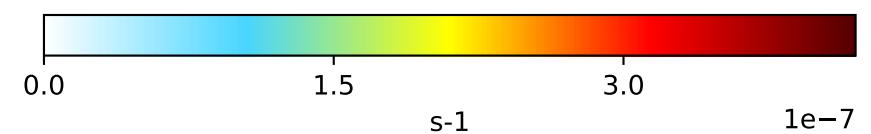
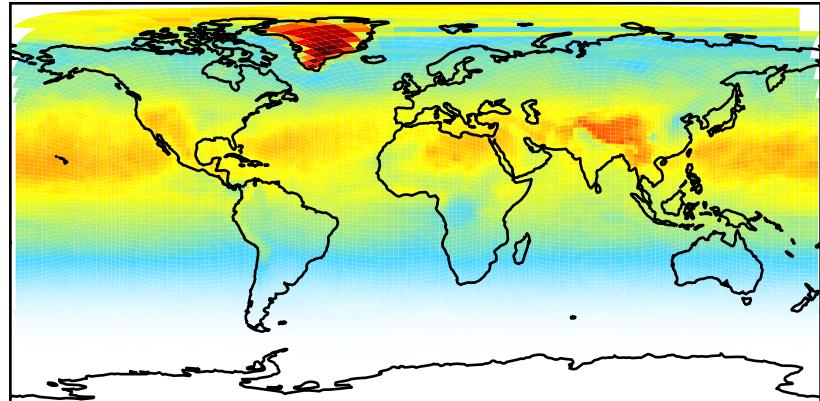


Jval_HNO3

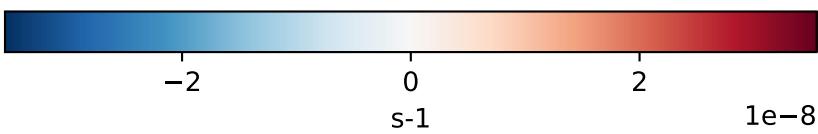
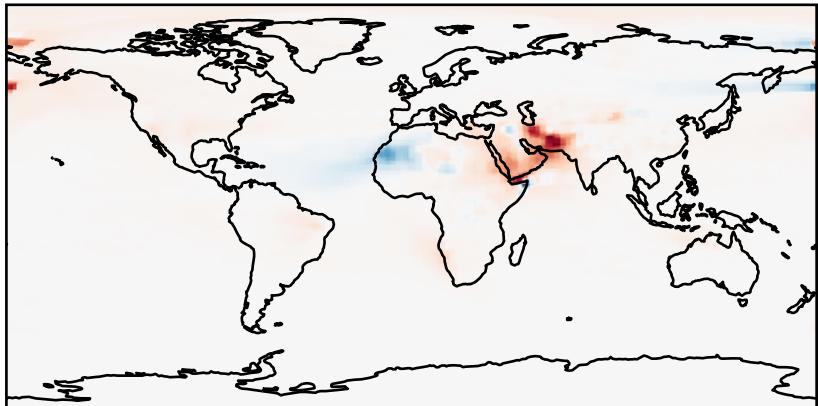
GCHP_12.7.0 (Ref)
c48



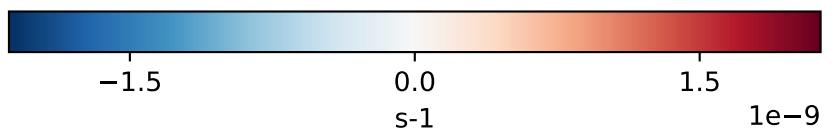
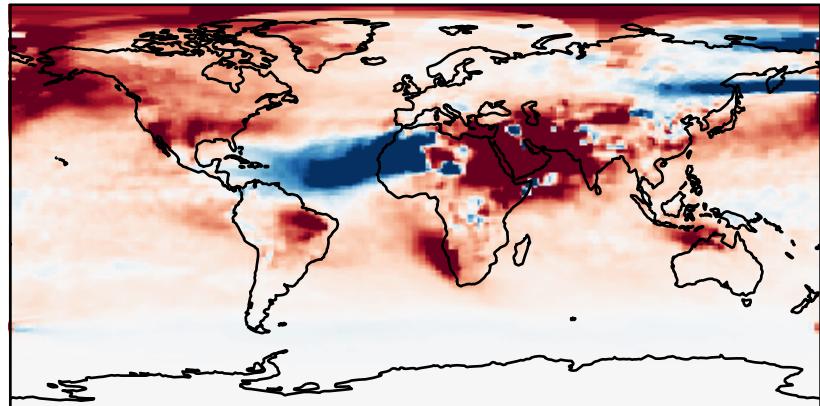
GCHP_12.8.0 (Dev)
c48



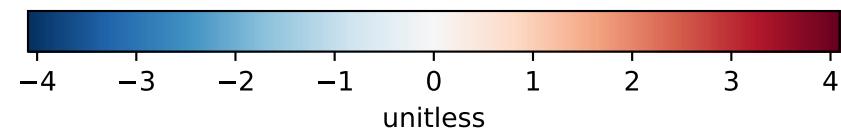
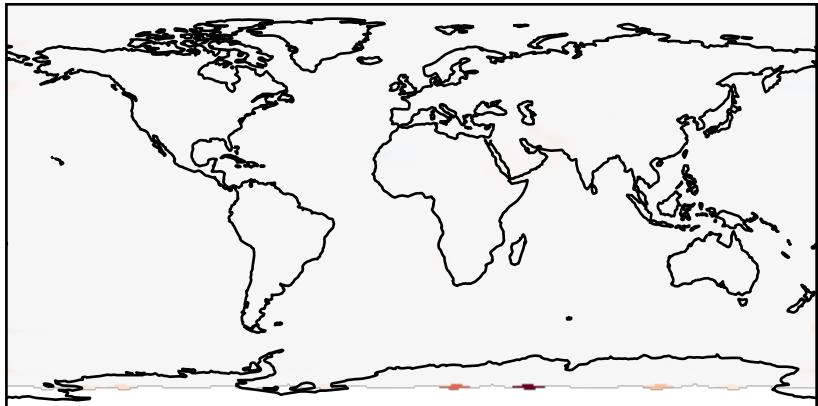
Difference (1x1.25)
Dev - Ref, Dynamic Range



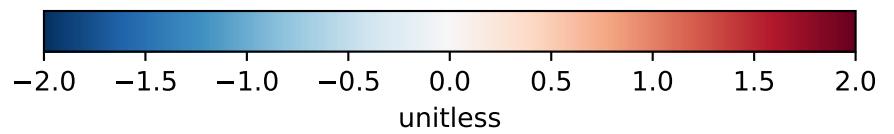
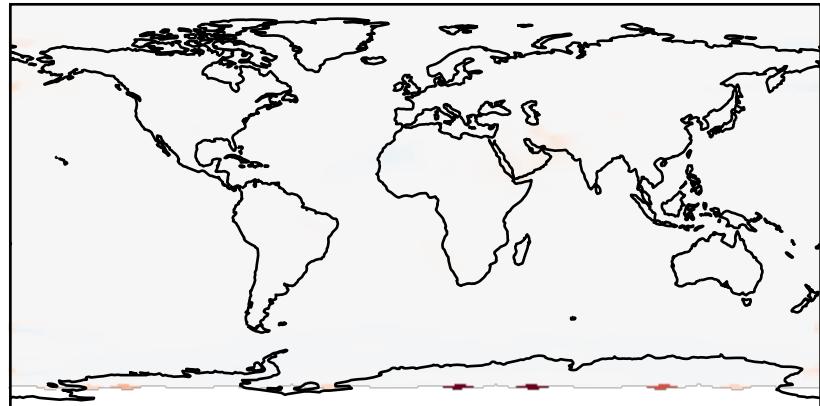
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



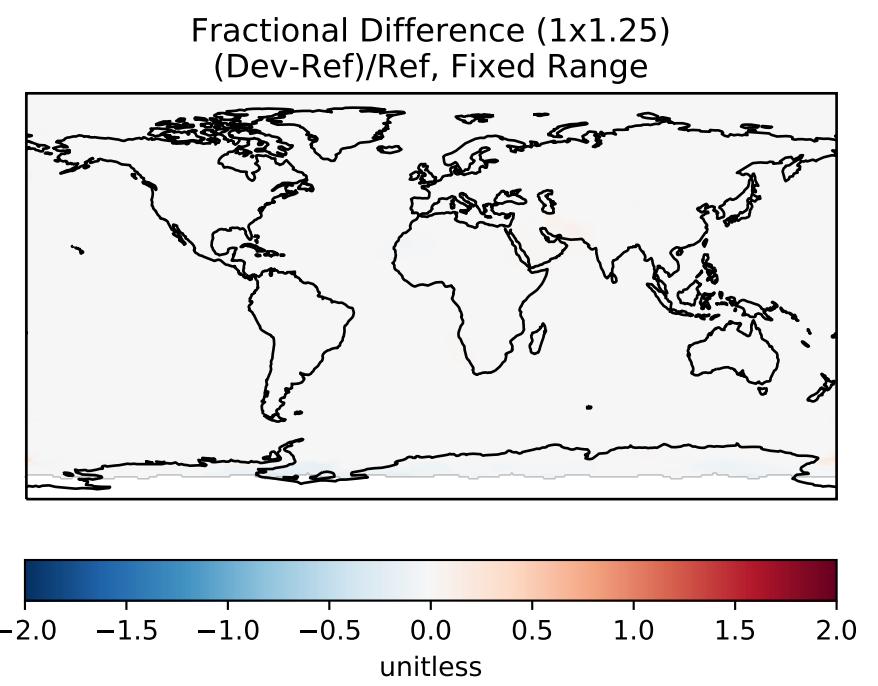
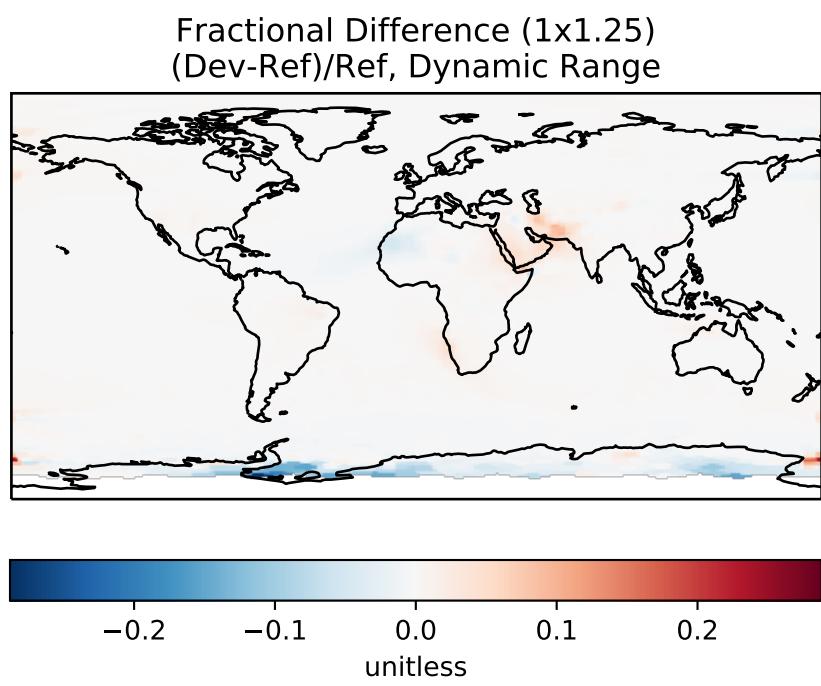
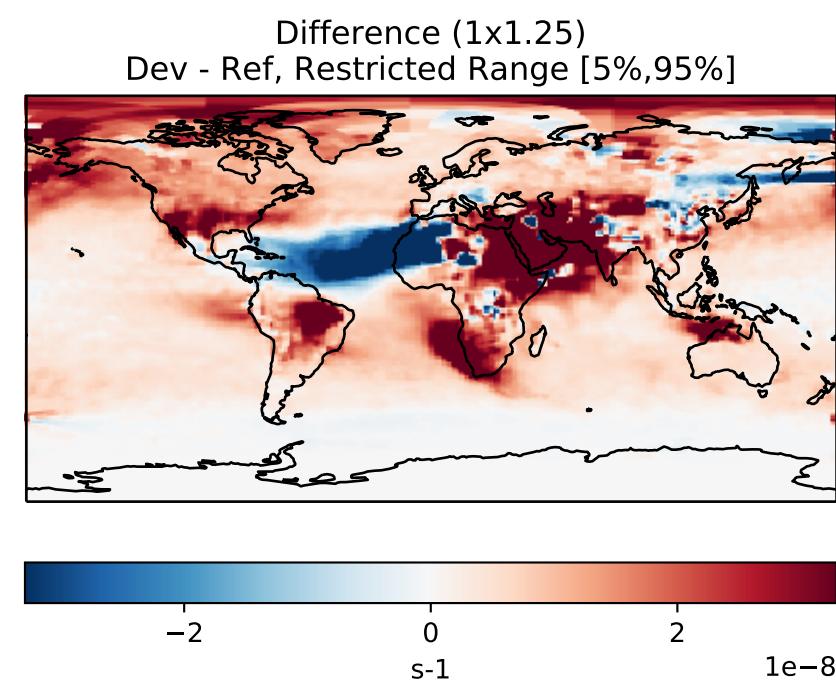
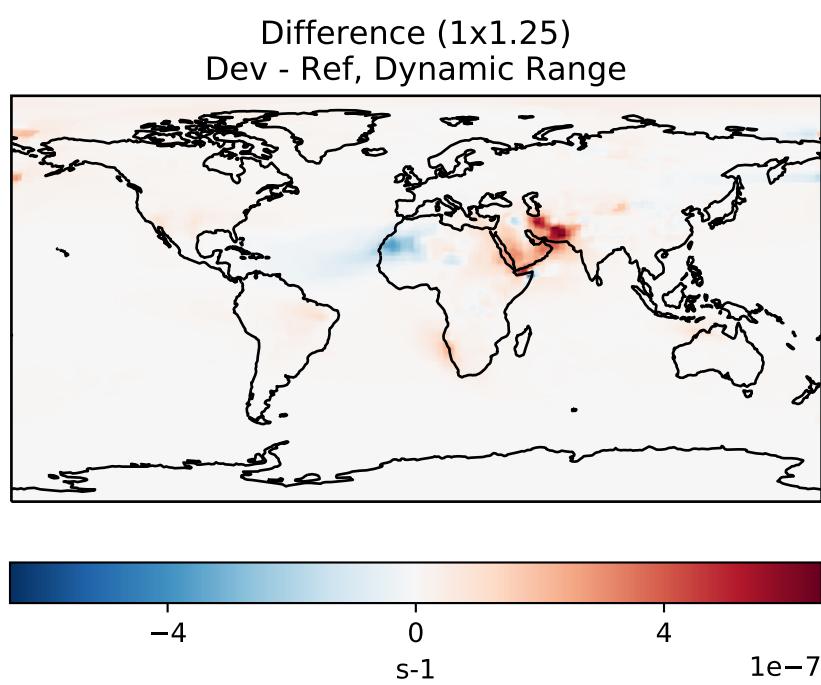
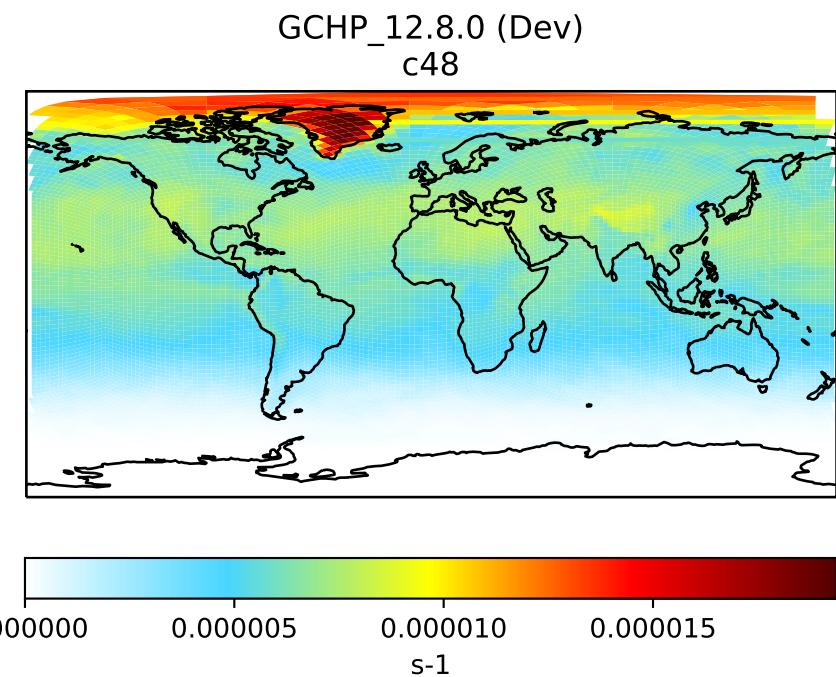
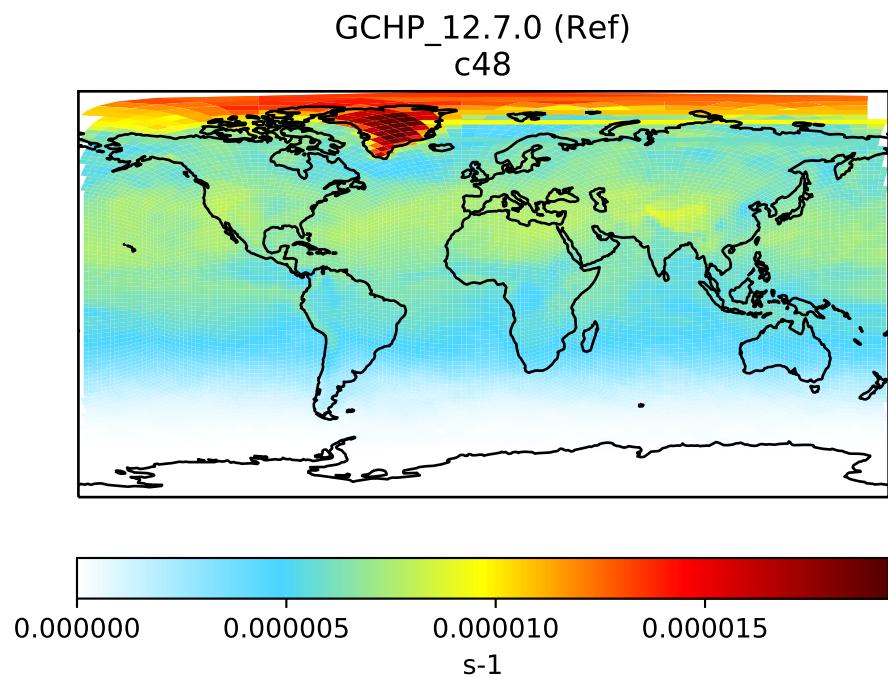
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

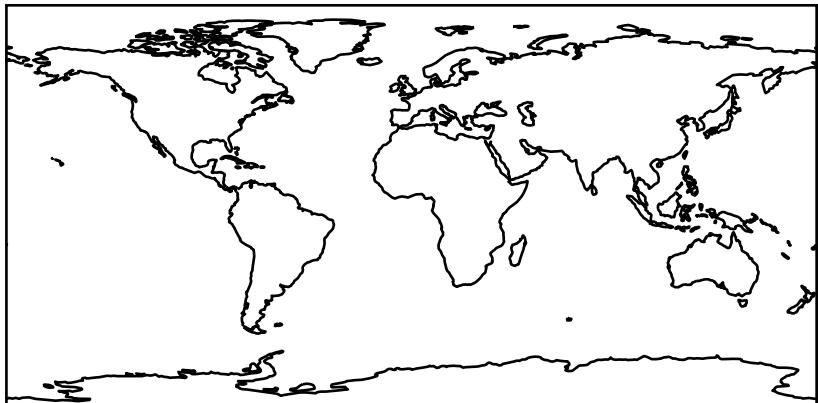


Jval_HNO4



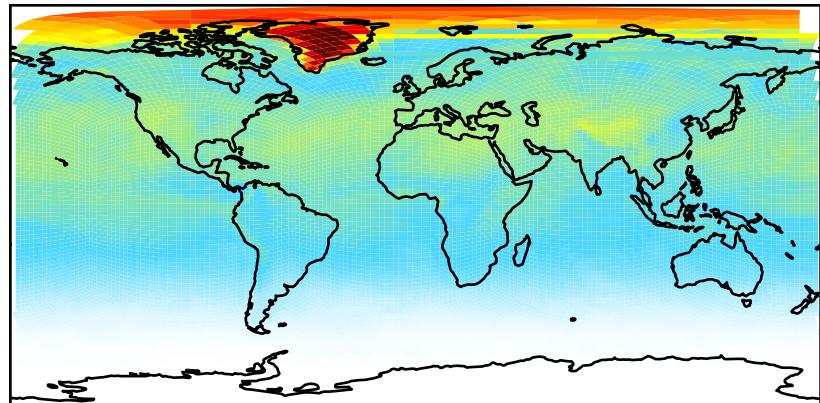
Jval_HOBR

GCHP_12.7.0 (Ref)
c48



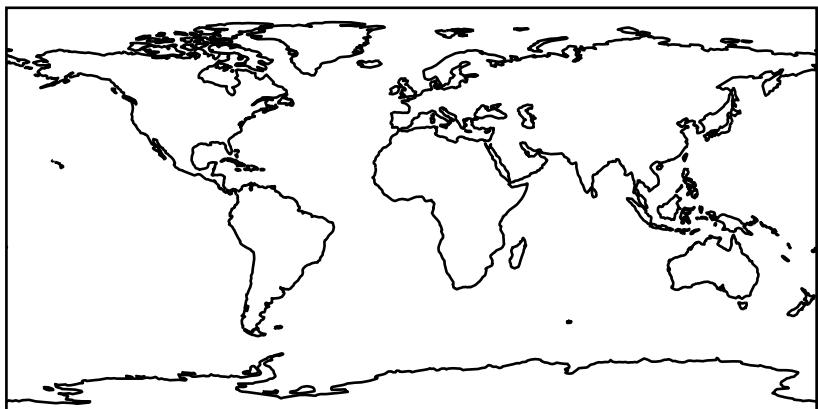
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s-1

GCHP_12.8.0 (Dev)
c48



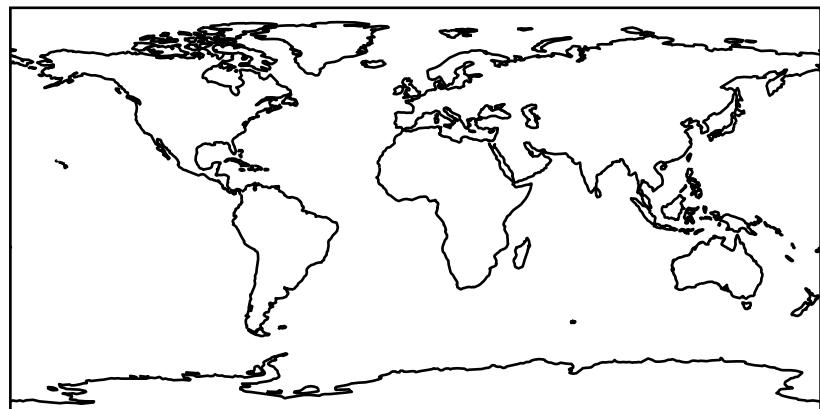
0.0000 0.0008 0.0016 0.0024
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



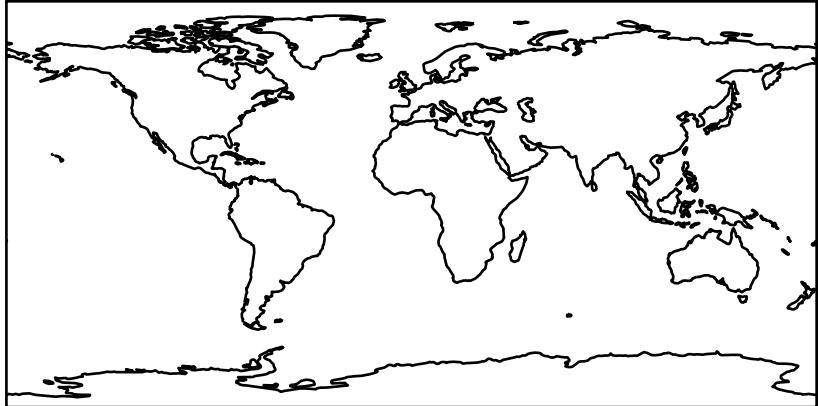
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



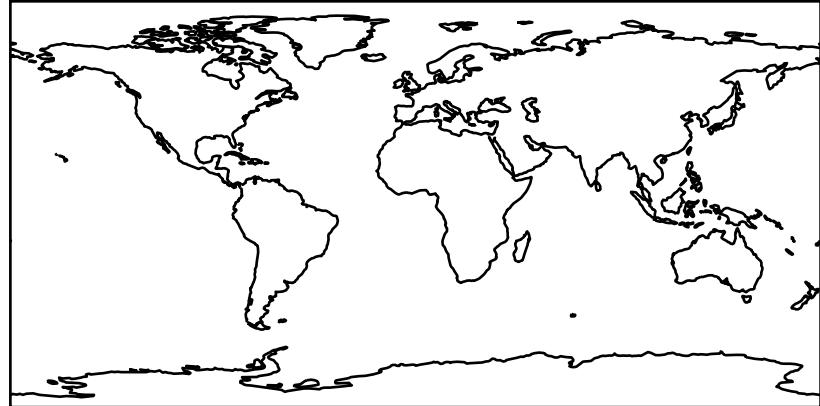
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s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

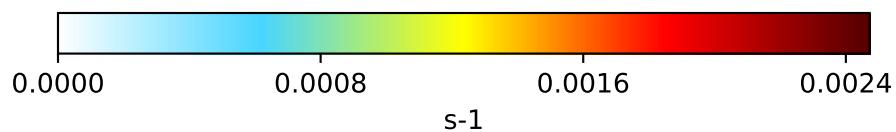
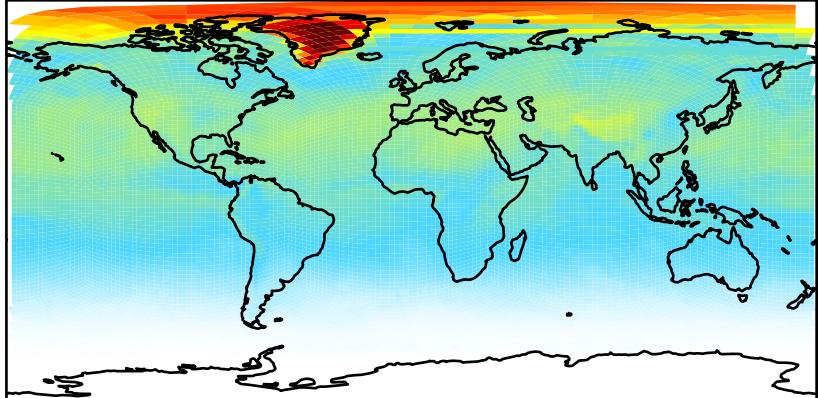
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



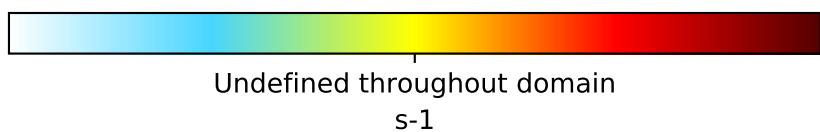
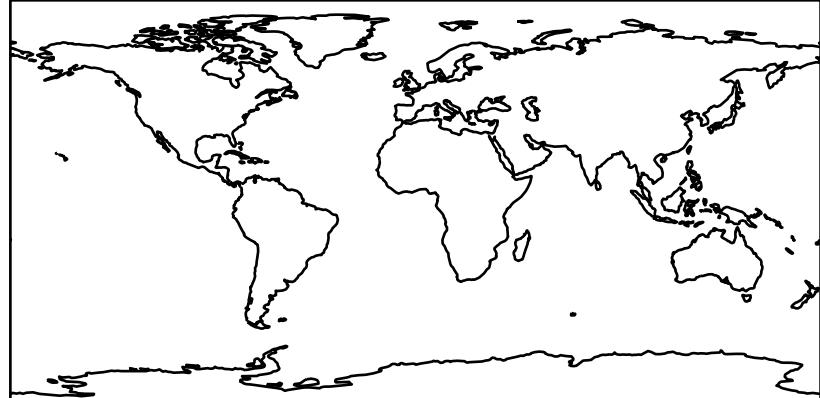
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unitless

Jval_HOBr

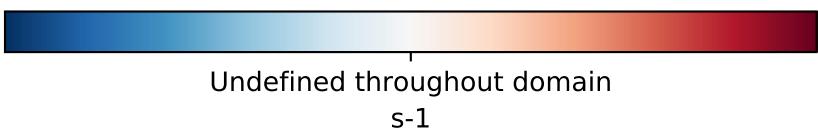
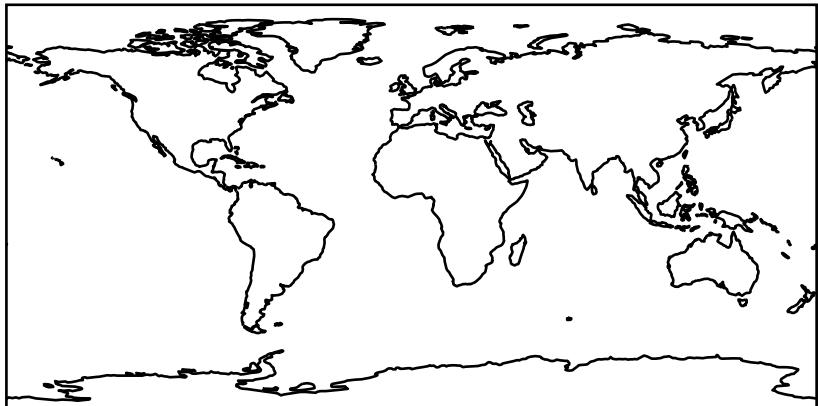
GCHP_12.7.0 (Ref)
c48



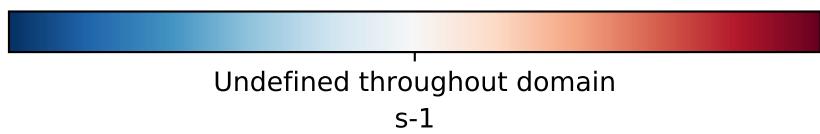
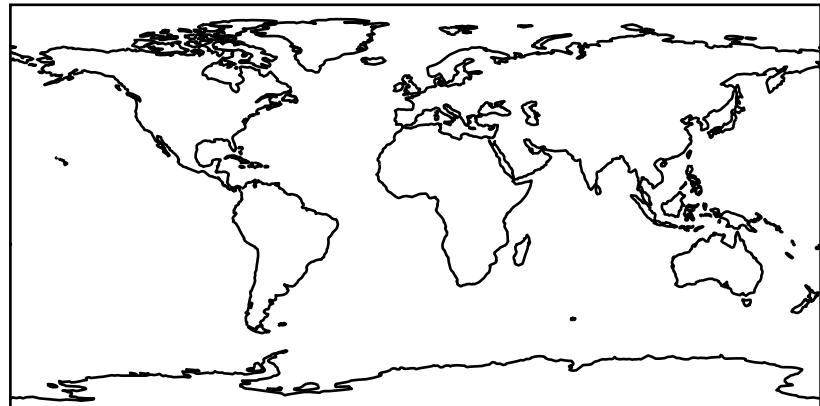
GCHP_12.8.0 (Dev)
c48



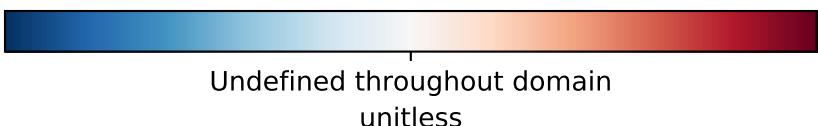
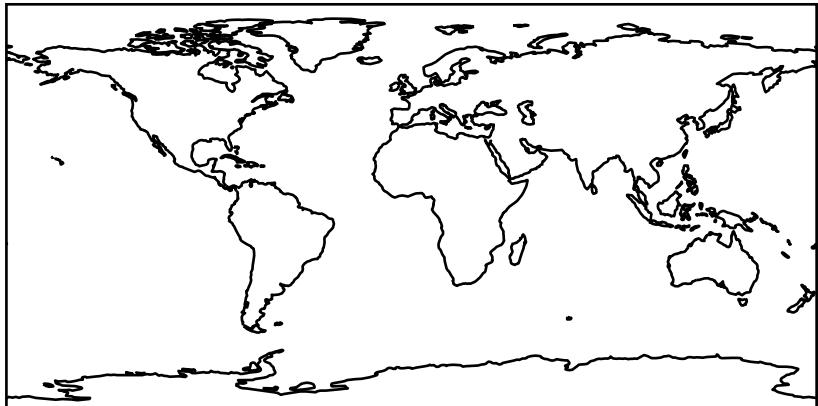
Difference (1x1.25)
Dev - Ref, Dynamic Range



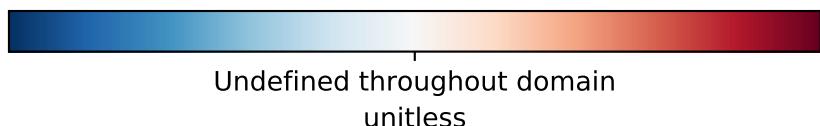
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

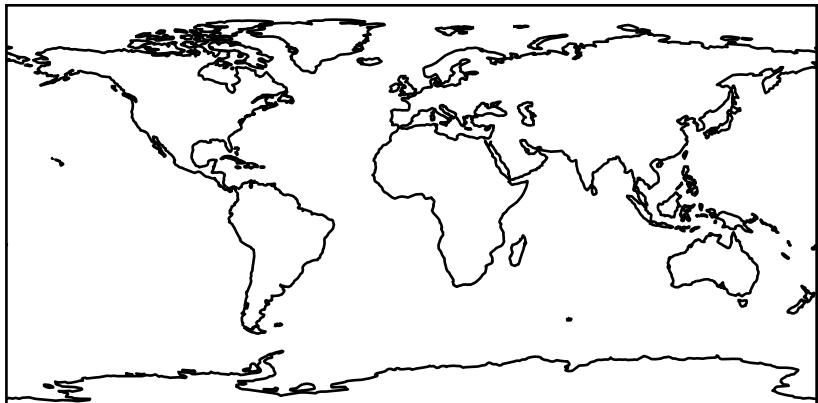


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



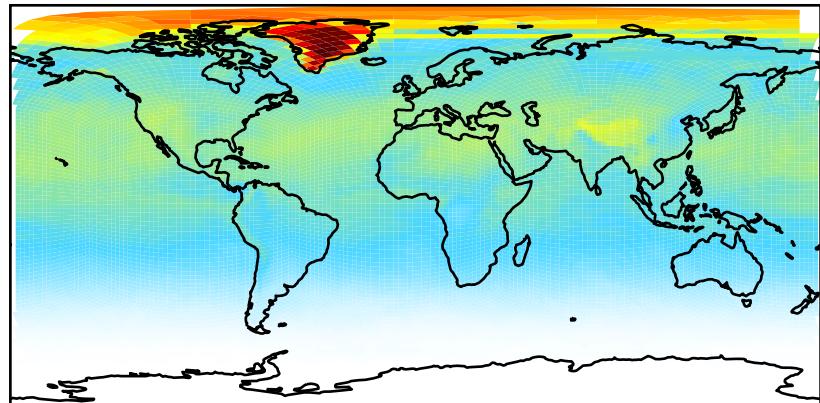
Jval_HOCL

GCHP_12.7.0 (Ref)
c48



Undefined throughout domain
s-1

GCHP_12.8.0 (Dev)
c48



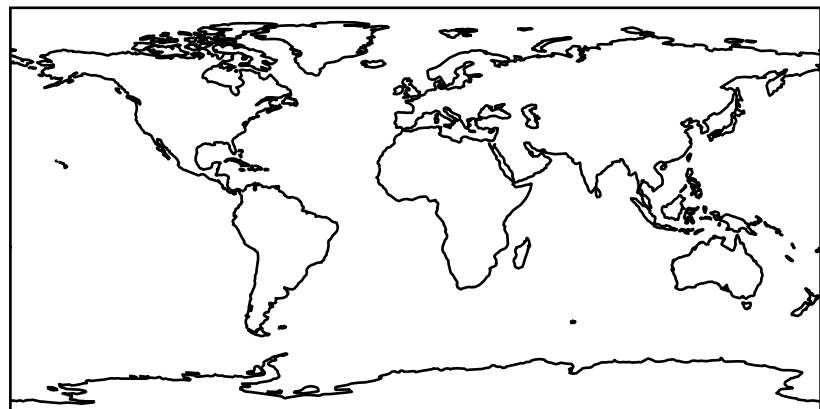
0.00000 0.00008 0.00016 0.00024
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



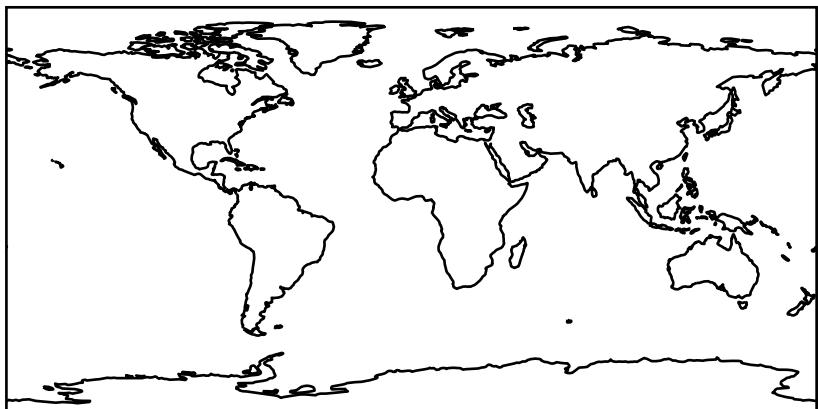
Undefined throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Undefined throughout domain
s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



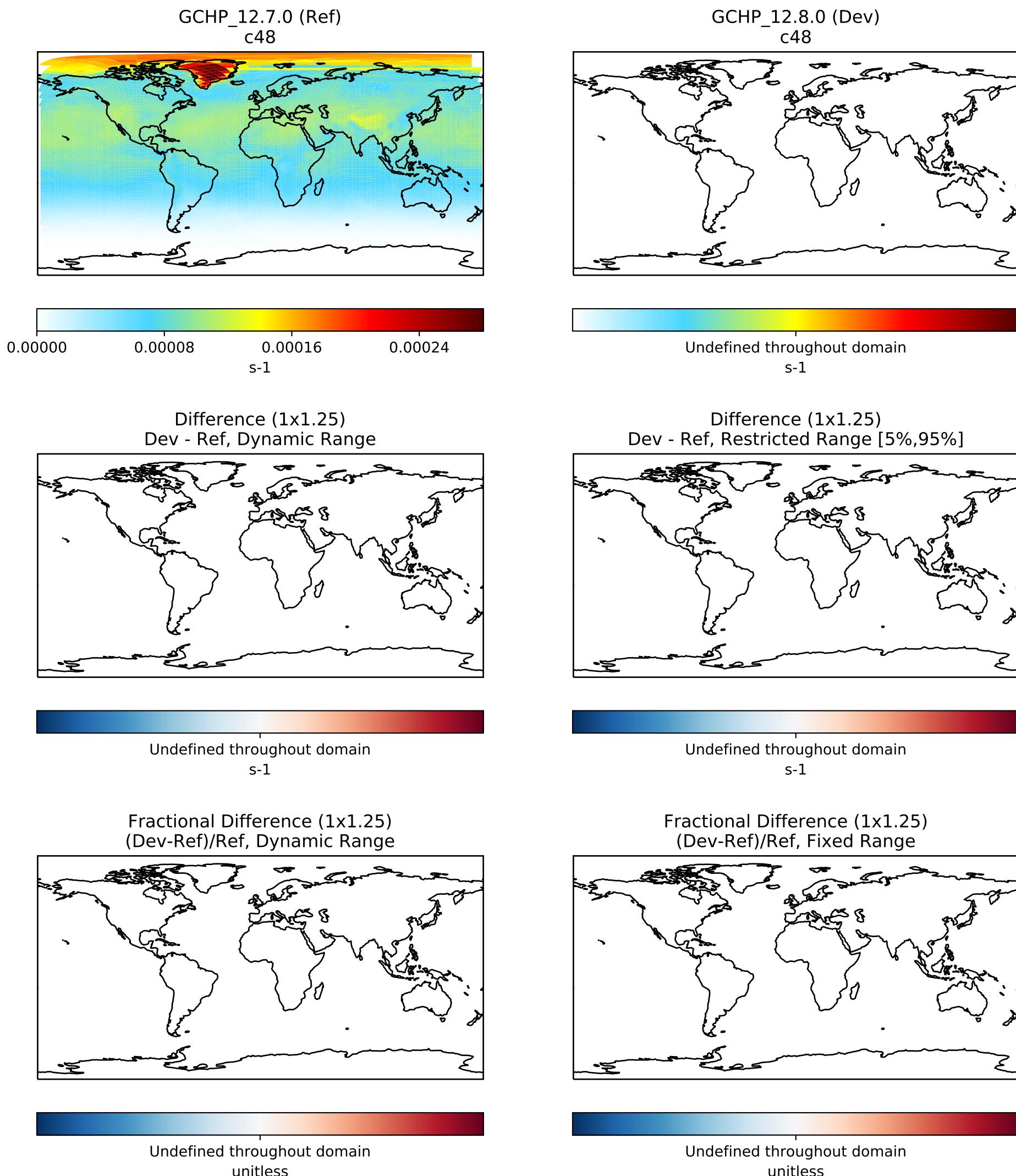
Undefined throughout domain
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



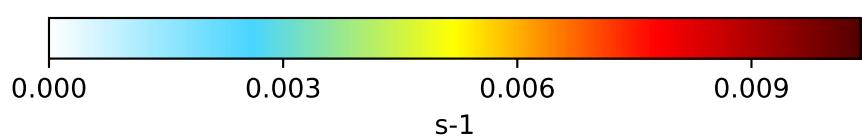
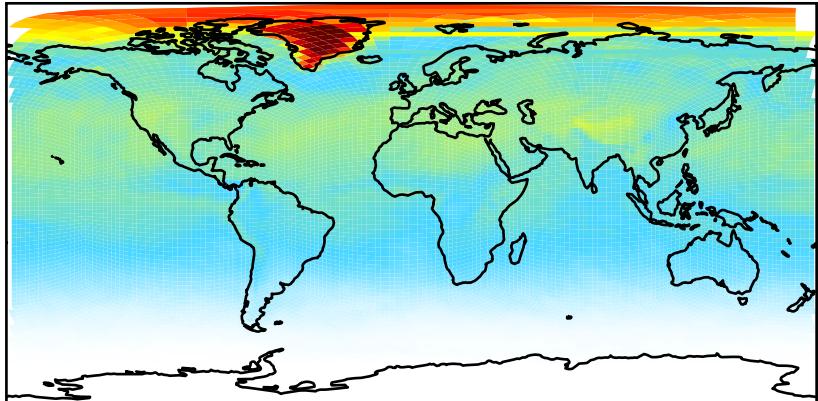
Undefined throughout domain
unitless

Jval_HOCl

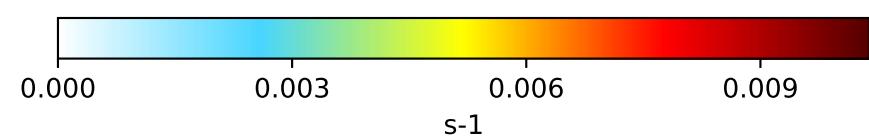
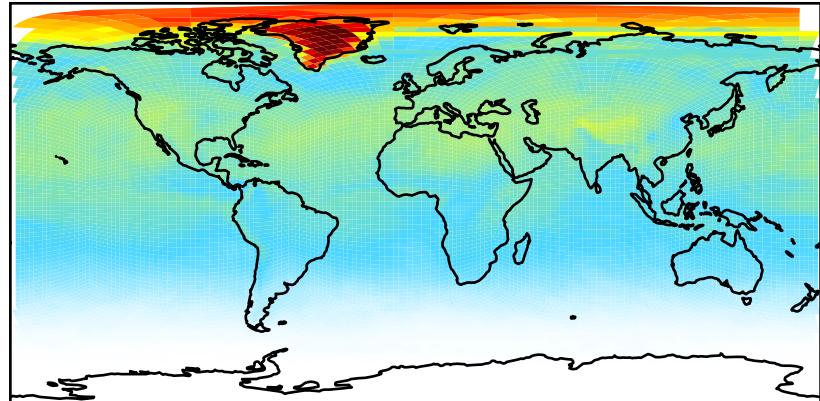


Jval_HOI

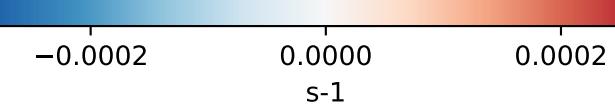
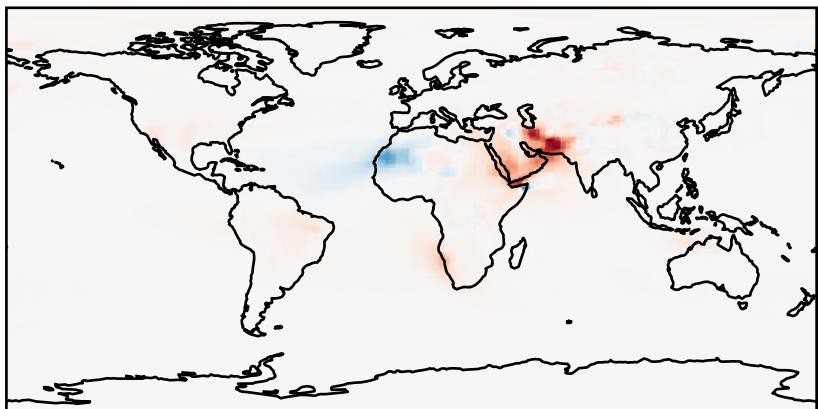
GCHP_12.7.0 (Ref)
c48



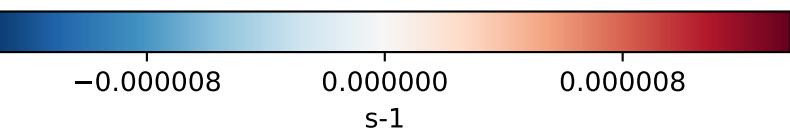
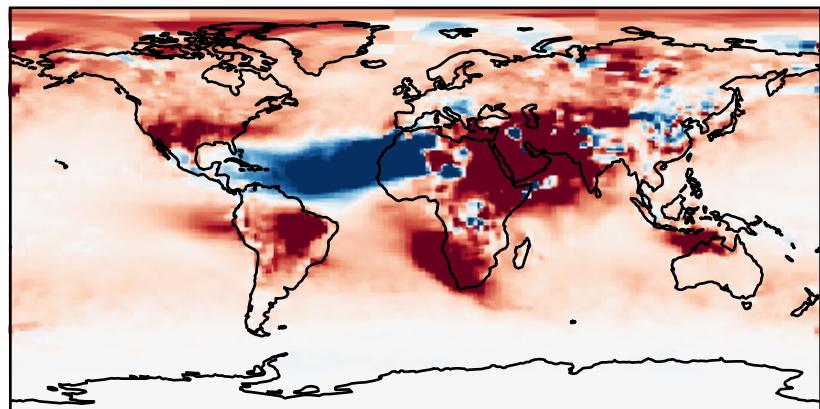
GCHP_12.8.0 (Dev)
c48



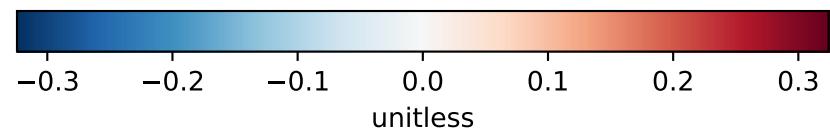
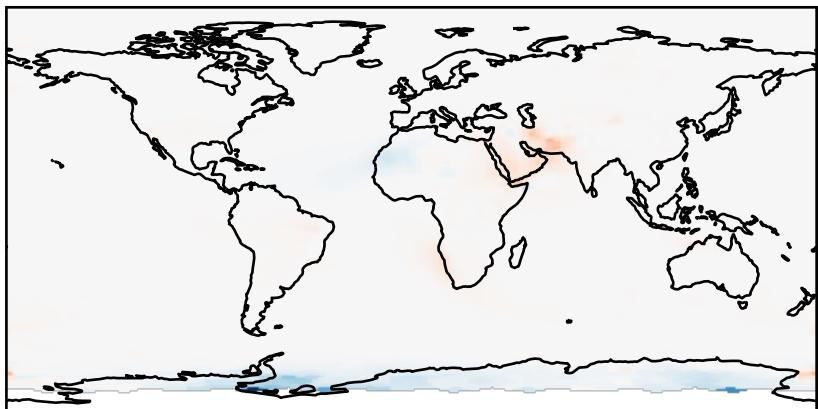
Difference (1x1.25)
Dev - Ref, Dynamic Range



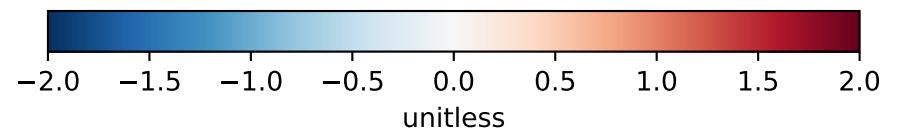
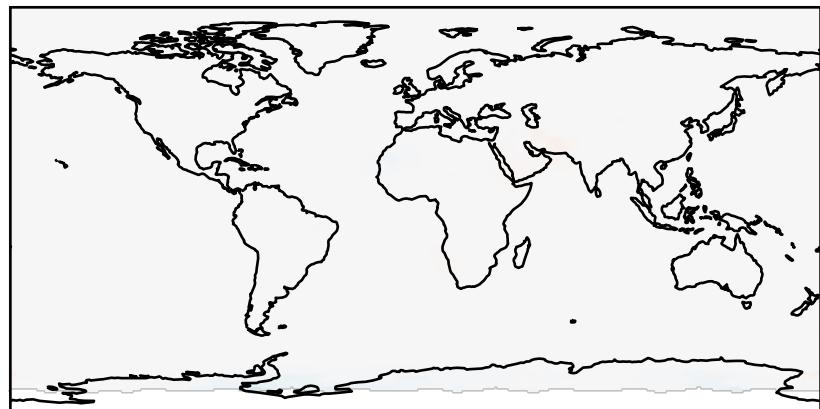
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

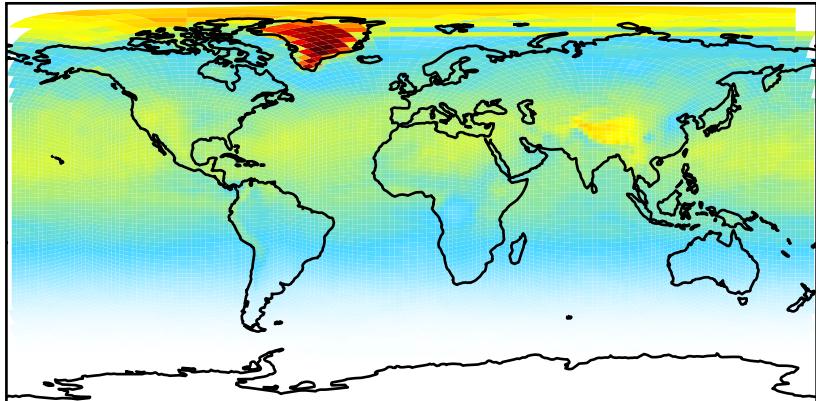


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



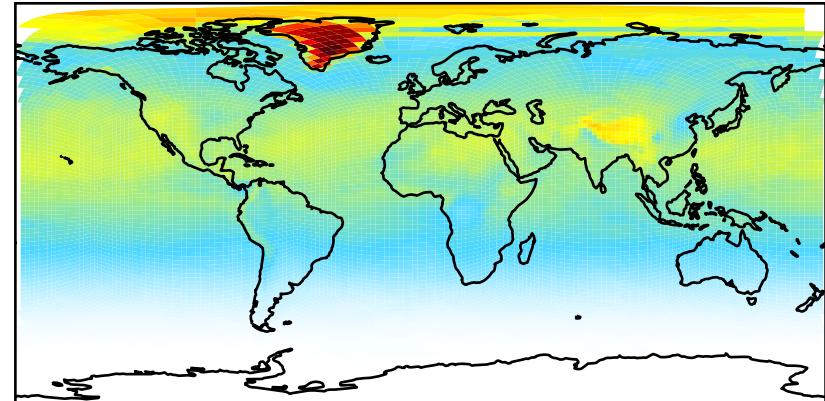
Jval_HONIT

GCHP_12.7.0 (Ref)
c48



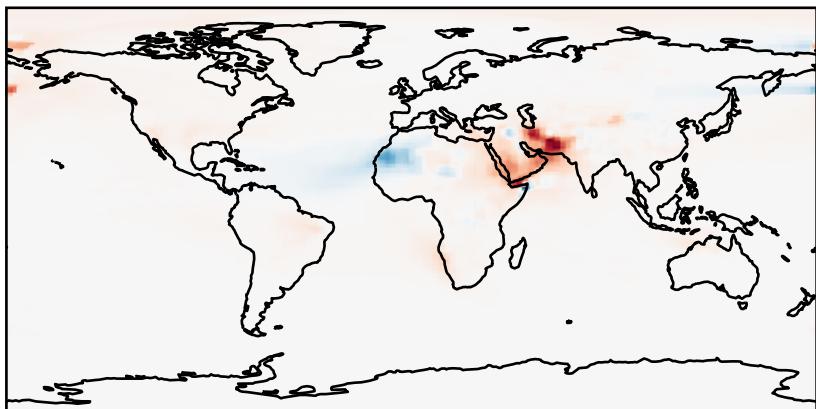
0.0000000 0.0000005 0.0000010 0.0000015
s-1

GCHP_12.8.0 (Dev)
c48



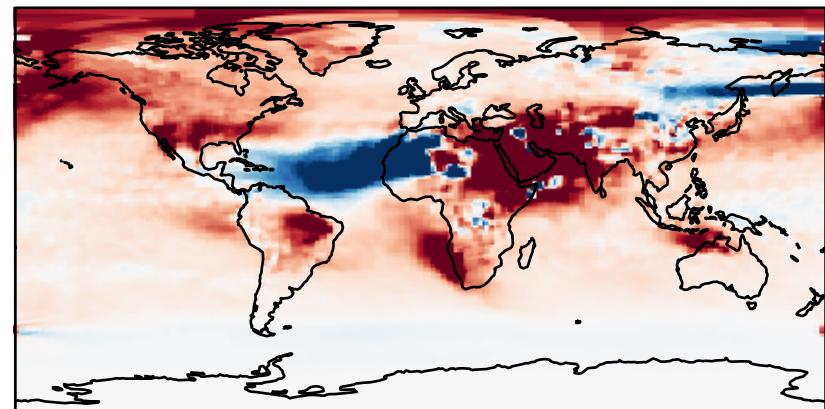
0.0000000 0.0000005 0.0000010 0.0000015
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



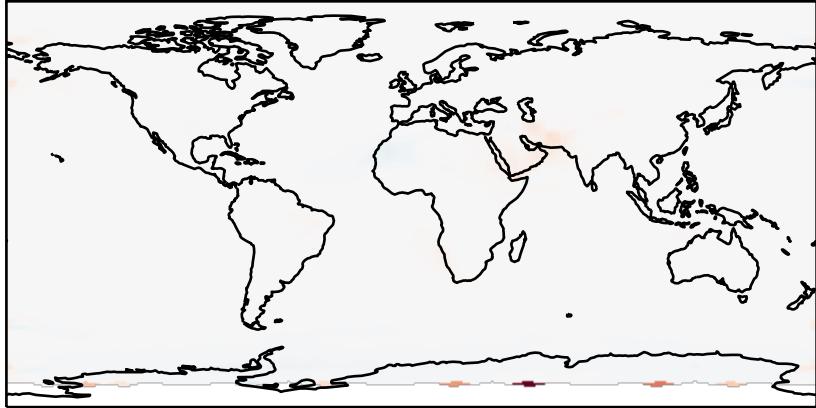
-8 0 8 1e-8
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



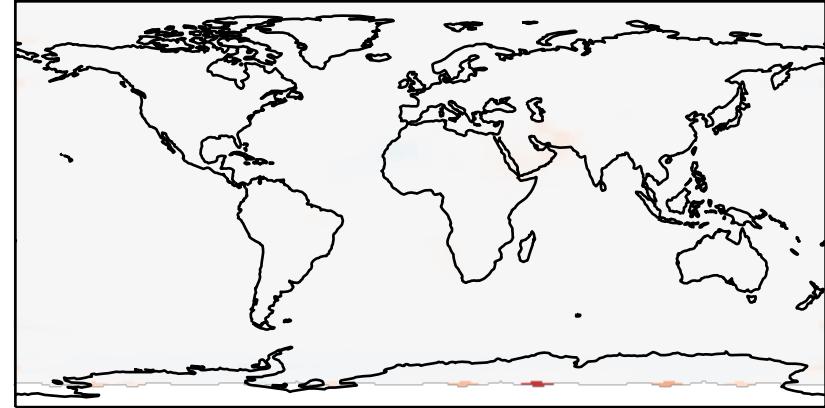
-4 0 4 1e-9
s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



-1.0 -0.5 0.0 0.5 1.0
unitless

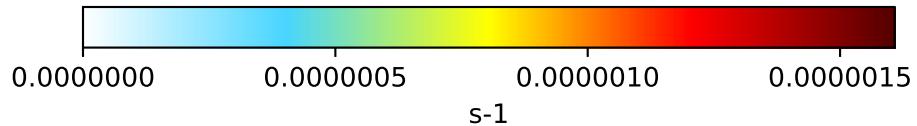
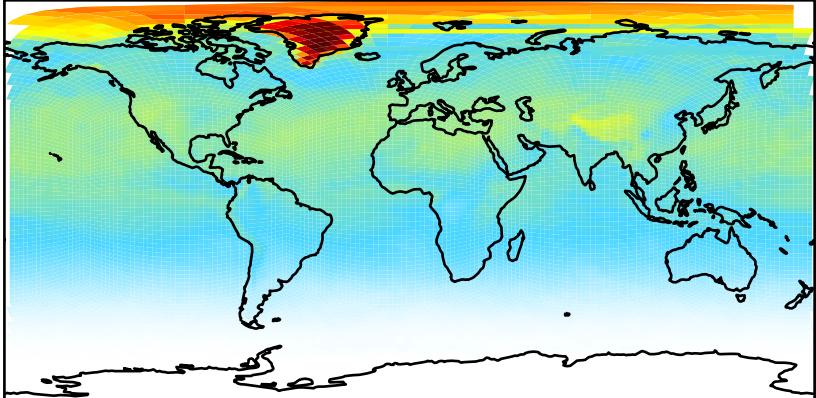
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



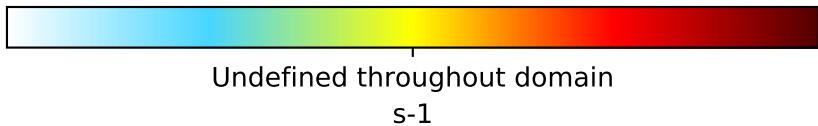
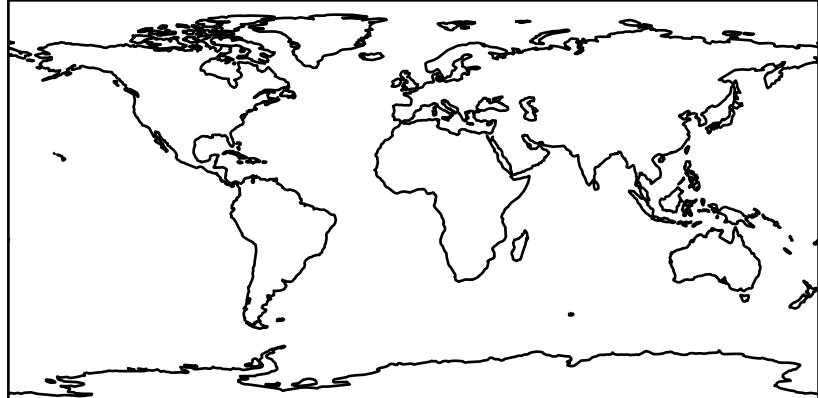
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

Jval_HPALD

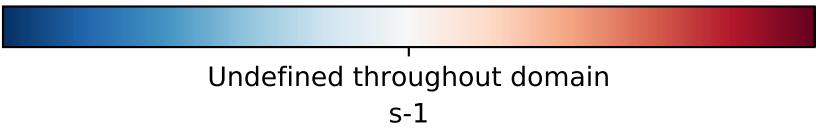
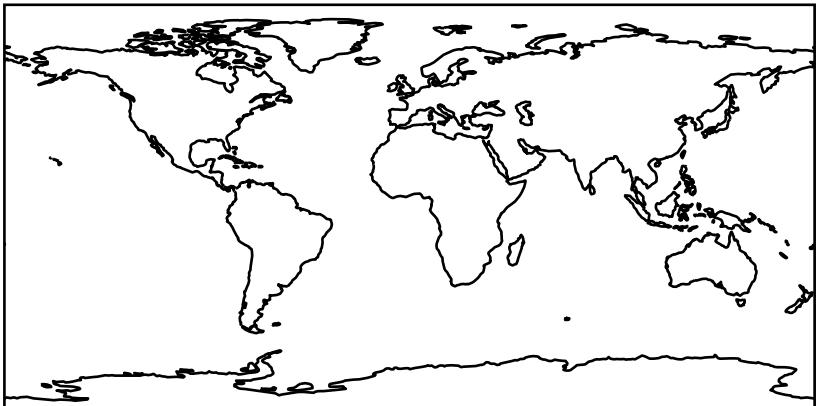
GCHP_12.7.0 (Ref)
c48



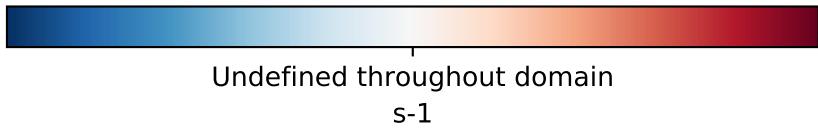
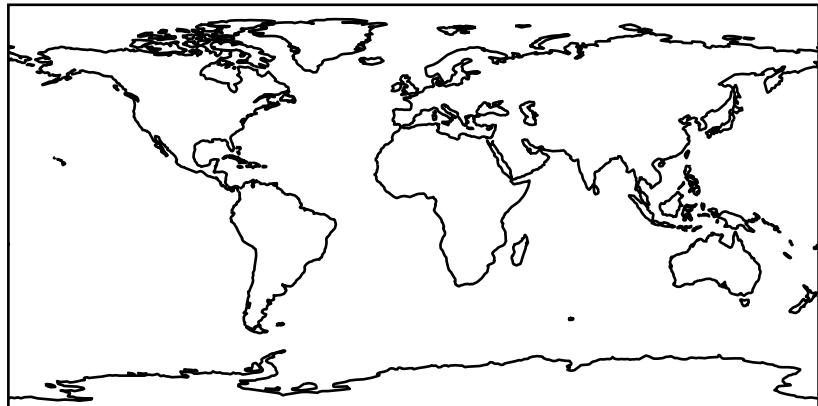
GCHP_12.8.0 (Dev)
c48



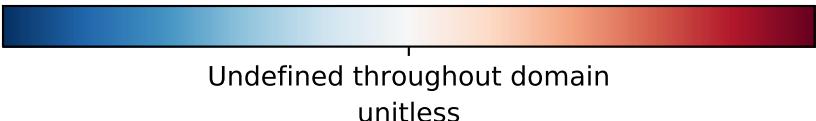
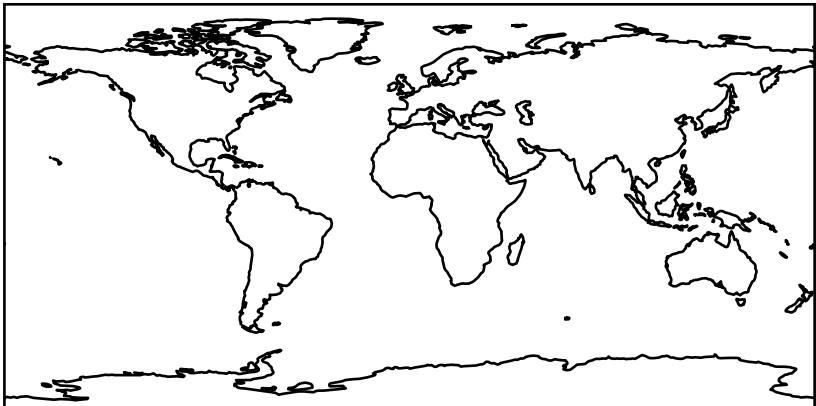
Difference (1x1.25)
Dev - Ref, Dynamic Range



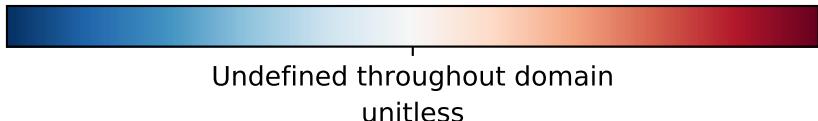
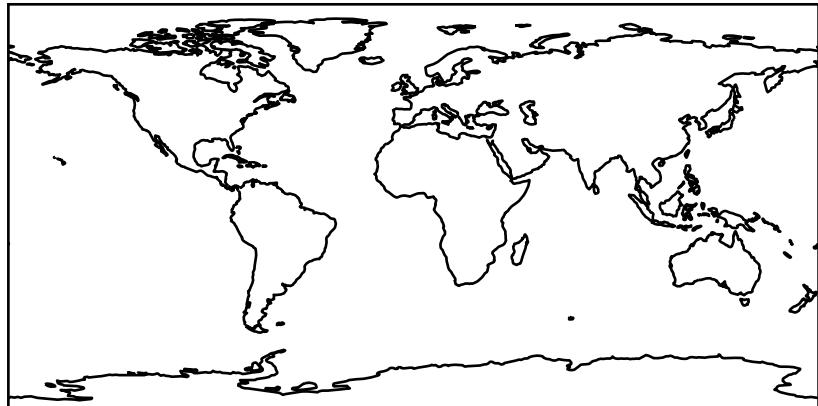
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

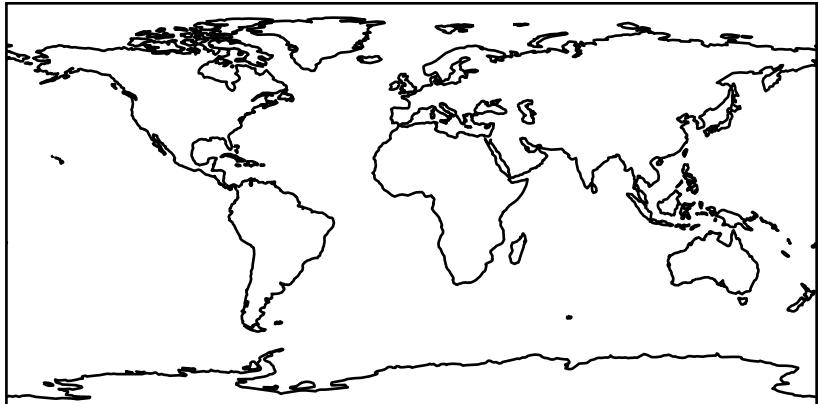


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



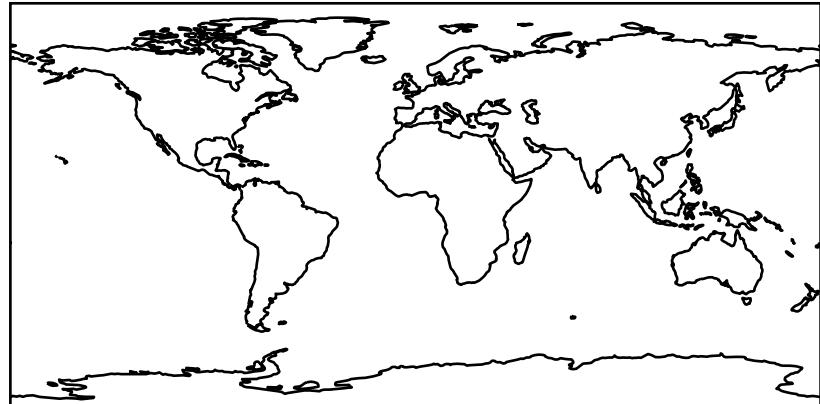
Jval_HPALD1

GCHP_12.7.0 (Ref)
c48



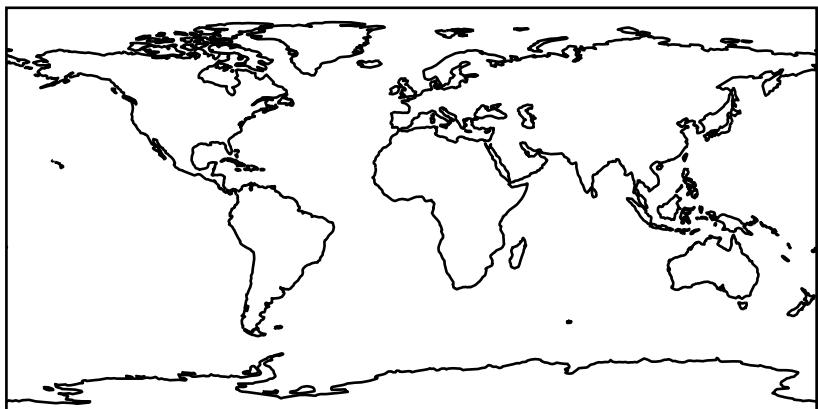
Undefined throughout domain
s-1

GCHP_12.8.0 (Dev)
c48



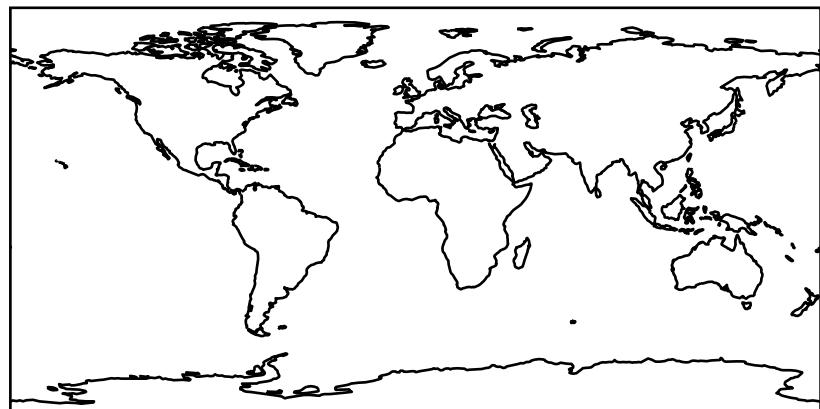
Zero throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



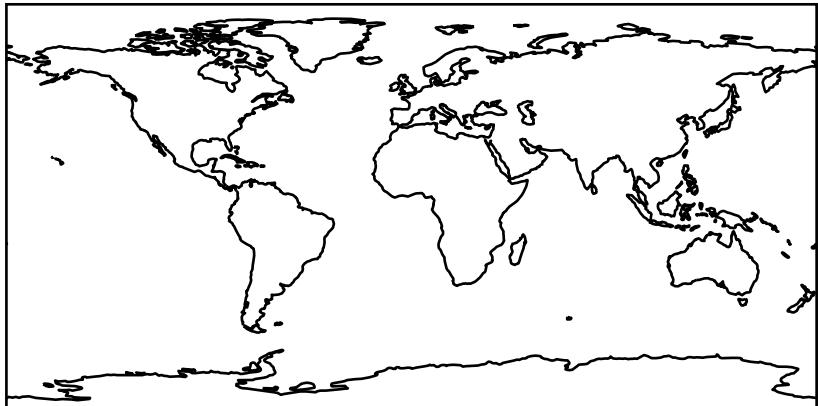
Undefined throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



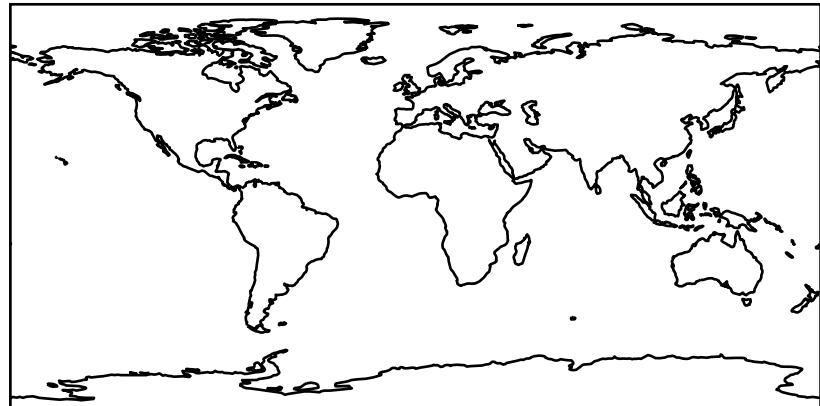
Undefined throughout domain
s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

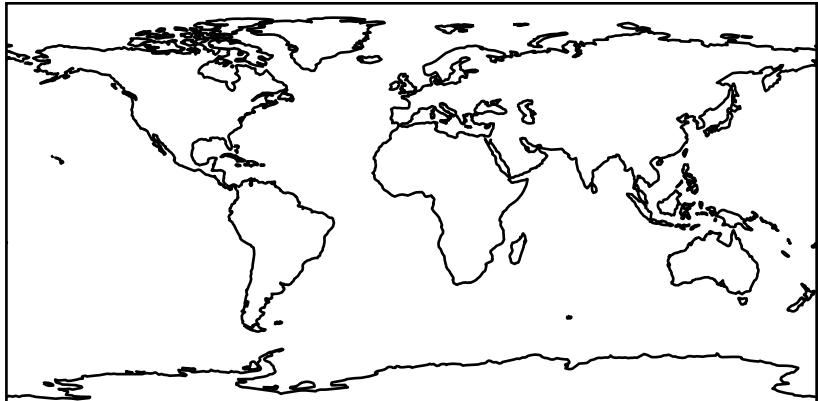
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain
unitless

Jval_HPALD2

GCHP_12.7.0 (Ref)
c48



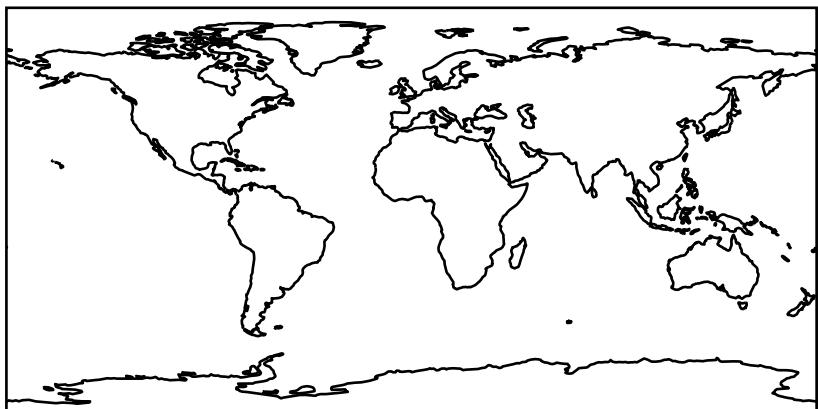
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s-1

GCHP_12.8.0 (Dev)
c48



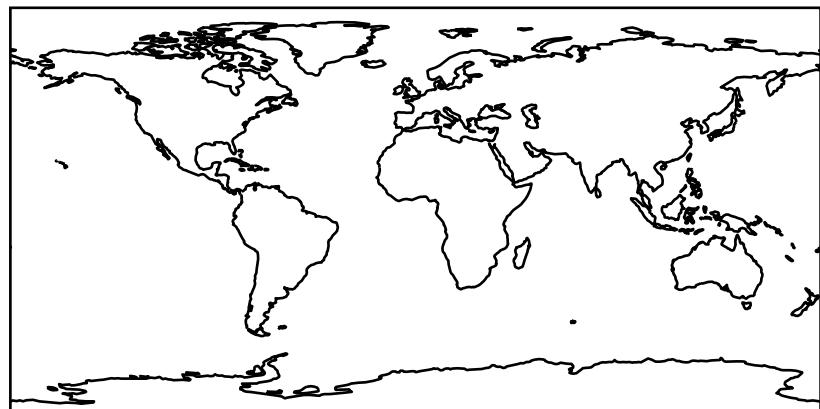
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s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



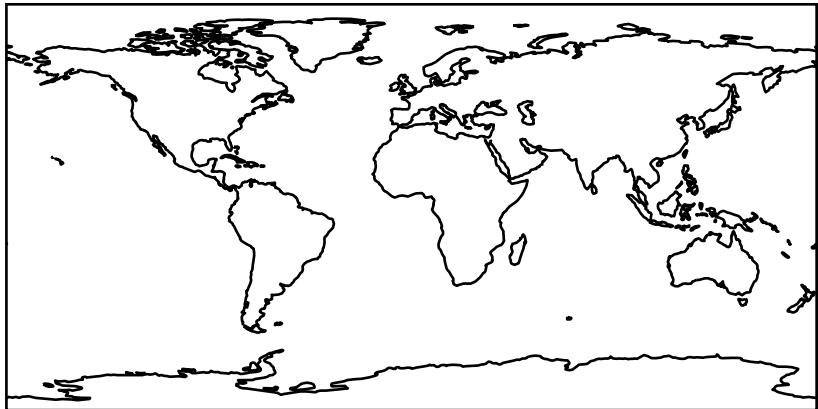
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



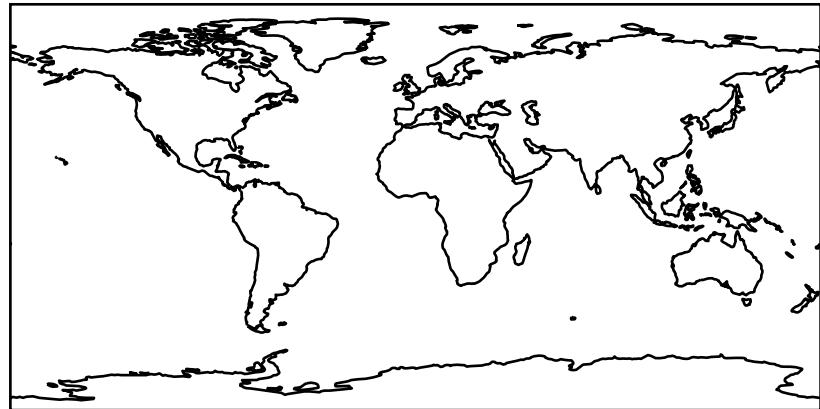
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s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

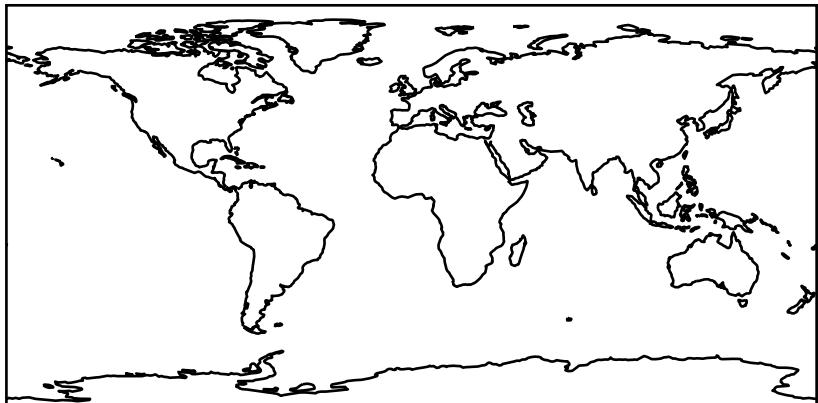
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain
unitless

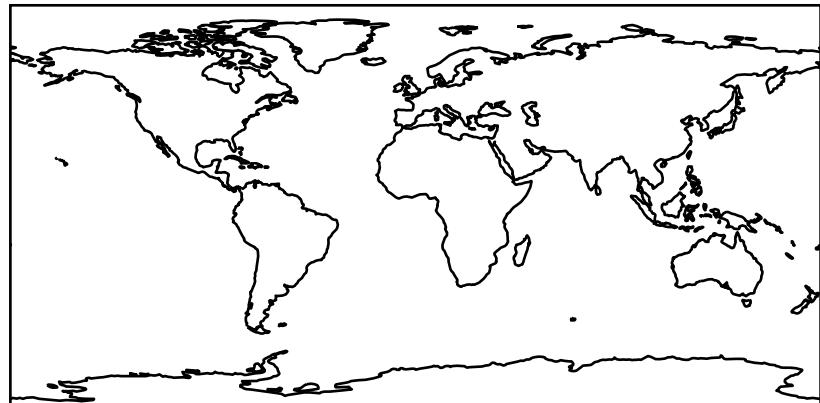
Jval_HPALD3

GCHP_12.7.0 (Ref)
c48



Undefined throughout domain
s-1

GCHP_12.8.0 (Dev)
c48



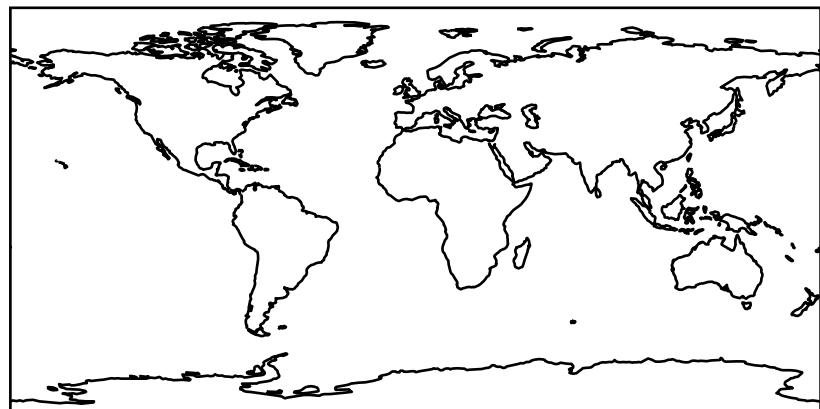
Zero throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



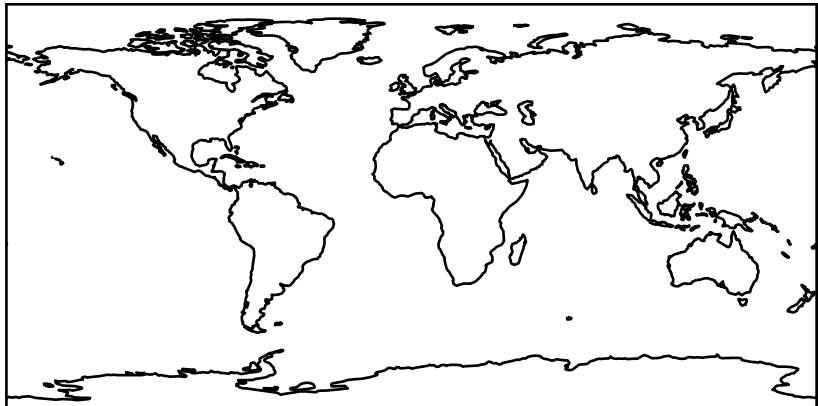
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



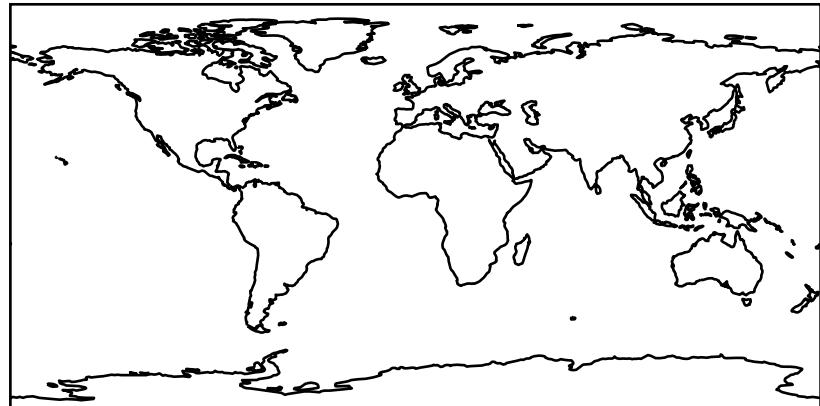
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s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain
unitless

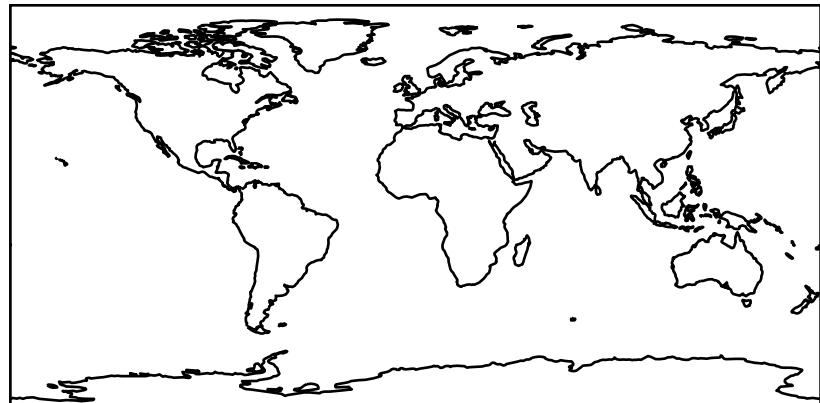
Jval_HPALD4

GCHP_12.7.0 (Ref)
c48



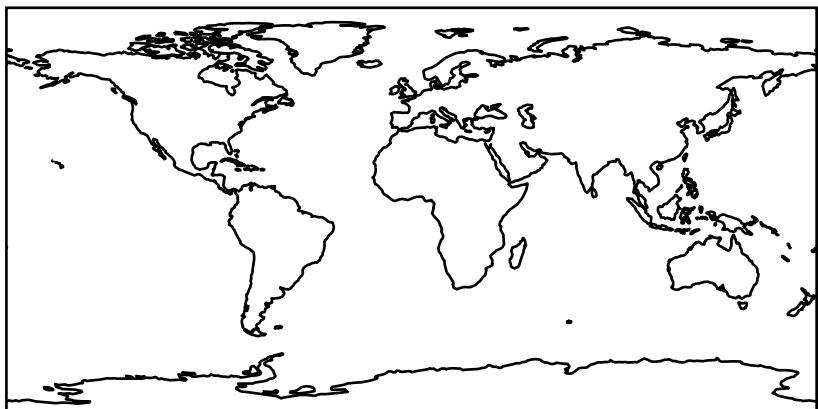
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s-1

GCHP_12.8.0 (Dev)
c48



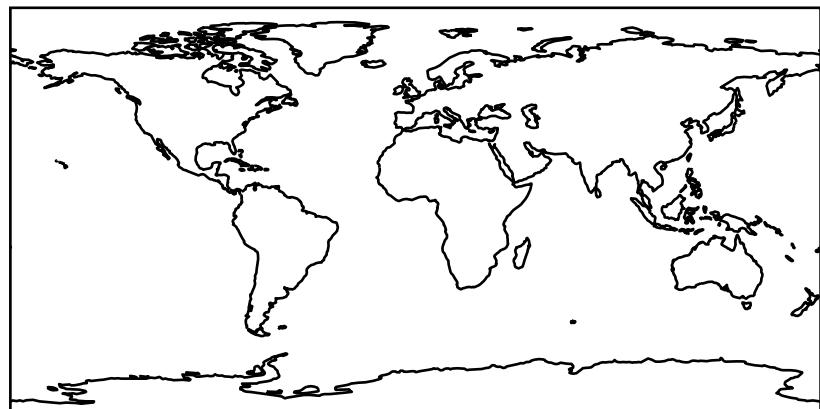
Zero throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



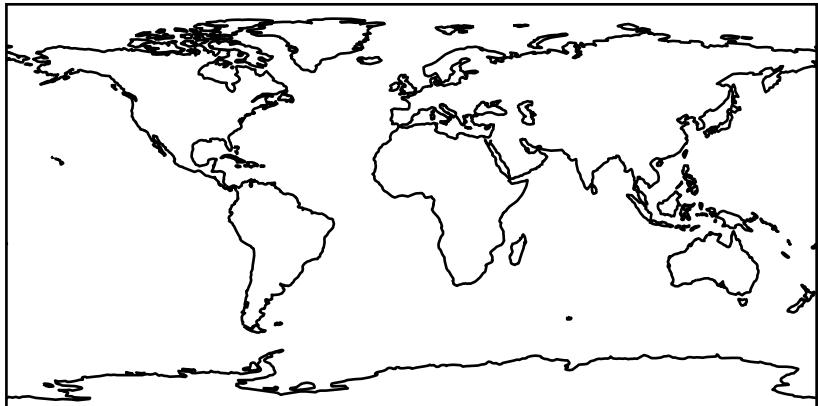
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



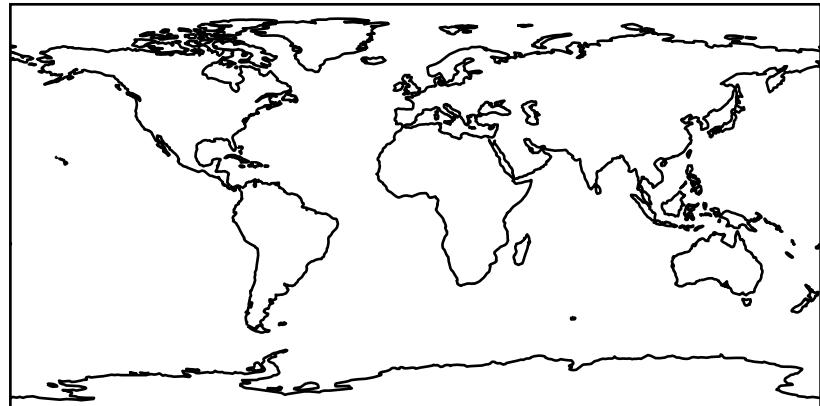
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s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

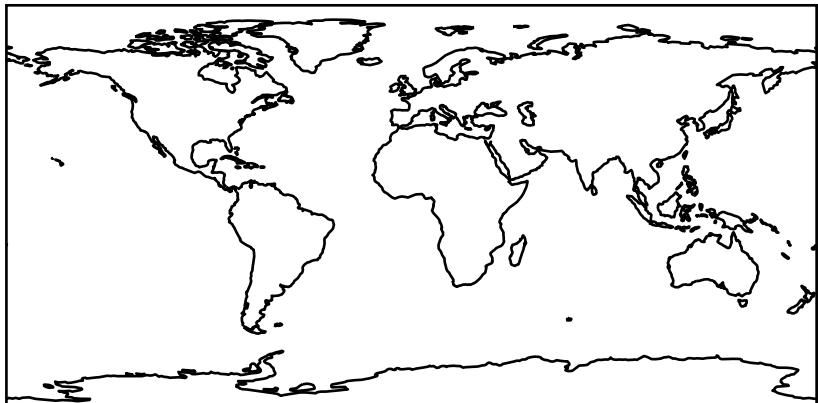
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain
unitless

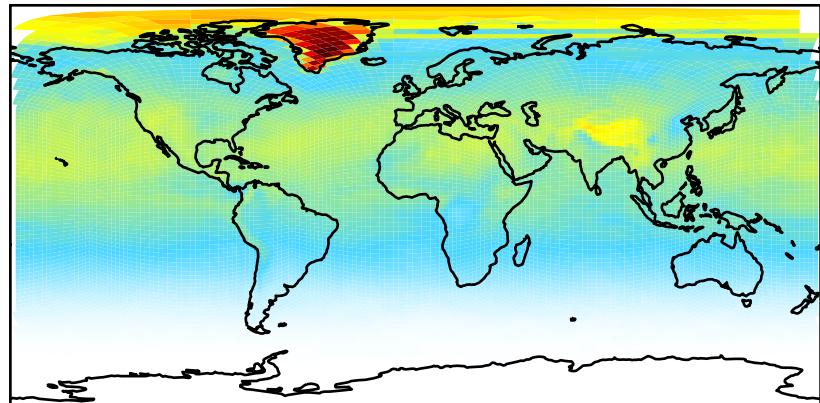
Jval_HPETHNL

GCHP_12.7.0 (Ref)
c48



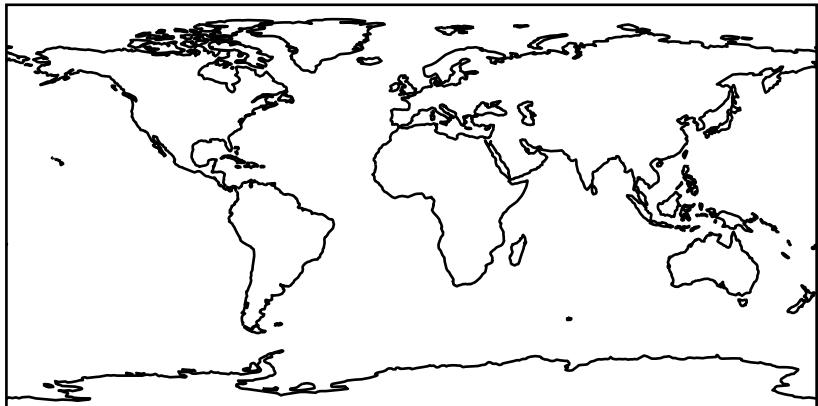
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s-1

GCHP_12.8.0 (Dev)
c48



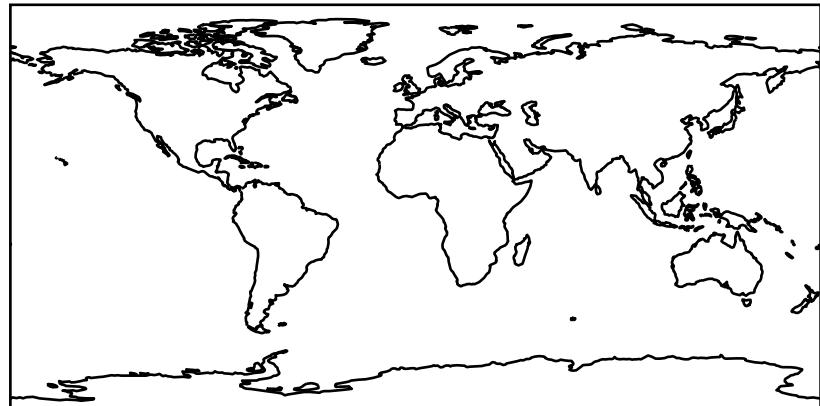
0.000000 0.000015 0.000030 0.000045
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



Undefined throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Undefined throughout domain
s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



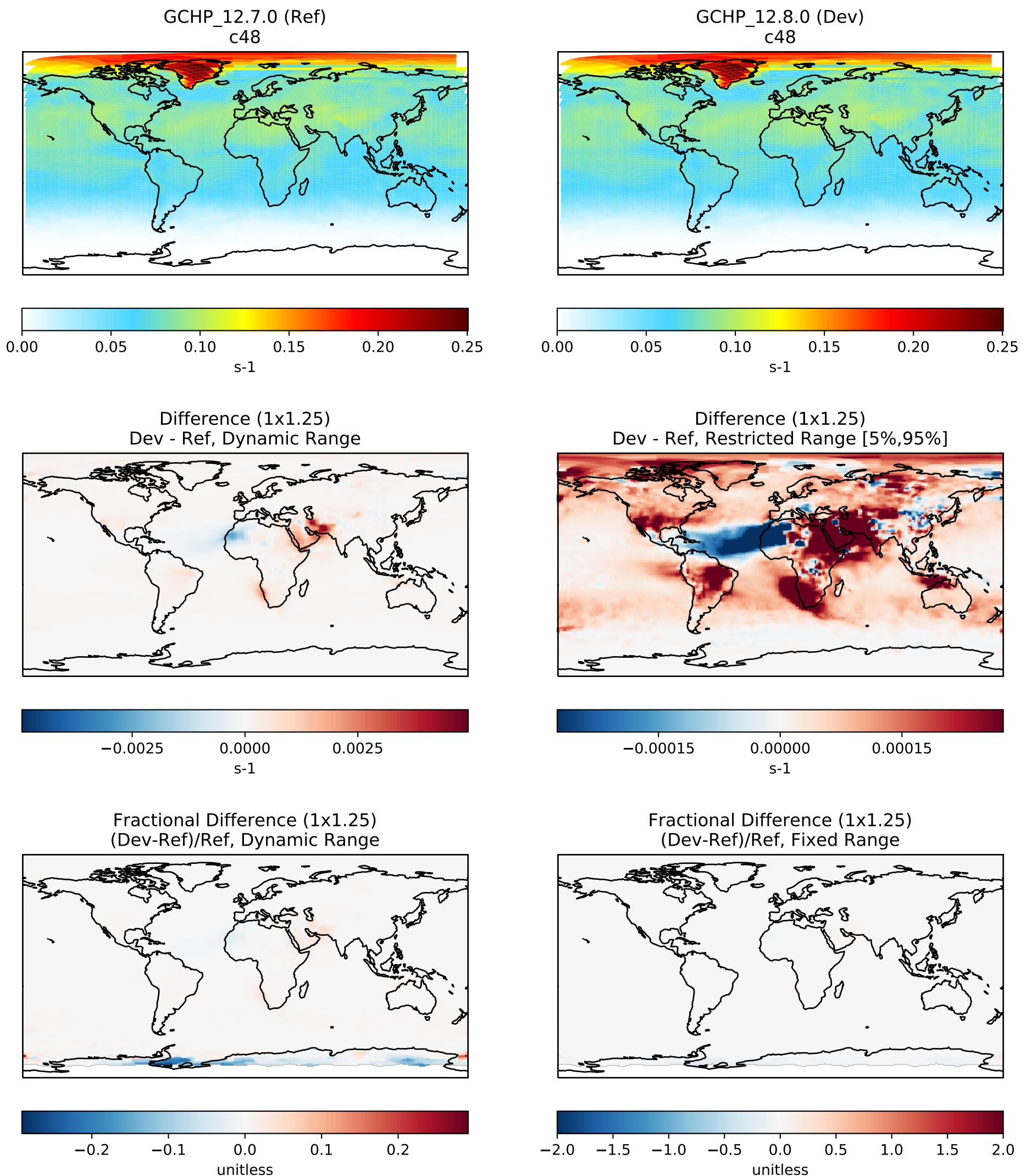
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

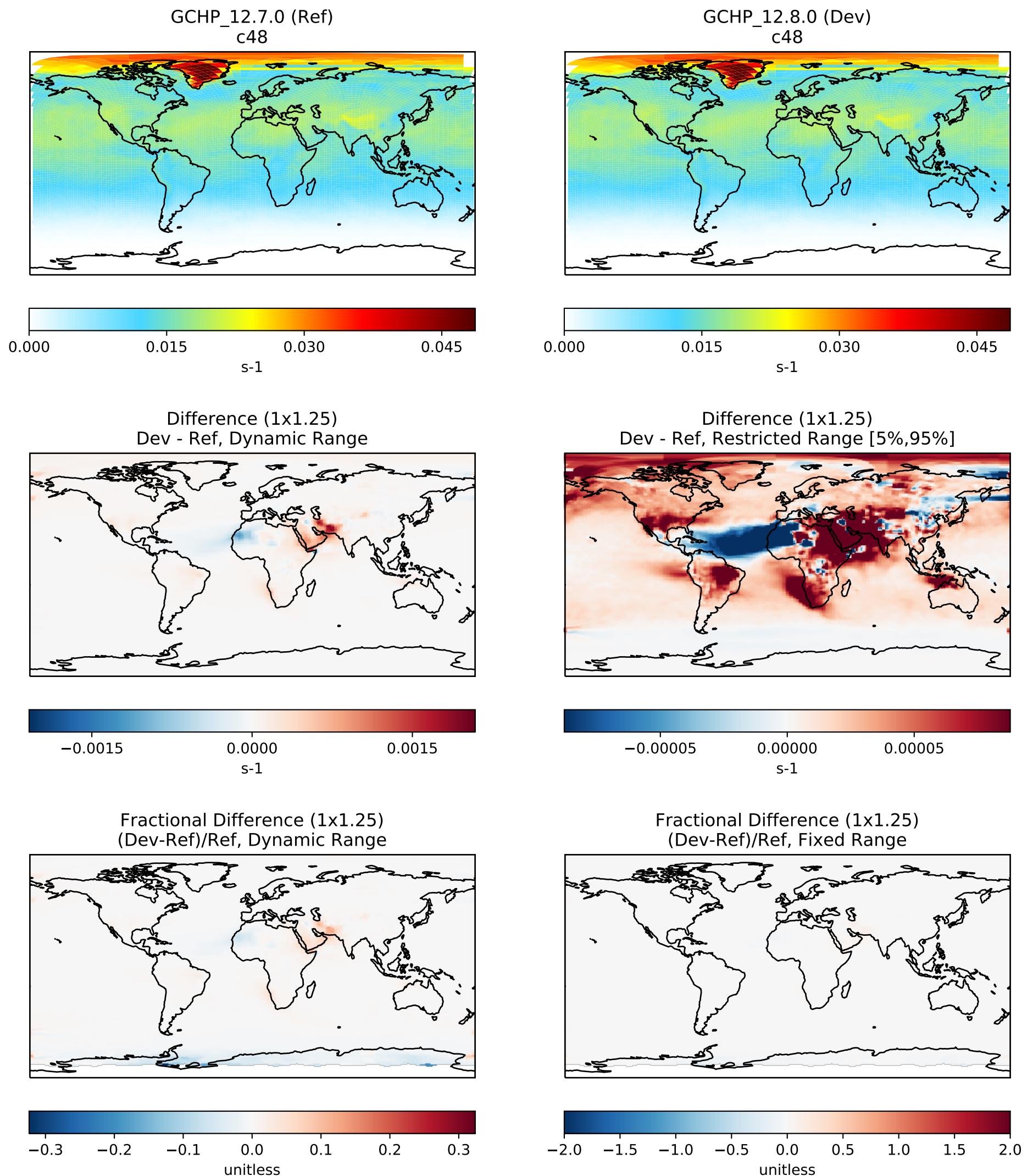


Undefined throughout domain
unitless

Jval_I2

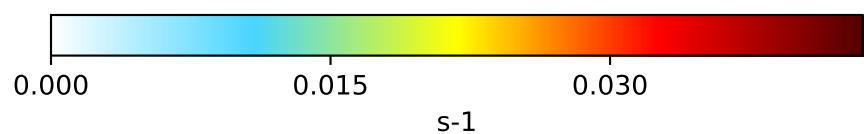
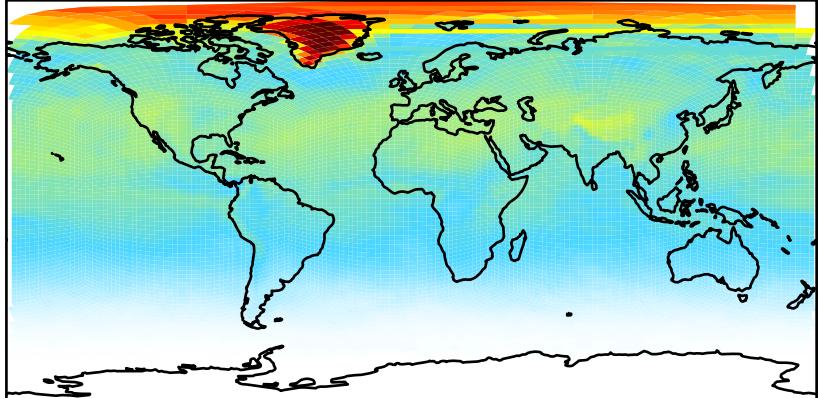


Jval_I2O2

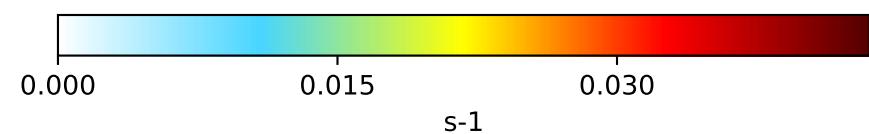
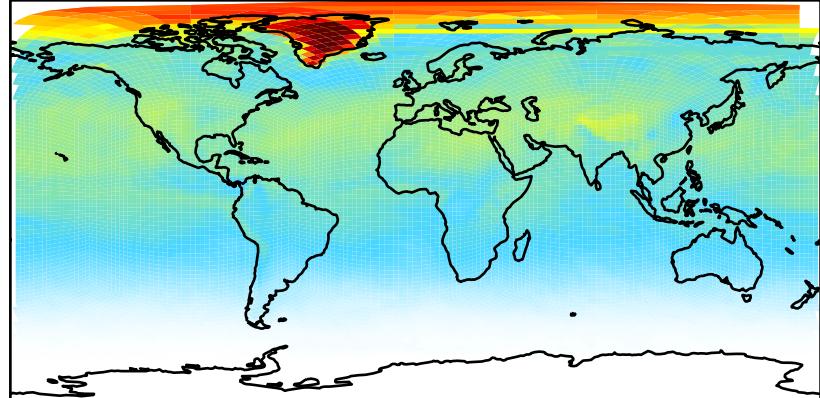


Jval_I203

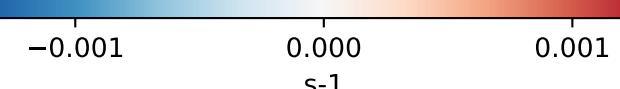
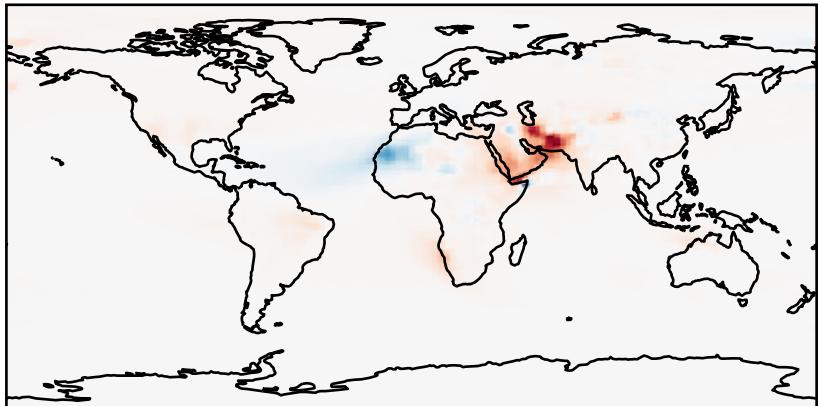
GCHP_12.7.0 (Ref)
c48



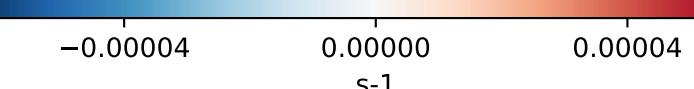
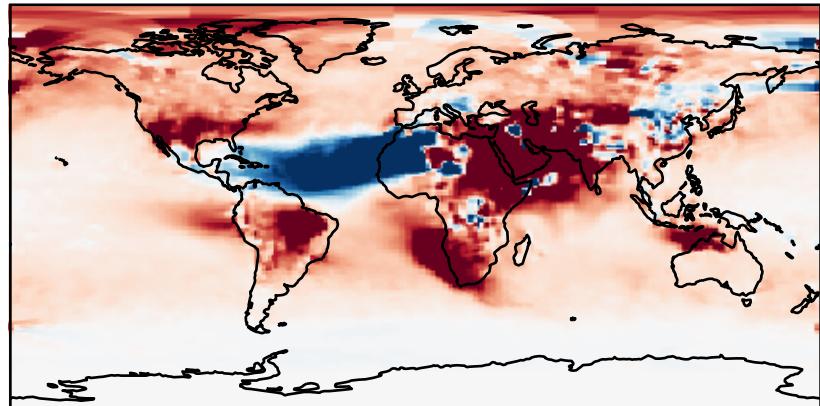
GCHP_12.8.0 (Dev)
c48



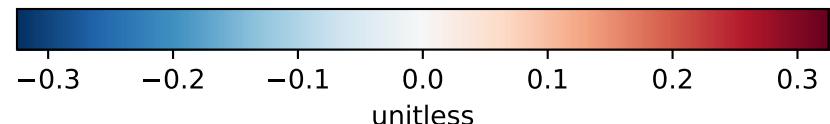
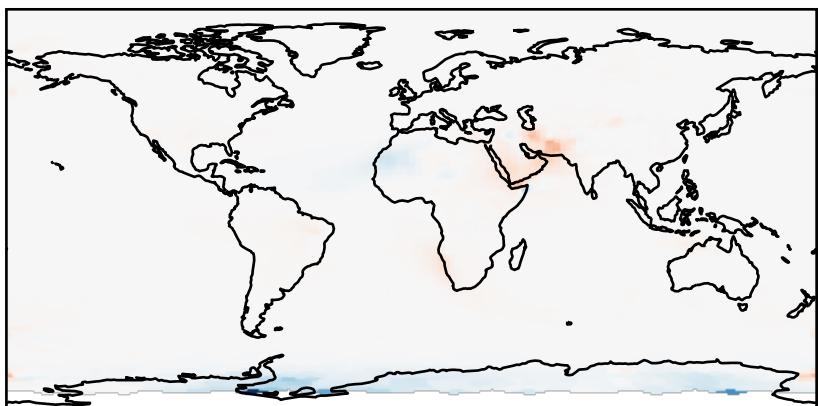
Difference (1x1.25)
Dev - Ref, Dynamic Range



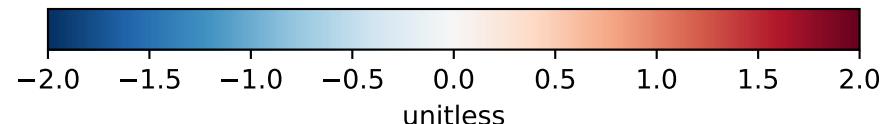
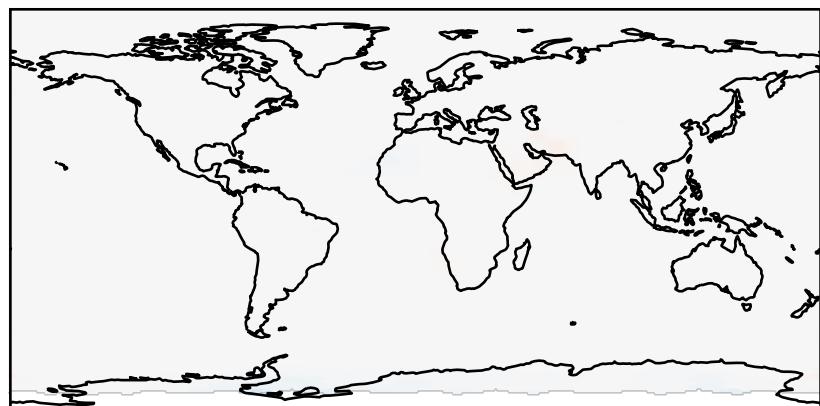
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

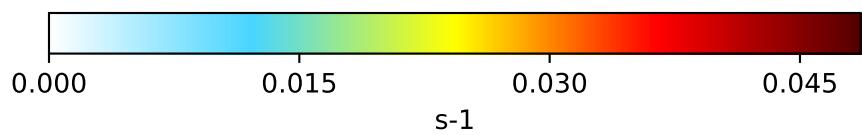
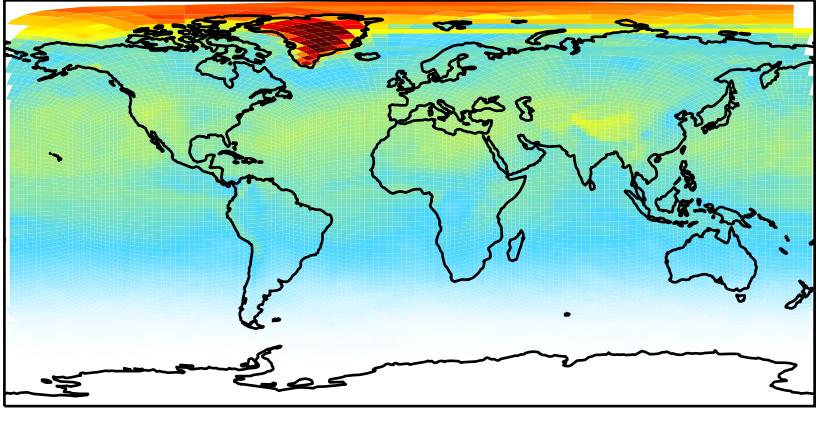


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

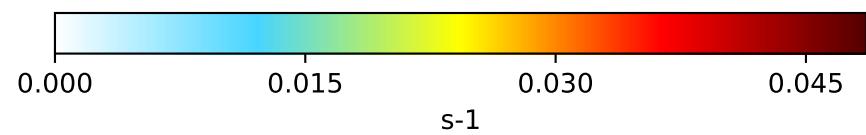
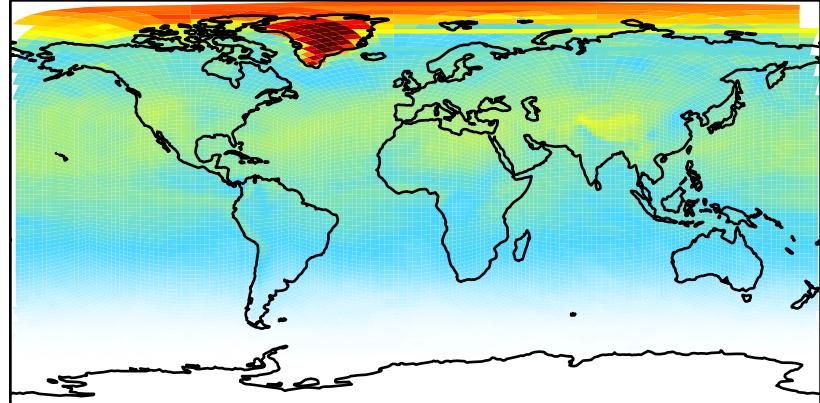


Jval_I2O4

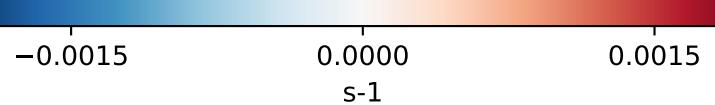
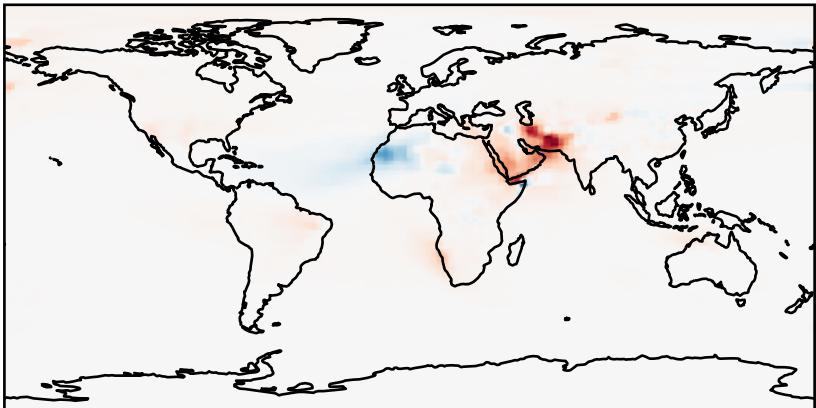
GCHP_12.7.0 (Ref)
c48



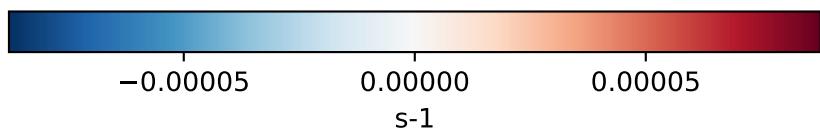
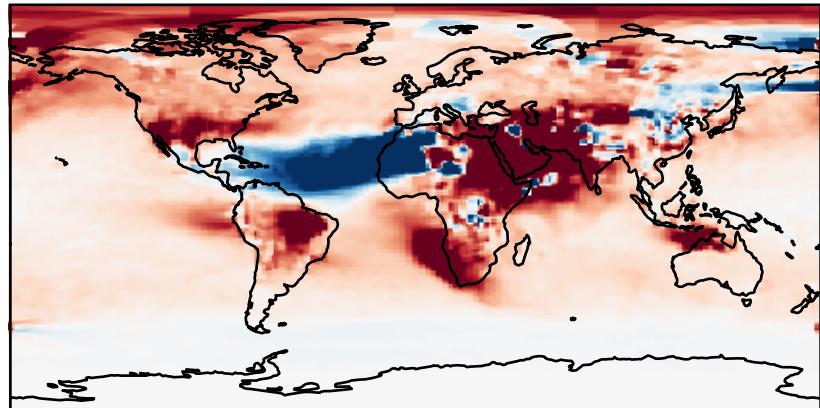
GCHP_12.8.0 (Dev)
c48



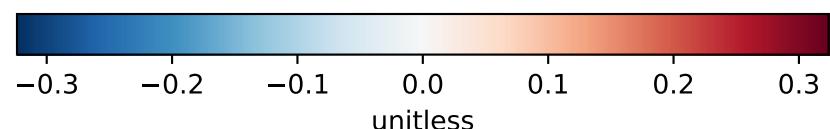
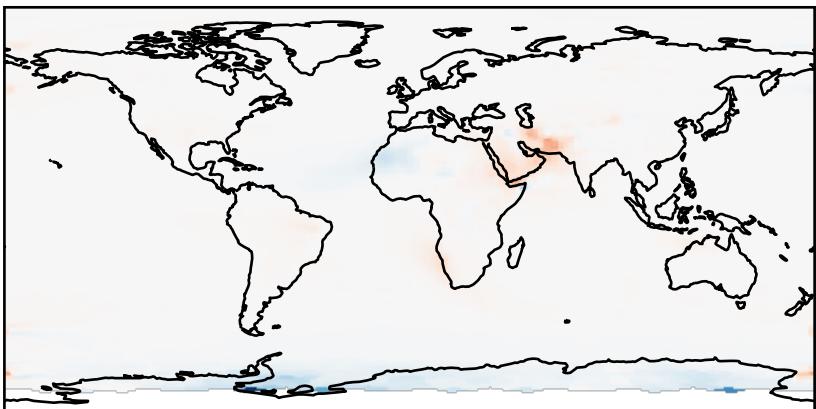
Difference (1x1.25)
Dev - Ref, Dynamic Range



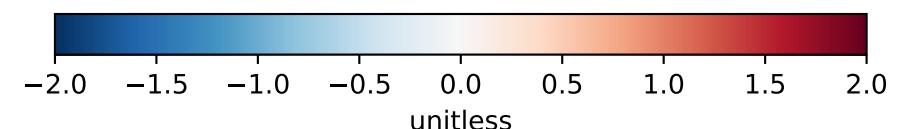
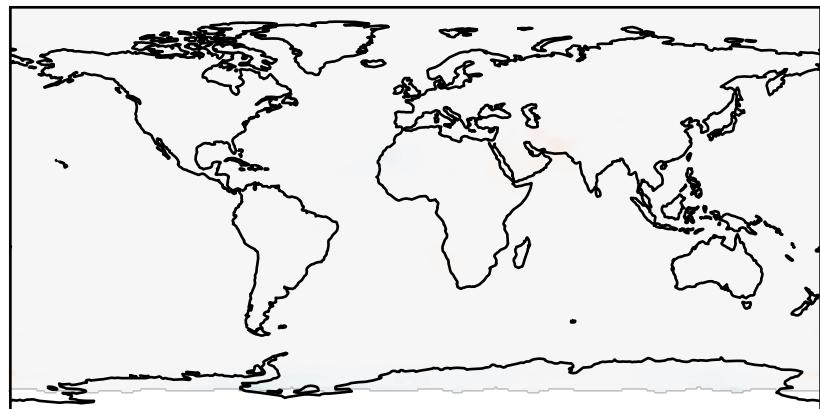
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



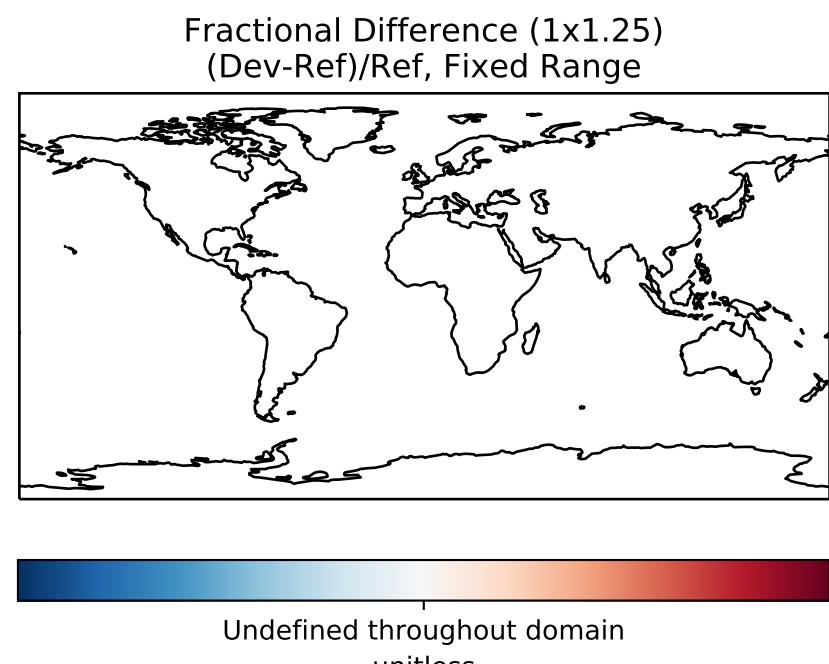
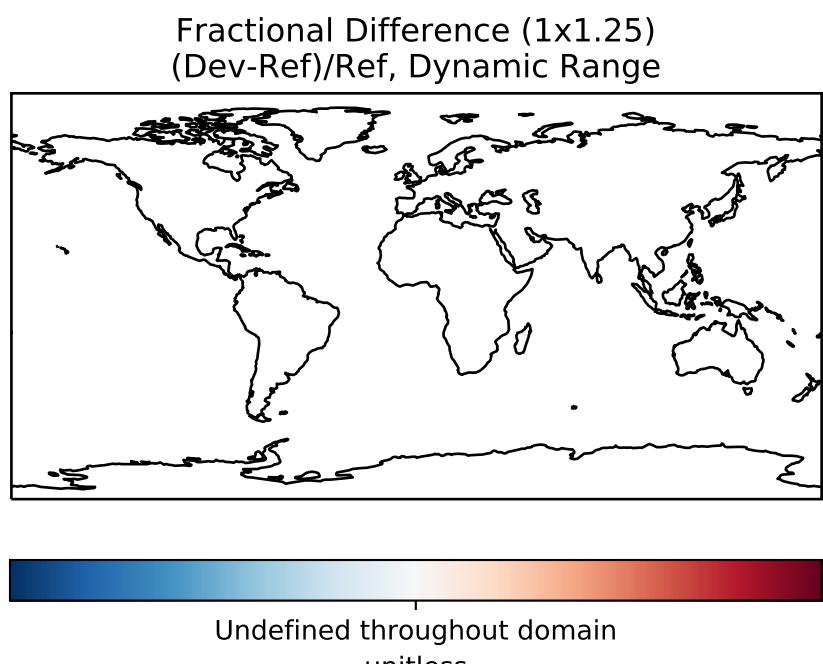
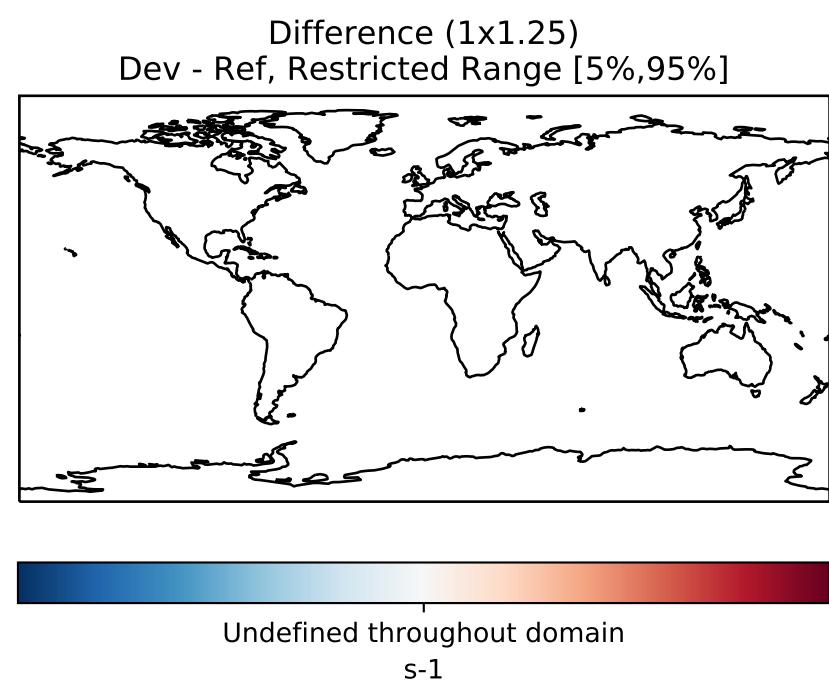
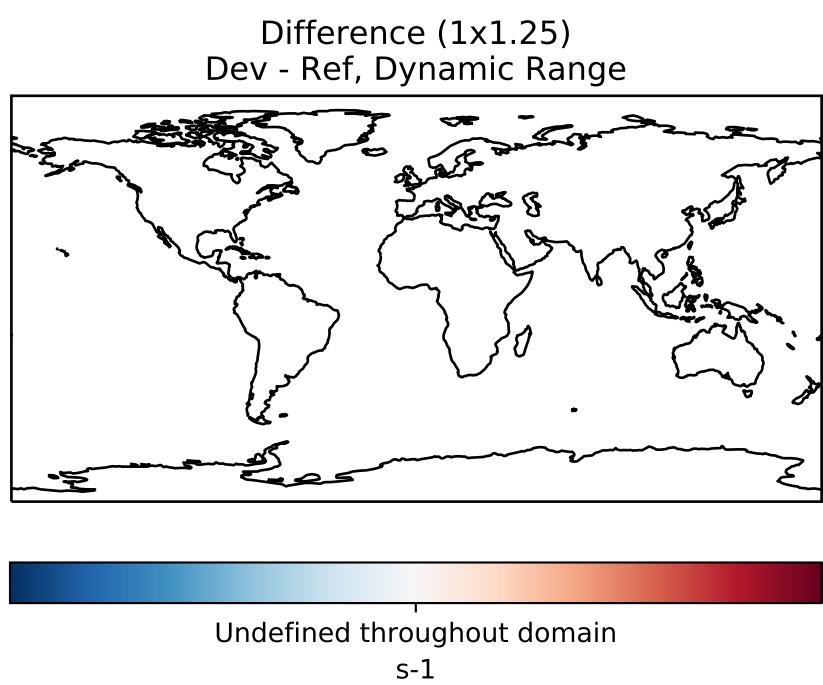
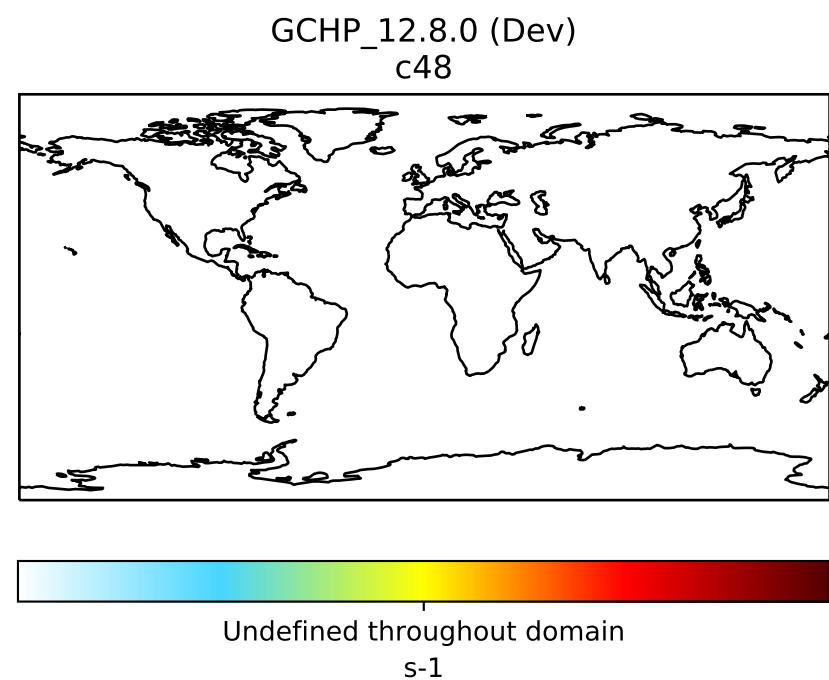
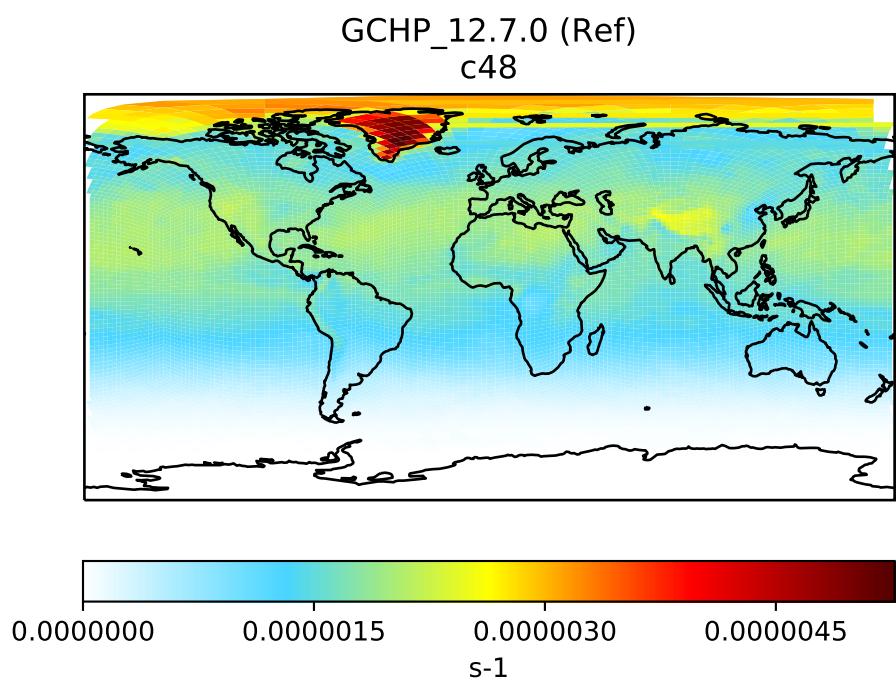
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Jval_IAP



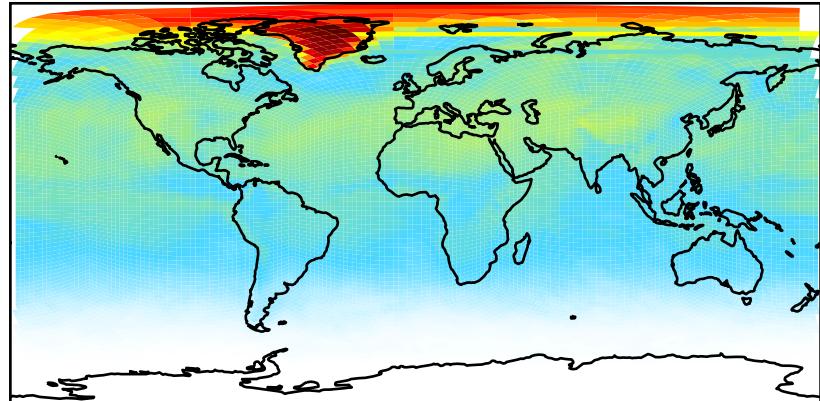
Jval_IBR

GCHP_12.7.0 (Ref)
c48



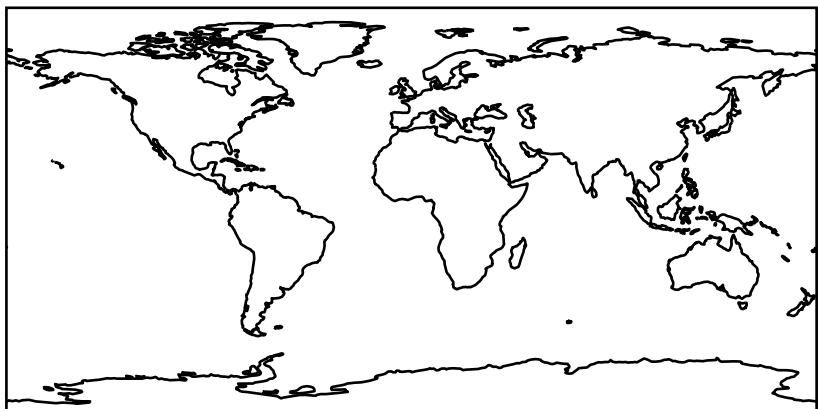
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s-1

GCHP_12.8.0 (Dev)
c48



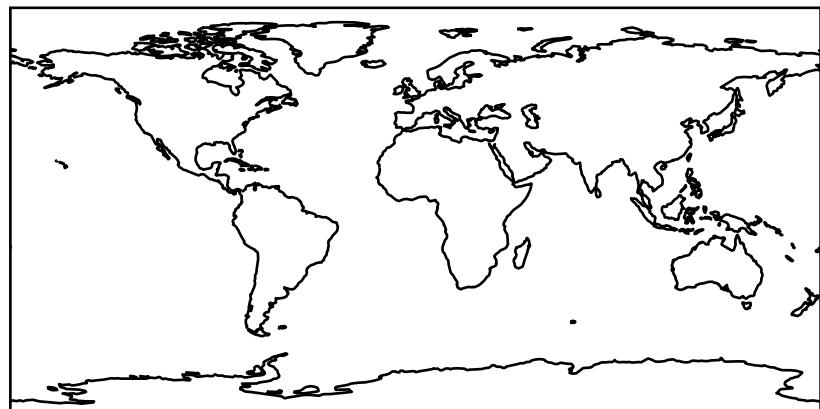
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s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



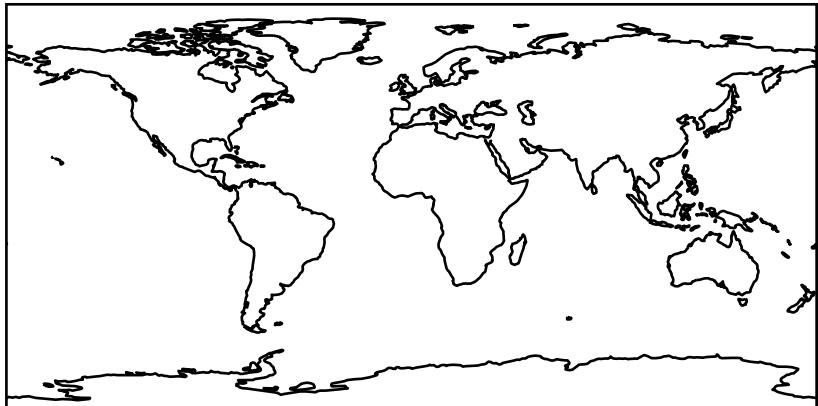
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Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



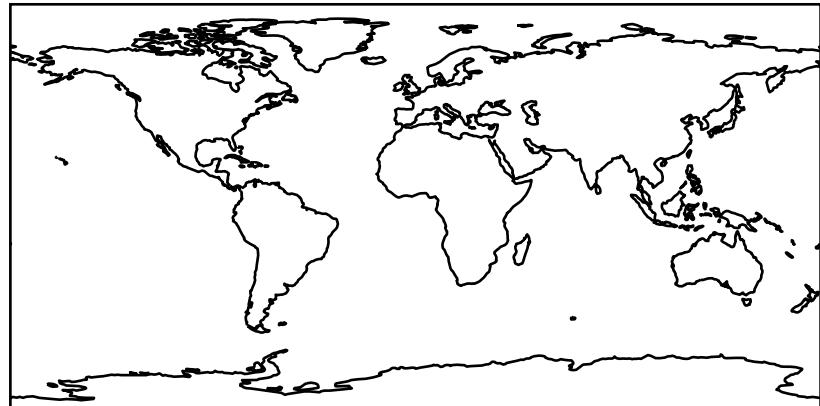
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s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



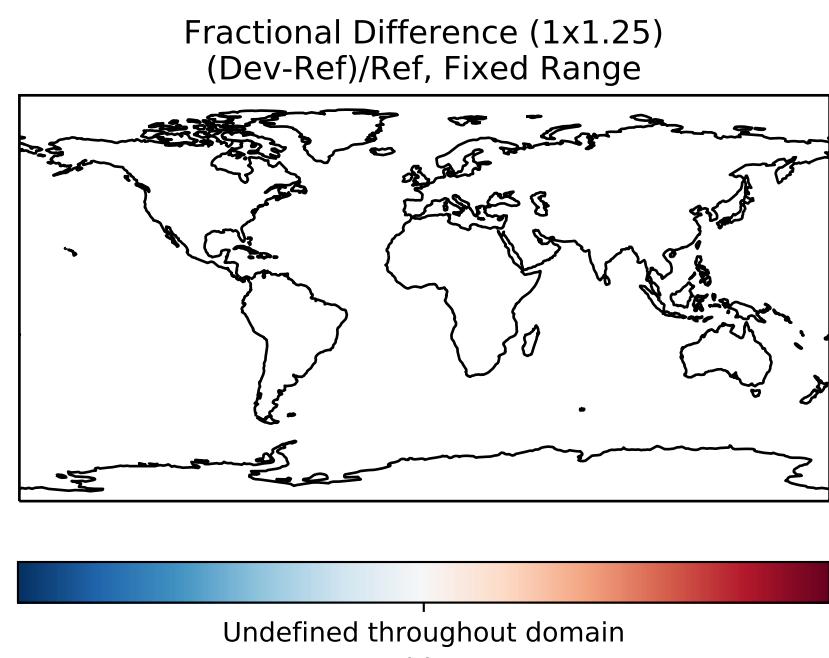
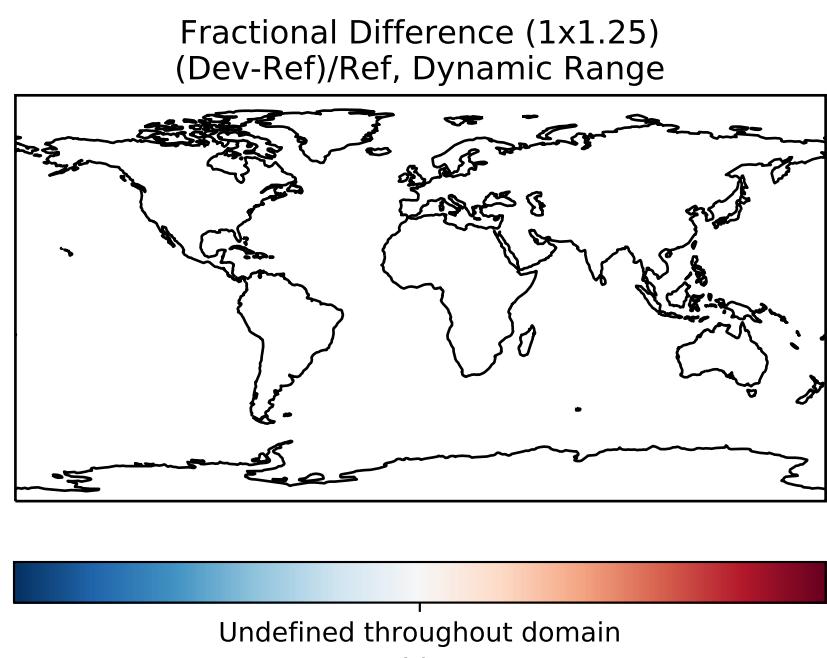
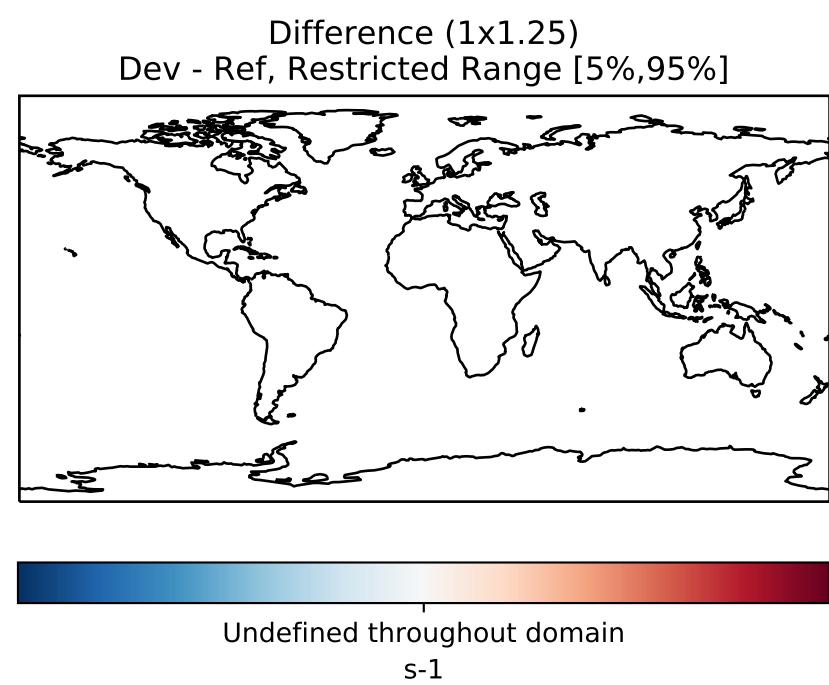
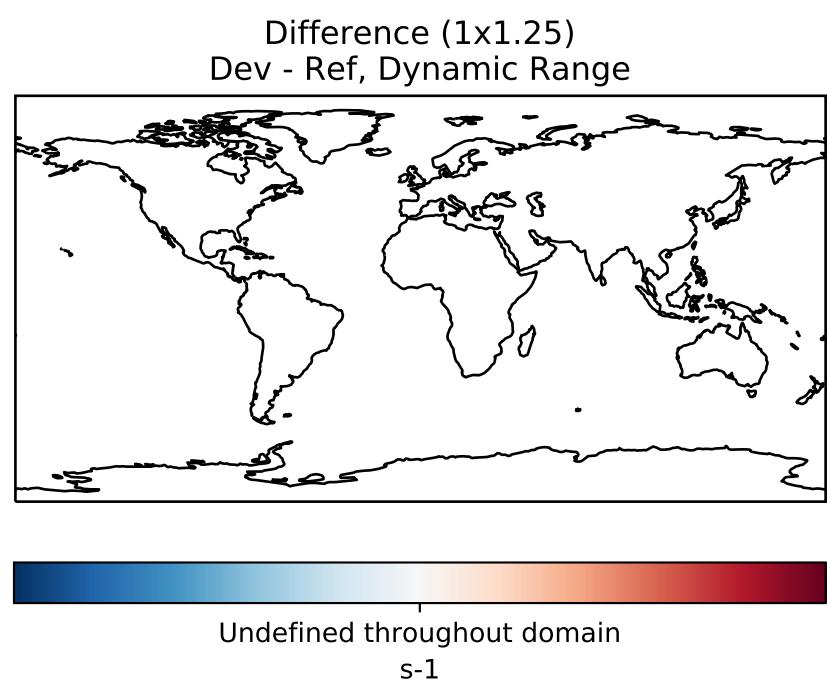
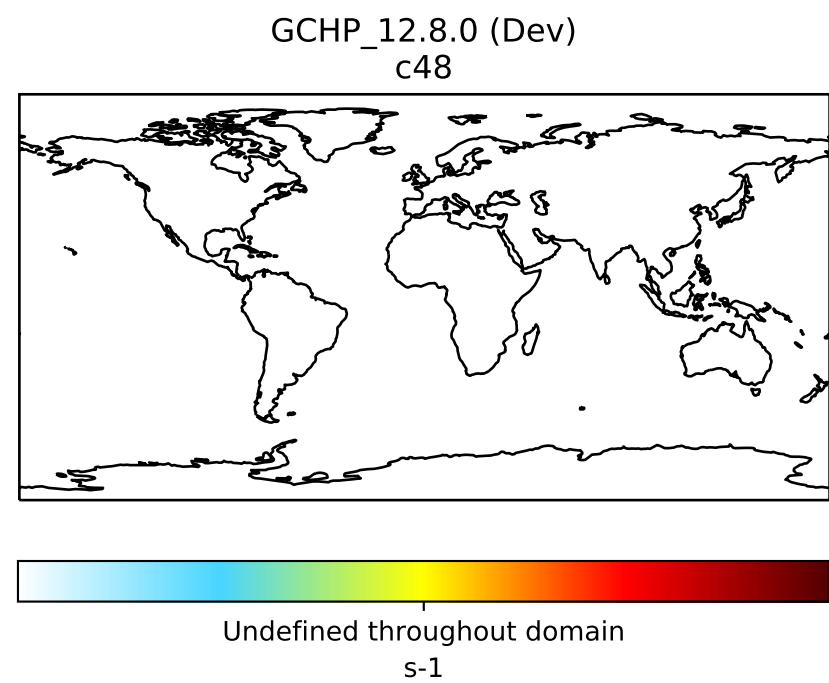
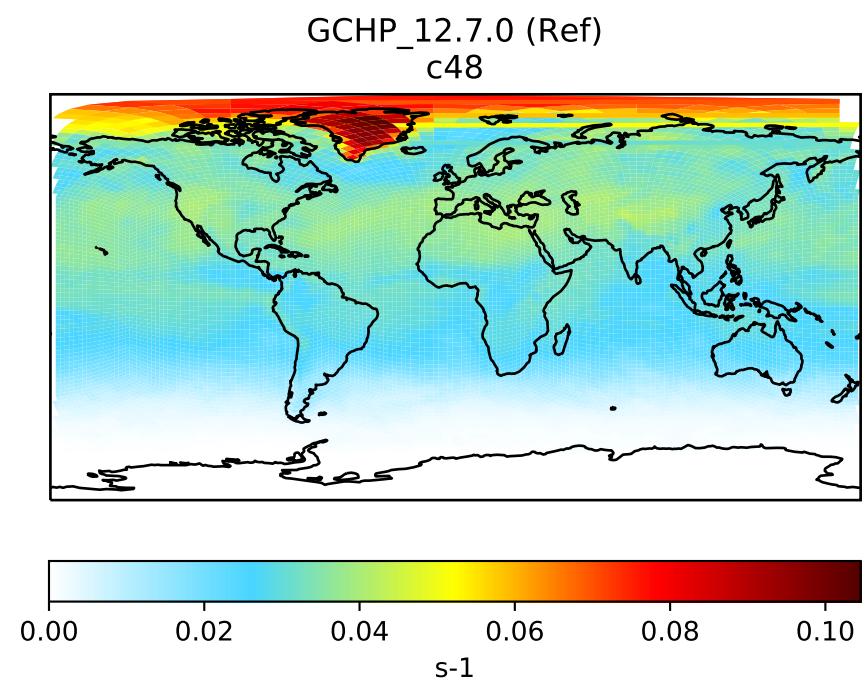
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unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain
unitless

Jval_IBr



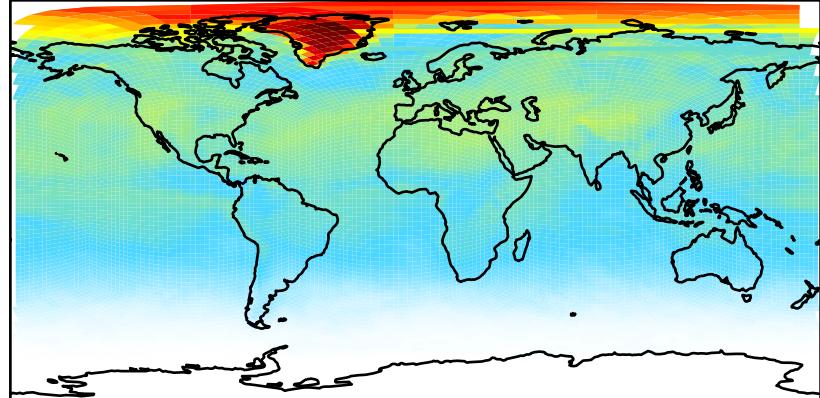
Jval_ICL

GCHP_12.7.0 (Ref)
c48



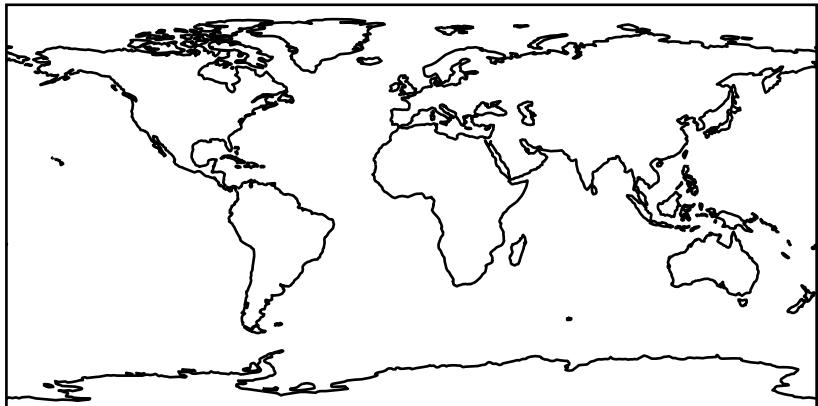
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s-1

GCHP_12.8.0 (Dev)
c48



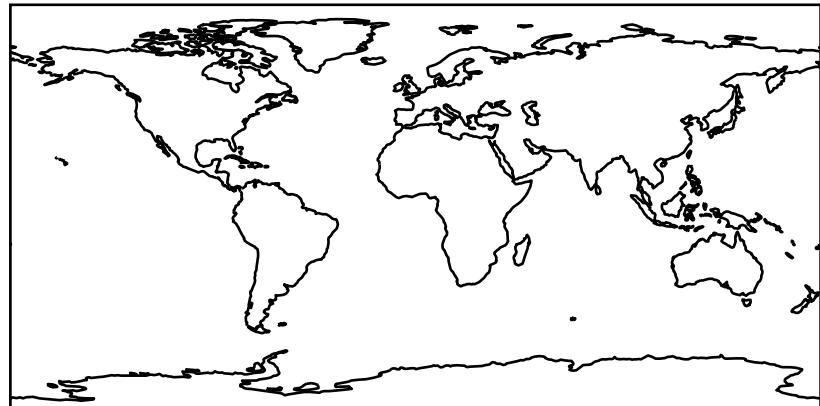
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s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



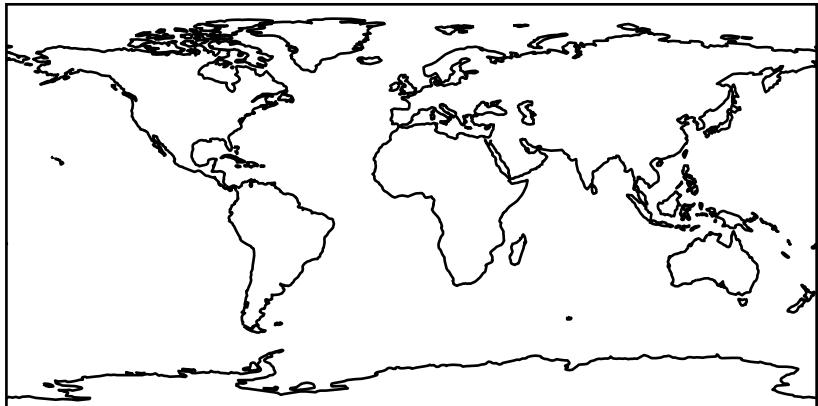
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



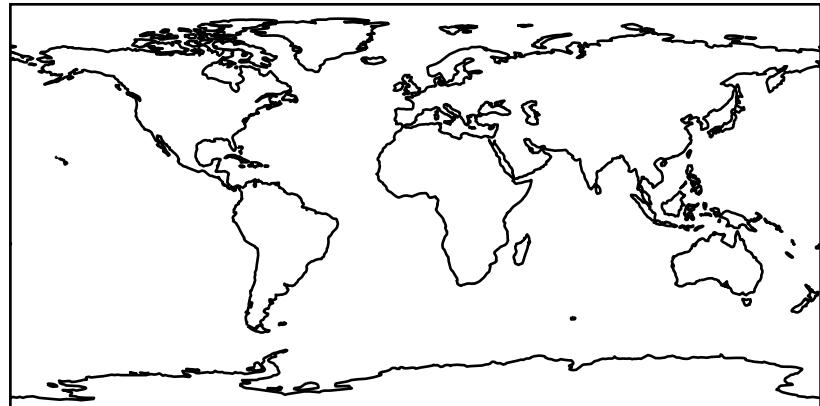
Undefined throughout domain
s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

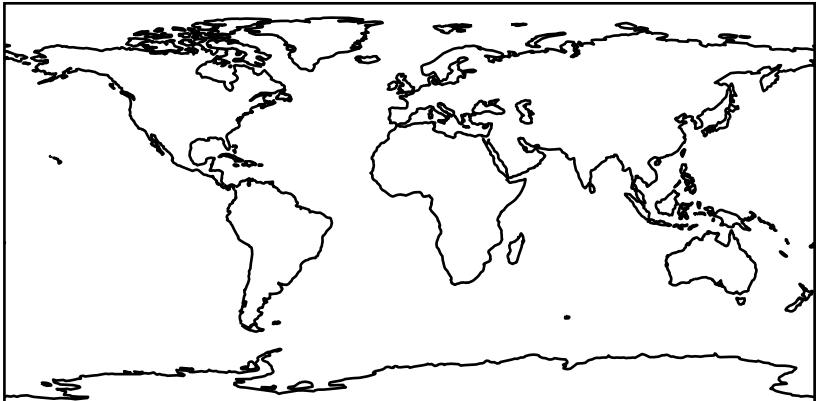
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain
unitless

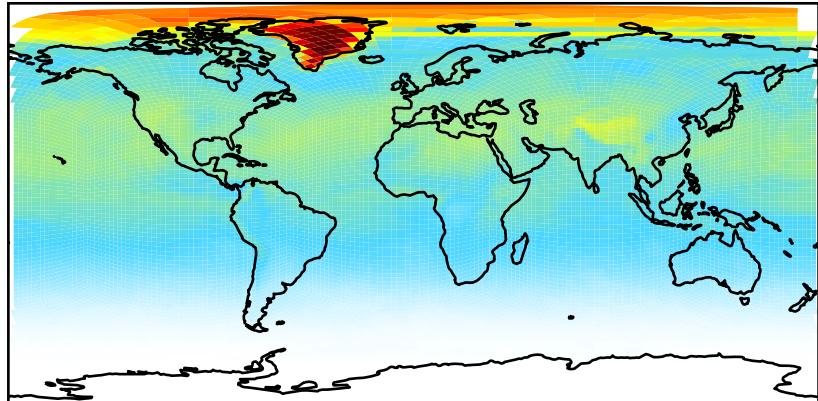
Jval_ICN

GCHP_12.7.0 (Ref)
c48



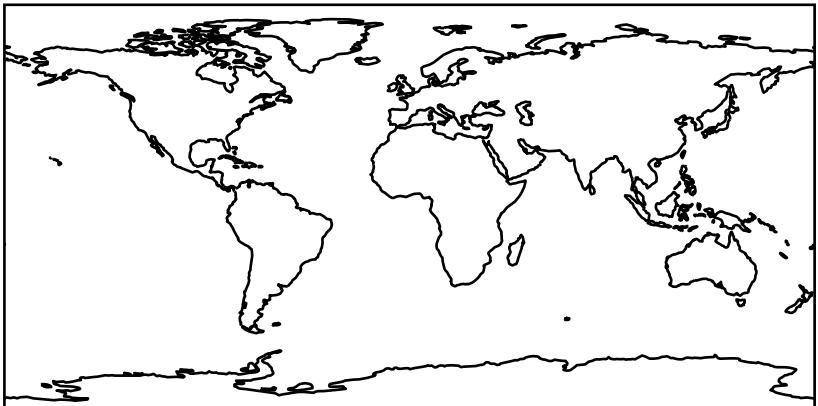
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s-1

GCHP_12.8.0 (Dev)
c48



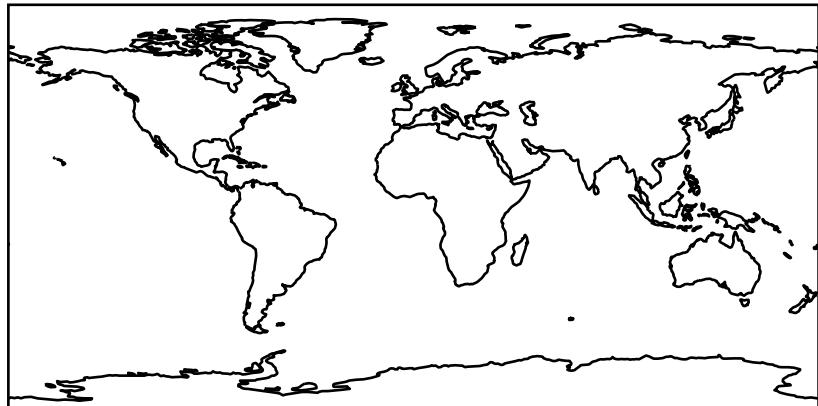
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s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



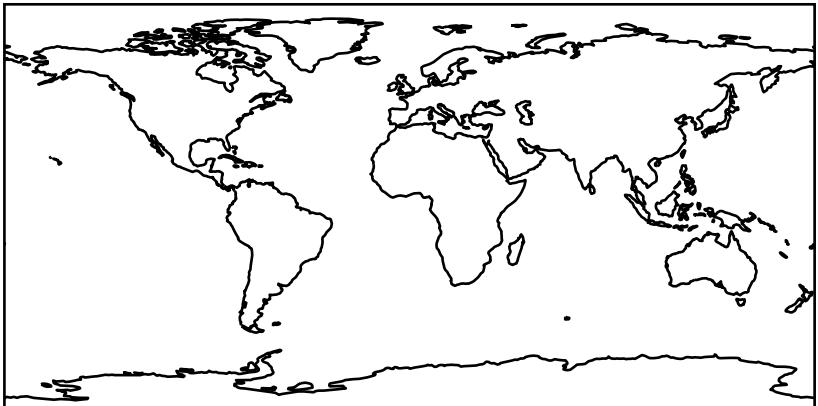
Undefined throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



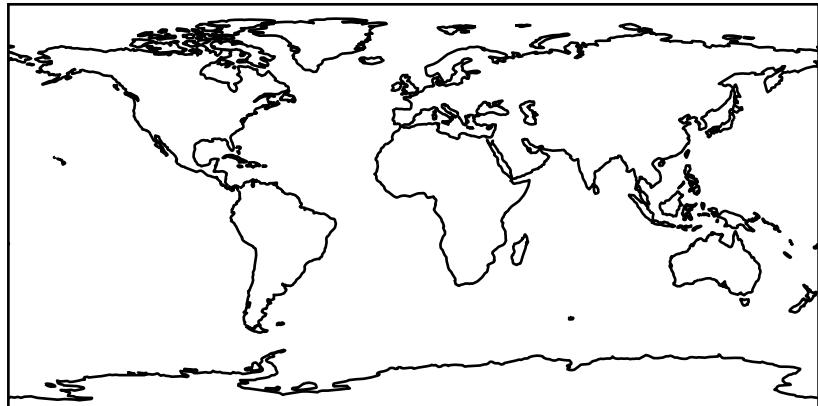
Undefined throughout domain
s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain
unitless

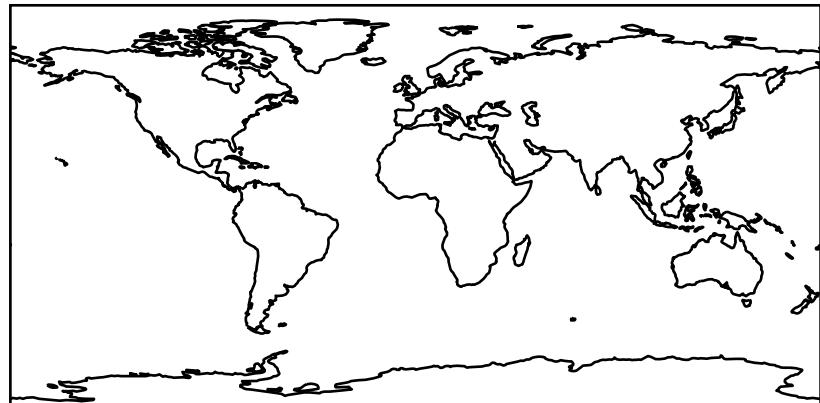
Jval_ICPDH

GCHP_12.7.0 (Ref)
c48



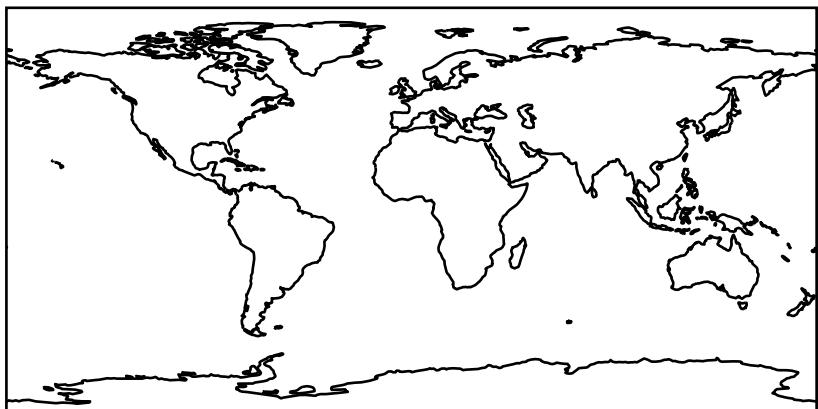
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s-1

GCHP_12.8.0 (Dev)
c48



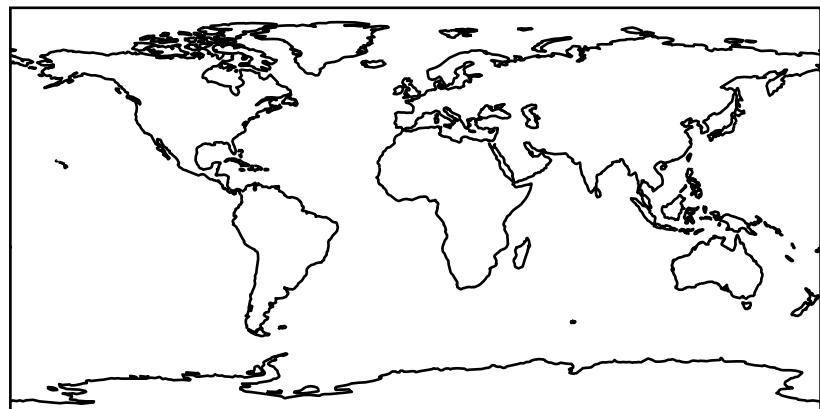
Zero throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



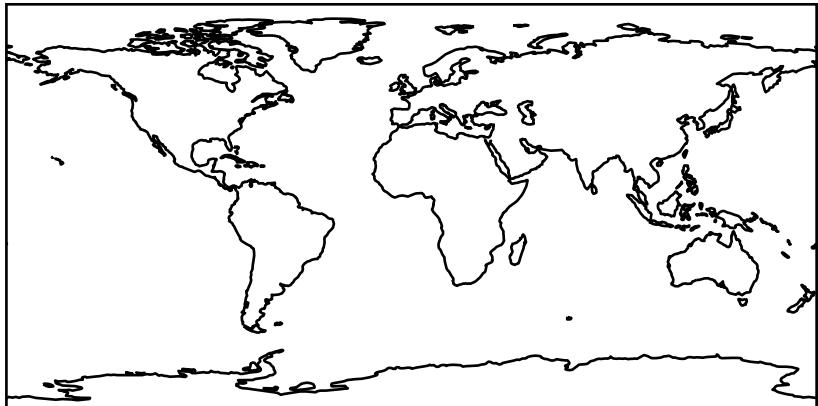
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



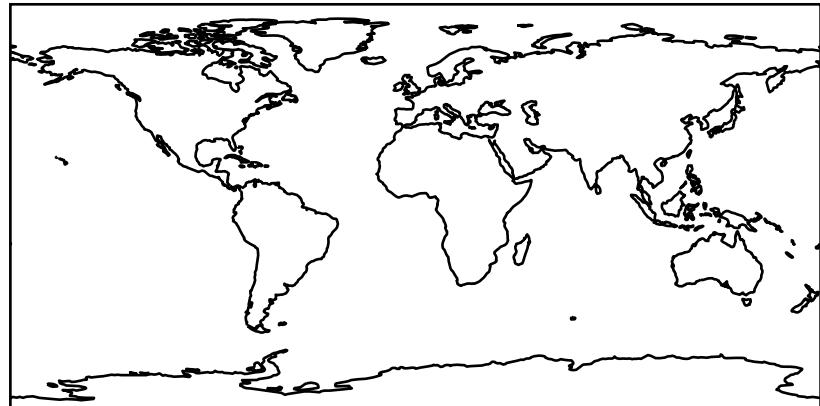
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



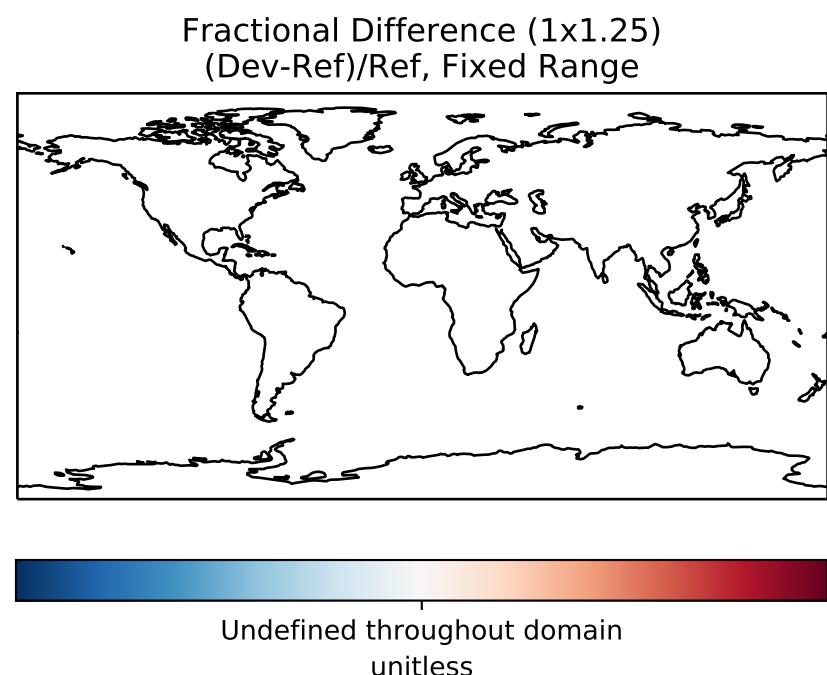
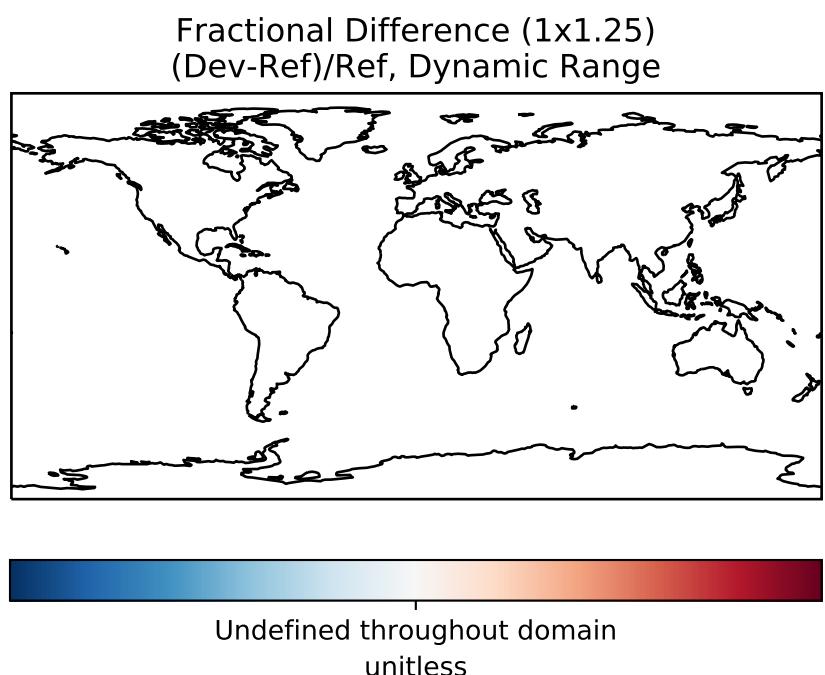
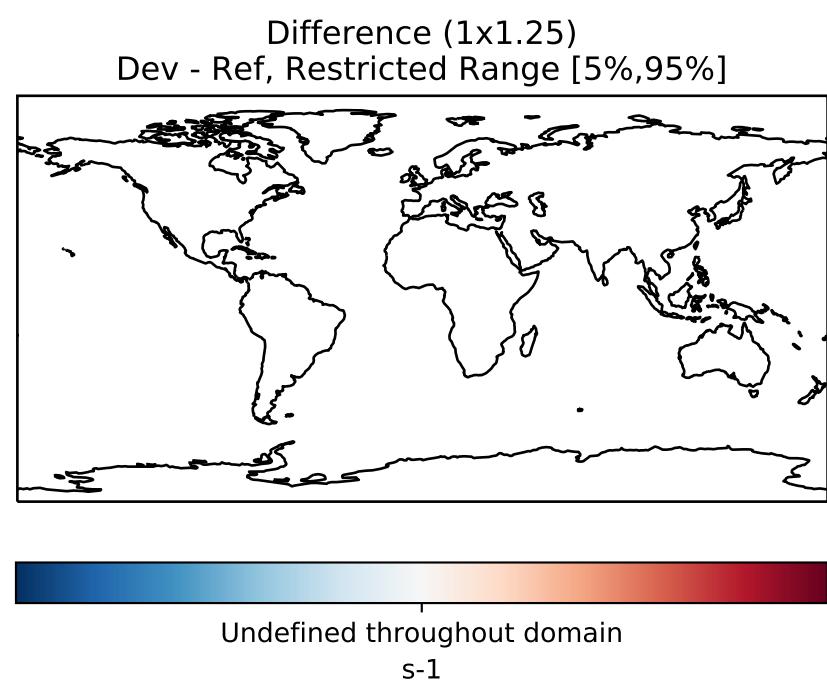
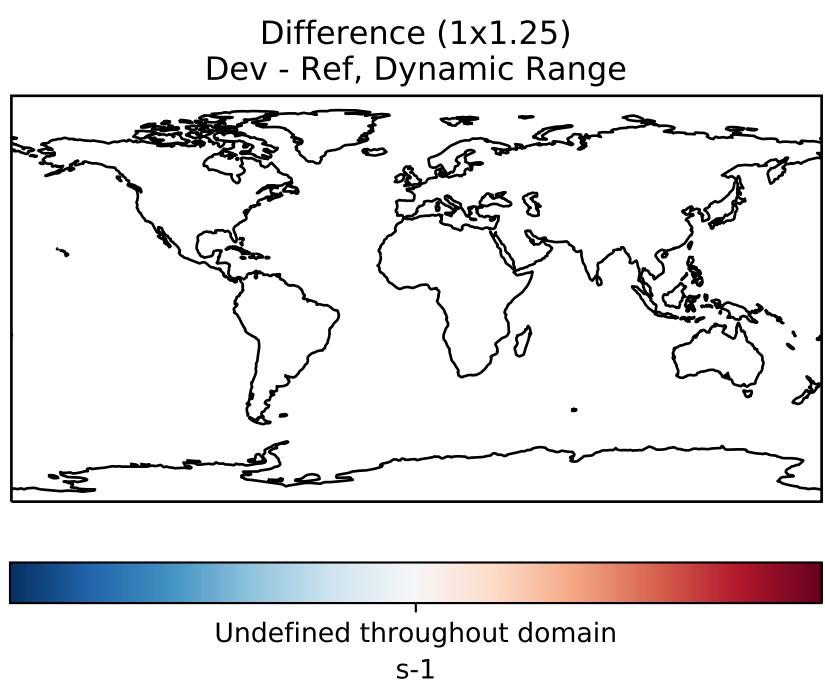
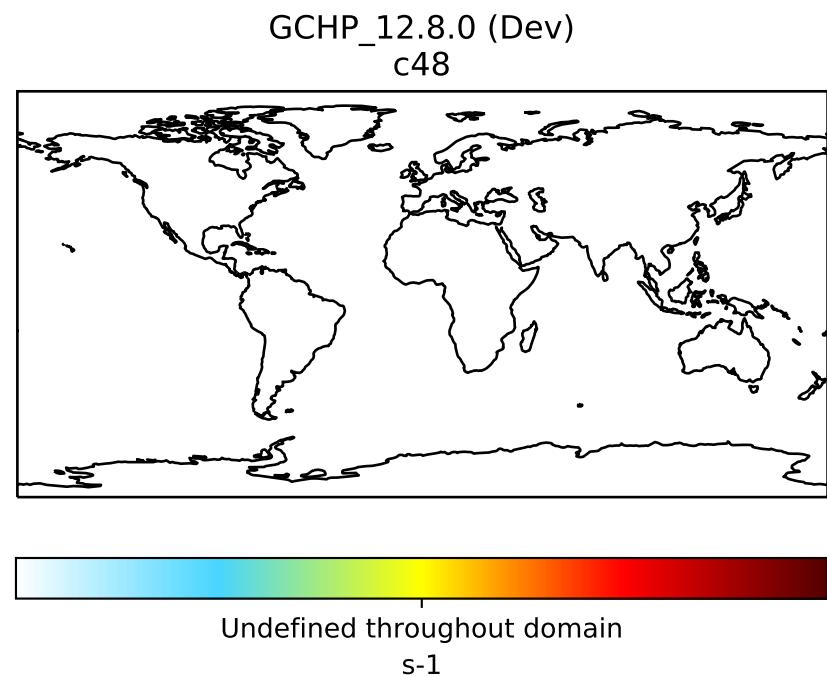
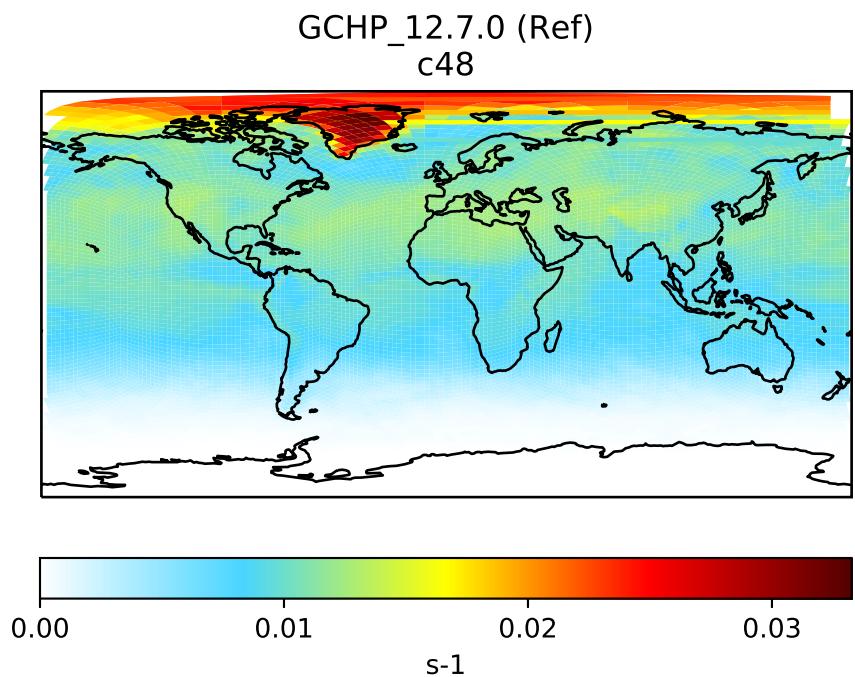
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



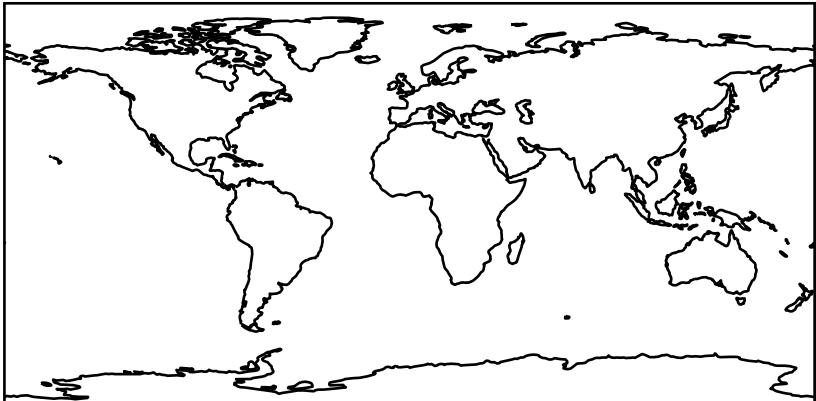
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Jval_ICI



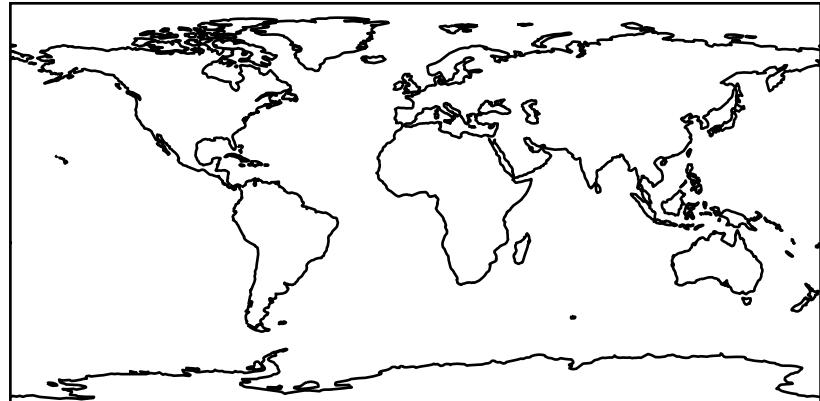
Jval_IDCHP

GCHP_12.7.0 (Ref)
c48



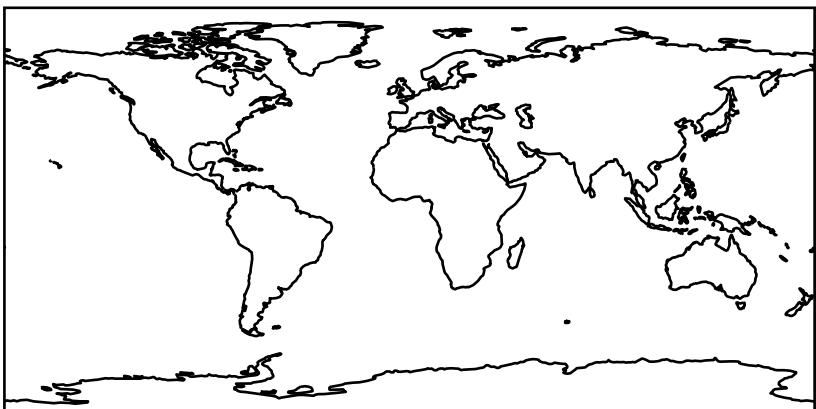
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GCHP_12.8.0 (Dev)
c48



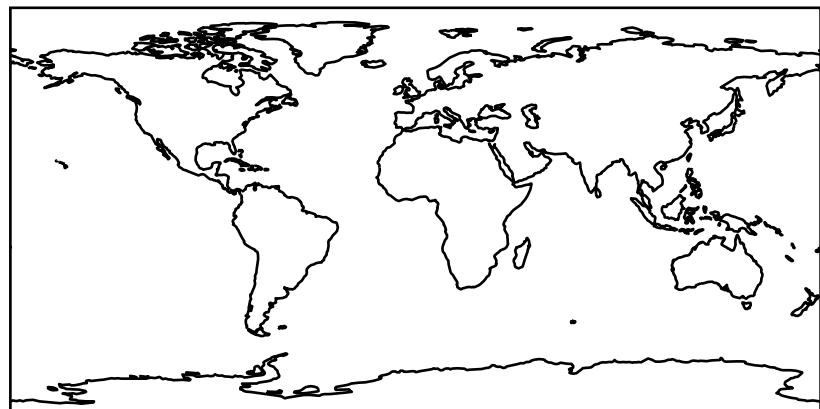
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Difference (1x1.25)
Dev - Ref, Dynamic Range



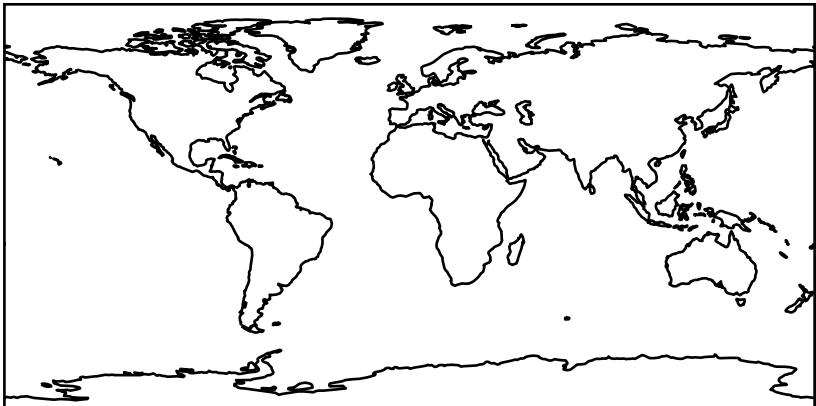
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Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



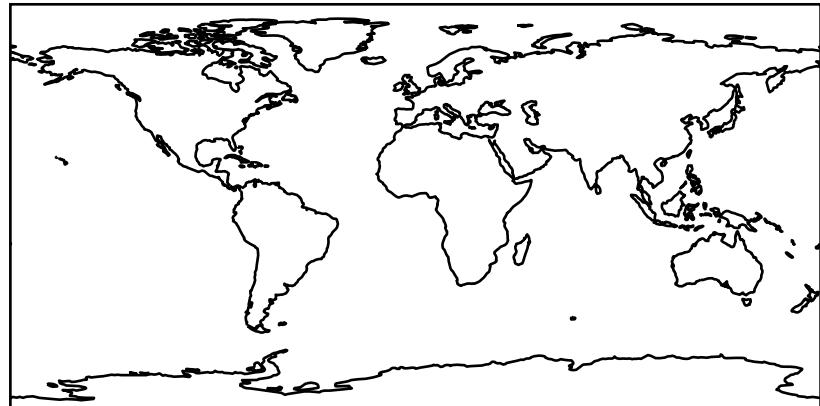
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



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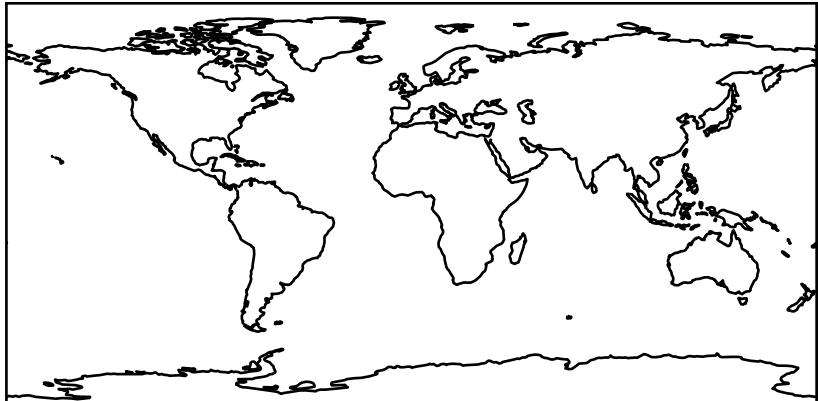
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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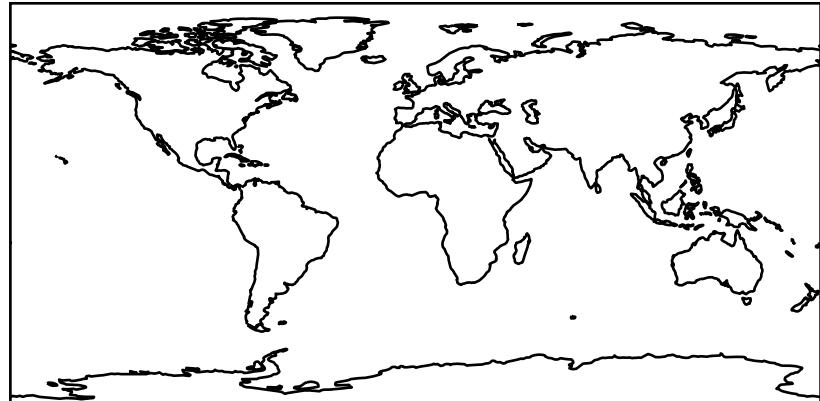
Jval_IDHDP

GCHP_12.7.0 (Ref)
c48



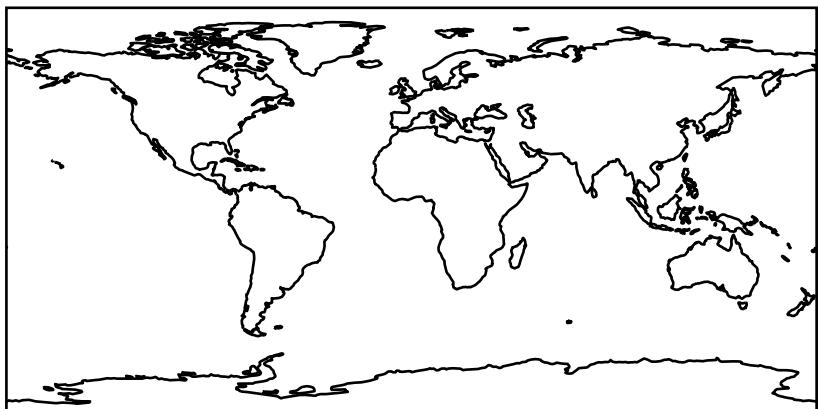
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GCHP_12.8.0 (Dev)
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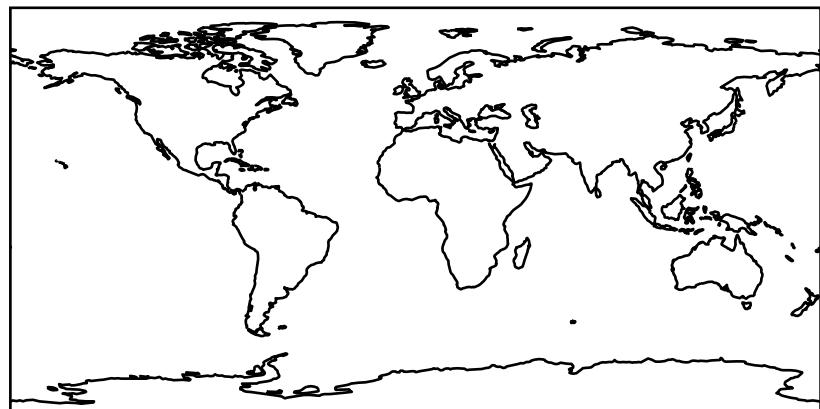
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Difference (1x1.25)
Dev - Ref, Dynamic Range



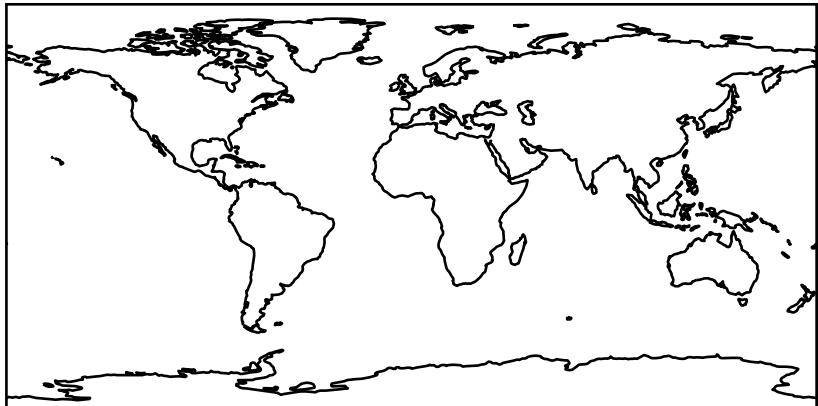
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Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



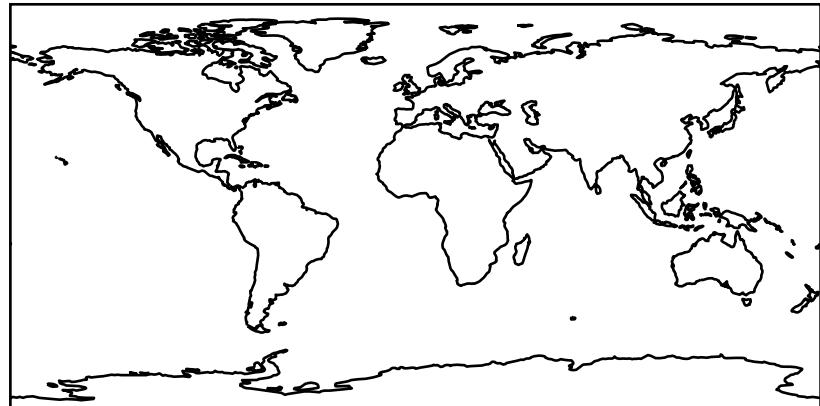
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



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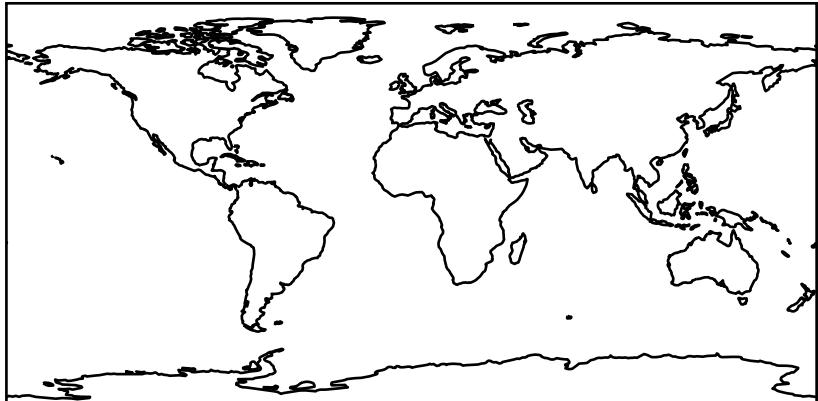
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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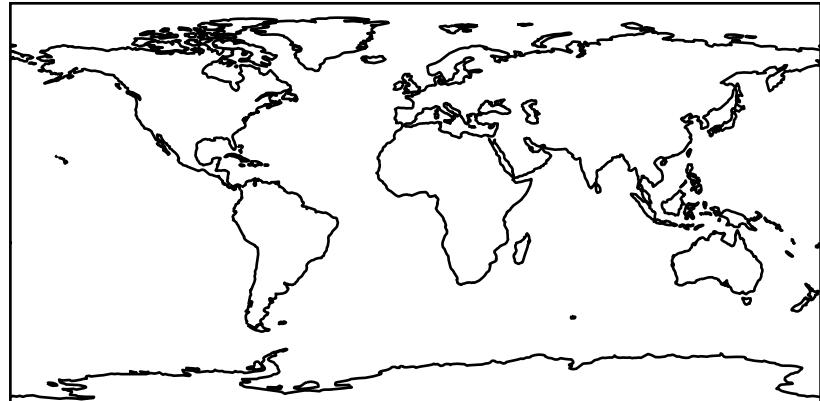
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GCHP_12.7.0 (Ref)
c48



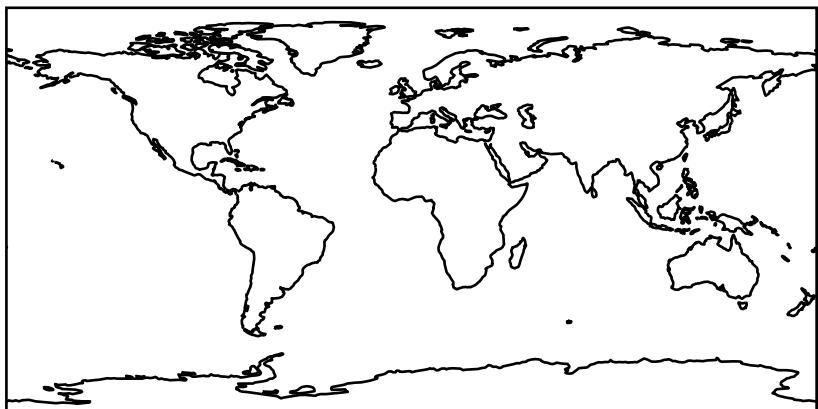
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GCHP_12.8.0 (Dev)
c48



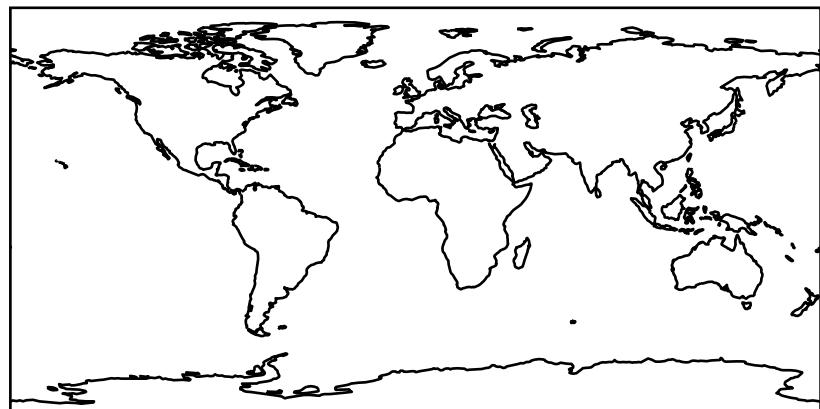
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Difference (1x1.25)
Dev - Ref, Dynamic Range



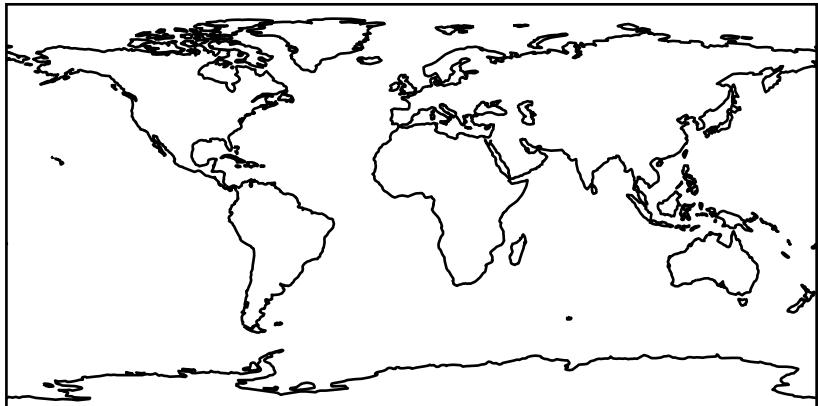
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Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



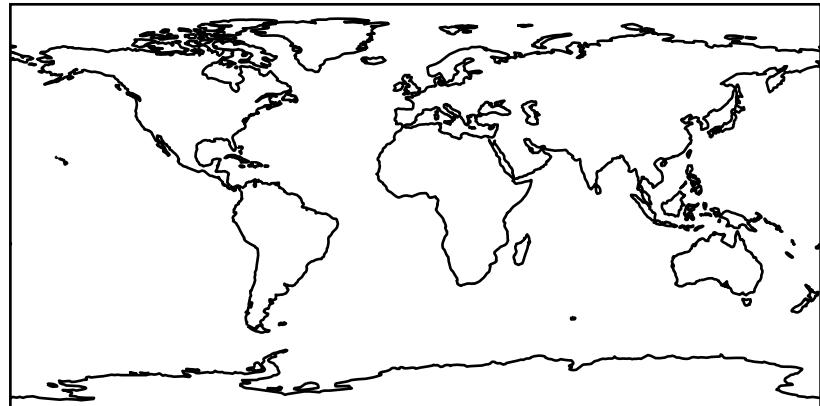
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



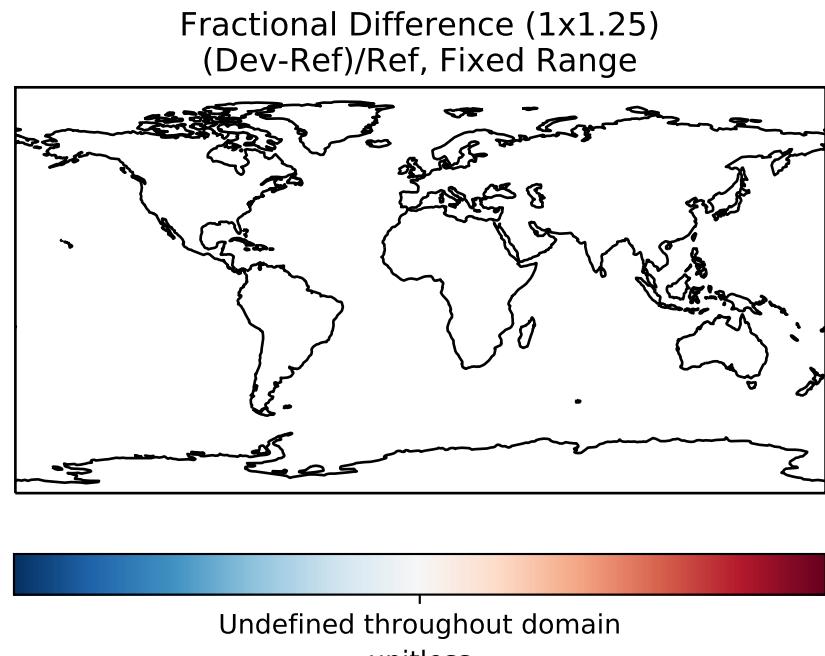
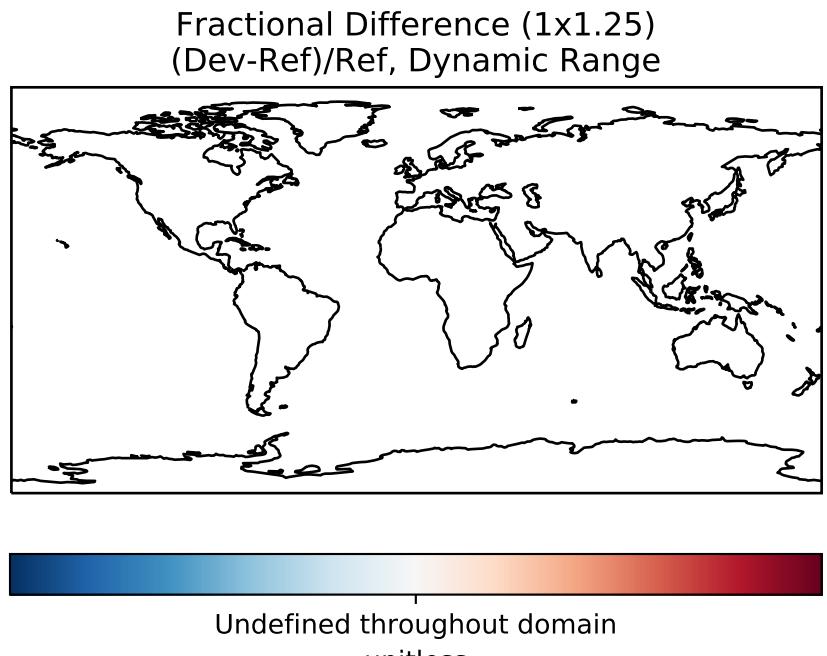
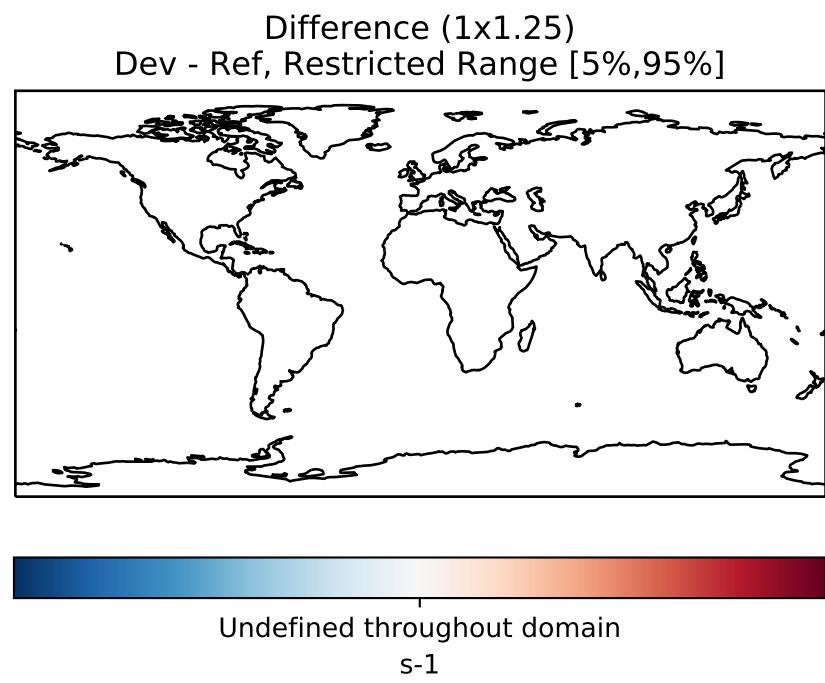
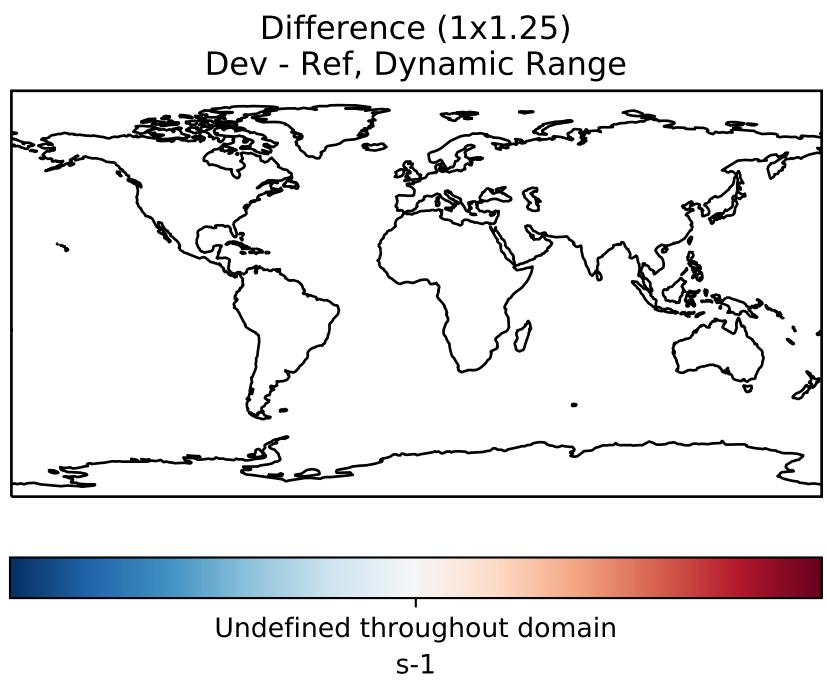
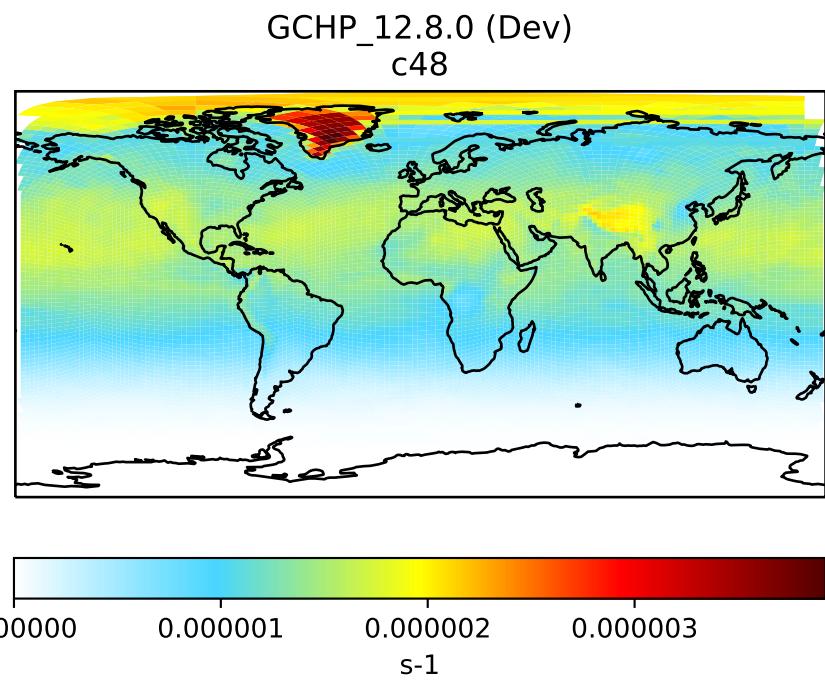
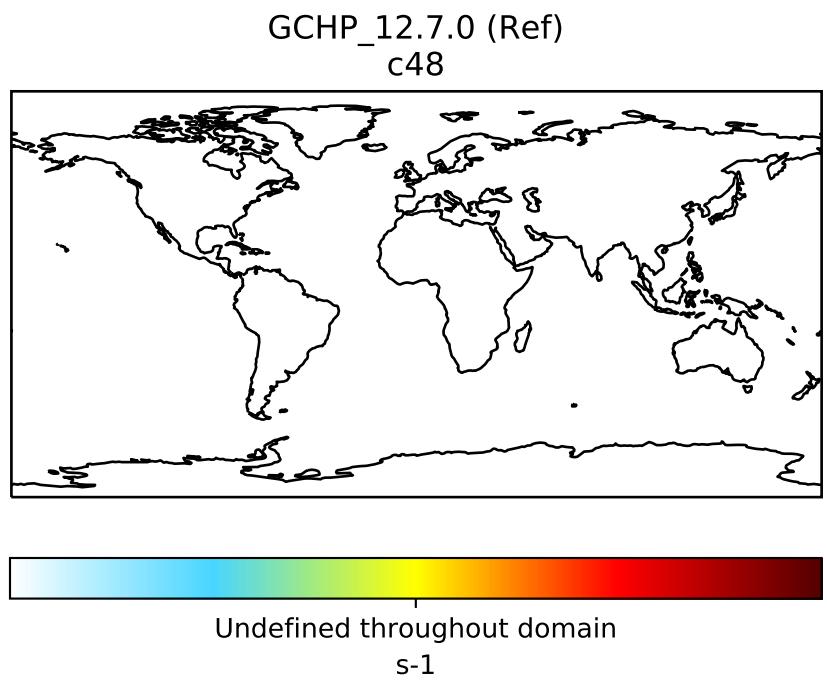
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



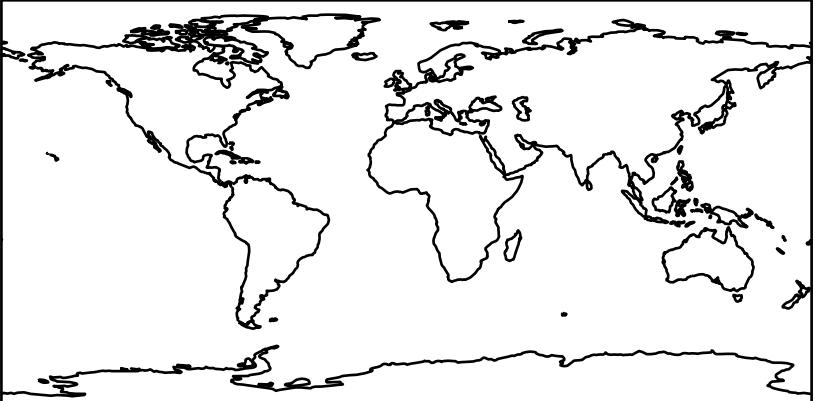
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Jval_IDN



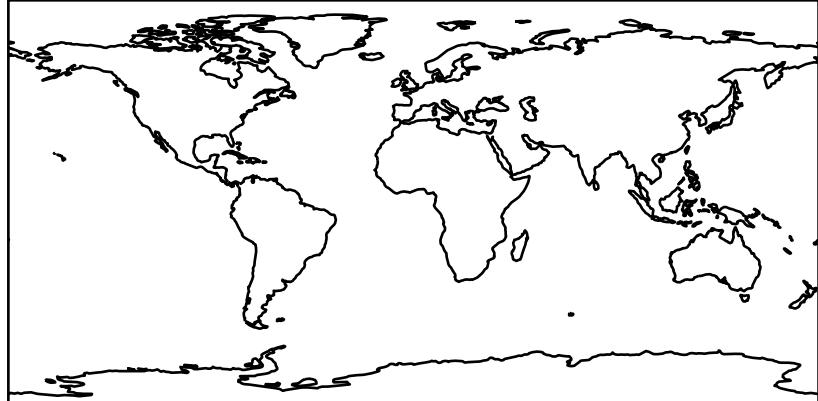
Jval_IHN1

GCHP_12.7.0 (Ref)
c48



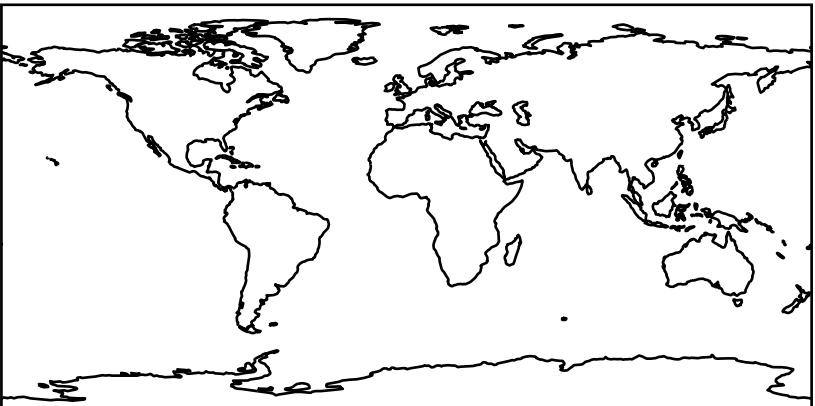
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GCHP_12.8.0 (Dev)
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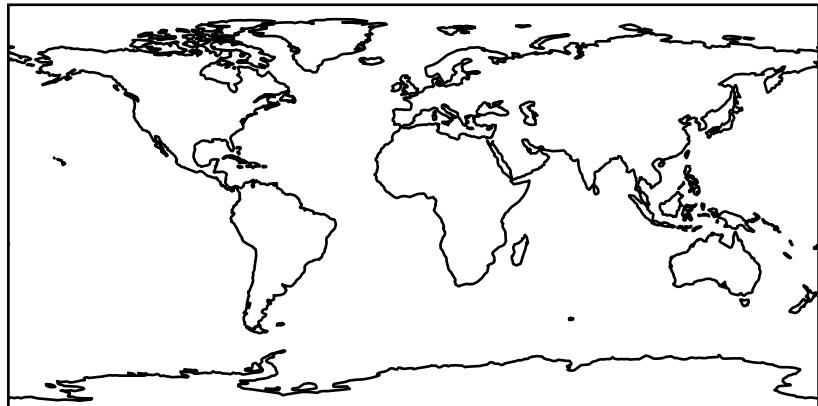
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Difference (1x1.25)
Dev - Ref, Dynamic Range



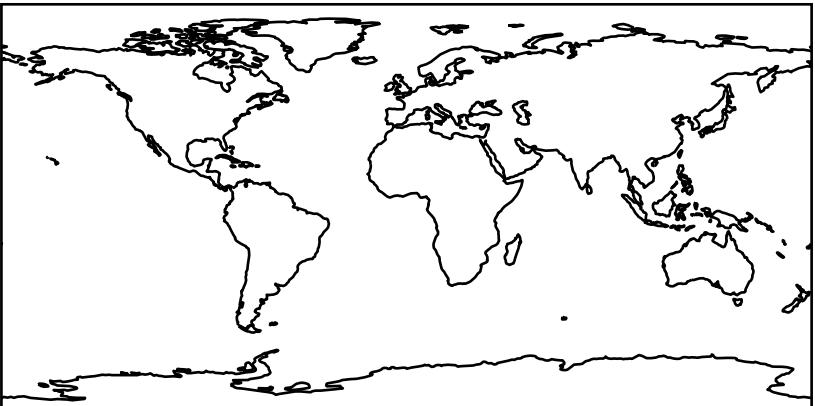
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Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



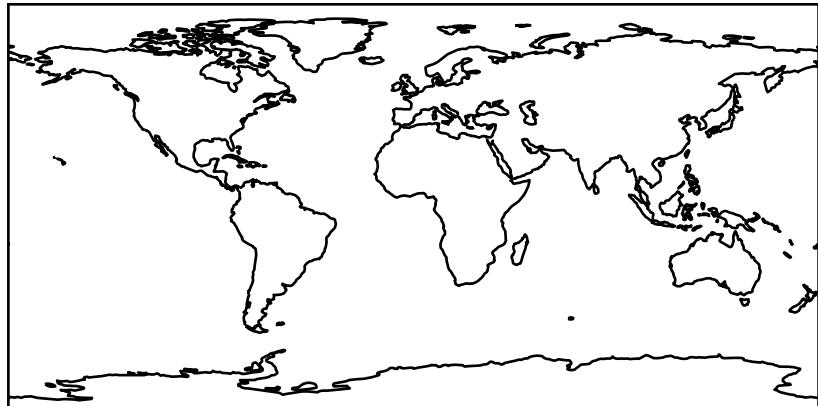
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



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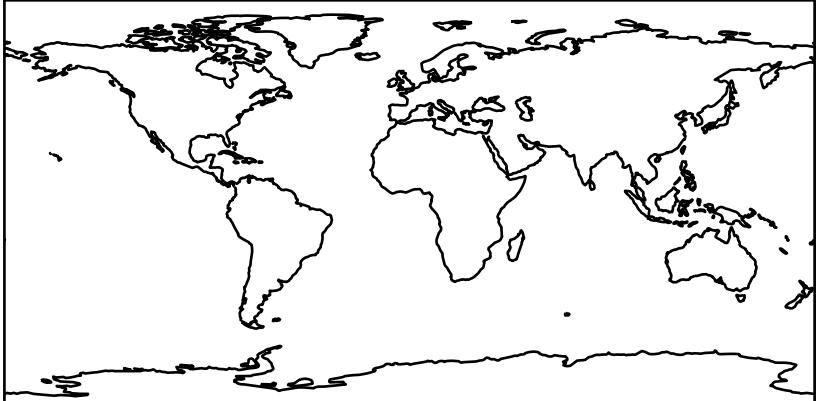
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(Dev-Ref)/Ref, Fixed Range



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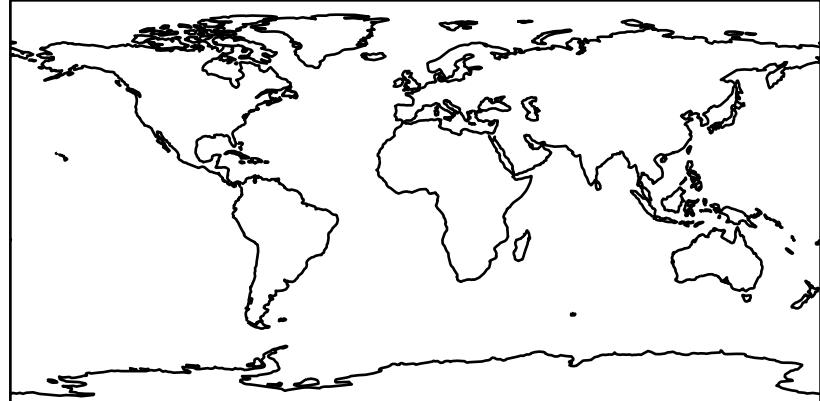
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GCHP_12.7.0 (Ref)
c48



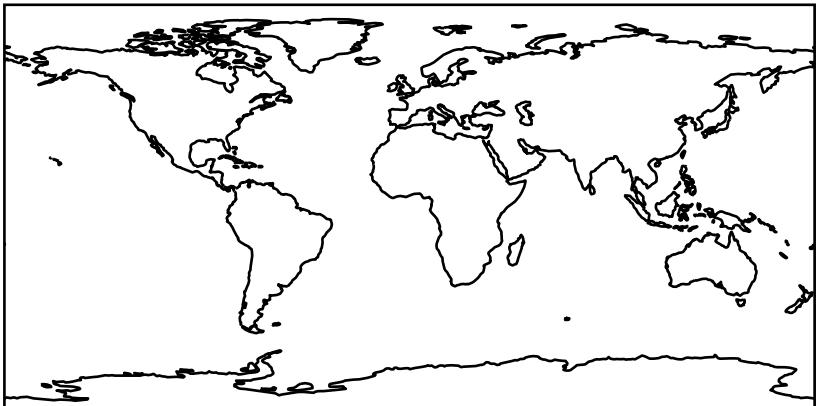
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GCHP_12.8.0 (Dev)
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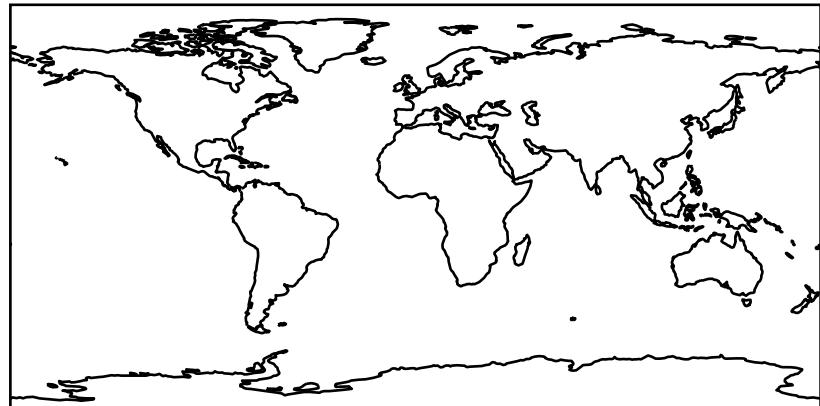
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Difference (1x1.25)
Dev - Ref, Dynamic Range



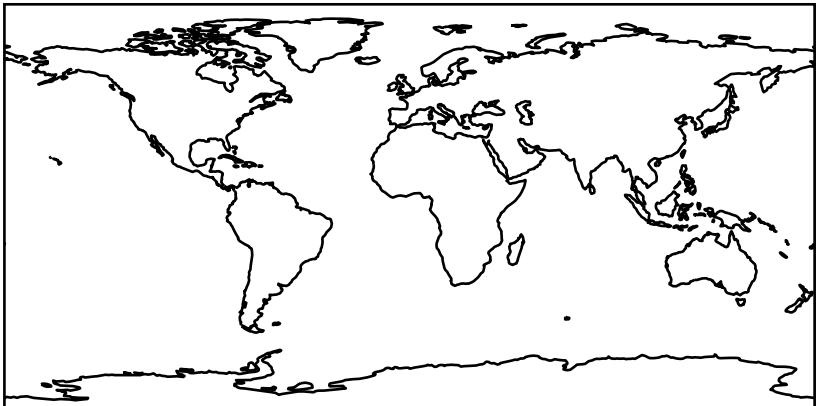
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



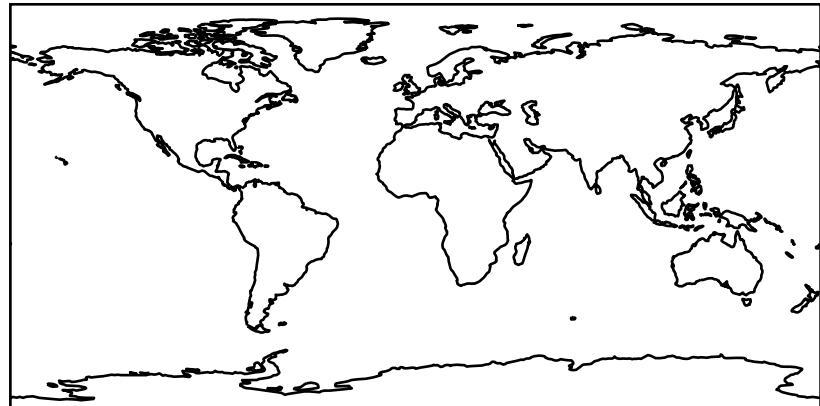
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



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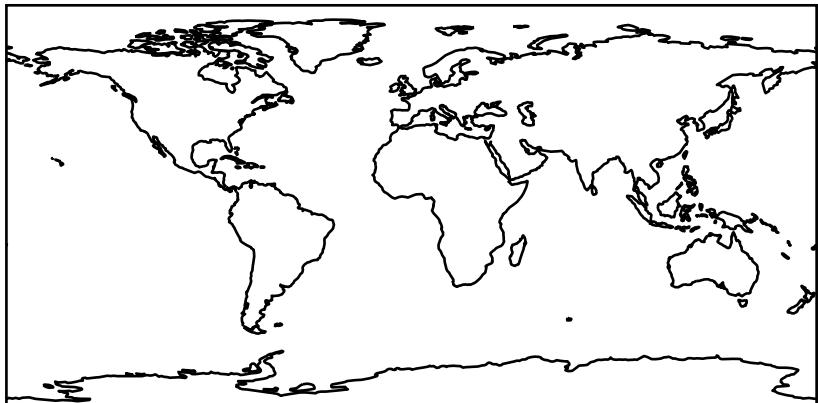
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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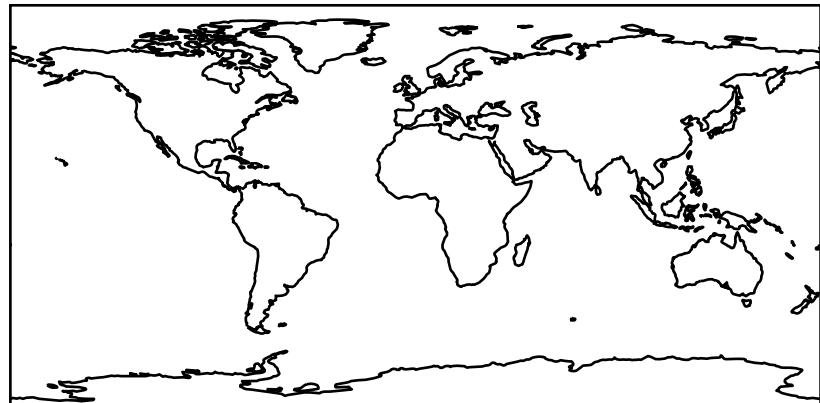
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GCHP_12.7.0 (Ref)
c48



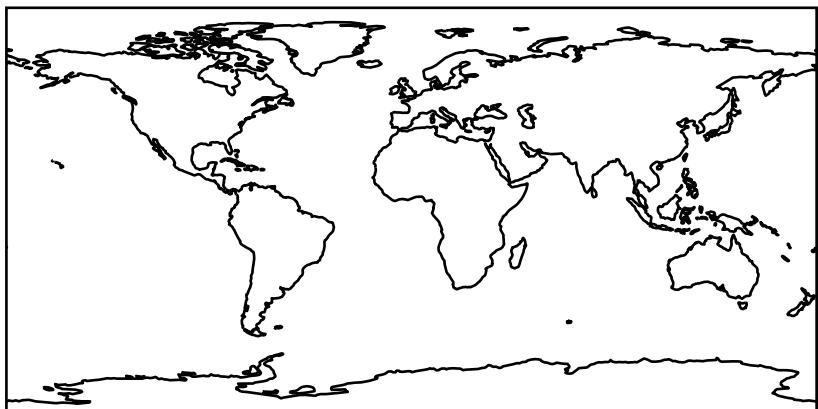
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GCHP_12.8.0 (Dev)
c48



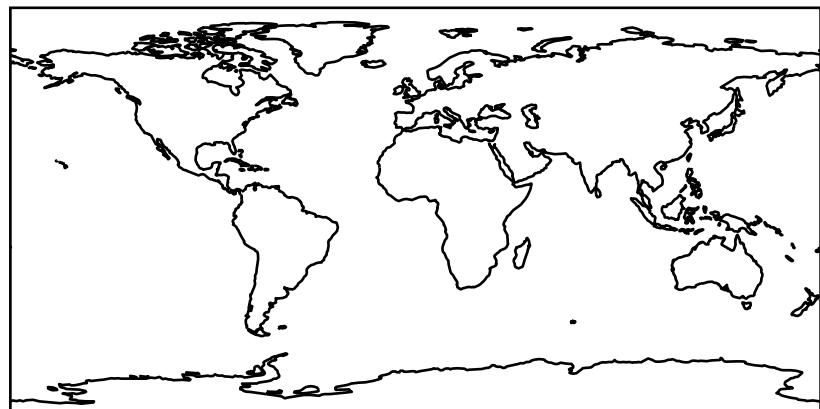
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Difference (1x1.25)
Dev - Ref, Dynamic Range



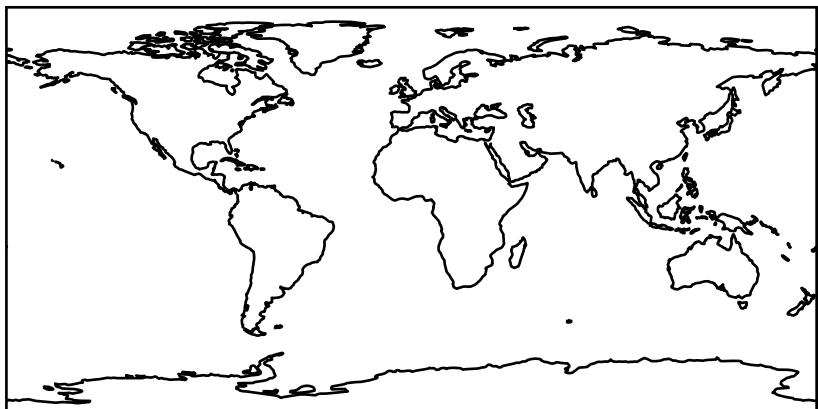
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Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



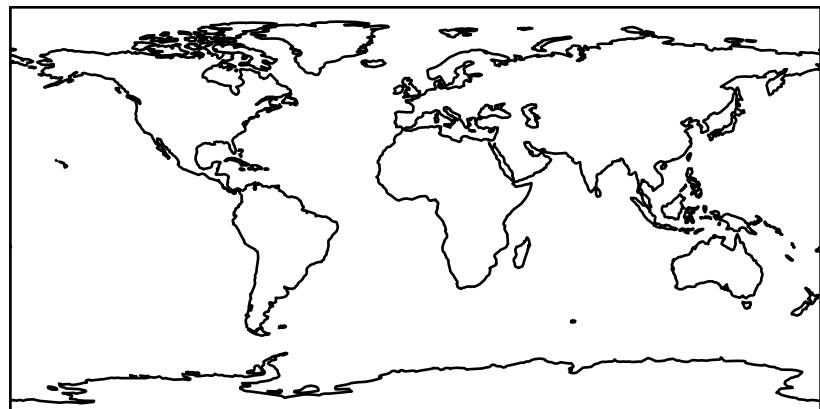
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



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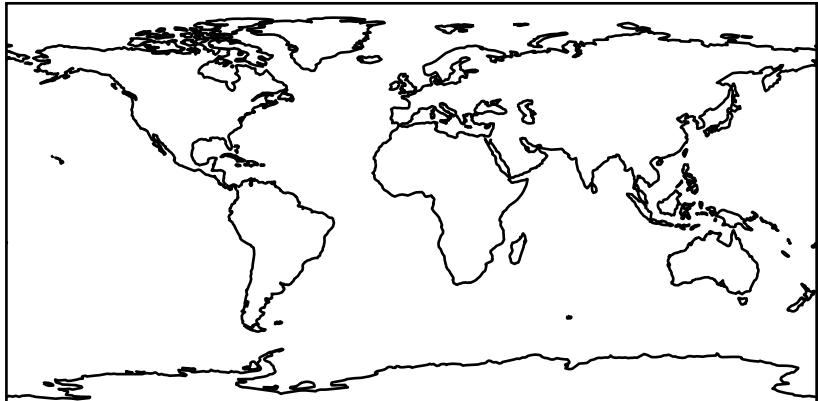
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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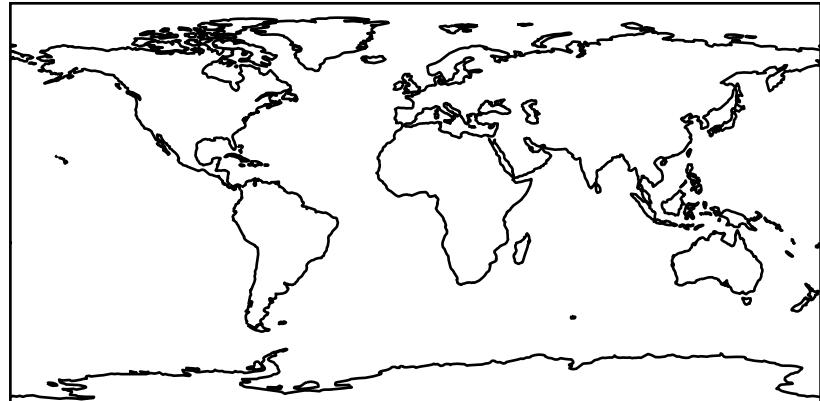
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GCHP_12.7.0 (Ref)
c48



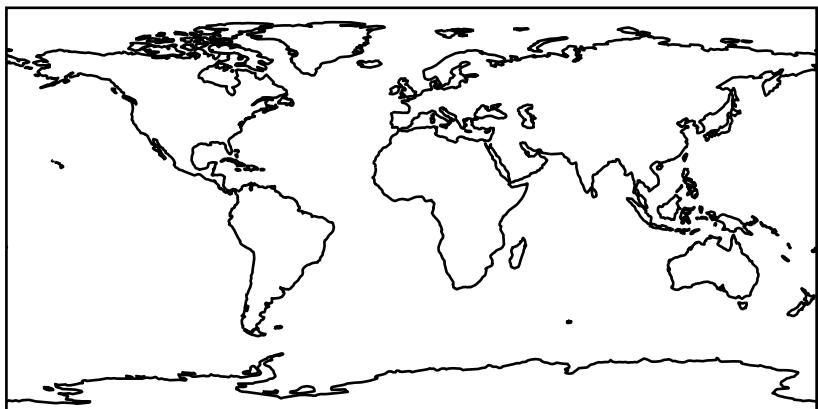
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GCHP_12.8.0 (Dev)
c48



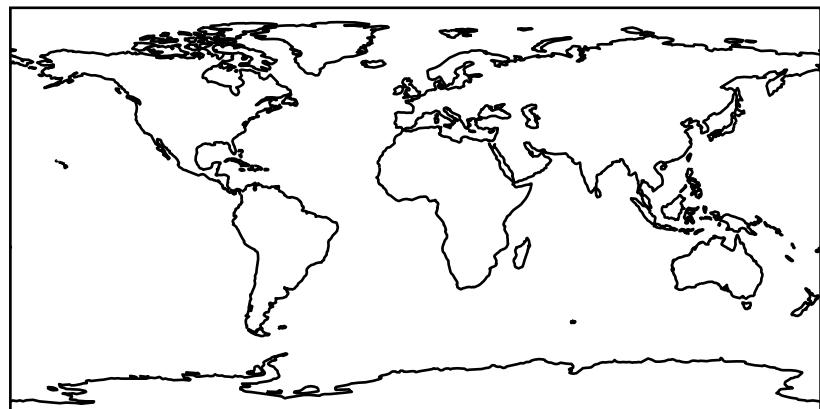
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Difference (1x1.25)
Dev - Ref, Dynamic Range



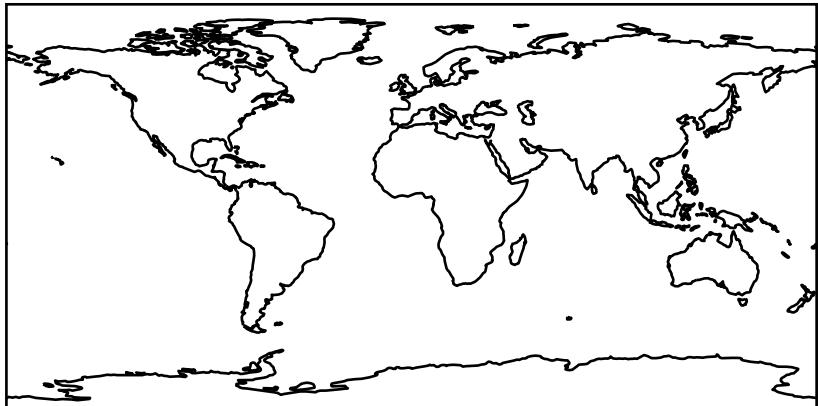
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Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



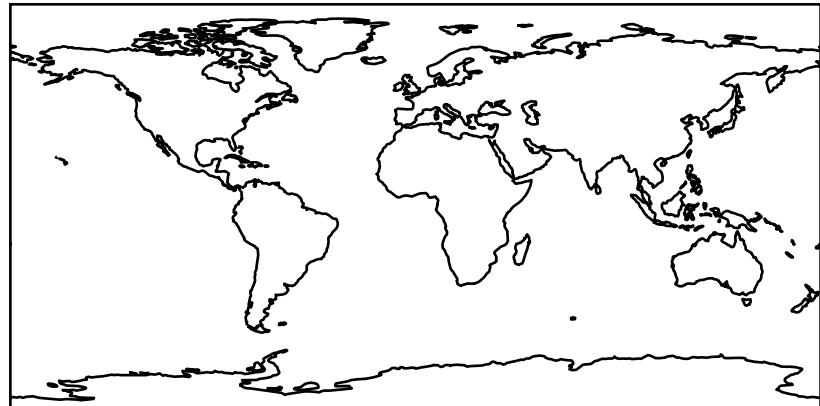
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



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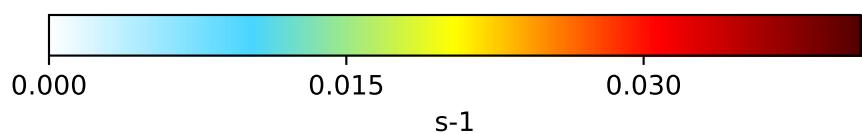
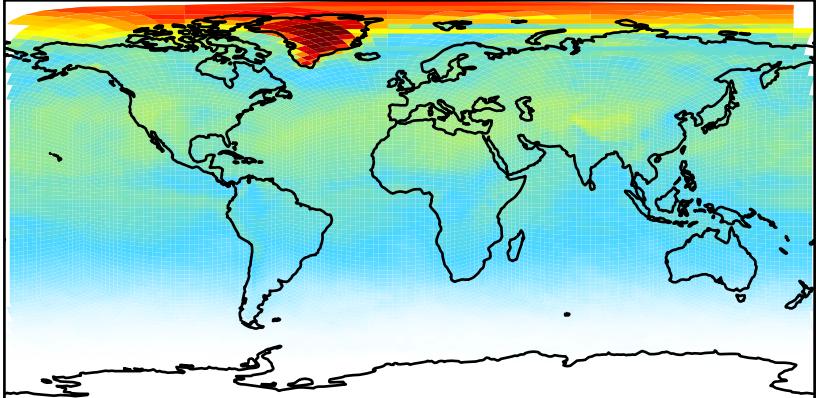
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



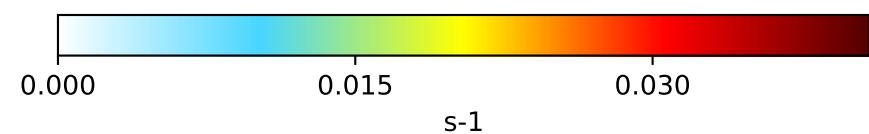
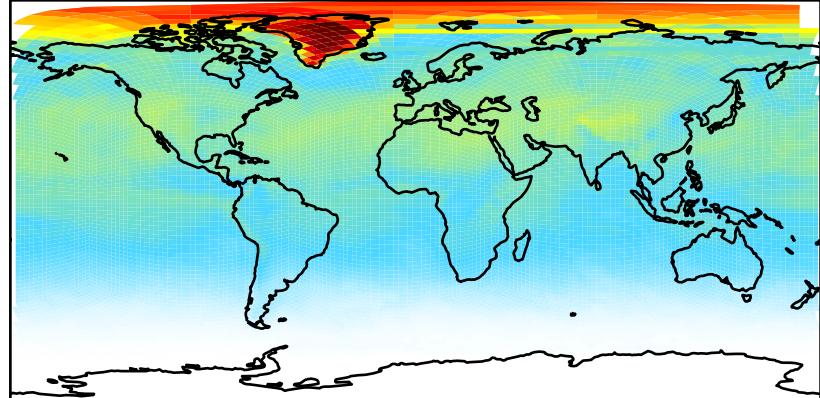
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Jval_INO

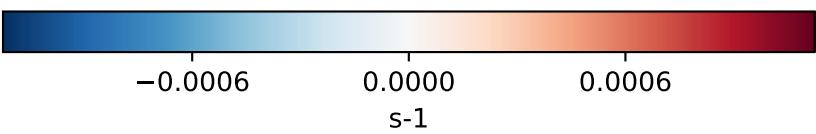
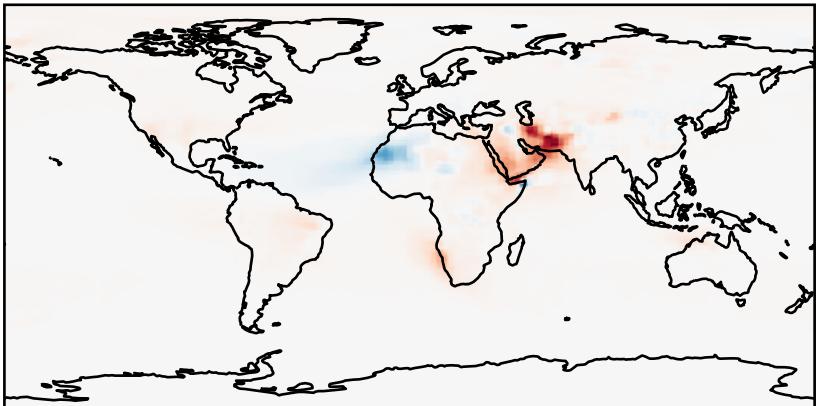
GCHP_12.7.0 (Ref)
c48



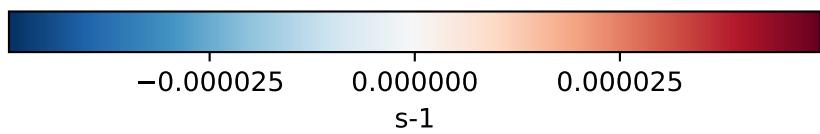
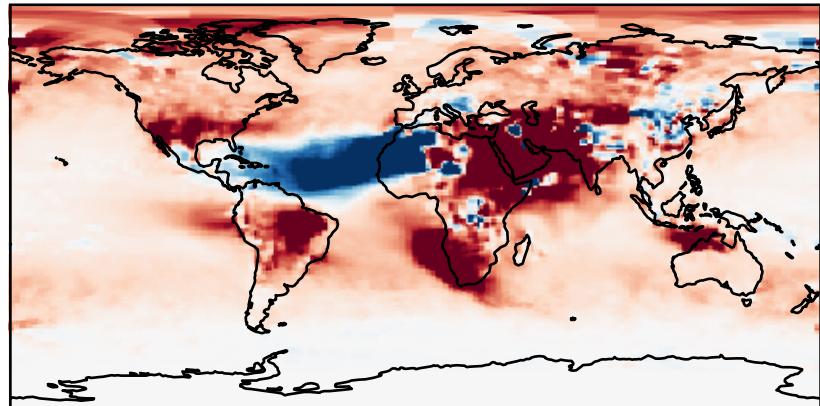
GCHP_12.8.0 (Dev)
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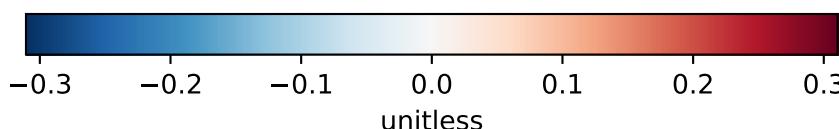
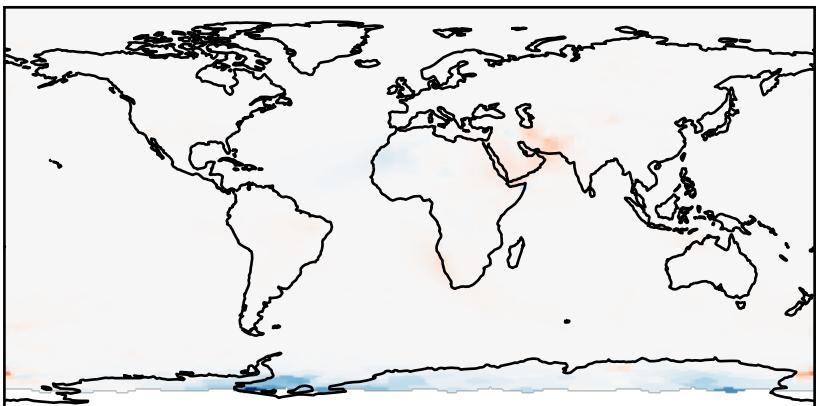
Difference (1x1.25)
Dev - Ref, Dynamic Range



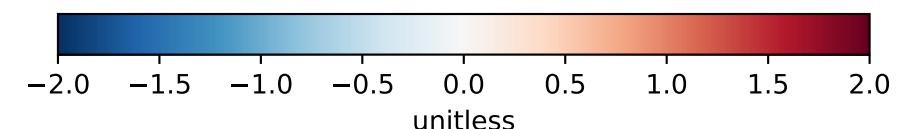
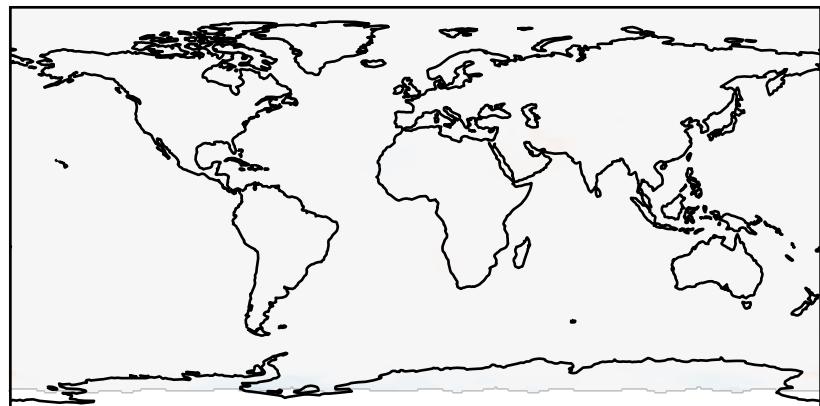
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

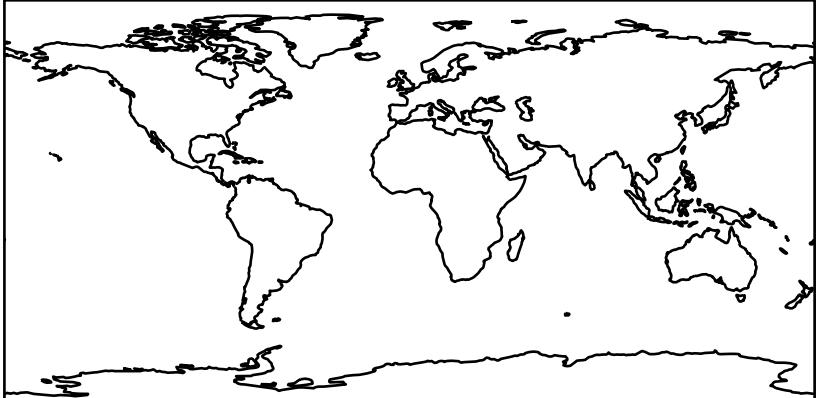


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



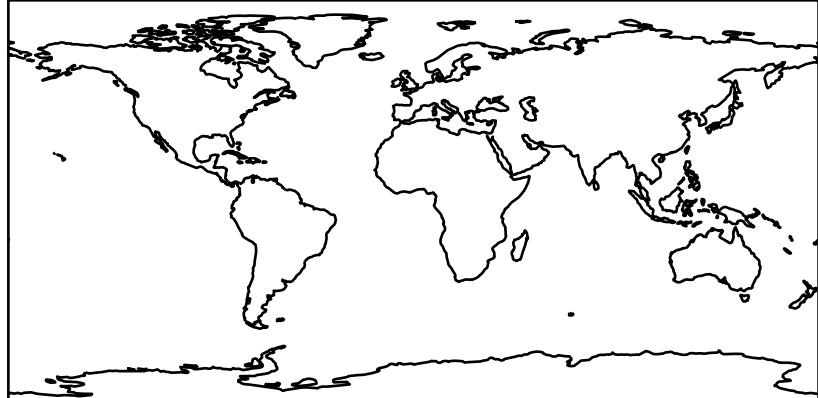
Jval_INPB

GCHP_12.7.0 (Ref)
c48



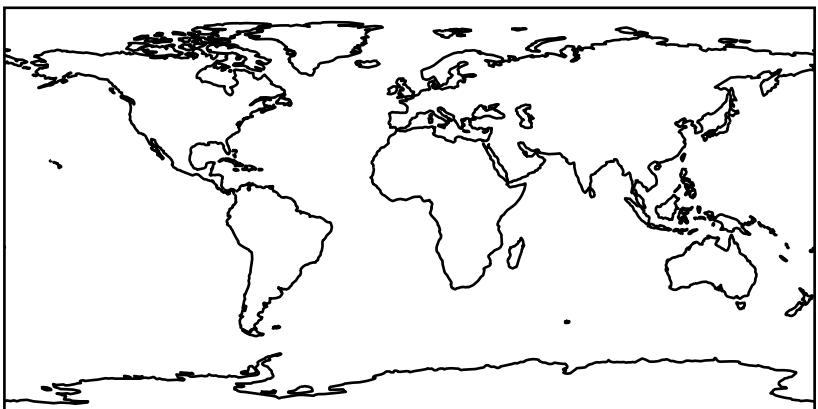
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GCHP_12.8.0 (Dev)
c48



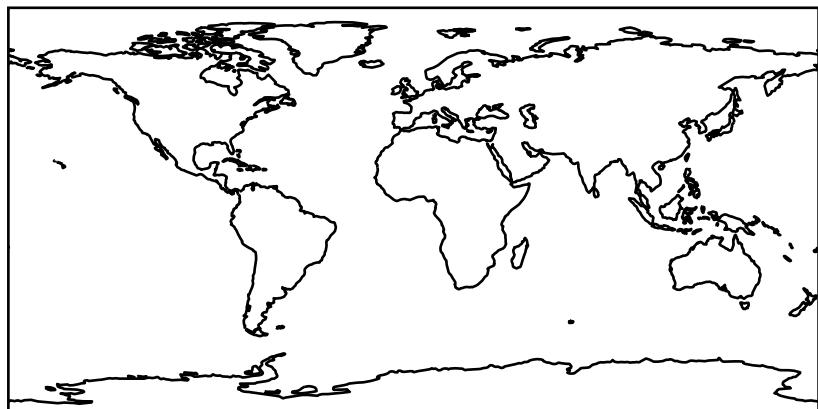
Zero throughout domain
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Difference (1x1.25)
Dev - Ref, Dynamic Range



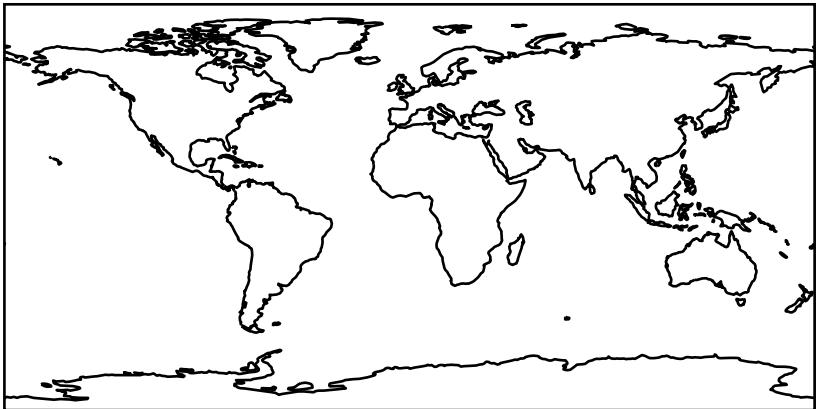
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



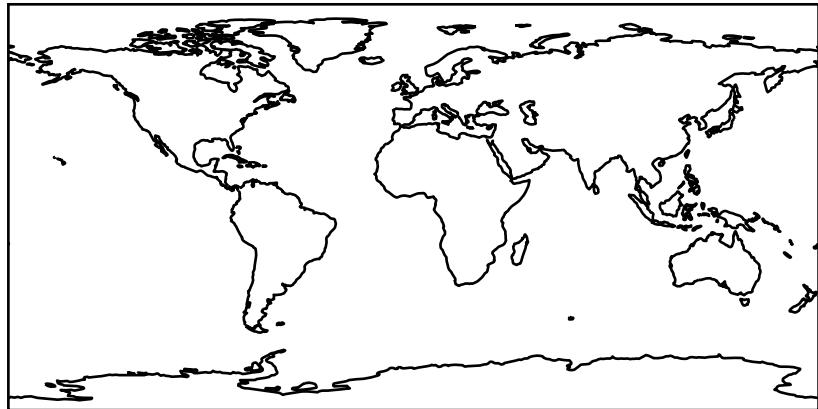
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s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



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unitless

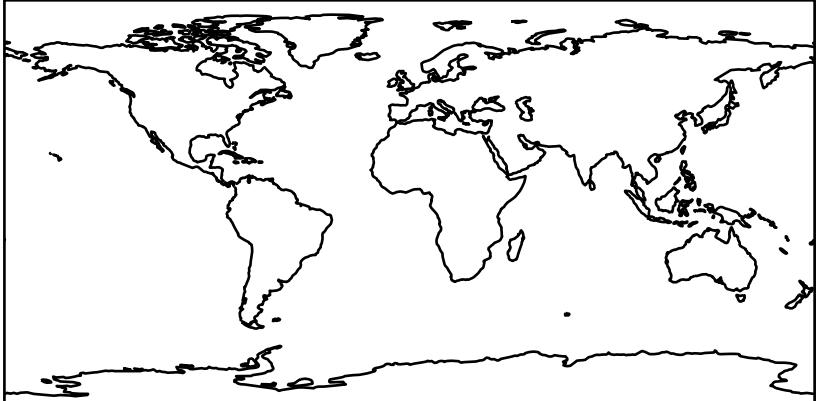
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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Jval_INPD

GCHP_12.7.0 (Ref)
c48



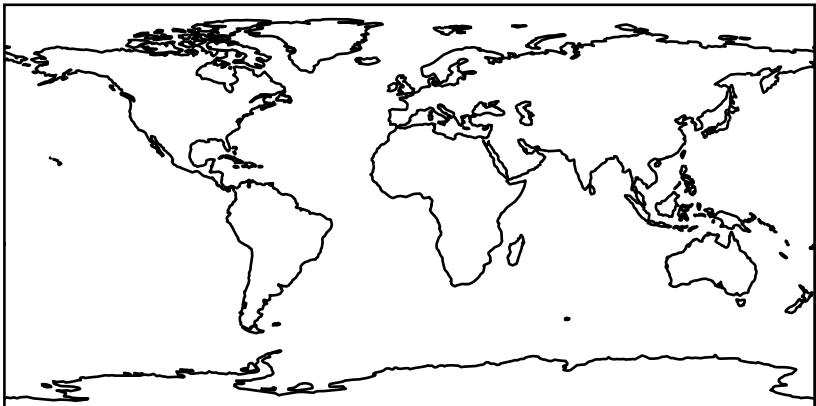
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s-1

GCHP_12.8.0 (Dev)
c48



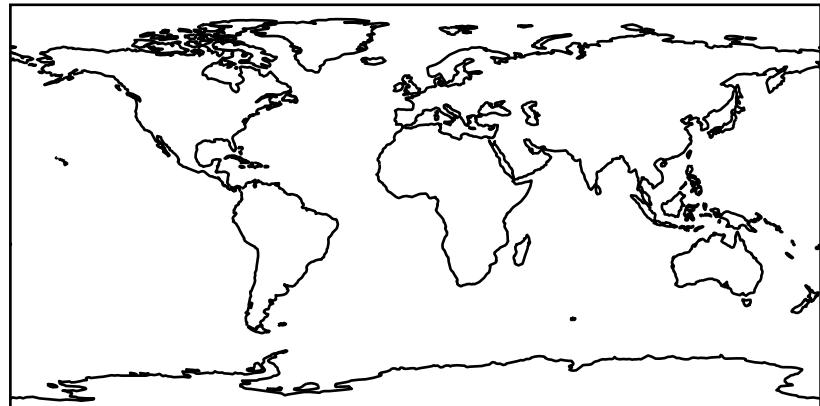
Zero throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



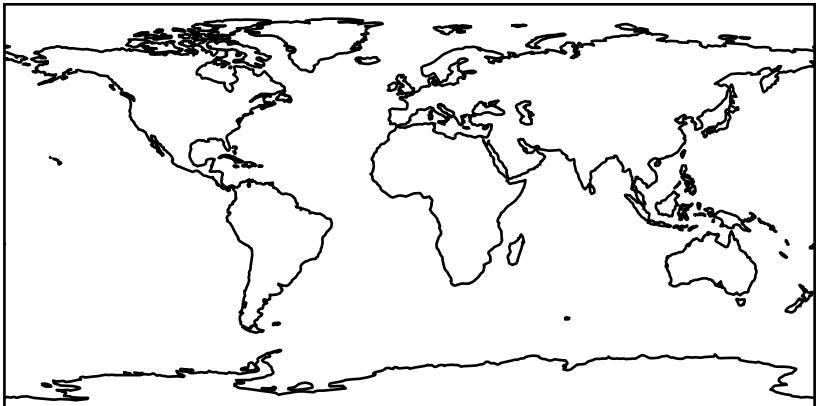
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



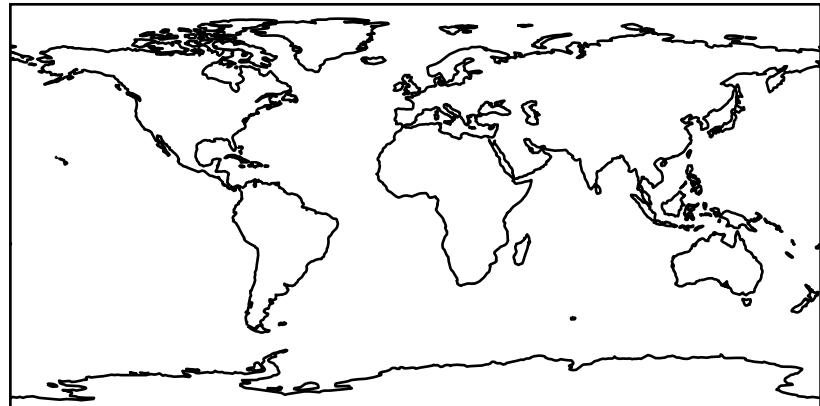
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s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



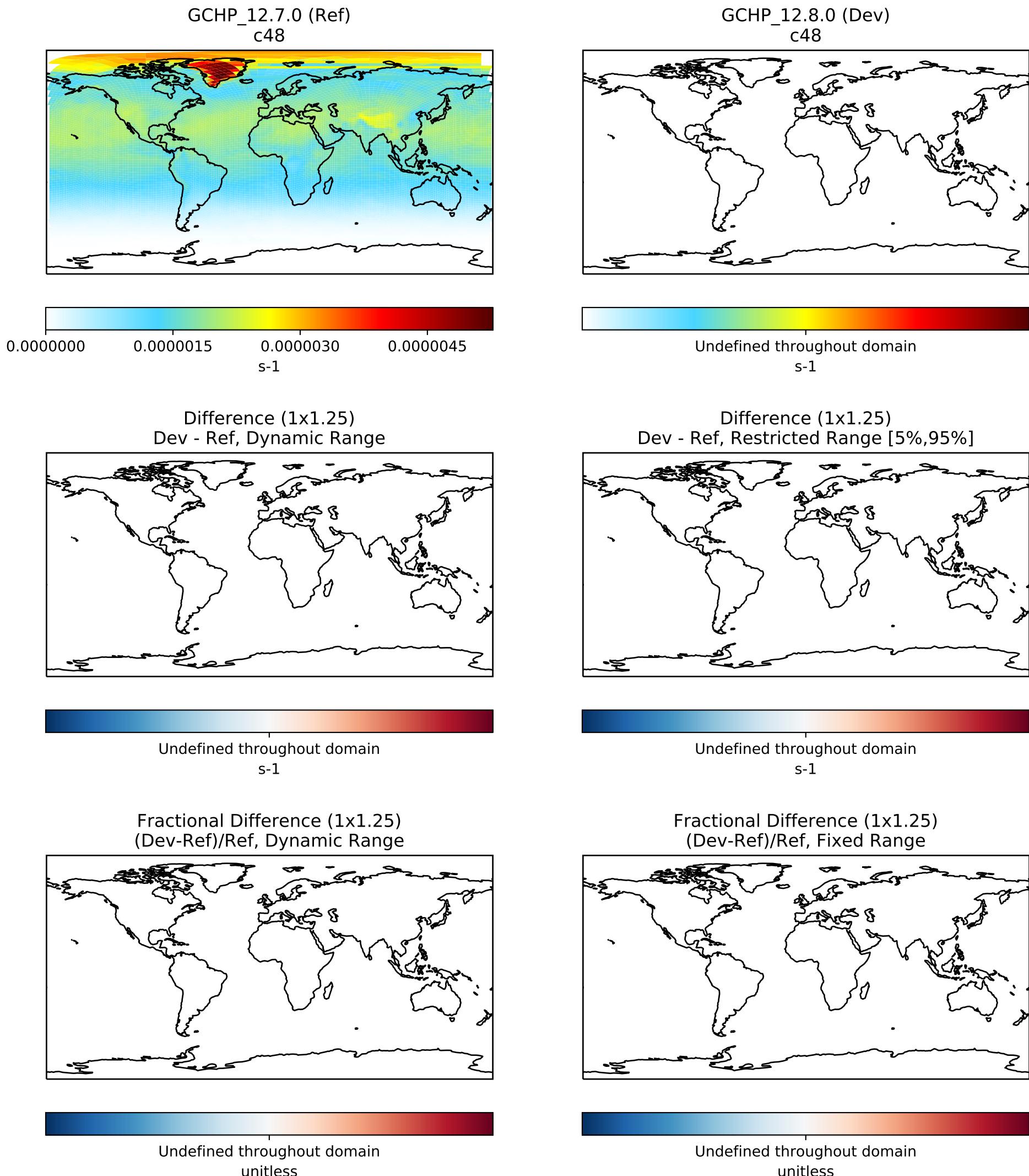
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unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

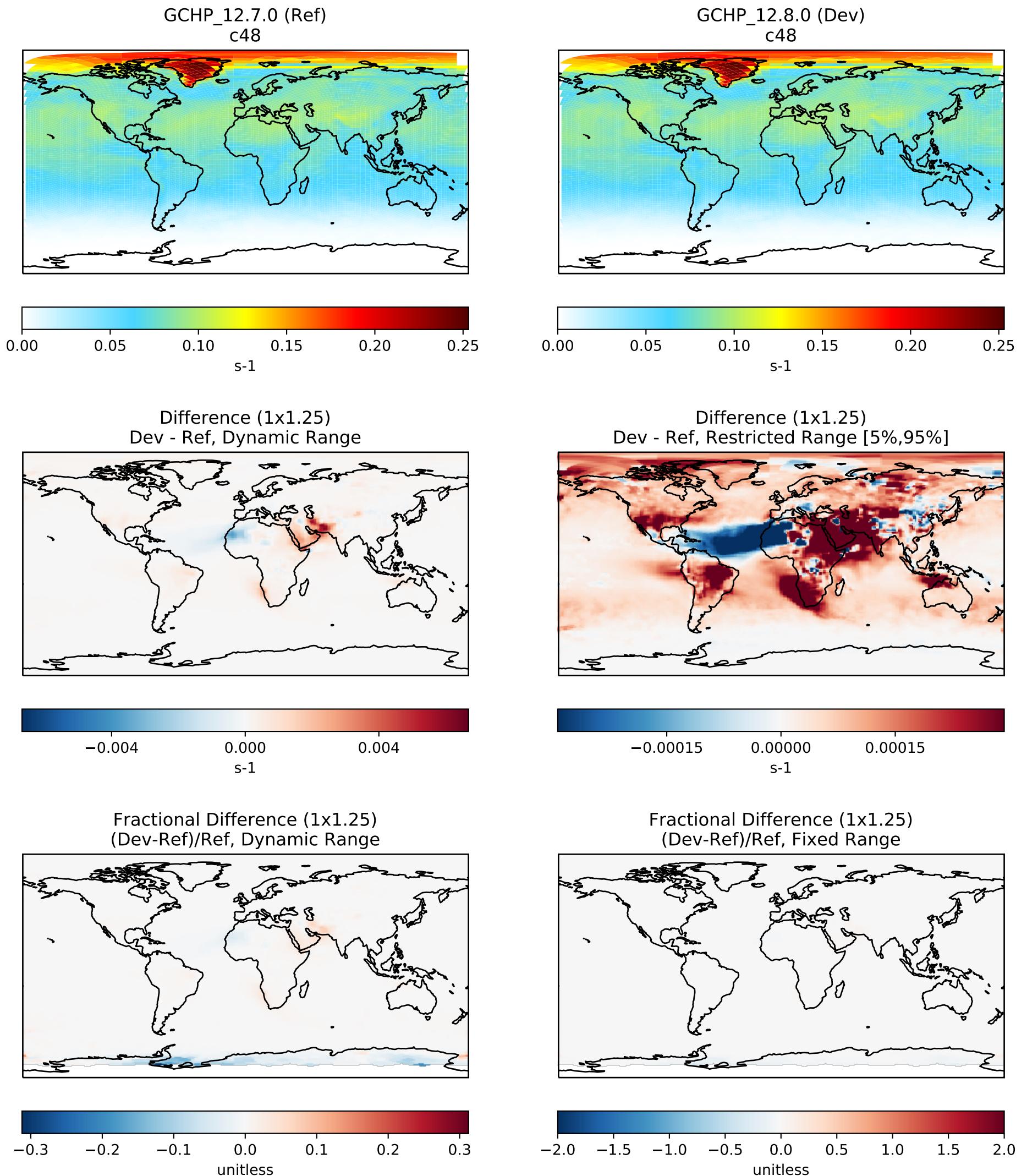


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unitless

Jval_INPN

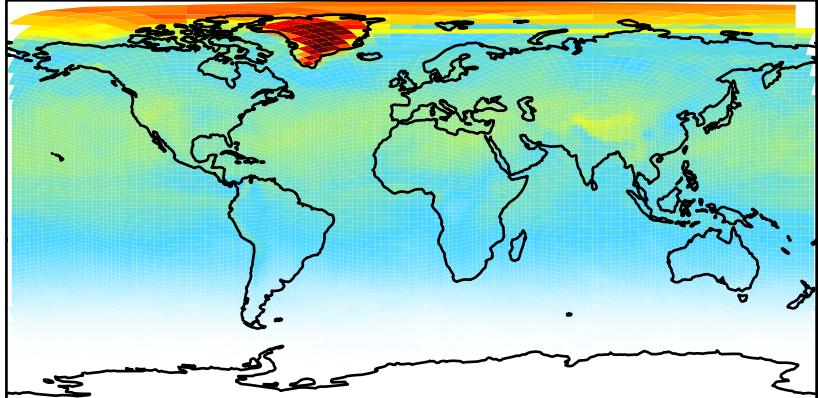


Jval_IO

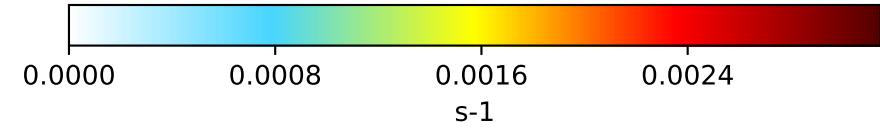
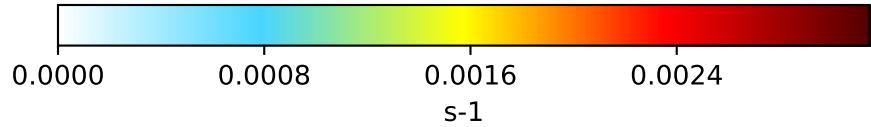
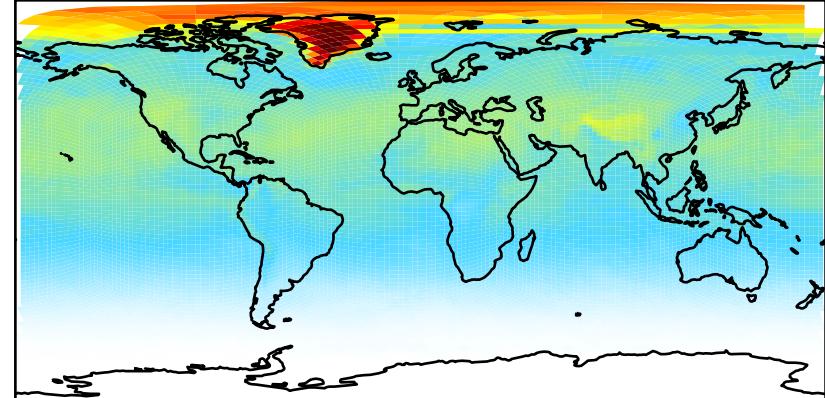


Jval_Iono

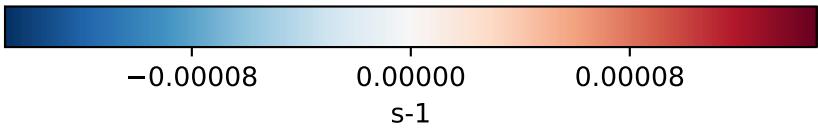
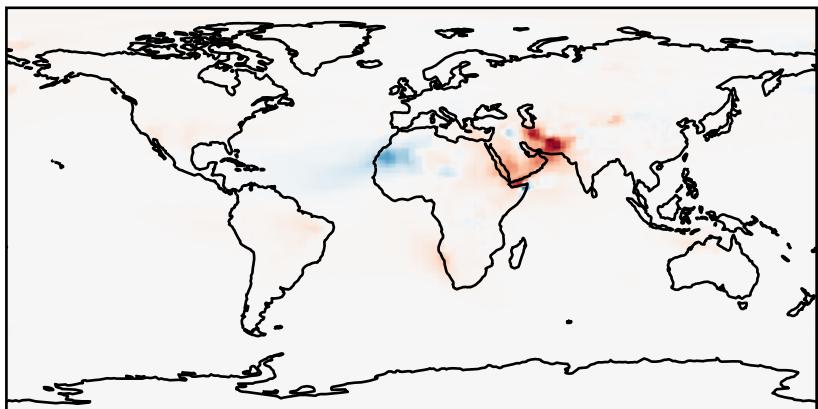
GCHP_12.7.0 (Ref)
c48



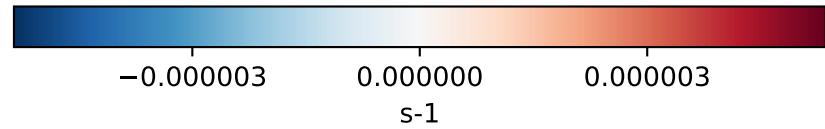
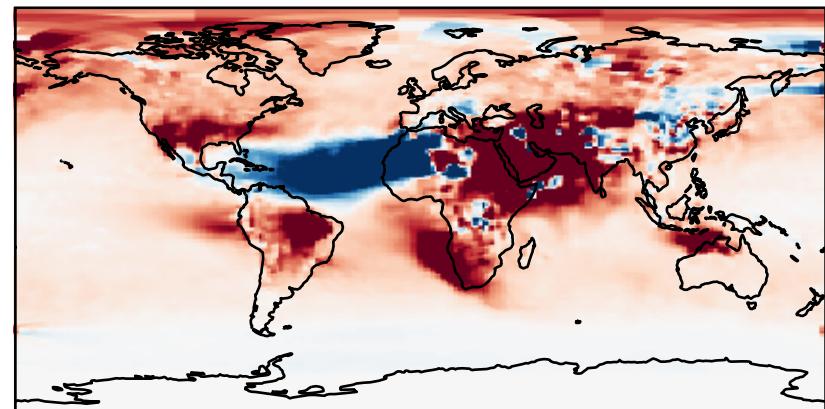
GCHP_12.8.0 (Dev)
c48



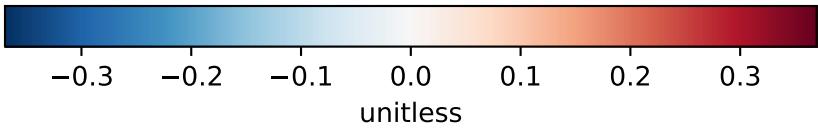
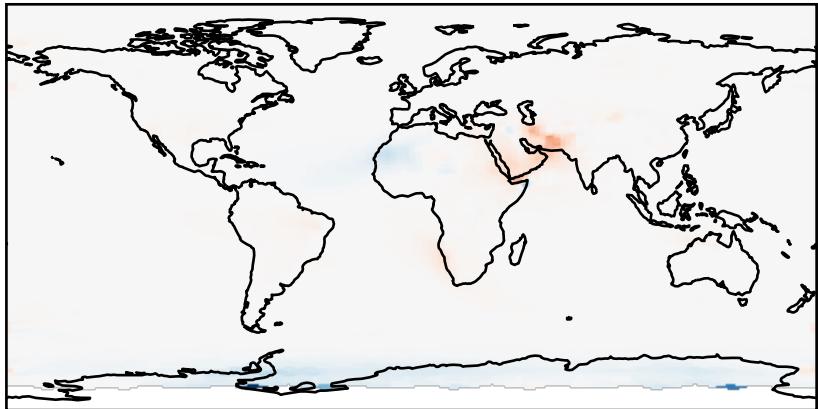
Difference (1x1.25)
Dev - Ref, Dynamic Range



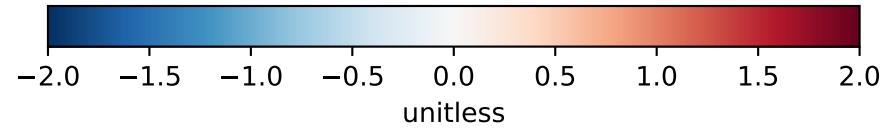
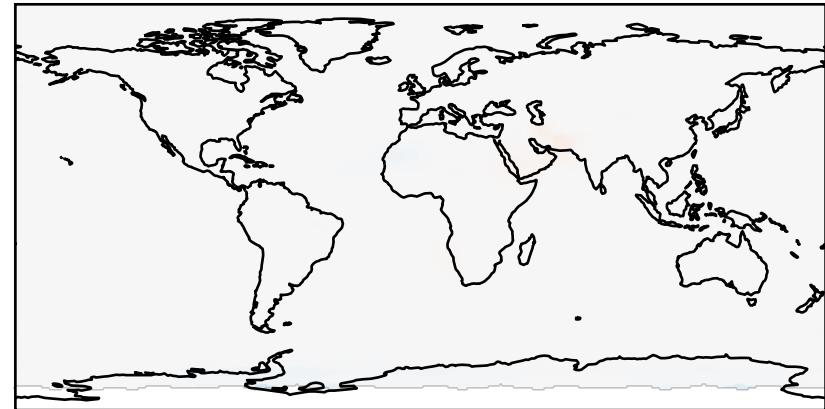
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

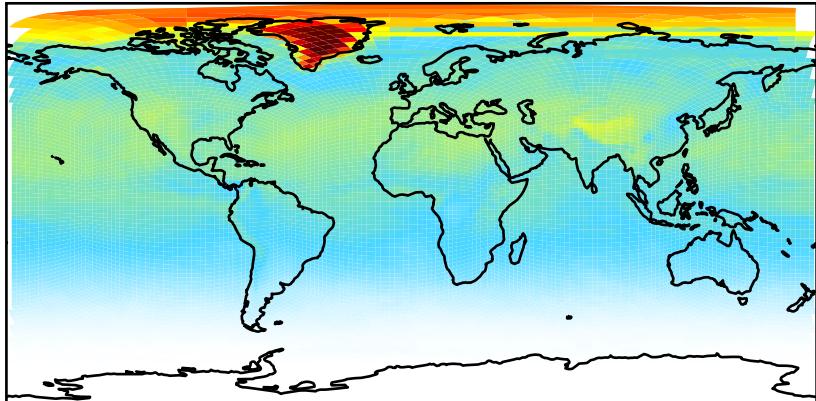


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

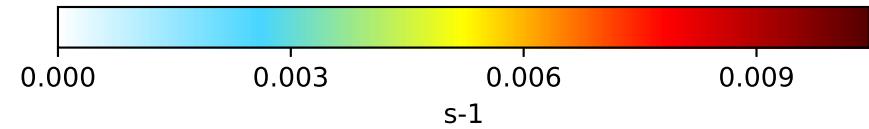
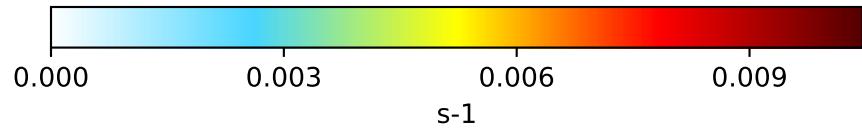
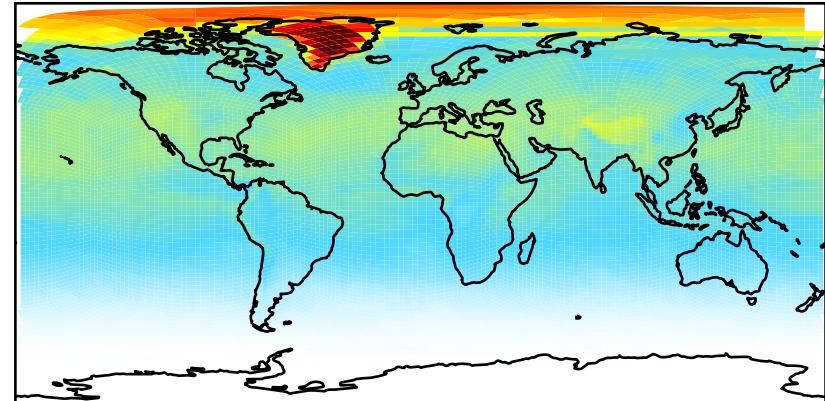


Jval_IONO2

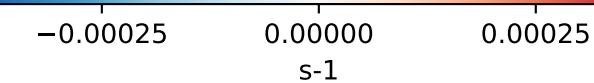
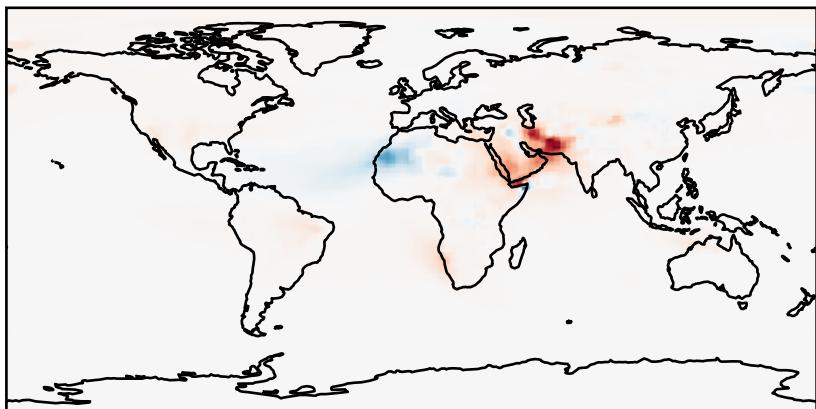
GCHP_12.7.0 (Ref)
c48



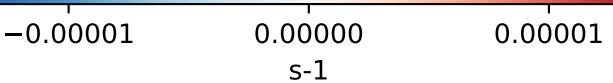
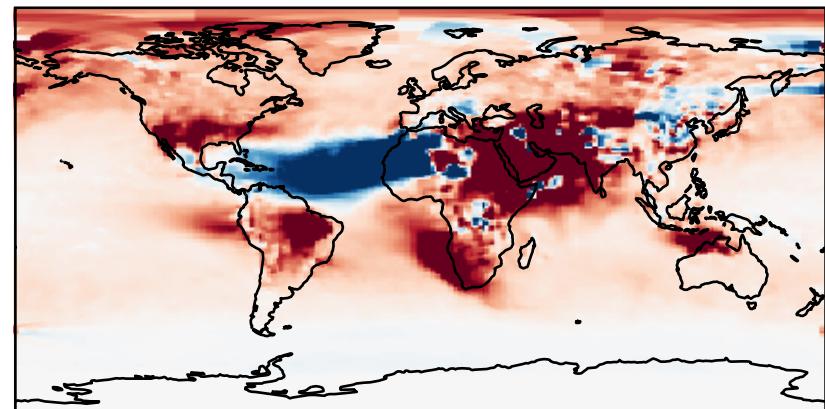
GCHP_12.8.0 (Dev)
c48



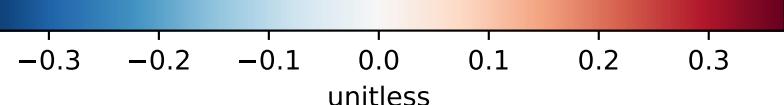
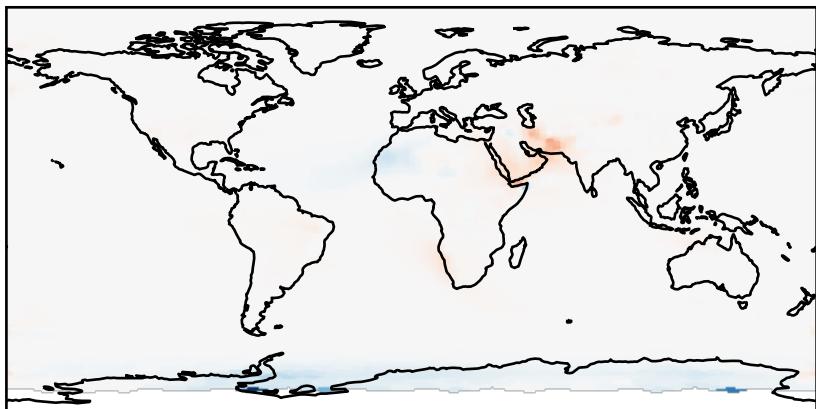
Difference (1x1.25)
Dev - Ref, Dynamic Range



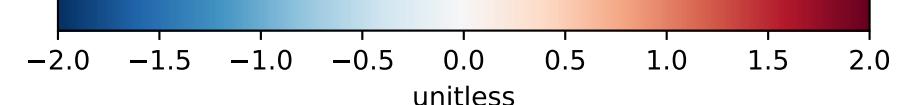
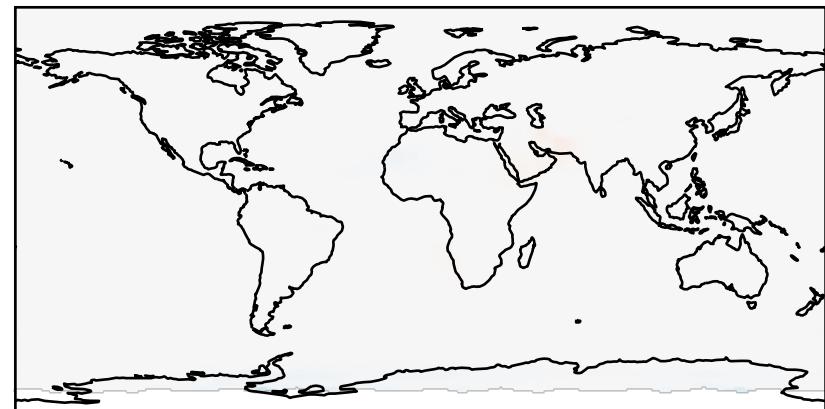
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

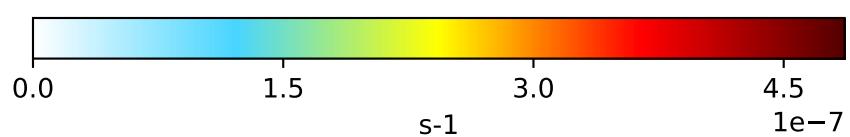
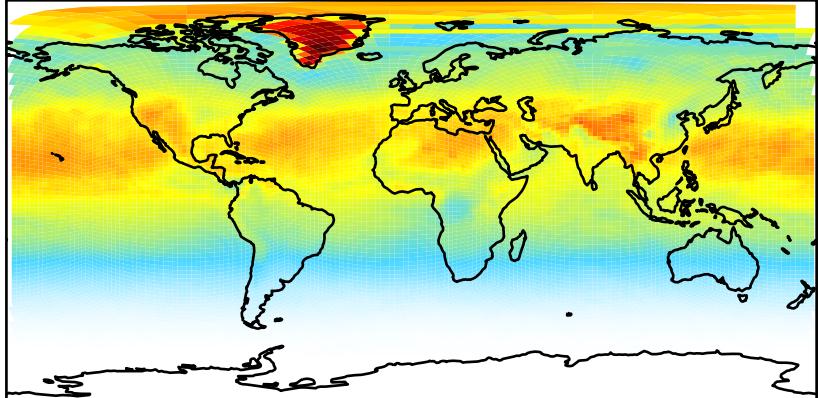


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

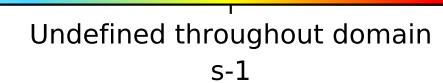


Jval_IPMN

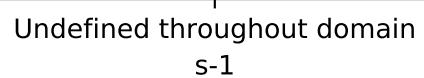
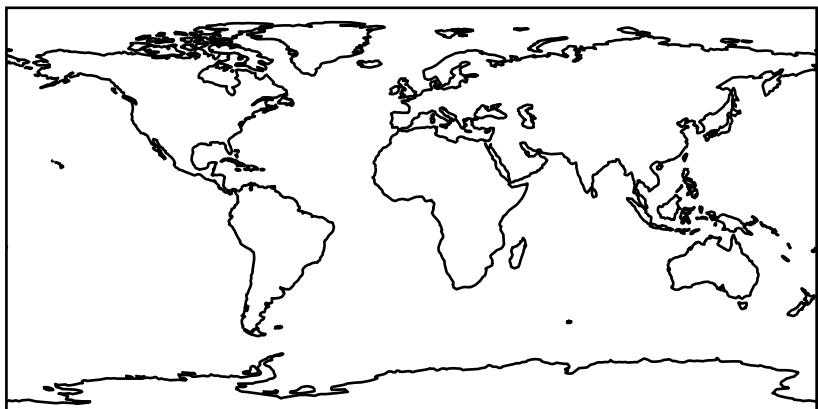
GCHP_12.7.0 (Ref)
c48



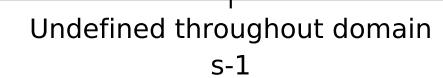
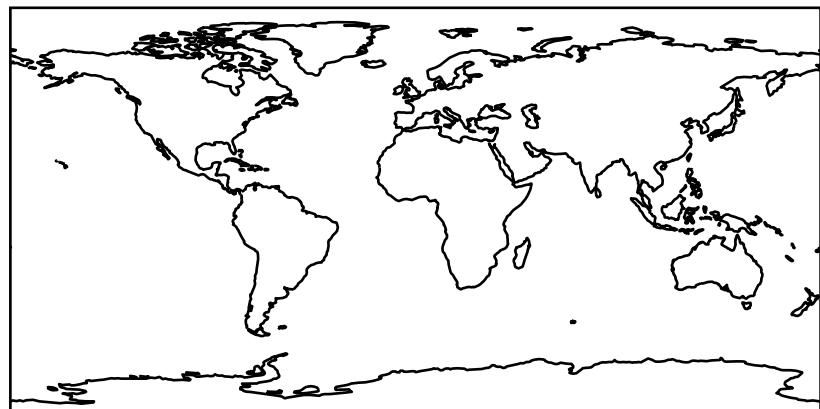
GCHP_12.8.0 (Dev)
c48



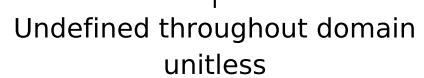
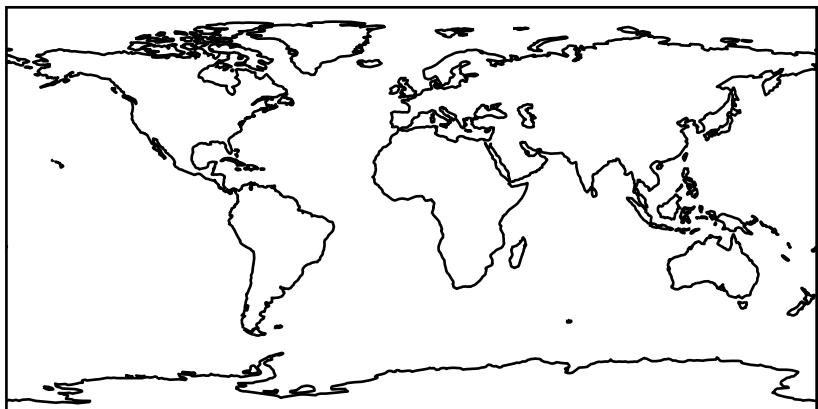
Difference (1x1.25)
Dev - Ref, Dynamic Range



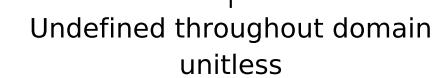
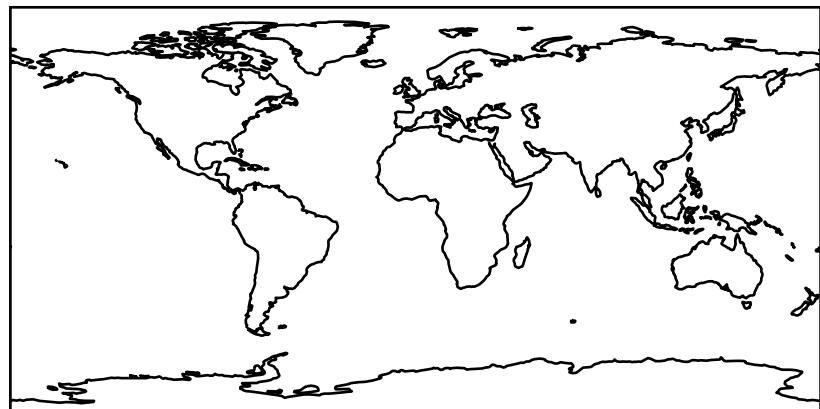
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

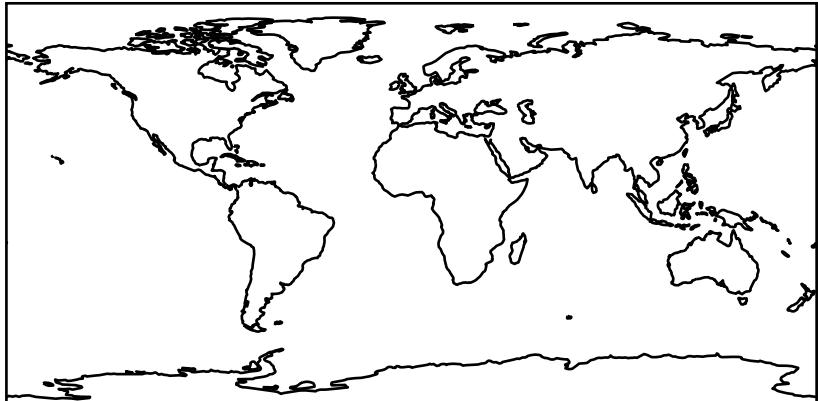


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



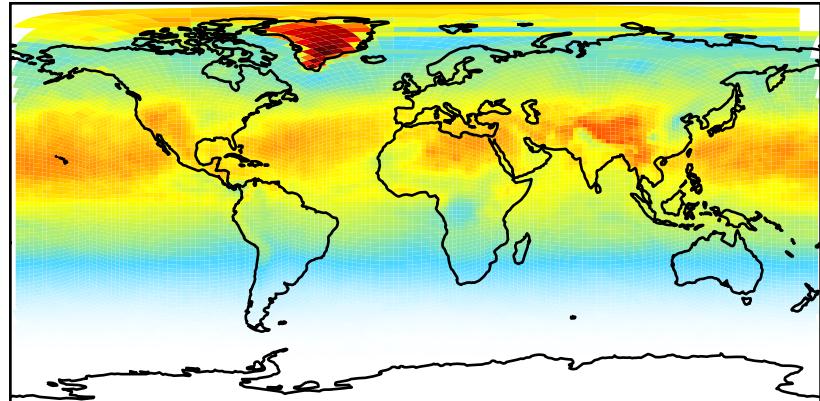
Jval_IPRNO3

GCHP_12.7.0 (Ref)
c48



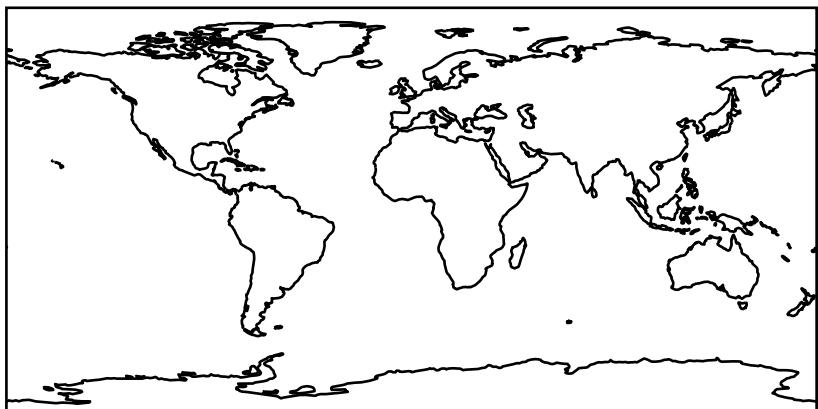
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s-1

GCHP_12.8.0 (Dev)
c48



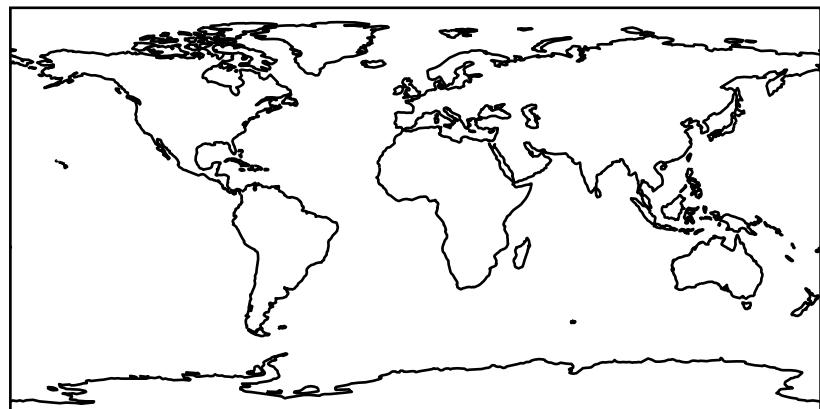
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s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



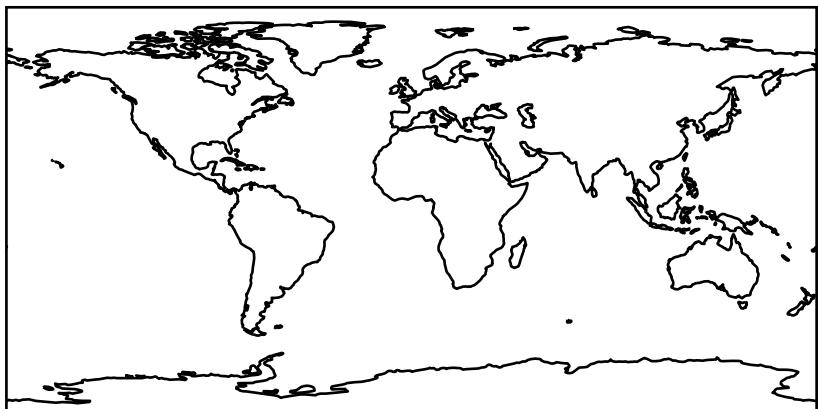
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



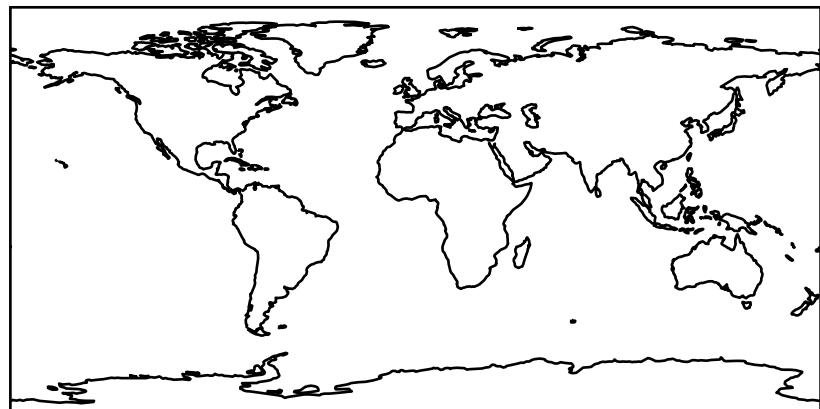
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



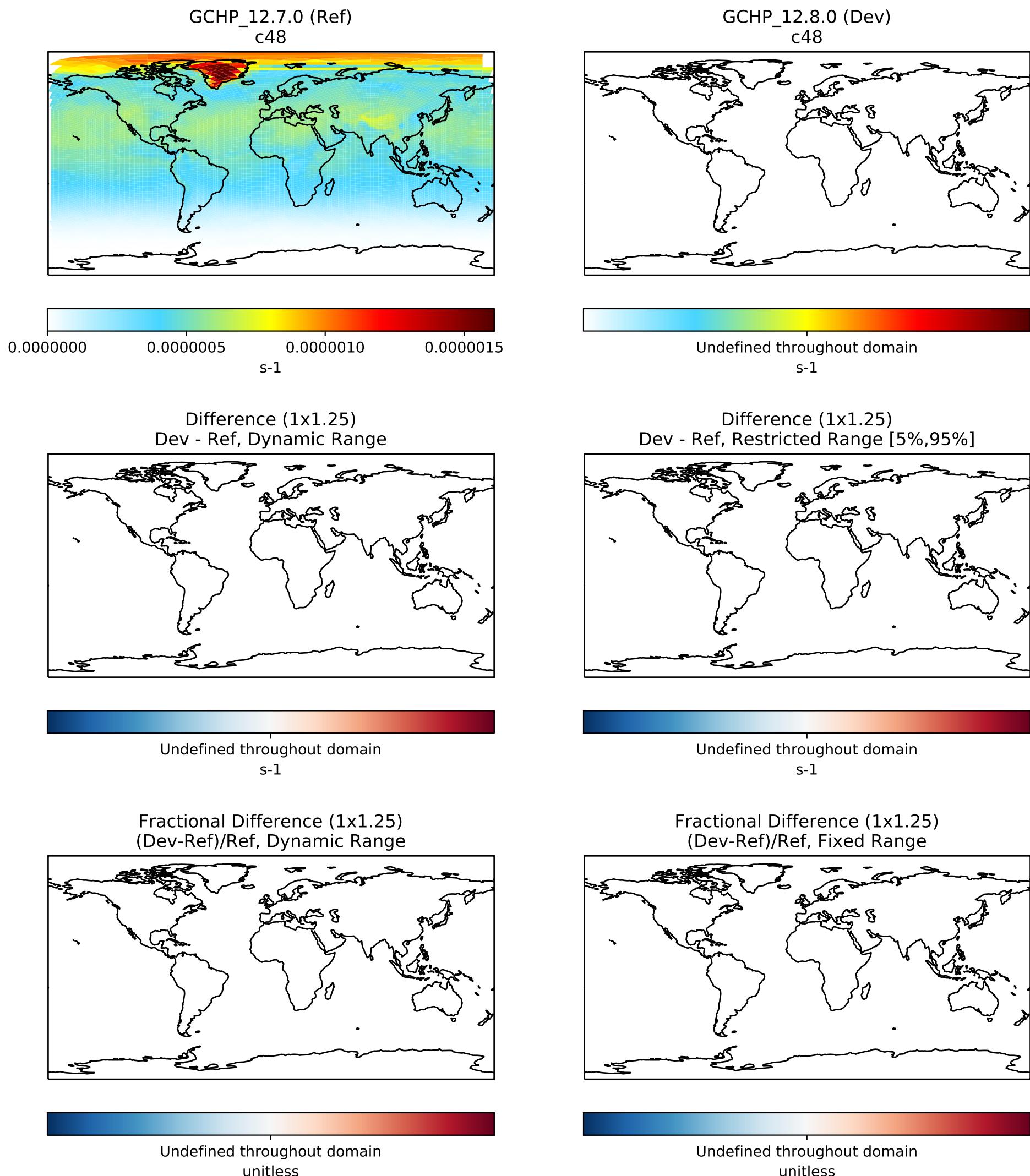
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

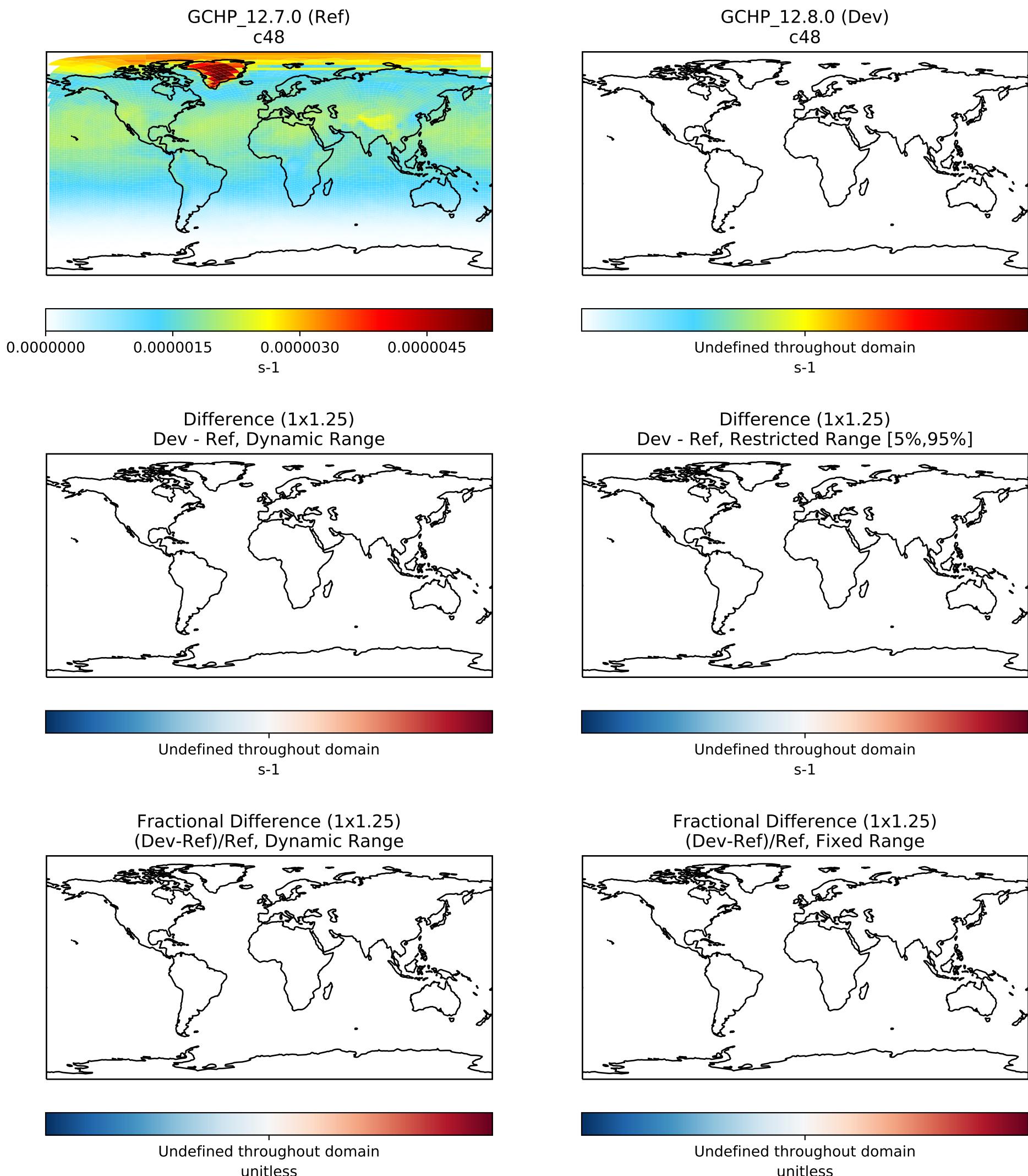


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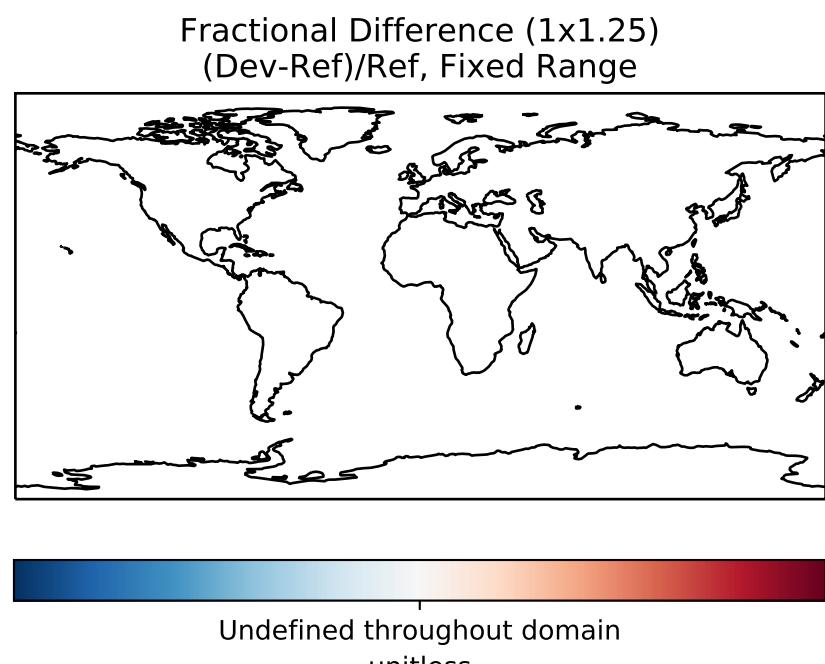
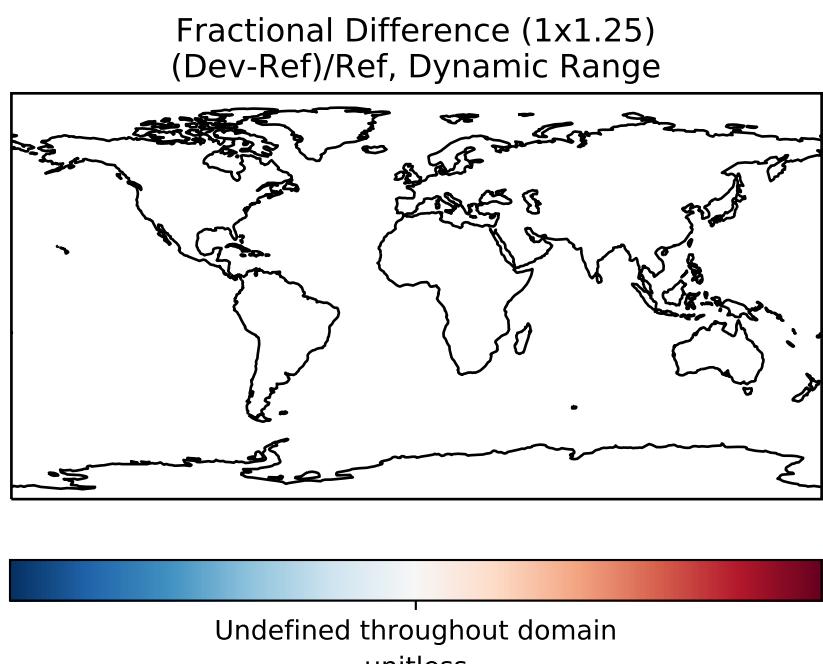
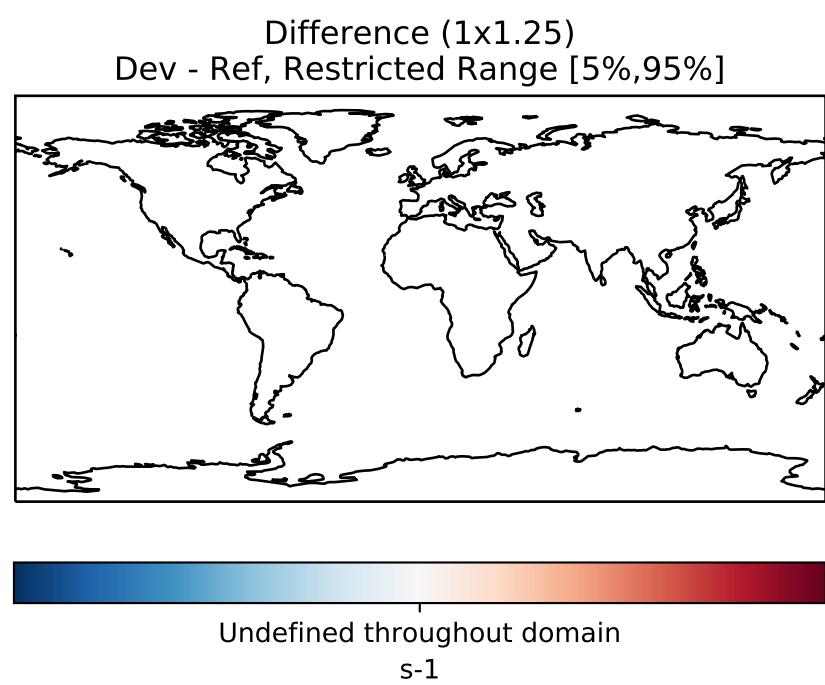
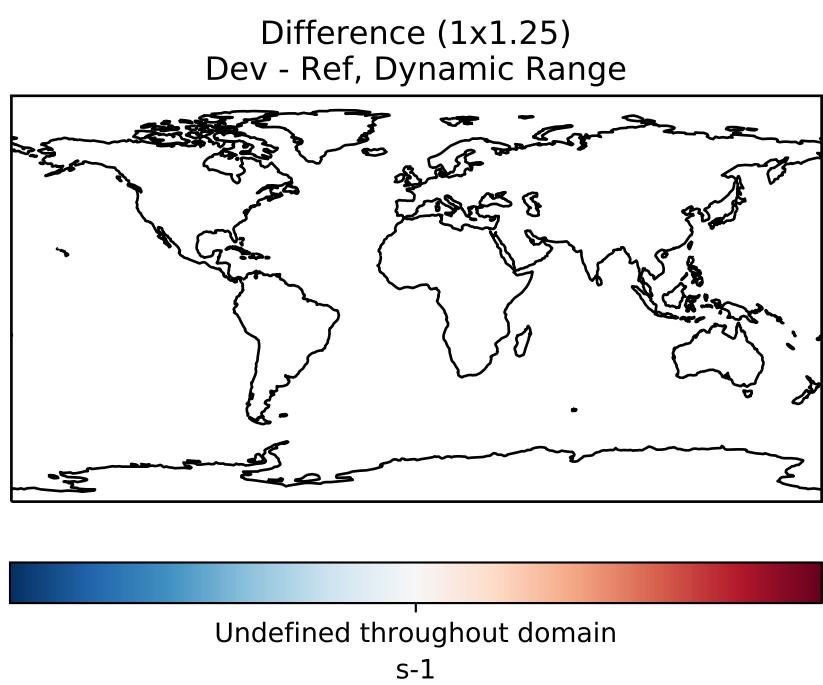
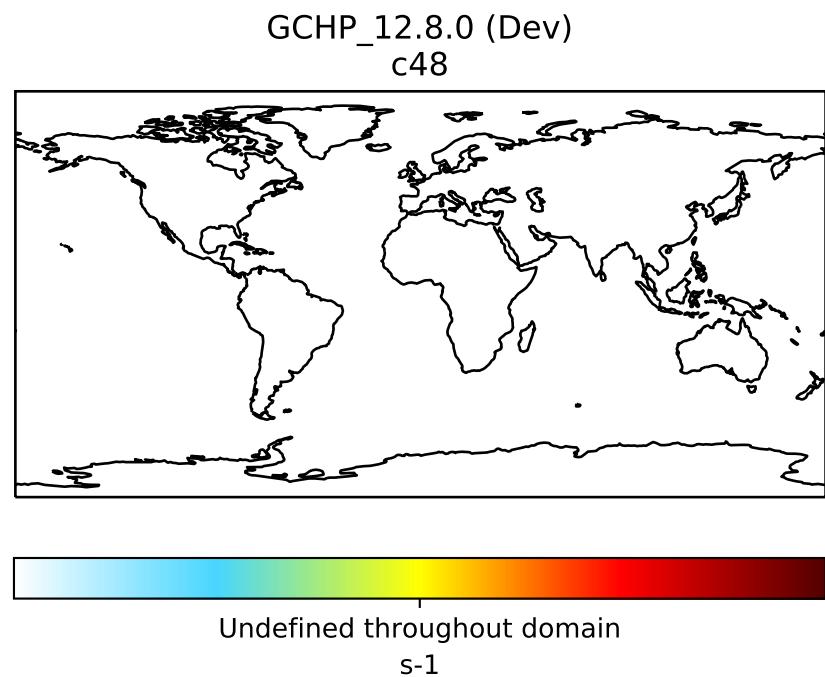
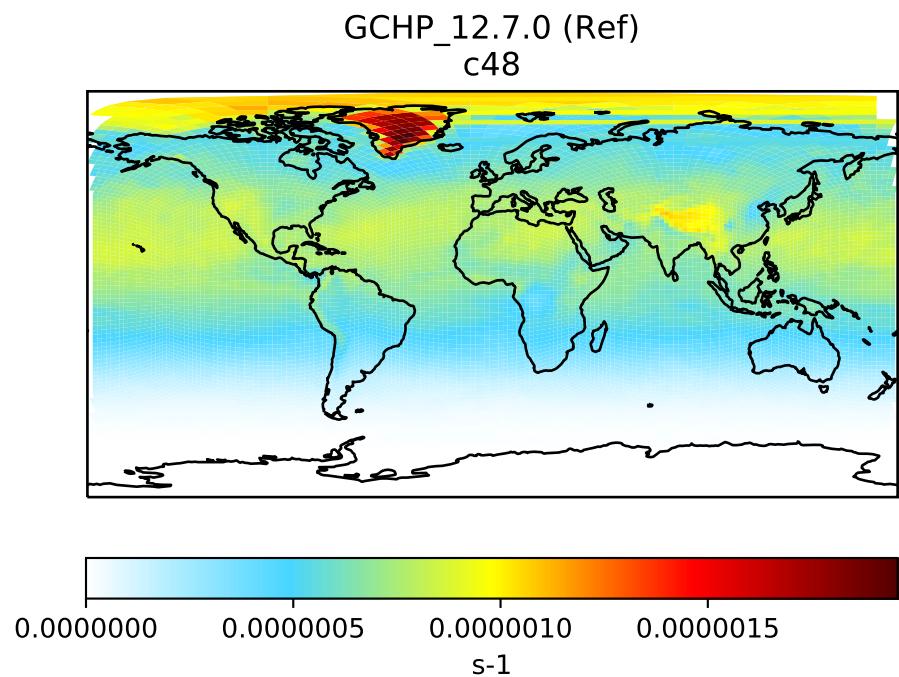
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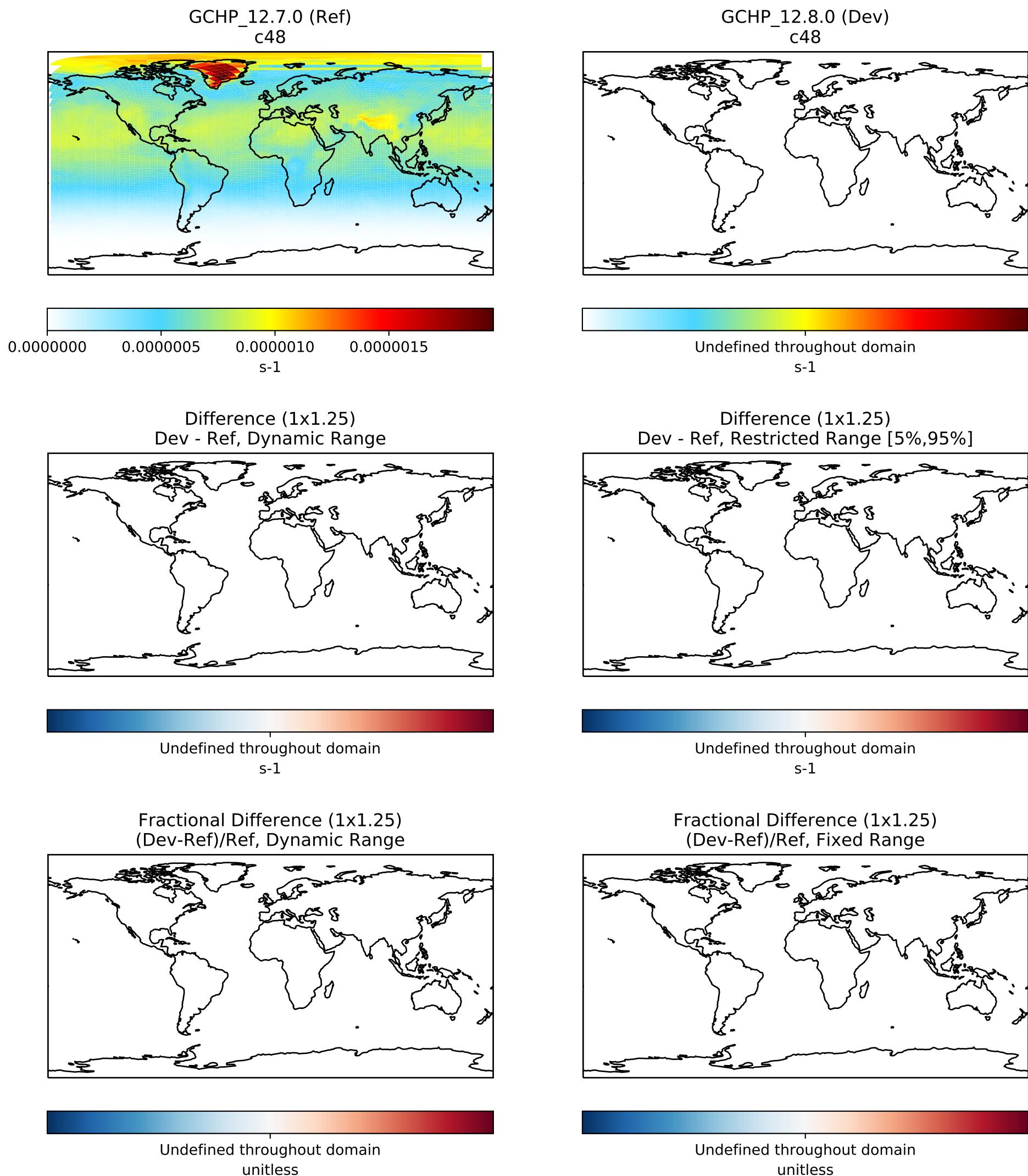
Jval_ISNP



Jval_ISOPNB

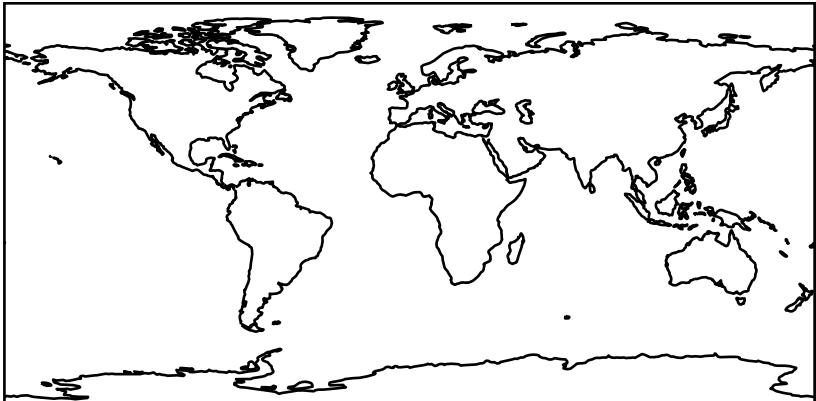


Jval_ISOPND



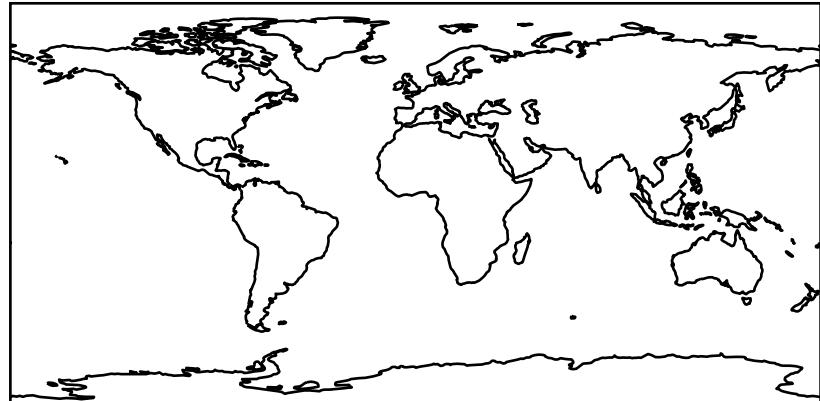
Jval_ITCN

GCHP_12.7.0 (Ref)
c48



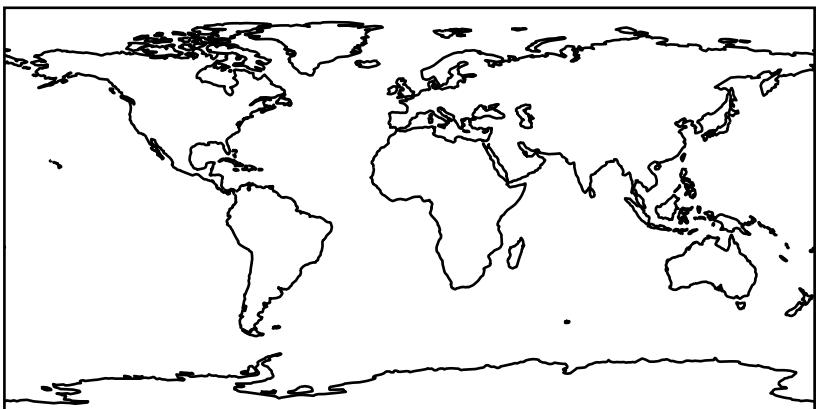
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s-1

GCHP_12.8.0 (Dev)
c48



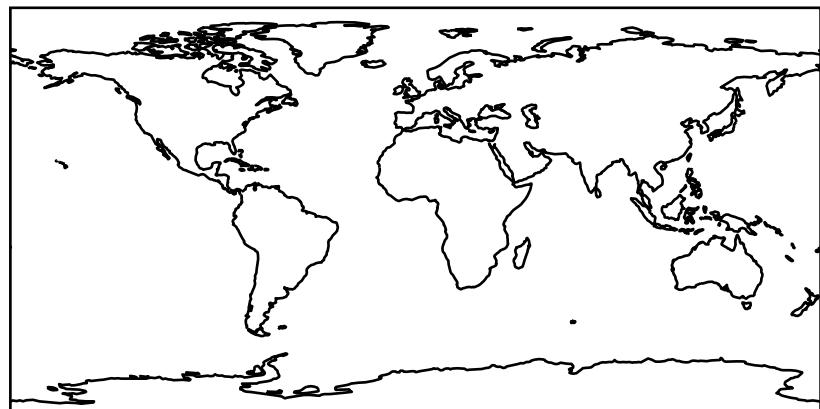
Zero throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



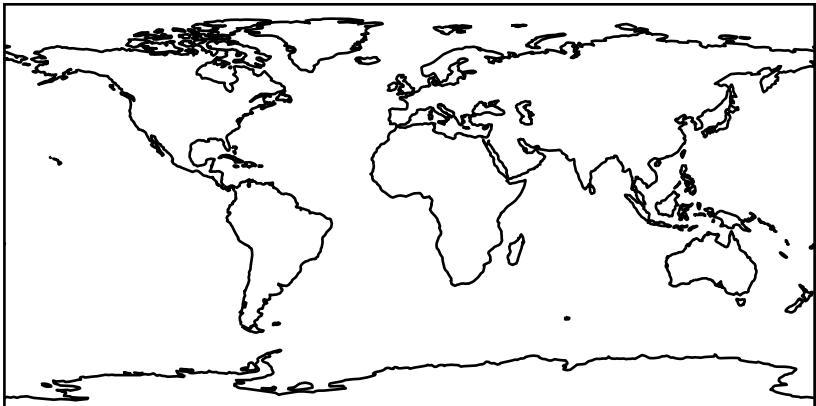
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



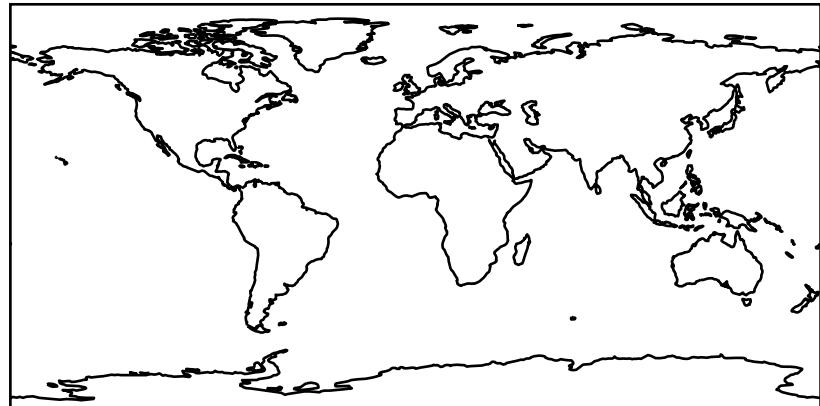
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s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

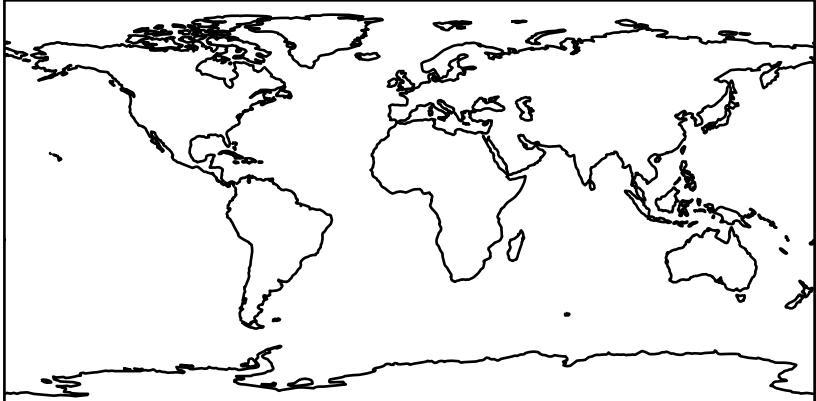
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain
unitless

Jval_ITHN

GCHP_12.7.0 (Ref)
c48



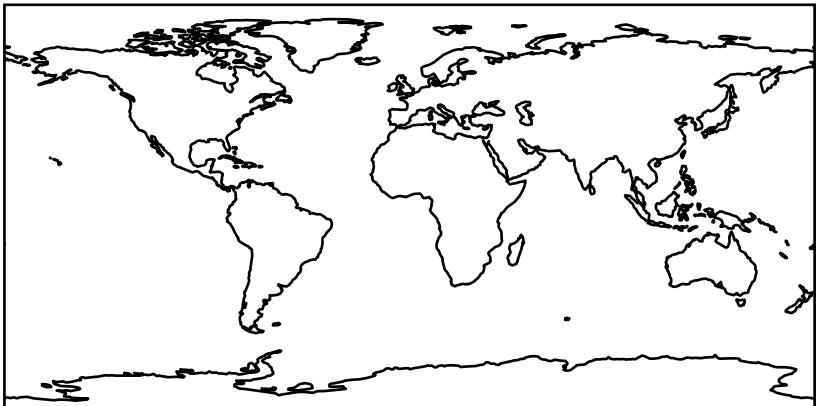
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s-1

GCHP_12.8.0 (Dev)
c48



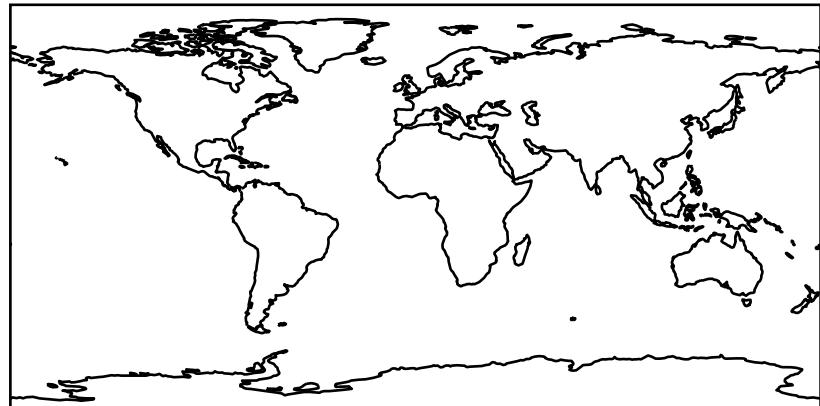
Zero throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



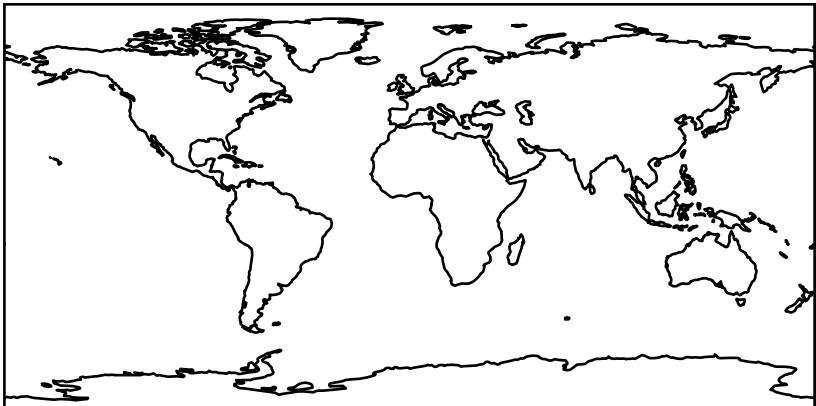
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



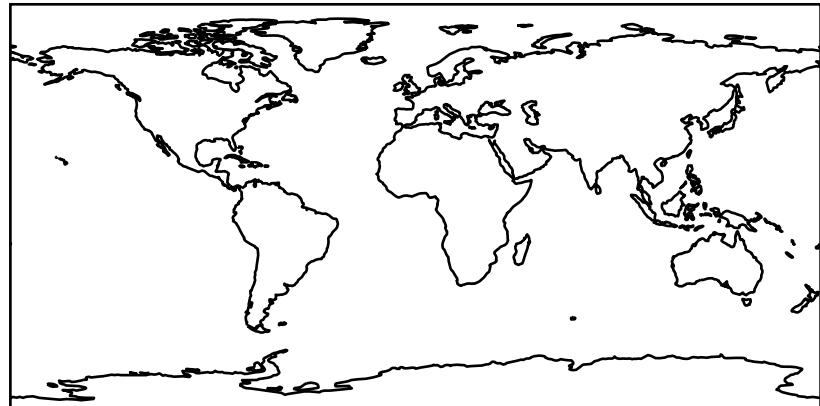
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s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

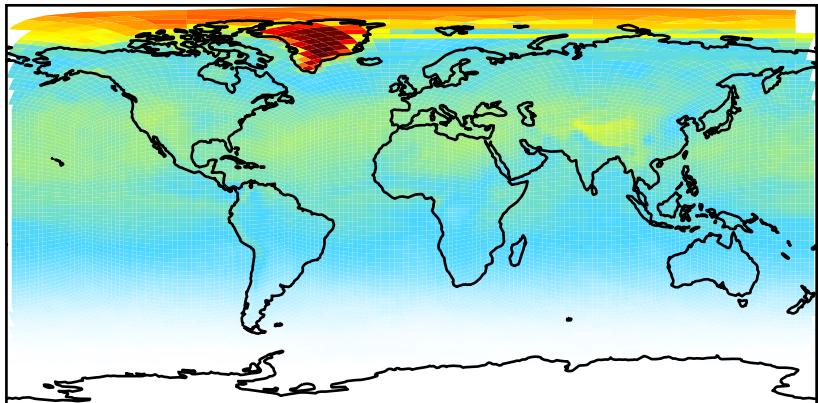
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



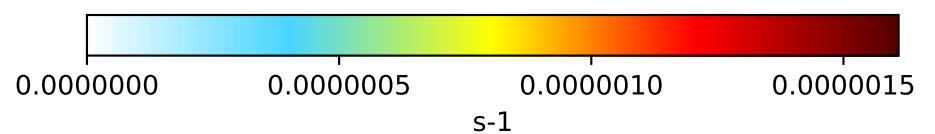
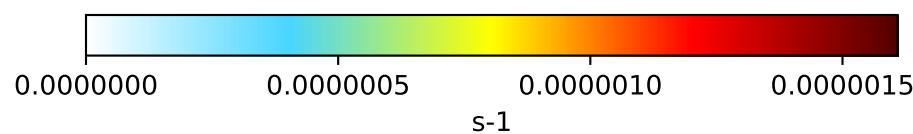
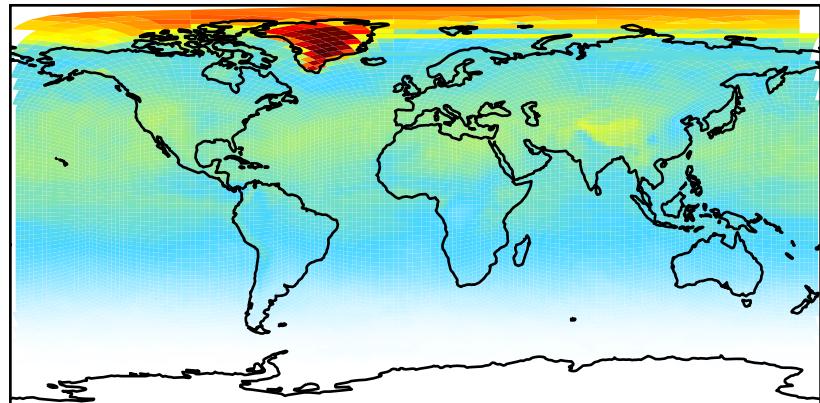
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Jval_MACR

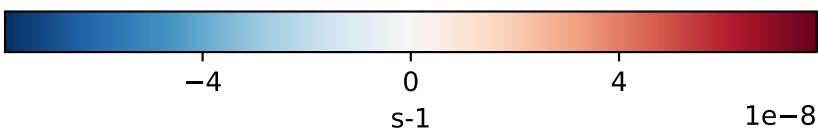
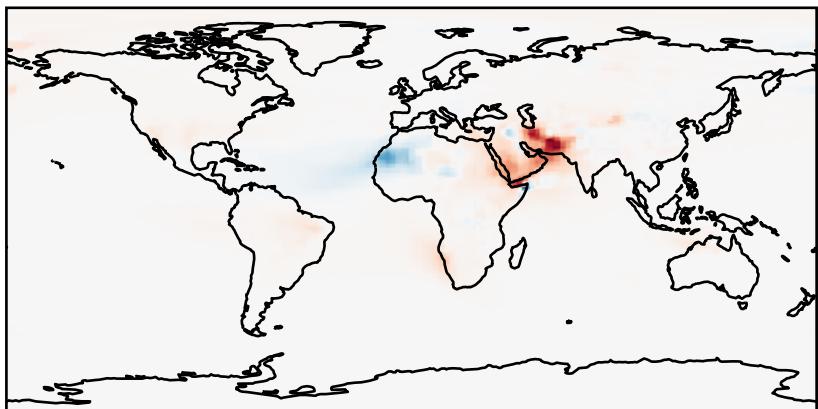
GCHP_12.7.0 (Ref)
c48



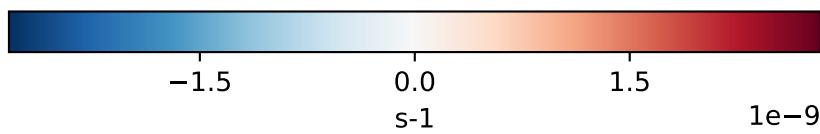
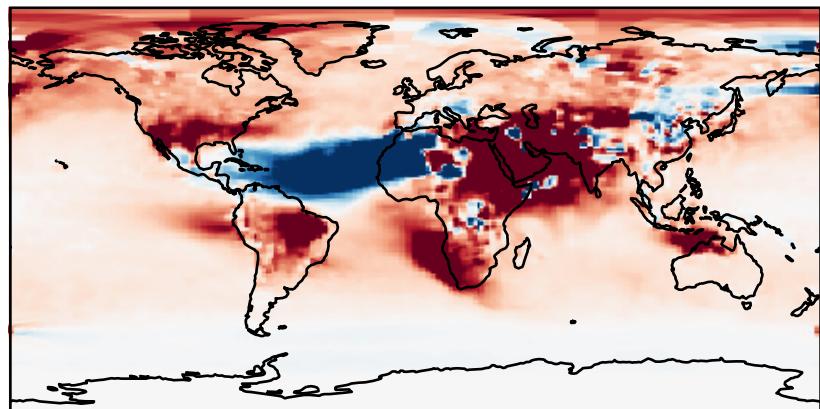
GCHP_12.8.0 (Dev)
c48



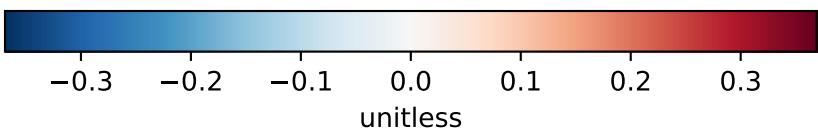
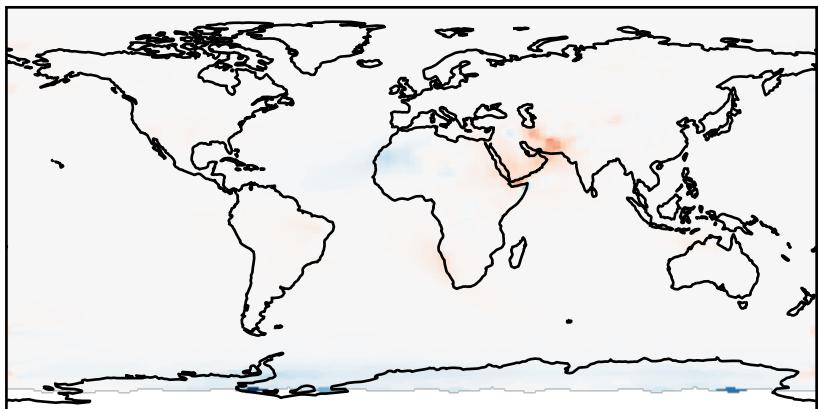
Difference (1x1.25)
Dev - Ref, Dynamic Range



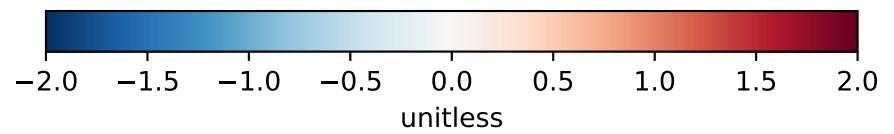
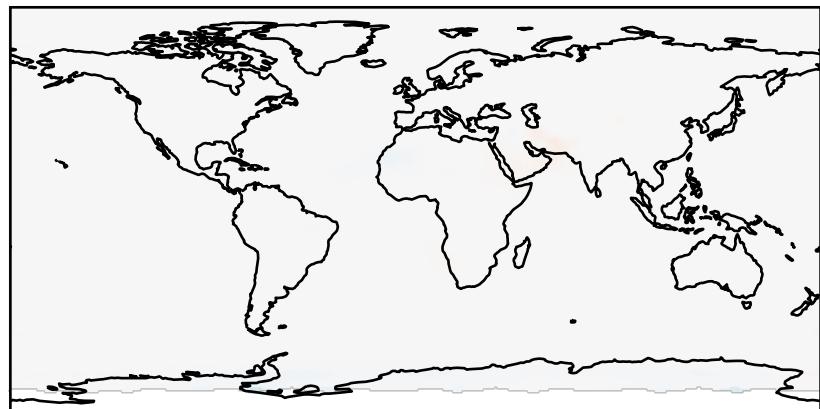
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



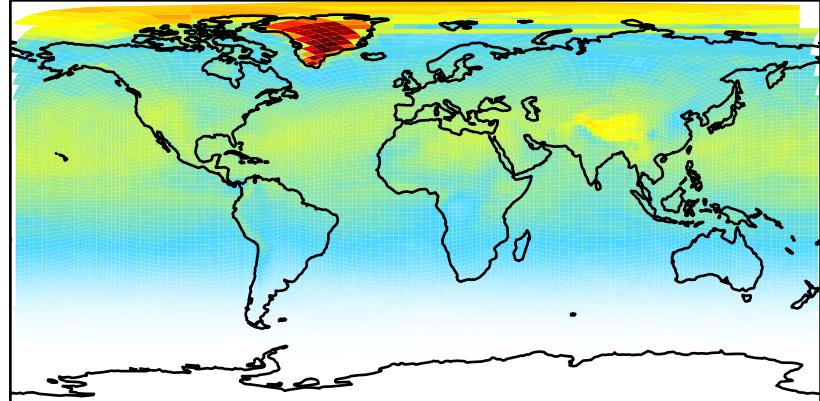
Jval_MACR1OOH

GCHP_12.7.0 (Ref)
c48



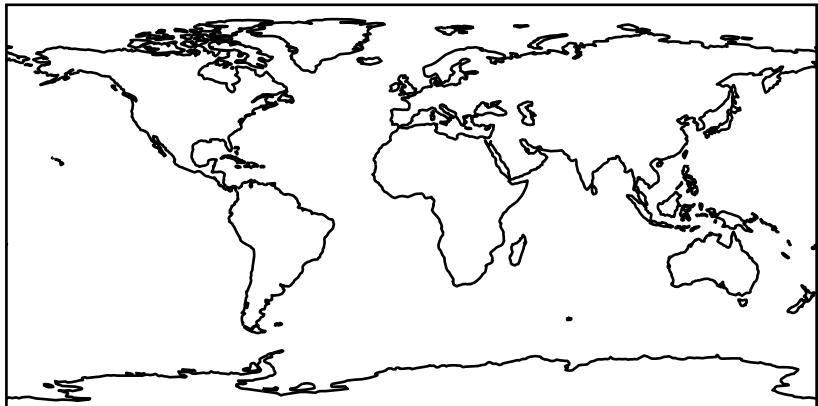
Undefined throughout domain
s-1

GCHP_12.8.0 (Dev)
c48



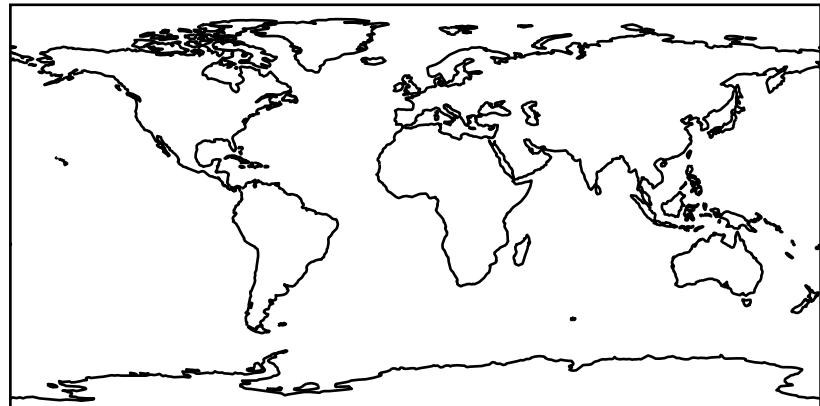
0.000000 0.000015 0.000030 0.000045
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



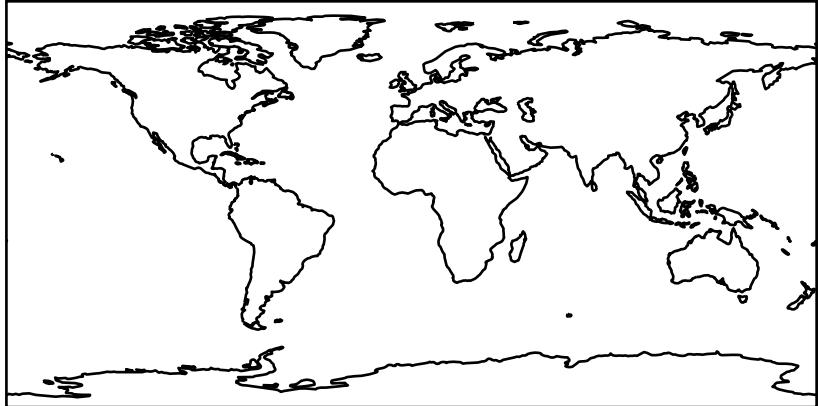
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



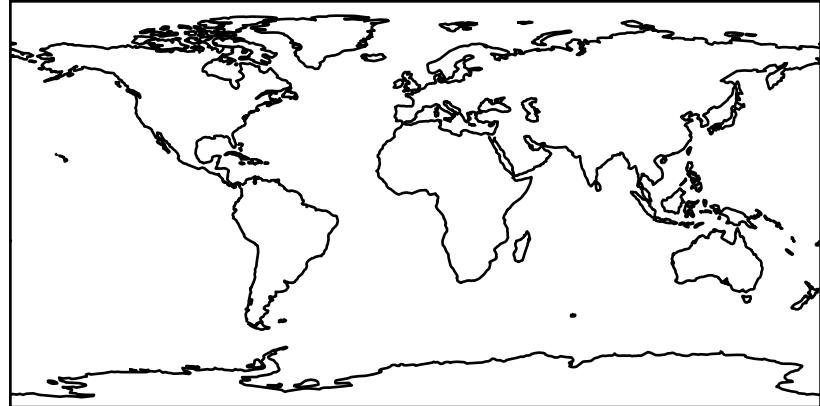
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s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

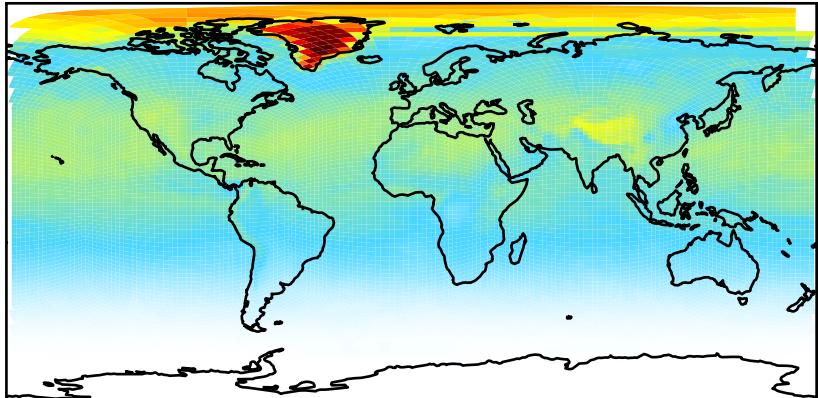
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain
unitless

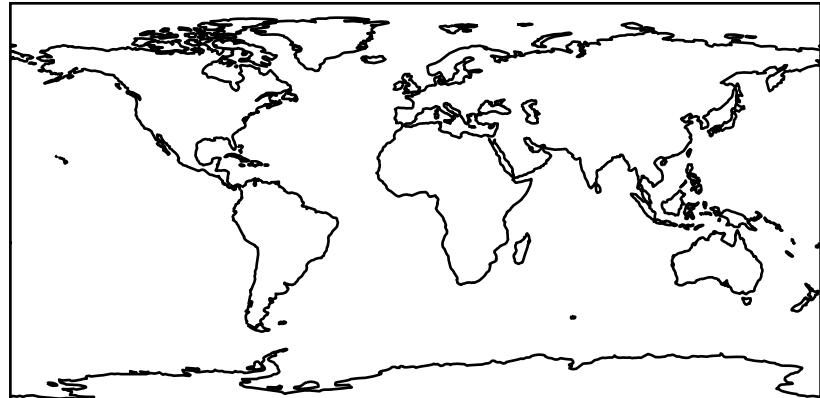
Jval_MACRN

GCHP_12.7.0 (Ref)
c48



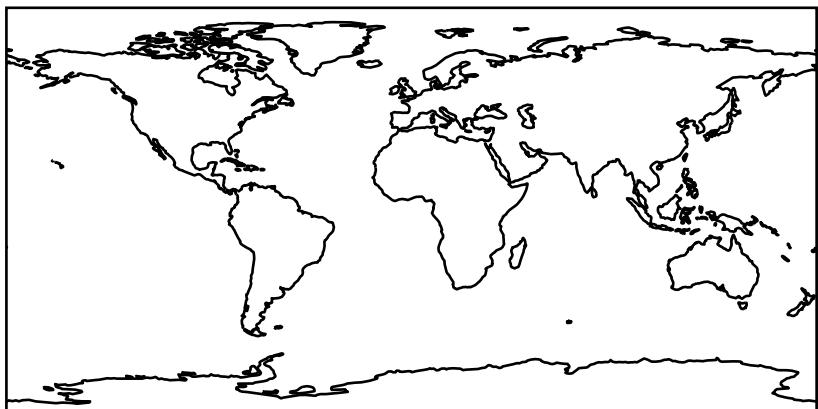
0.00000 0.00008 0.00016 0.00024
s-1

GCHP_12.8.0 (Dev)
c48



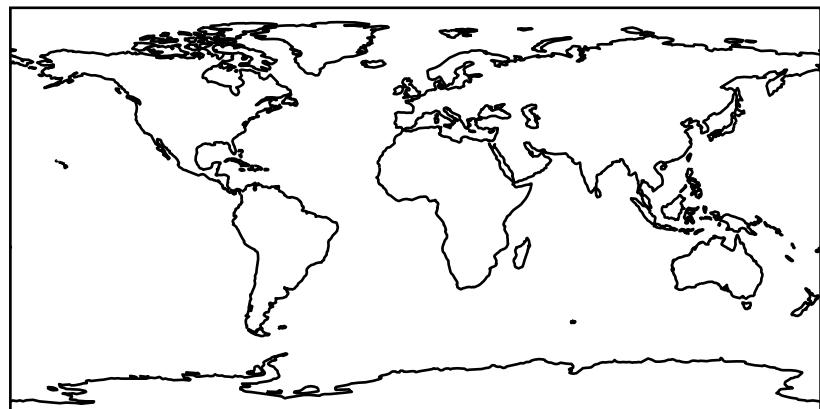
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s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



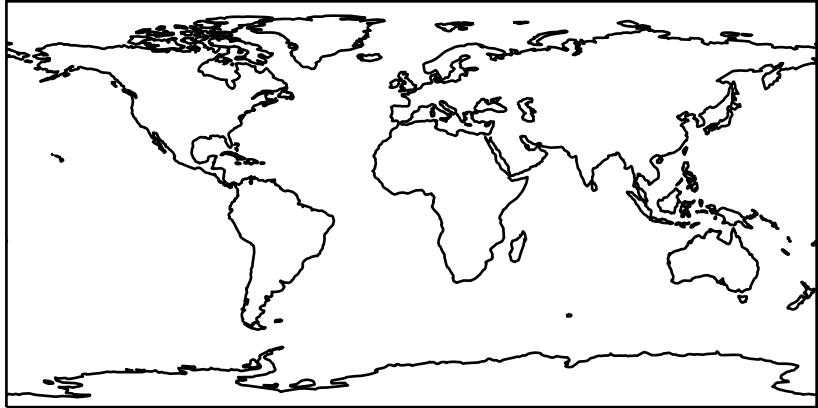
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



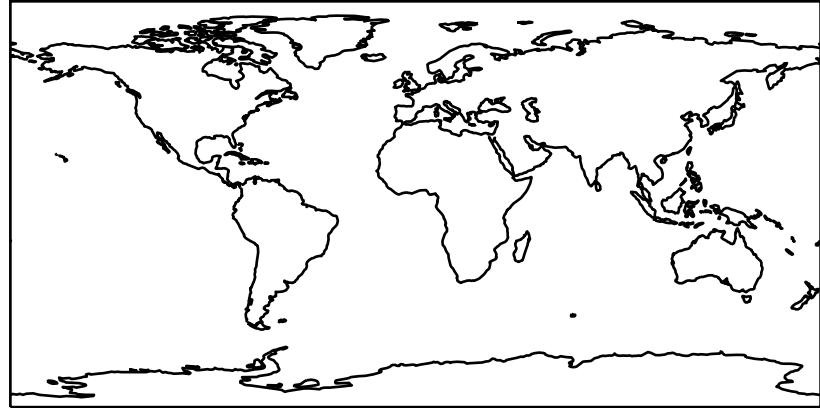
Undefined throughout domain
s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

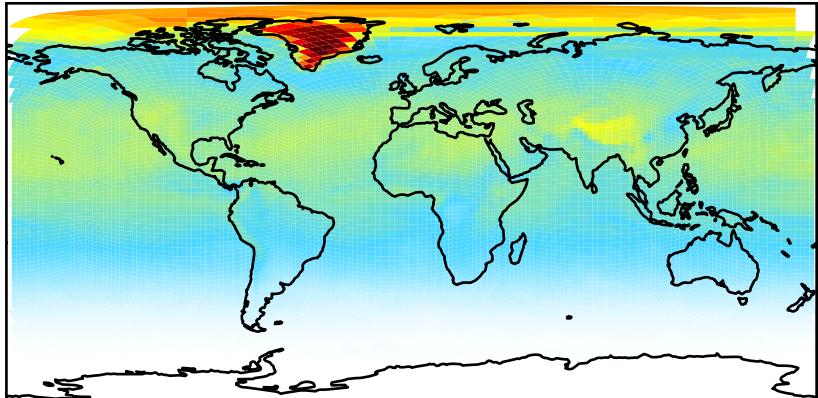
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



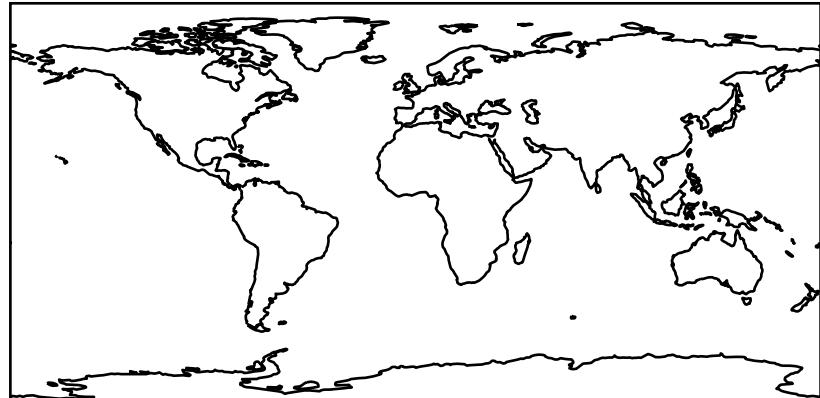
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Jval_MAOP

GCHP_12.7.0 (Ref)
c48



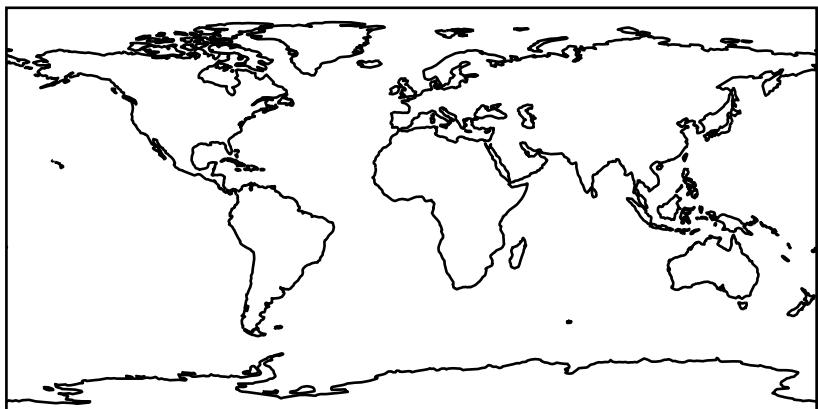
GCHP_12.8.0 (Dev)
c48



0.0000000 0.0000015 0.0000030 0.0000045
s⁻¹

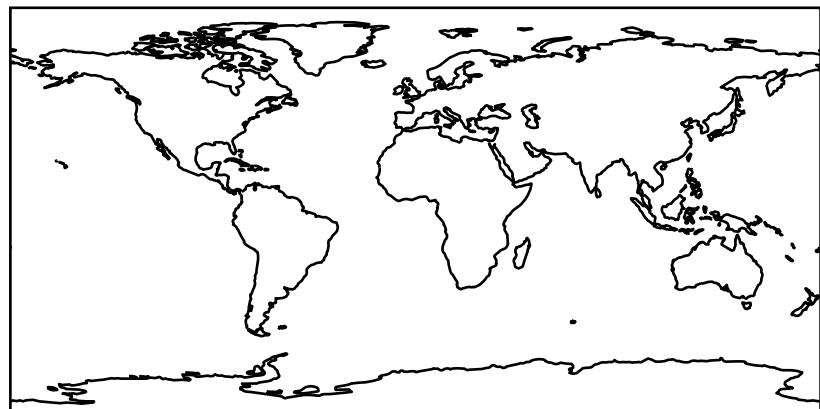
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s⁻¹

Difference (1x1.25)
Dev - Ref, Dynamic Range



Undefined throughout domain
s⁻¹

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Undefined throughout domain
s⁻¹

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

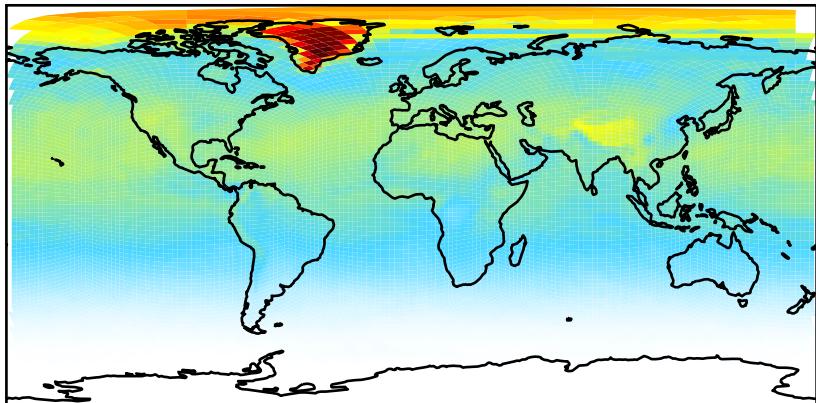
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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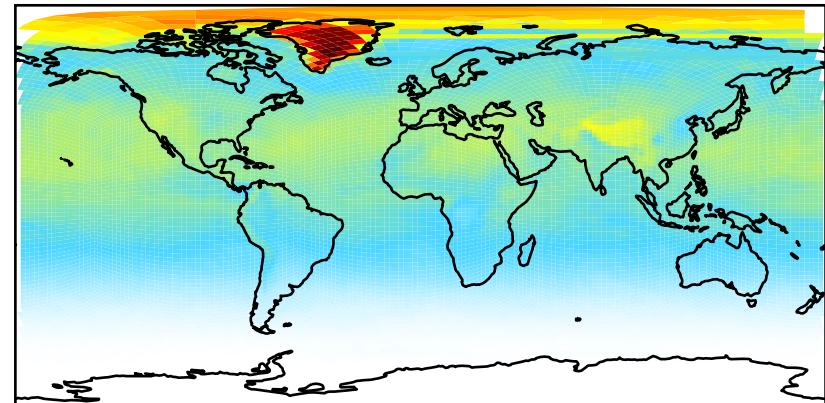
Jval_MAP

GCHP_12.7.0 (Ref)
c48



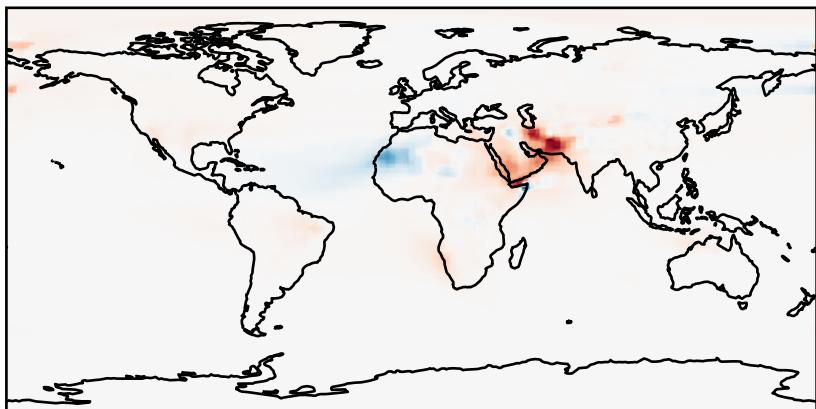
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s⁻¹

GCHP_12.8.0 (Dev)
c48



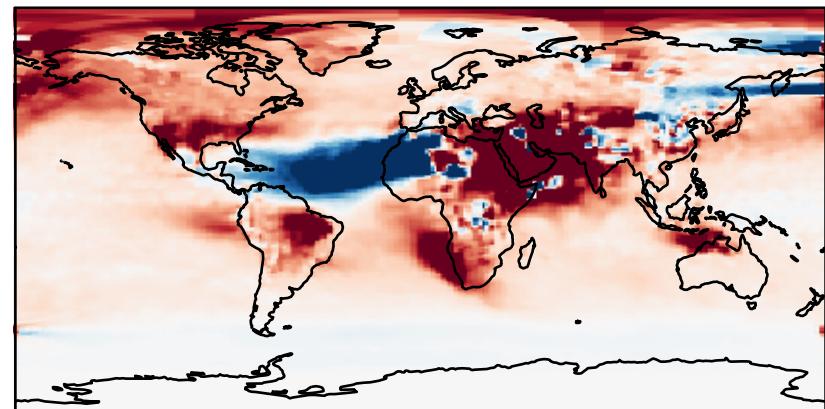
0.0000000 0.0000015 0.0000030 0.0000045
s⁻¹

Difference (1x1.25)
Dev - Ref, Dynamic Range



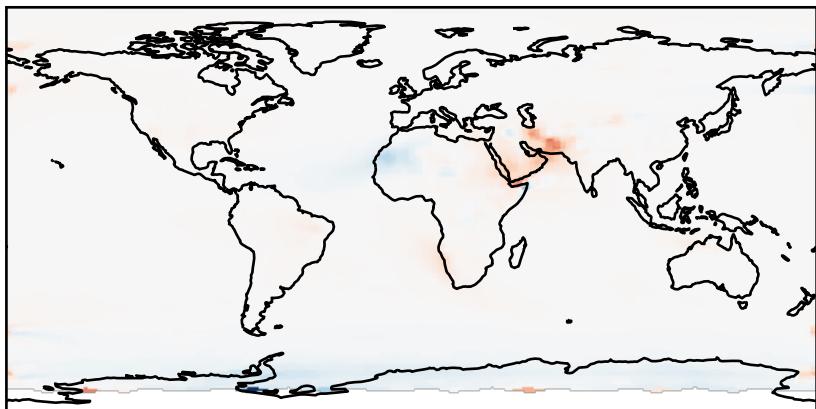
-1.5 0.0 1.5 1e-7
s⁻¹

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



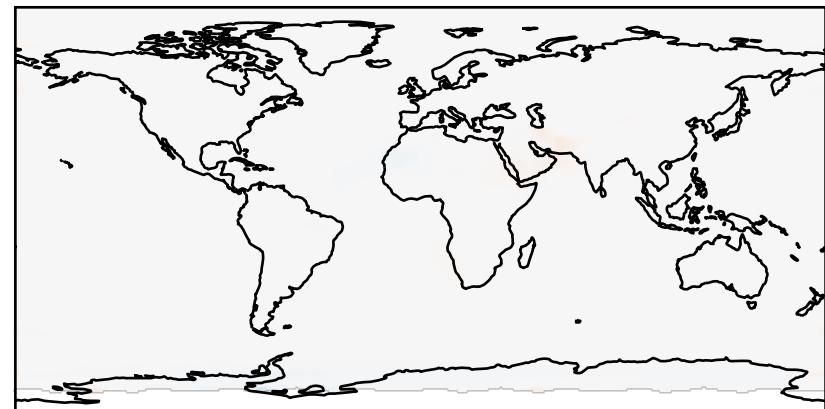
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s⁻¹

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



-0.3 -0.2 -0.1 0.0 0.1 0.2 0.3
unitless

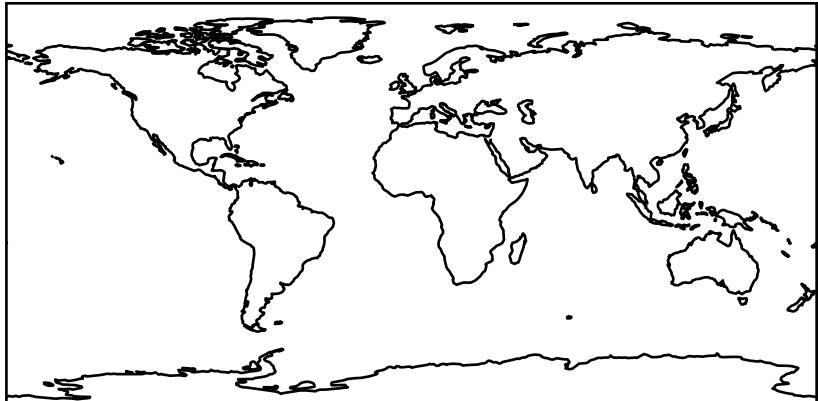
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

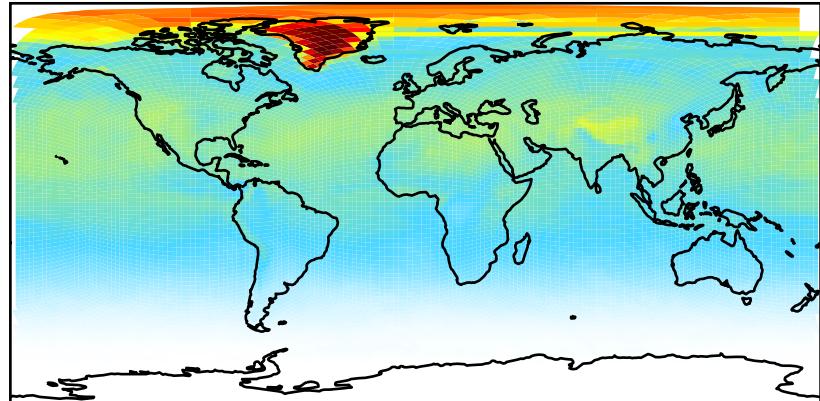
Jval_MCRENOL

GCHP_12.7.0 (Ref)
c48



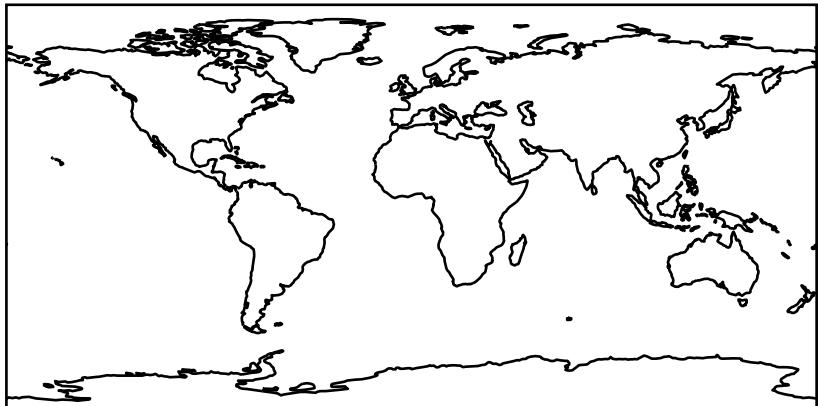
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s-1

GCHP_12.8.0 (Dev)
c48



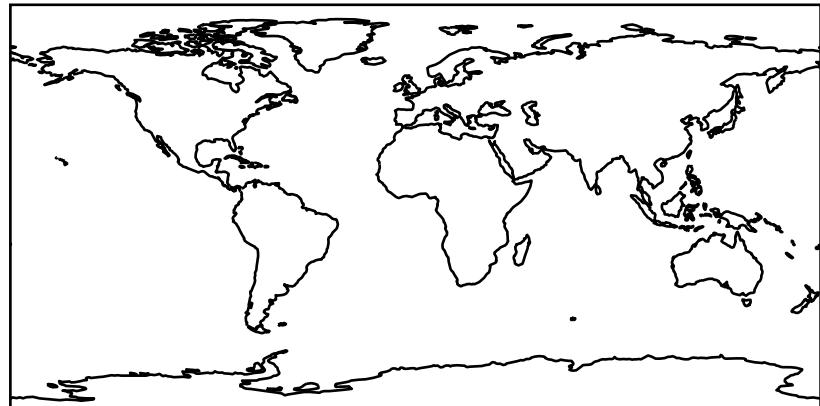
0.00000 0.00008 0.00016 0.00024
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



Undefined throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Undefined throughout domain
s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain
unitless

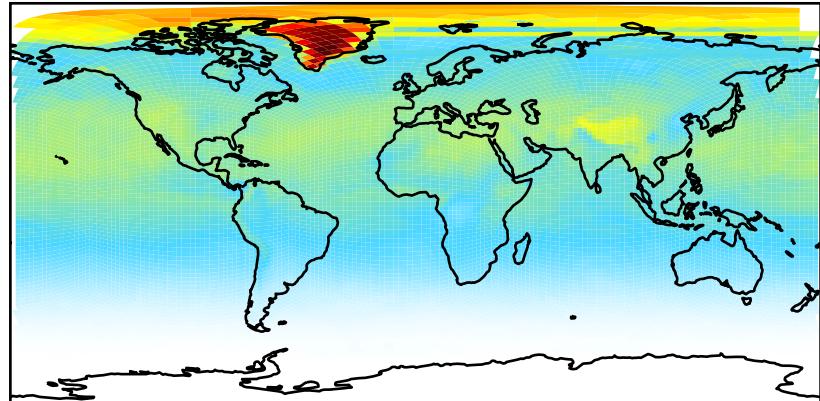
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GCHP_12.7.0 (Ref)
c48



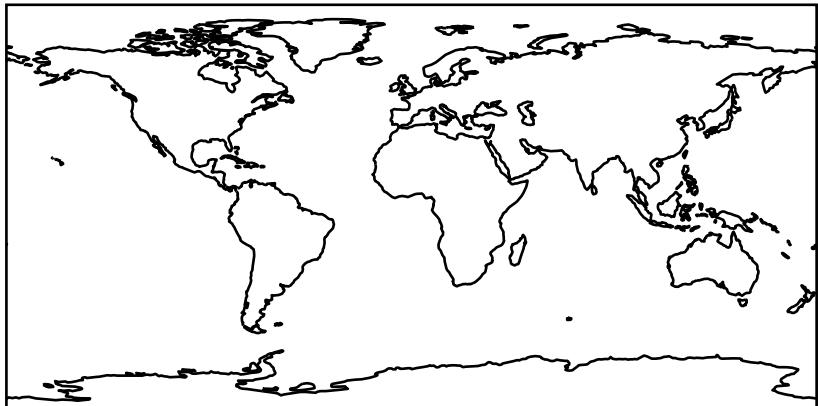
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s-1

GCHP_12.8.0 (Dev)
c48



0.00000 0.00008 0.00016 0.00024
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



Undefined throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Undefined throughout domain
s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

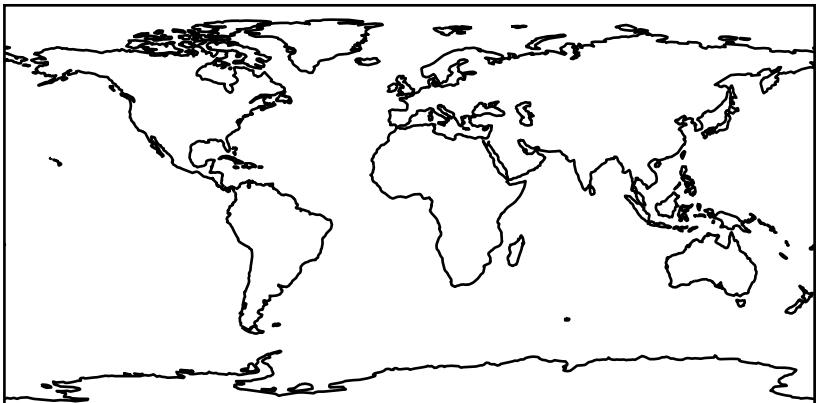
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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unitless

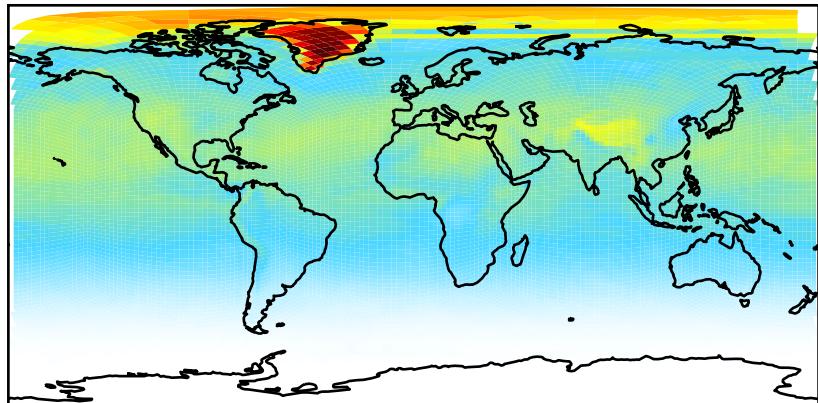
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GCHP_12.7.0 (Ref)
c48



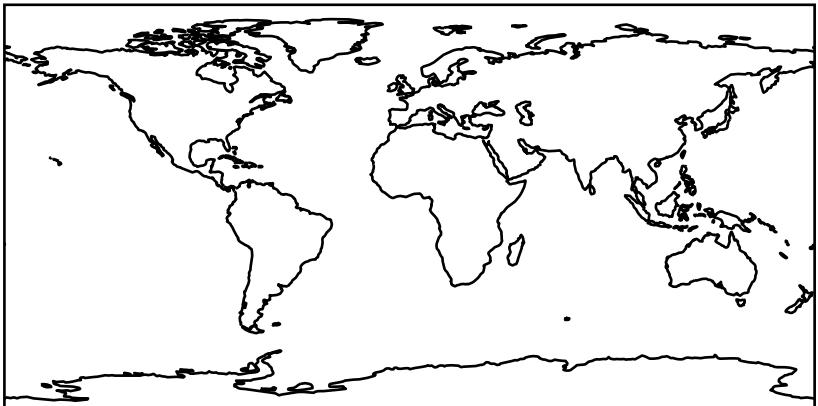
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s-1

GCHP_12.8.0 (Dev)
c48



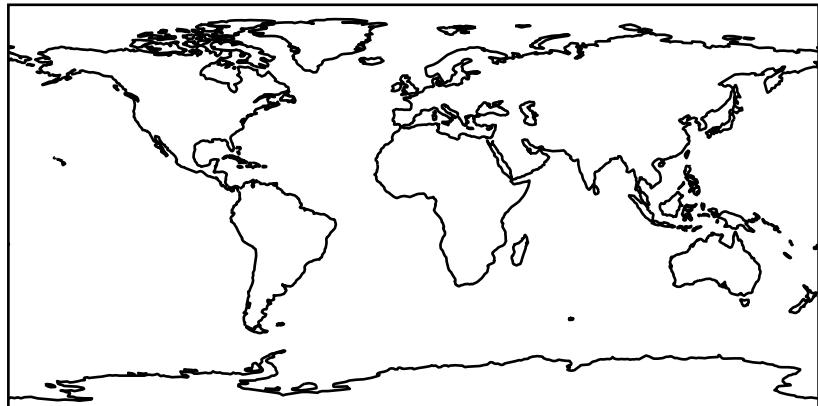
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s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



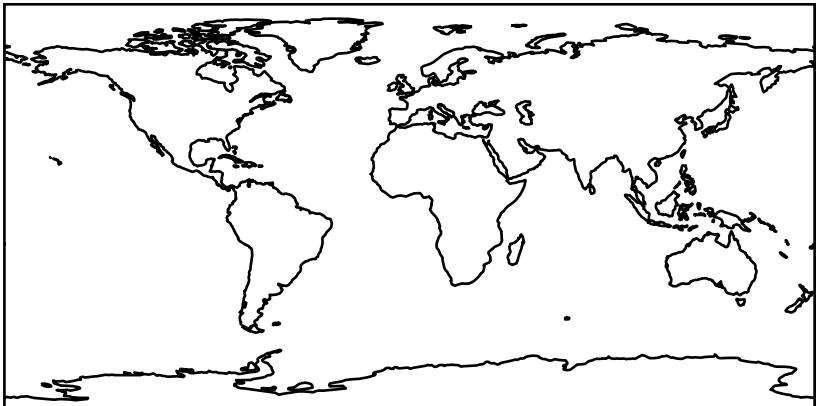
Undefined throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



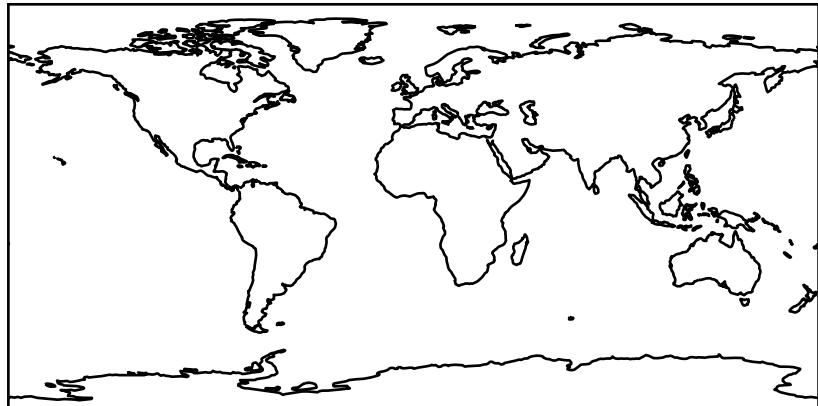
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s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

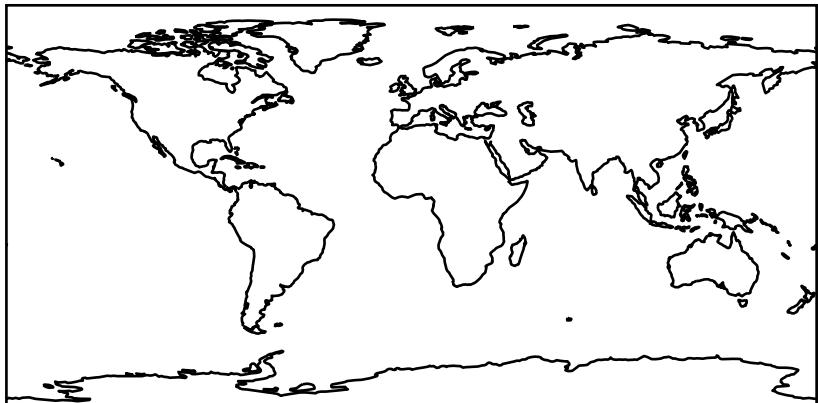
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain
unitless

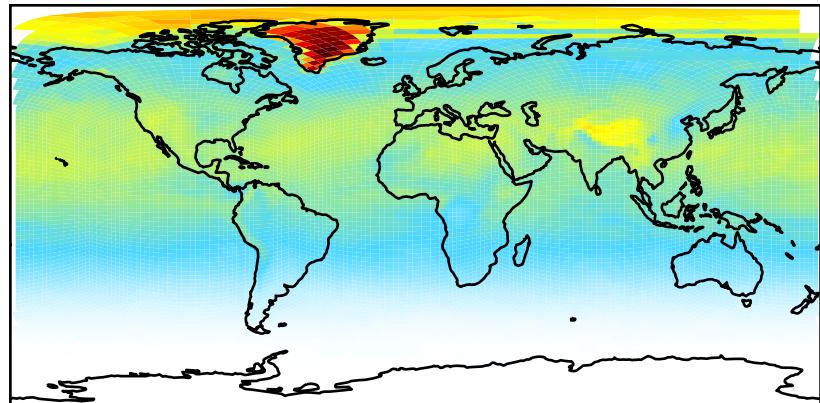
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GCHP_12.7.0 (Ref)
c48



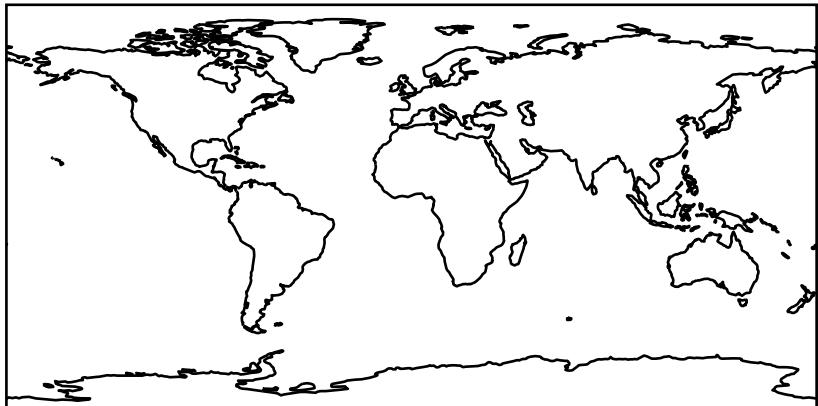
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s-1

GCHP_12.8.0 (Dev)
c48



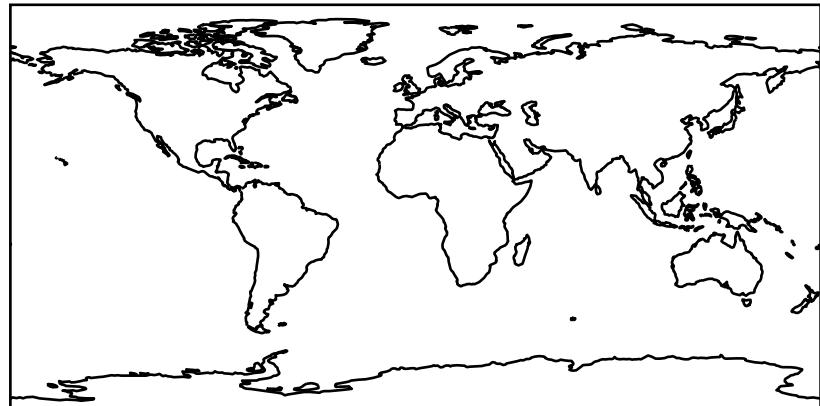
0.000000 0.000015 0.000030 0.000045
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



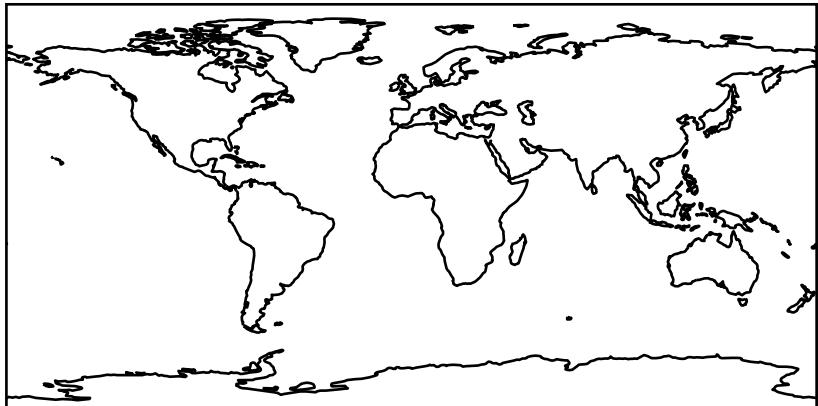
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



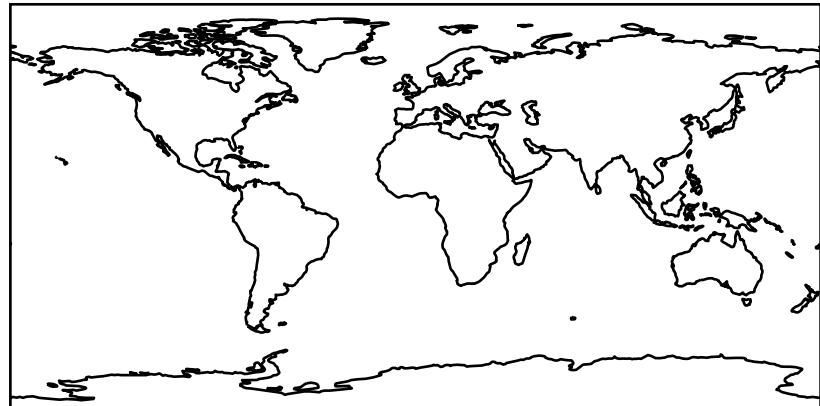
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s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

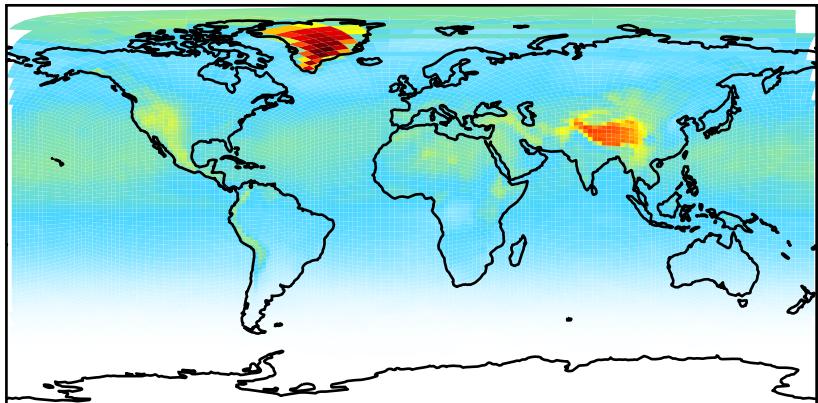
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



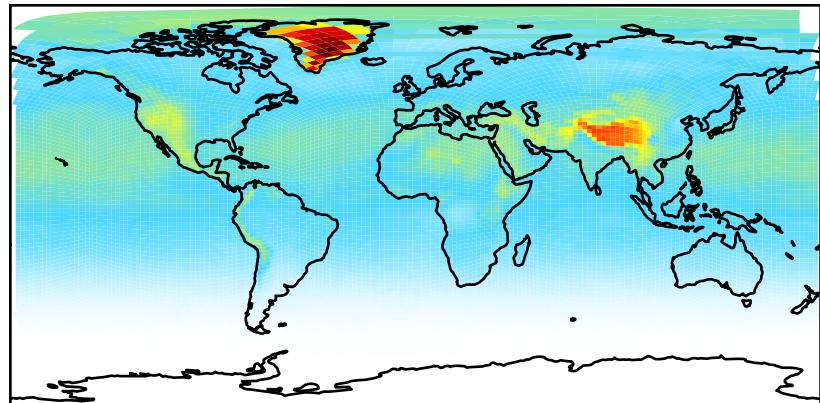
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Jval_MEK

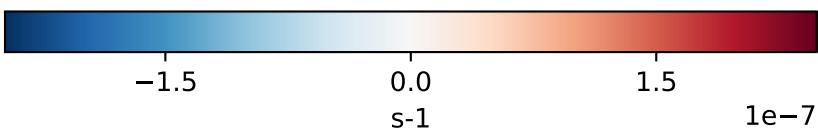
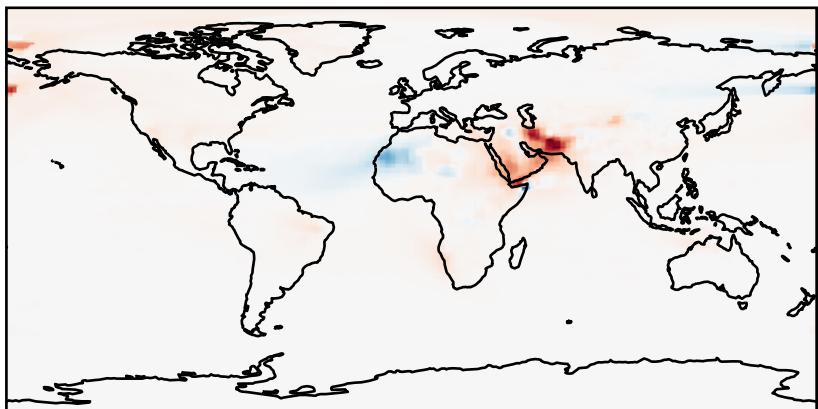
GCHP_12.7.0 (Ref)
c48



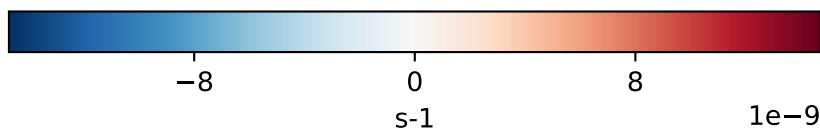
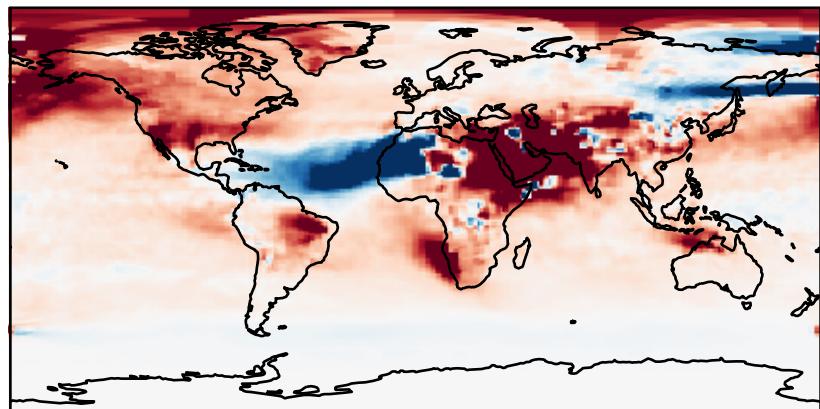
GCHP_12.8.0 (Dev)
c48



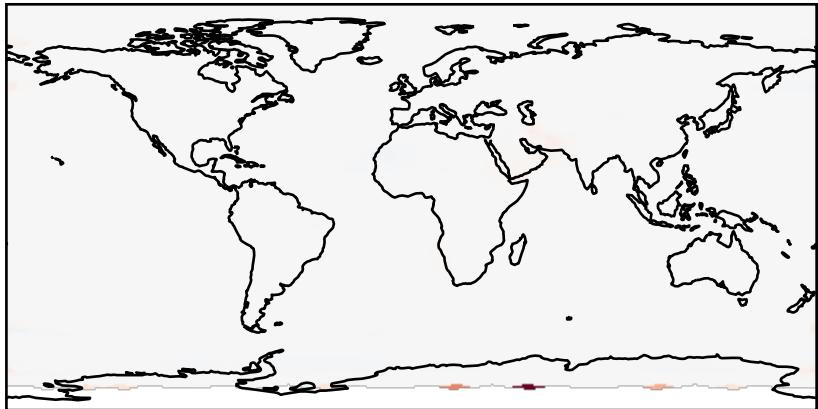
Difference (1x1.25)
Dev - Ref, Dynamic Range



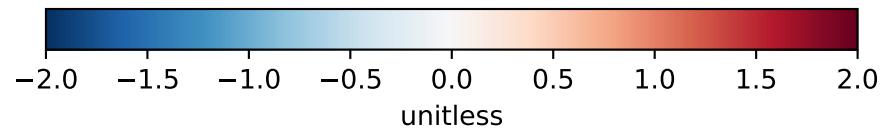
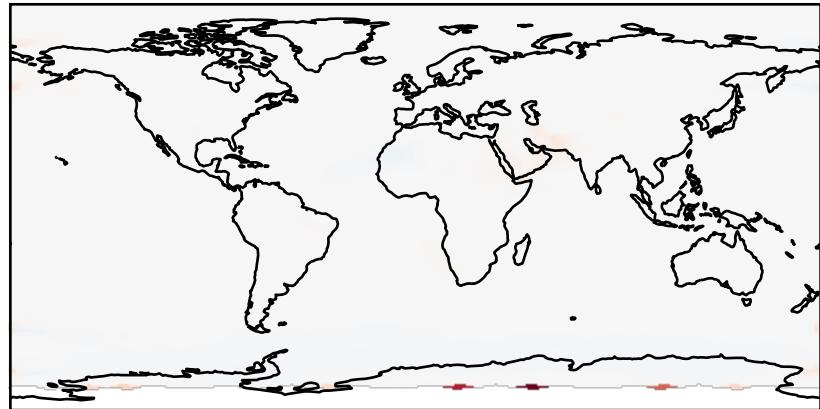
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

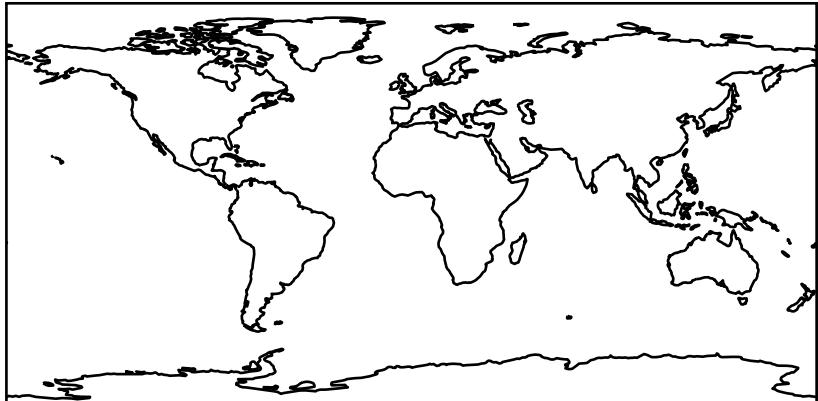


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



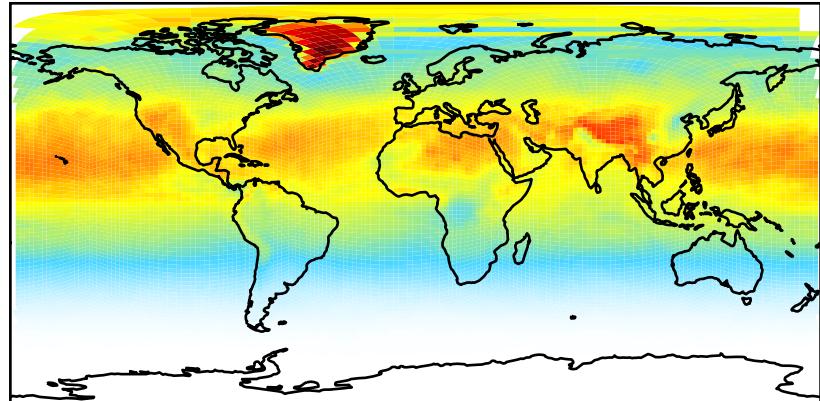
Jval_MENO3

GCHP_12.7.0 (Ref)
c48



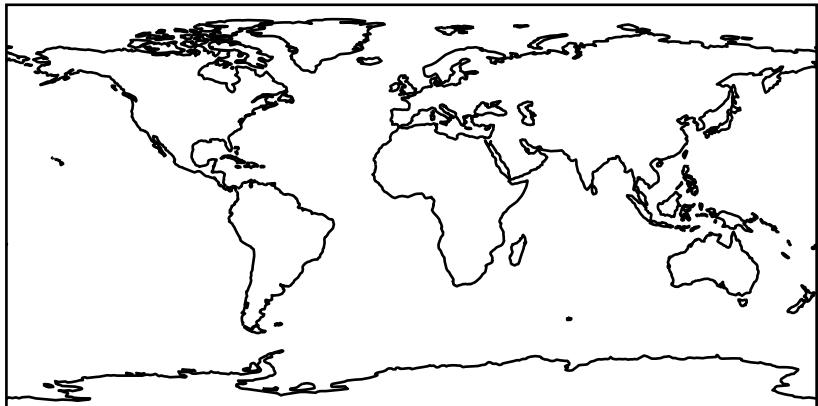
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s-1

GCHP_12.8.0 (Dev)
c48



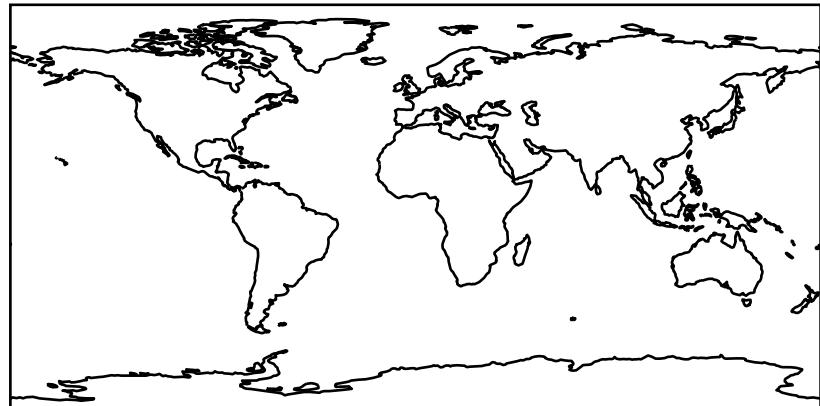
0.0 1.5 3.0 4.5
s-1 1e-7

Difference (1x1.25)
Dev - Ref, Dynamic Range



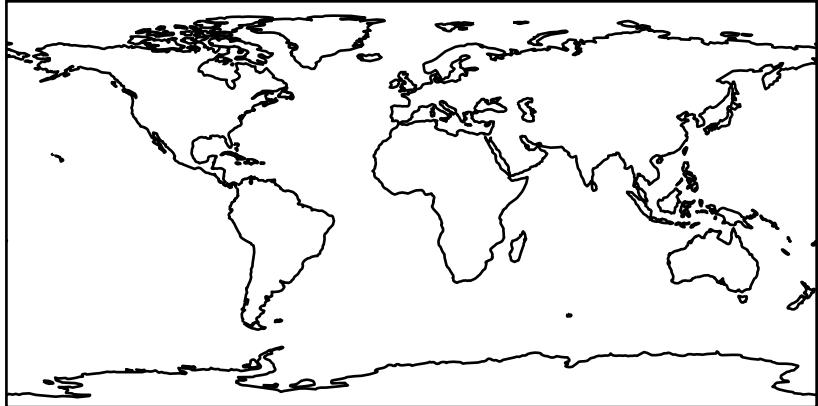
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



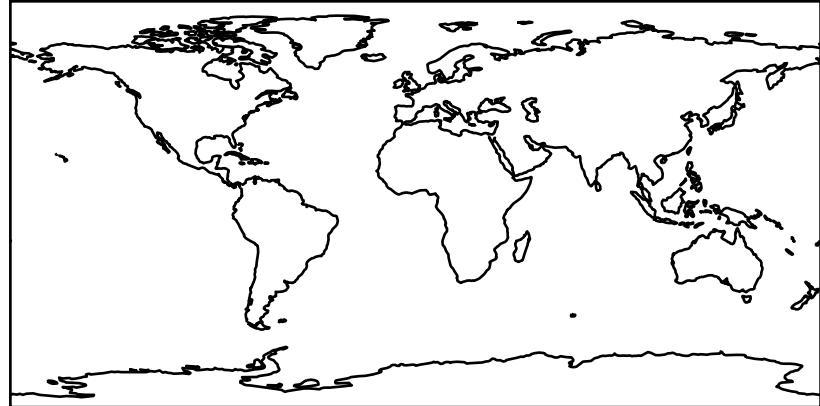
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s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

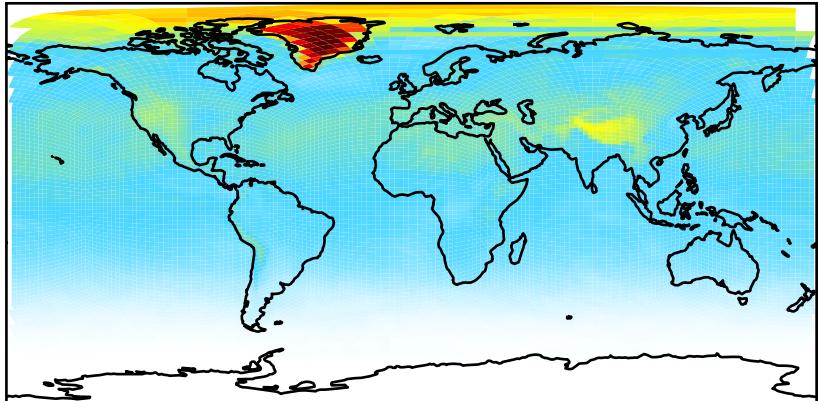
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



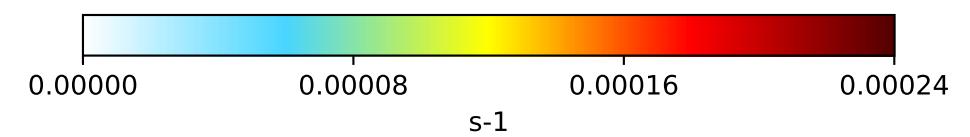
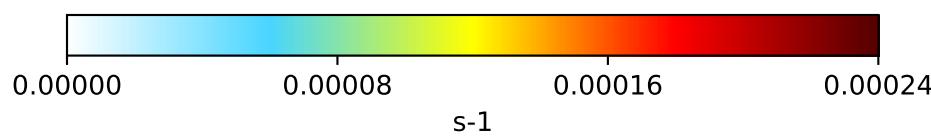
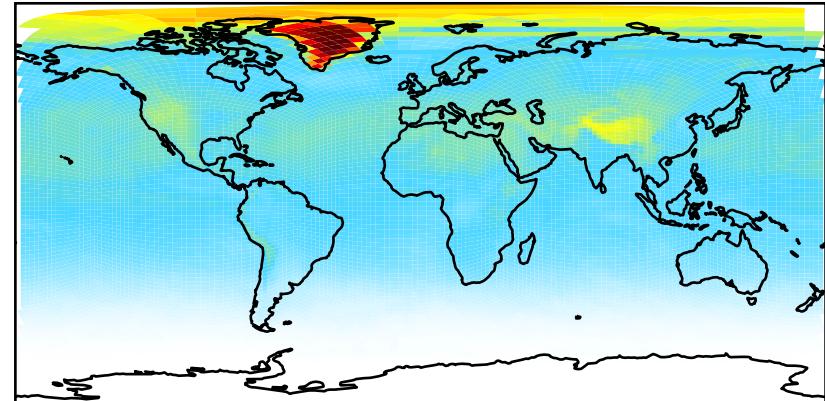
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Jval_MGLY

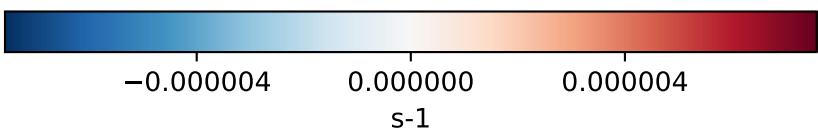
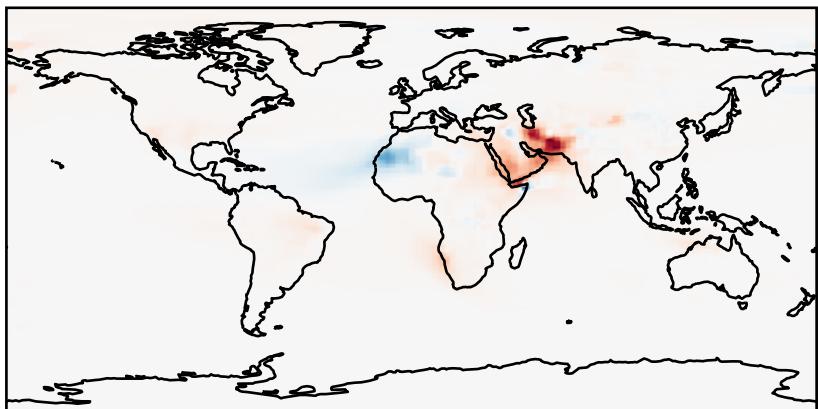
GCHP_12.7.0 (Ref)
c48



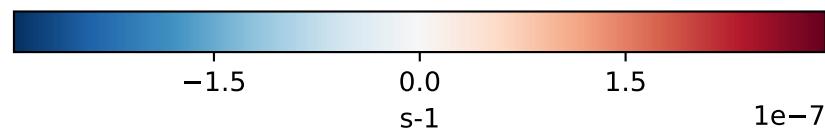
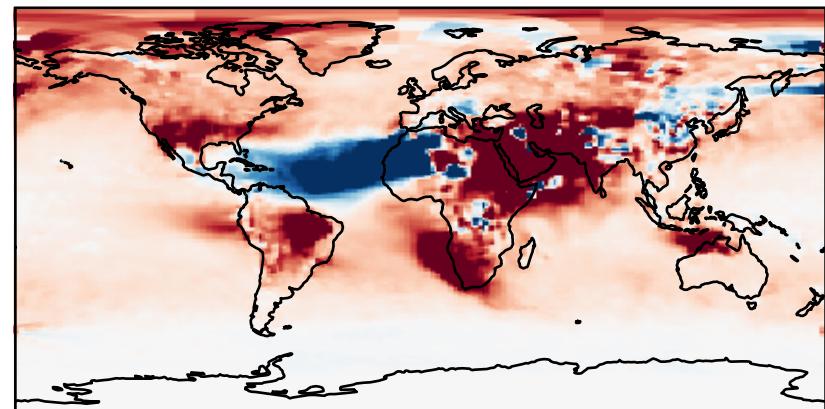
GCHP_12.8.0 (Dev)
c48



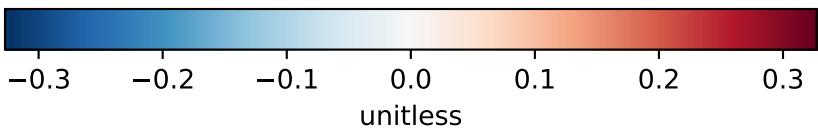
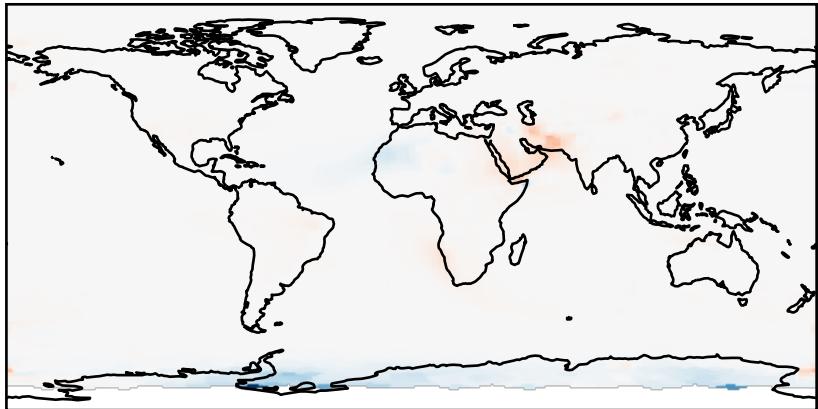
Difference (1x1.25)
Dev - Ref, Dynamic Range



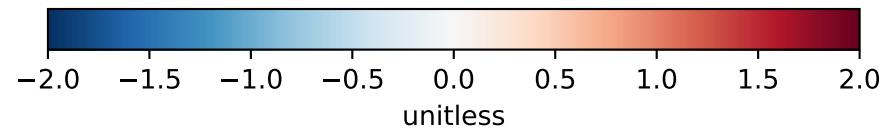
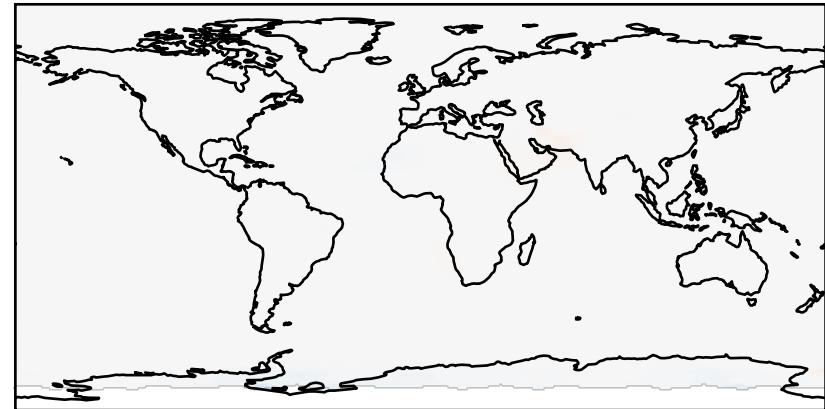
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



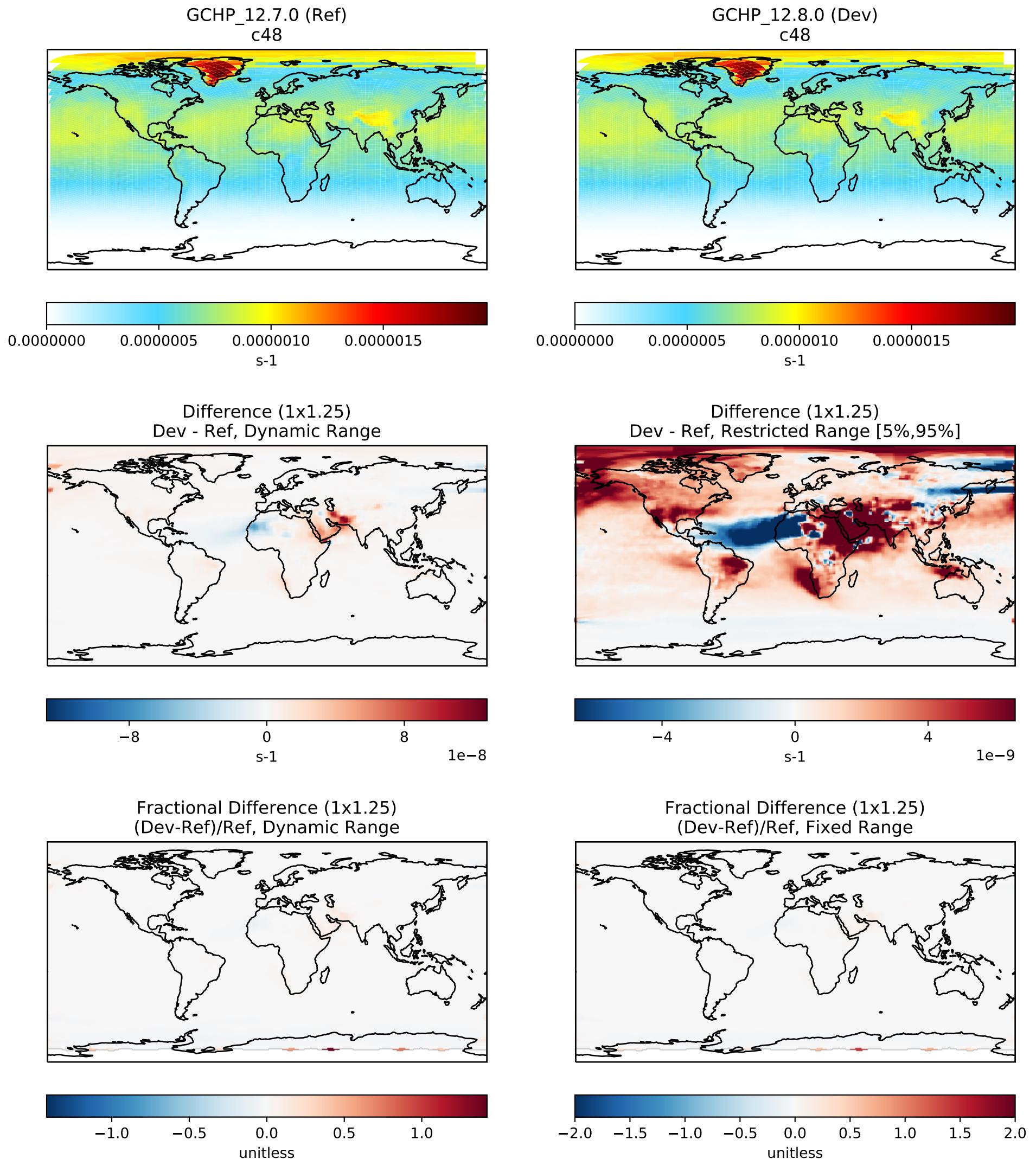
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



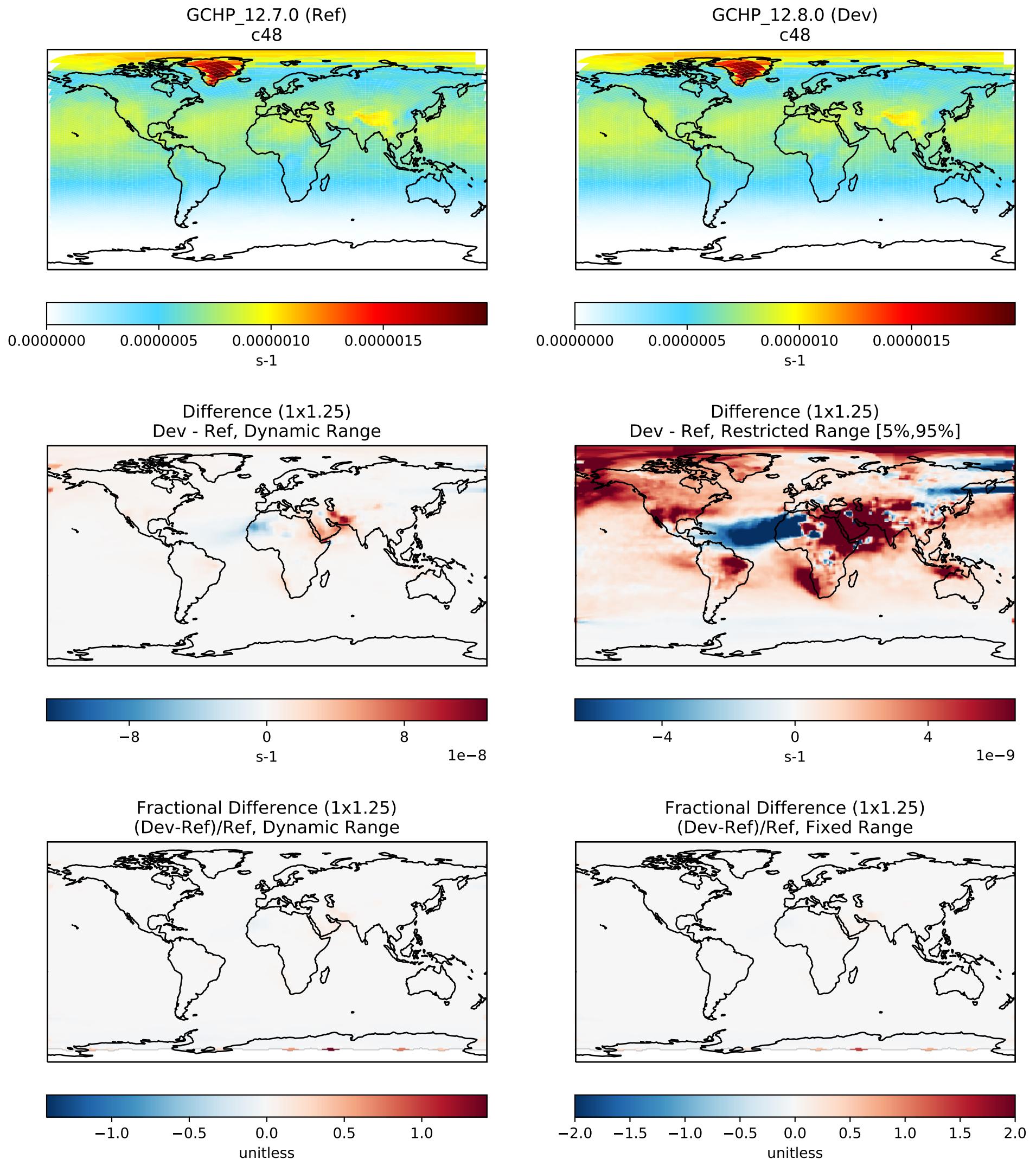
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Jval_MONITS

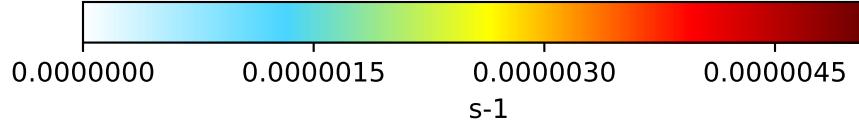
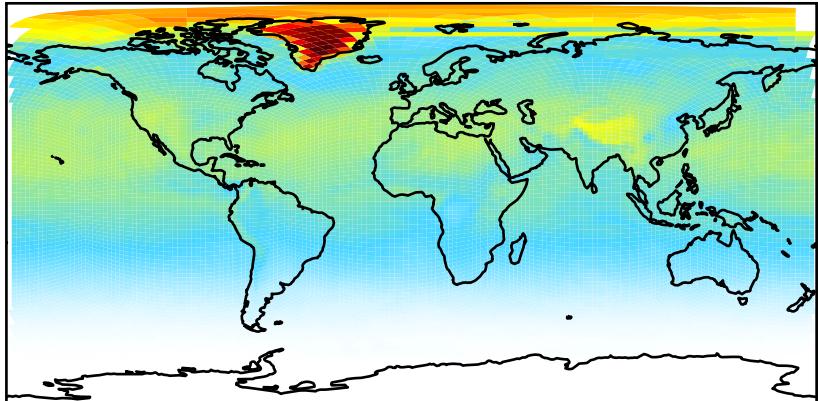


Jval_MONITU

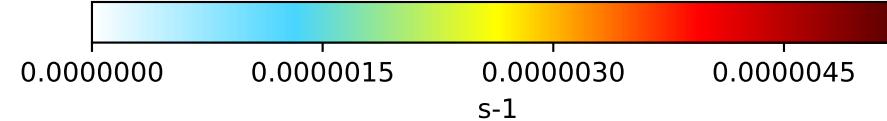
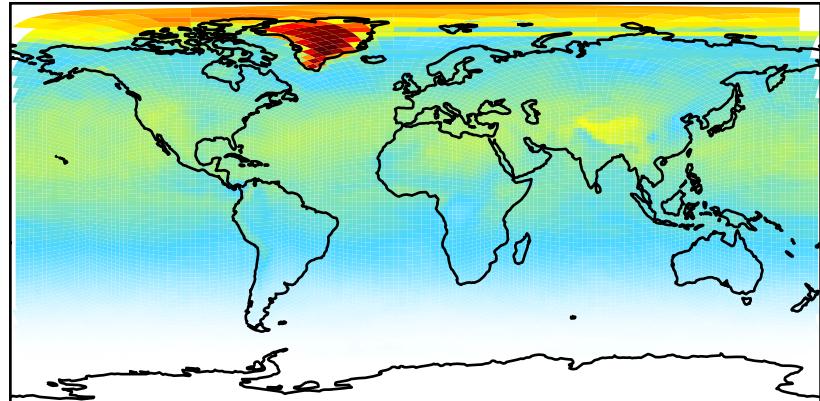


Jval_MP

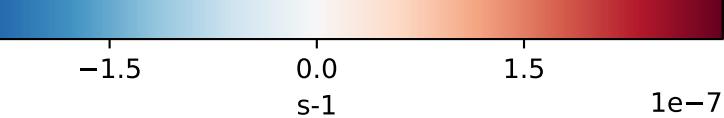
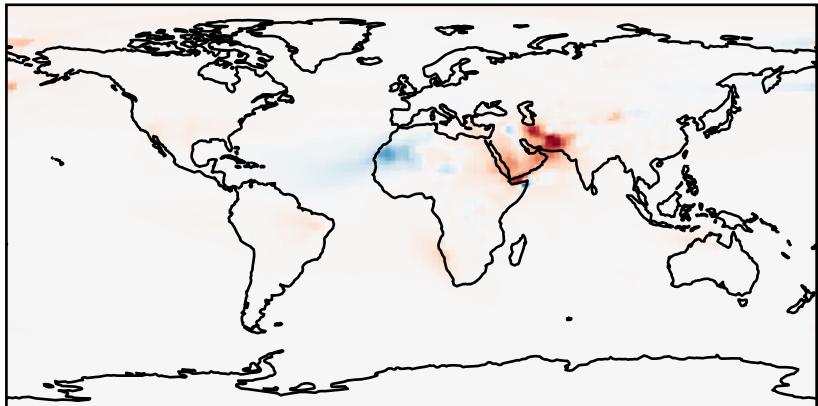
GCHP_12.7.0 (Ref)
c48



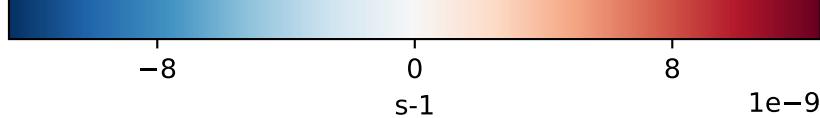
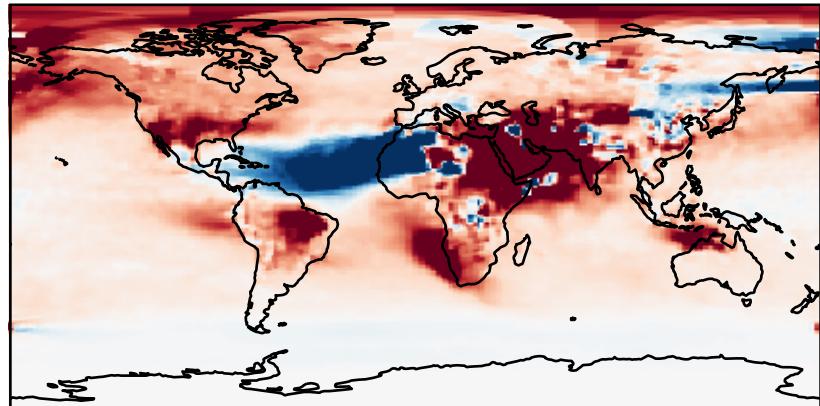
GCHP_12.8.0 (Dev)
c48



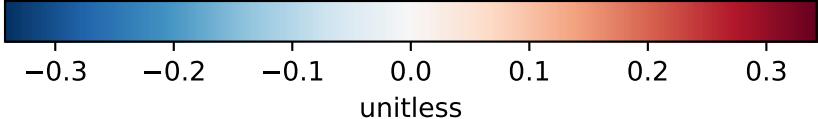
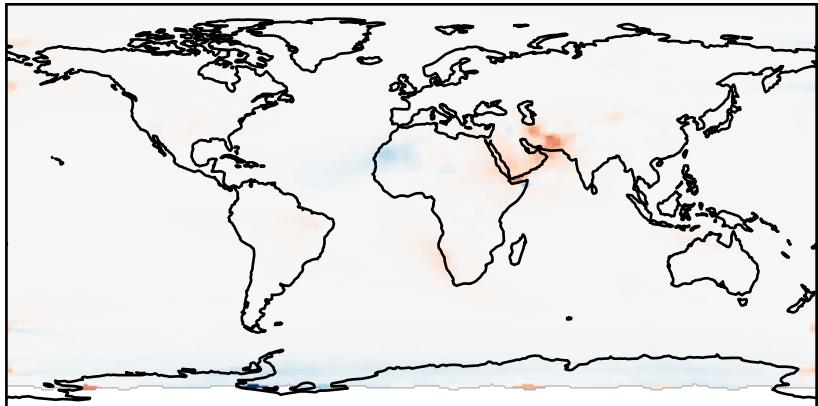
Difference (1x1.25)
Dev - Ref, Dynamic Range



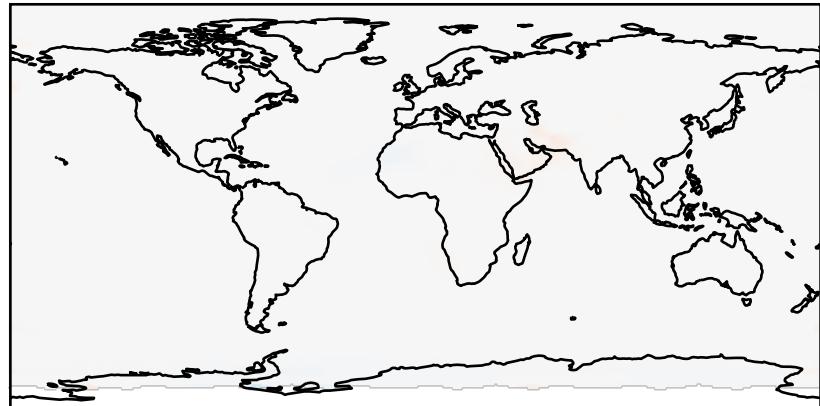
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Jval_MPAN

GCHP_12.7.0 (Ref)
c48



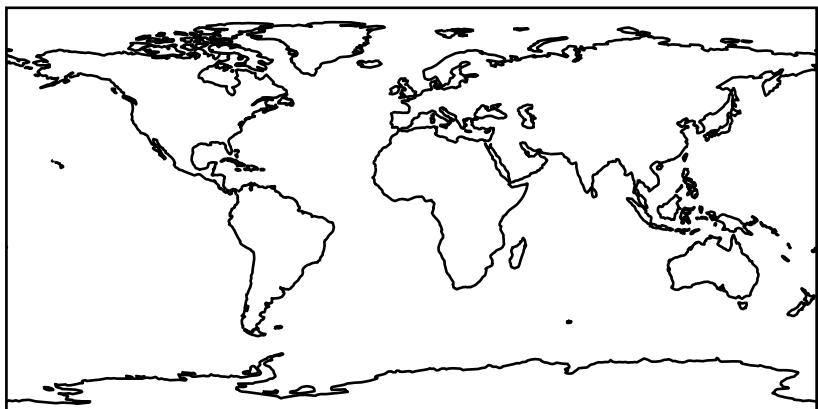
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GCHP_12.8.0 (Dev)
c48



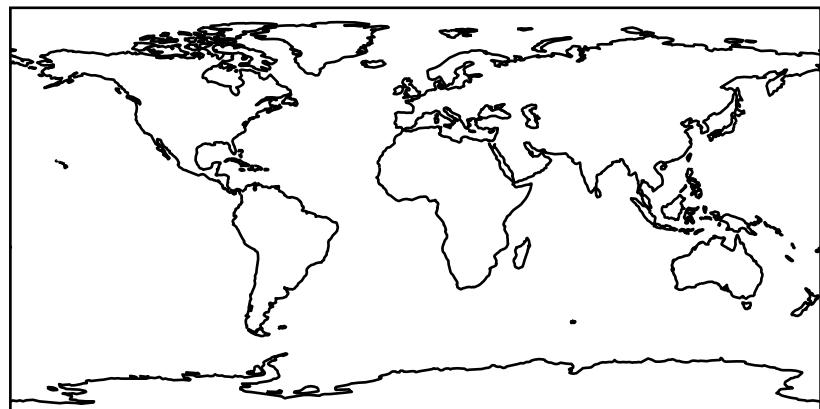
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s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



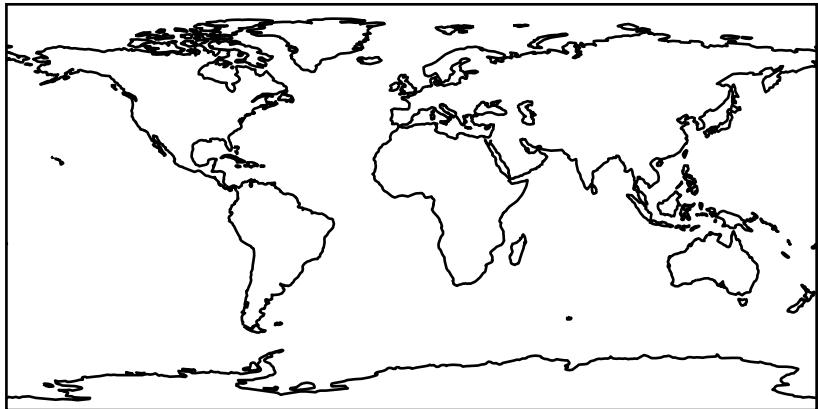
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Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



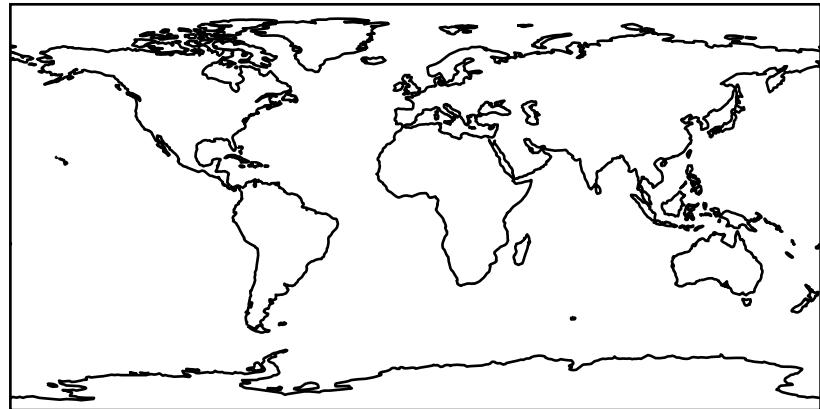
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

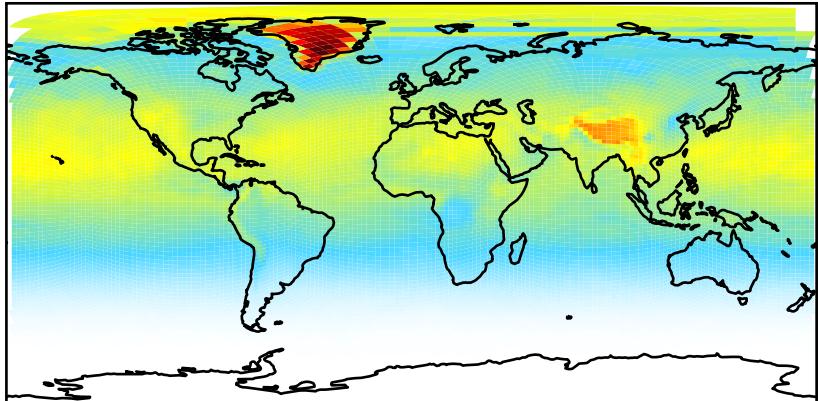
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



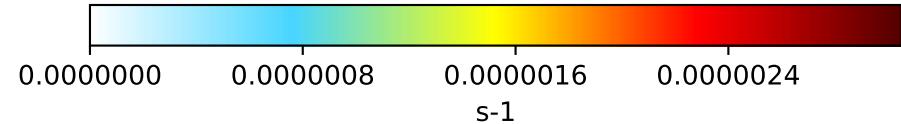
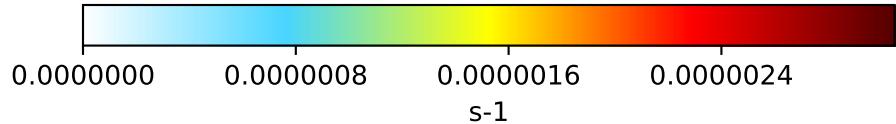
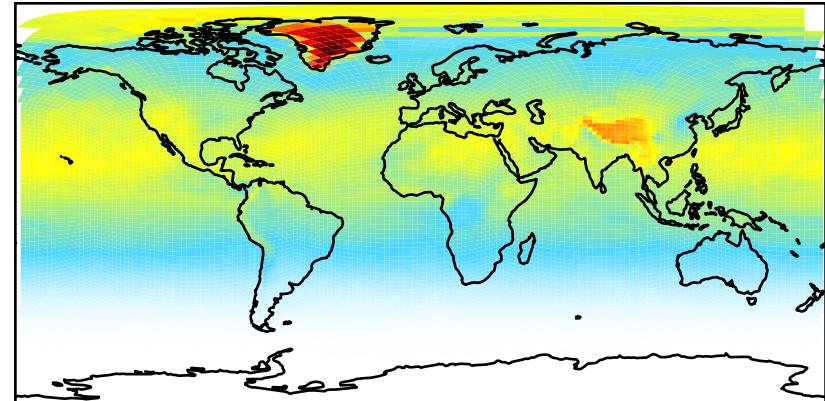
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Jval_MPNN

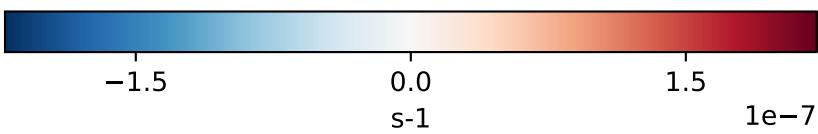
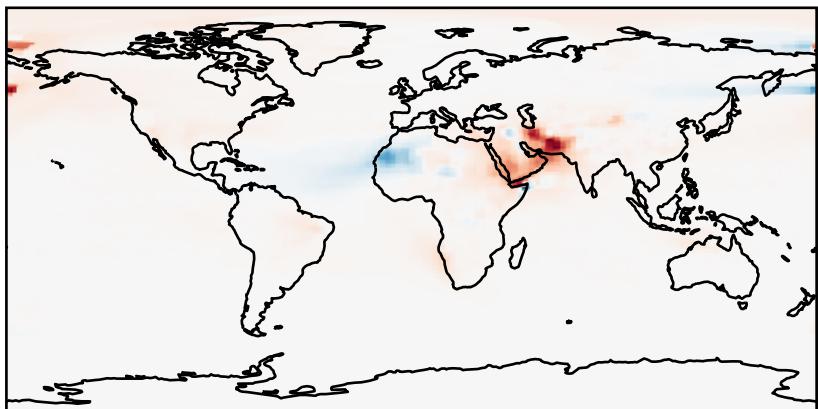
GCHP_12.7.0 (Ref)
c48



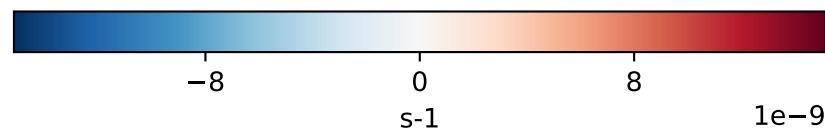
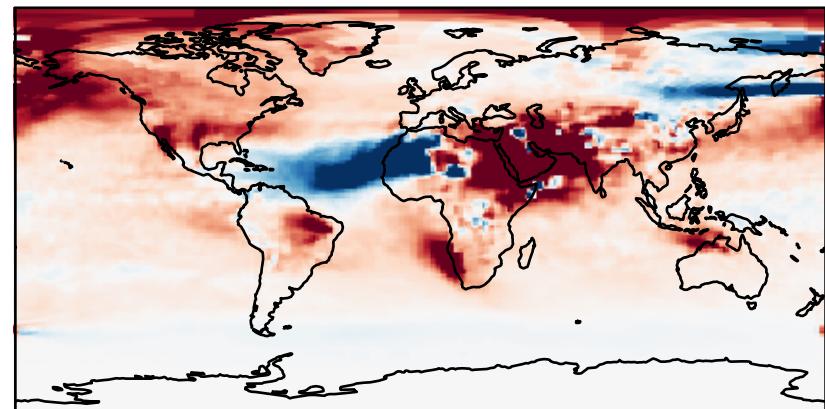
GCHP_12.8.0 (Dev)
c48



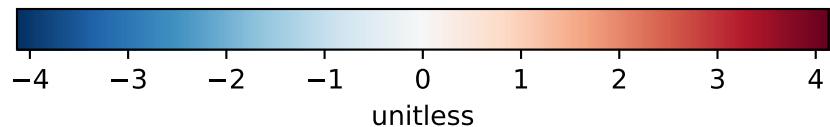
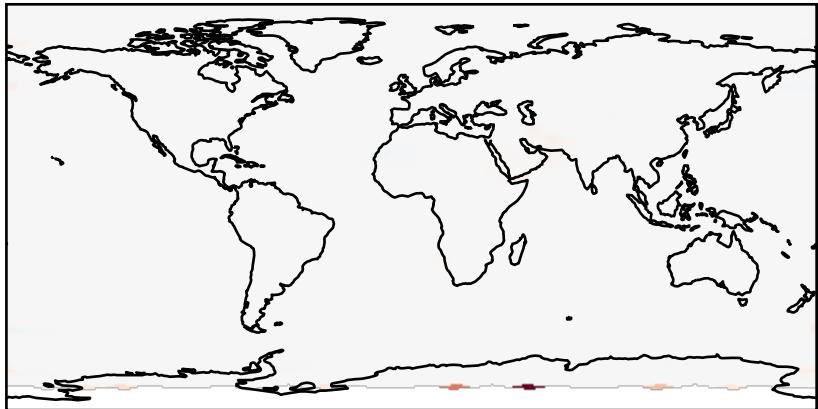
Difference (1x1.25)
Dev - Ref, Dynamic Range



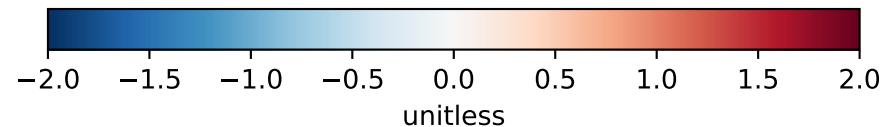
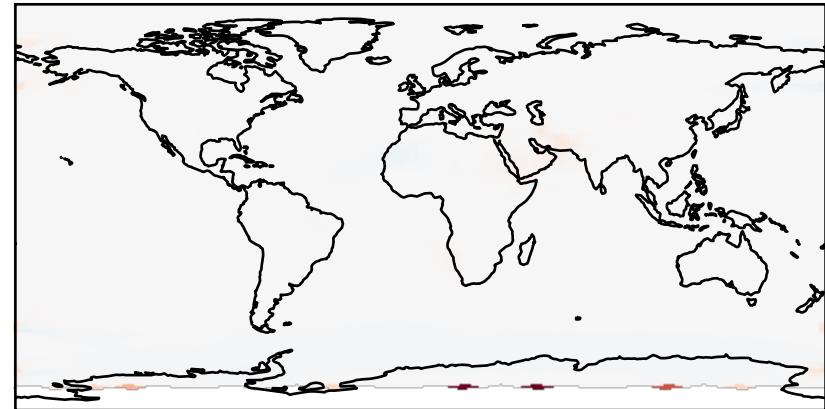
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

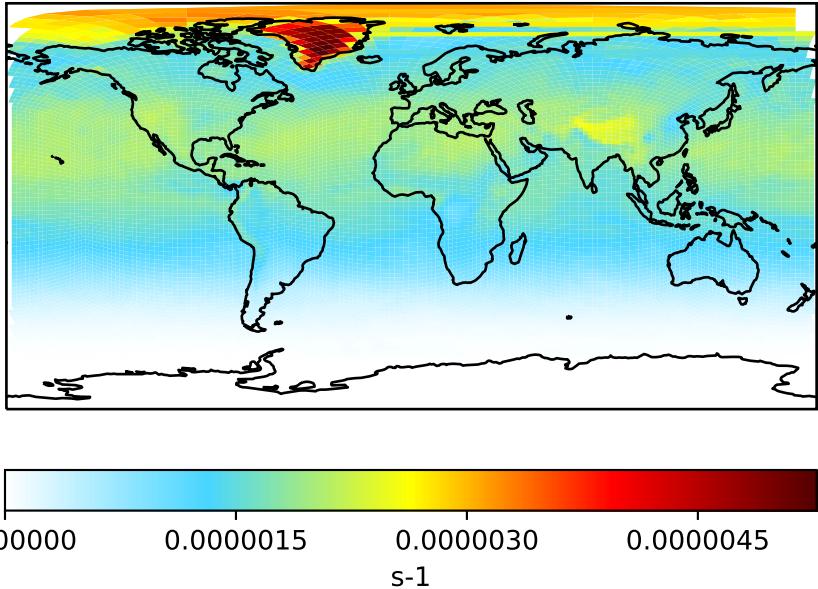


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

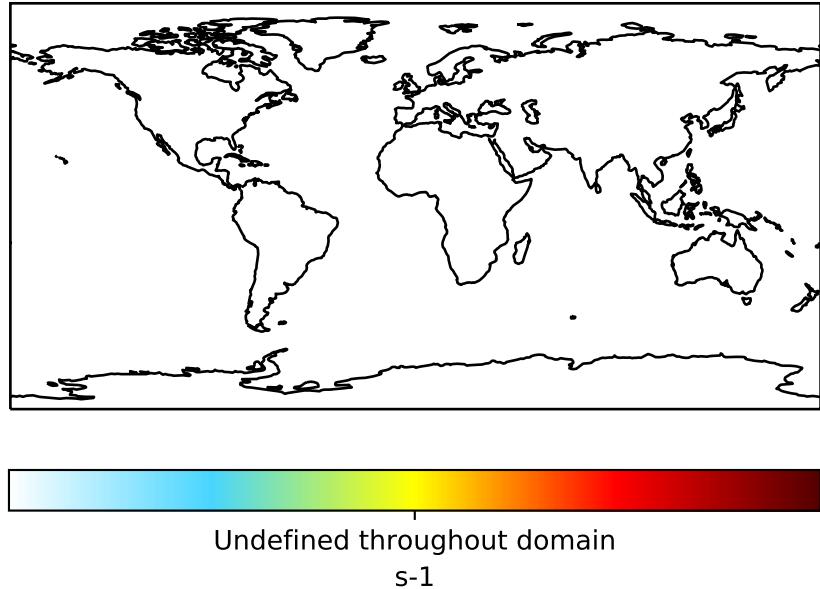


Jval_MRP

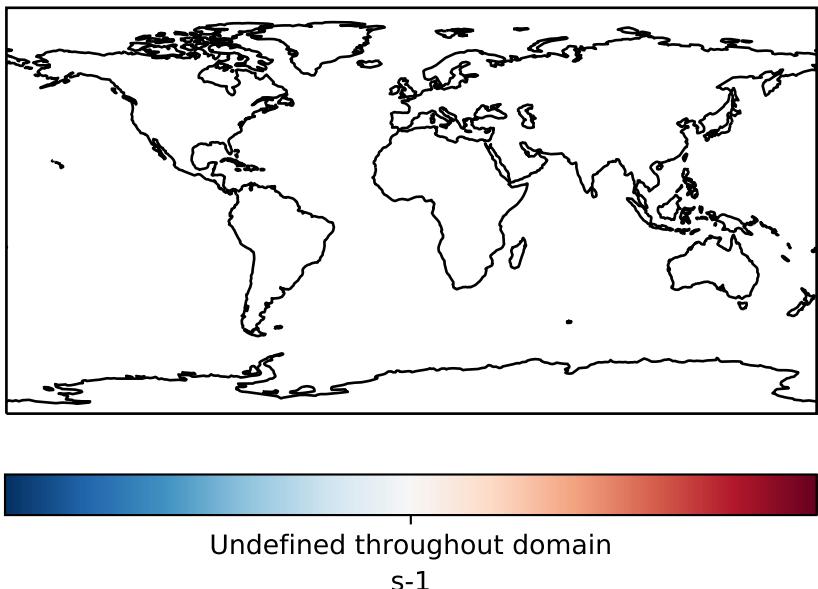
GCHP_12.7.0 (Ref)
c48



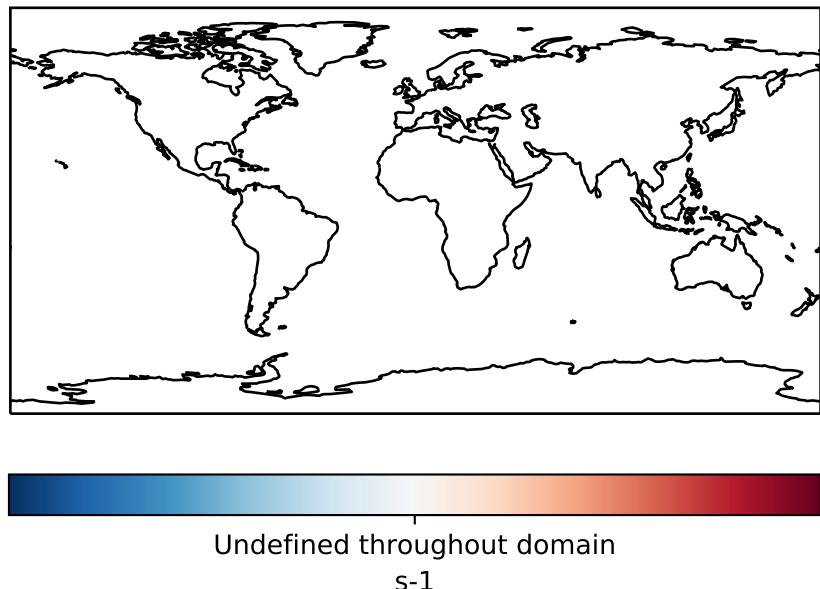
GCHP_12.8.0 (Dev)
c48



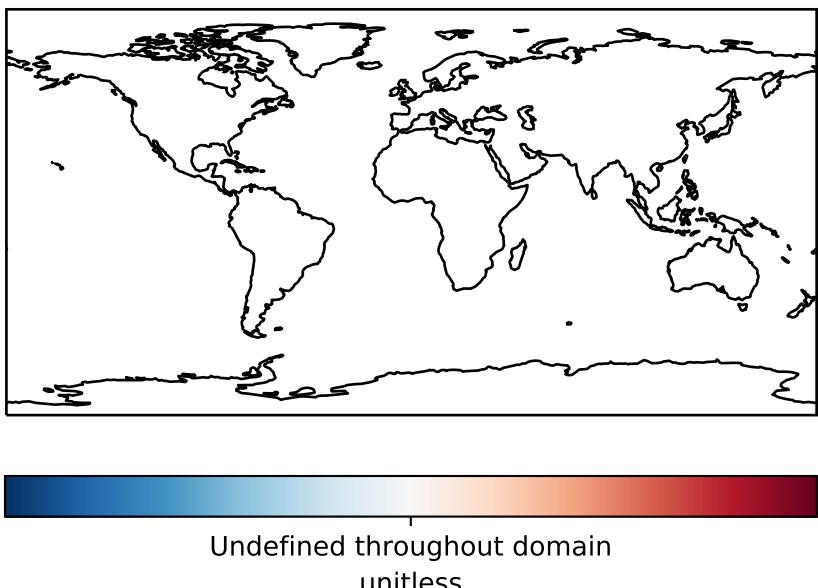
Difference (1x1.25)
Dev - Ref, Dynamic Range



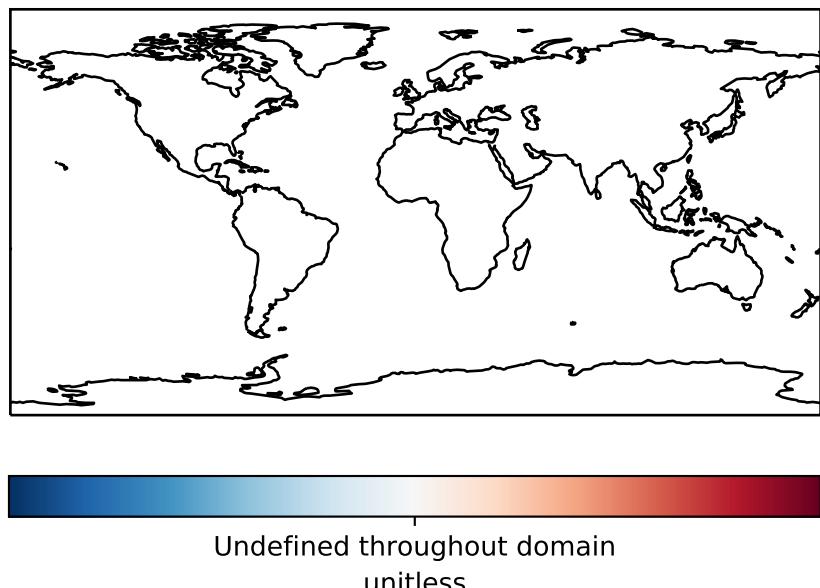
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



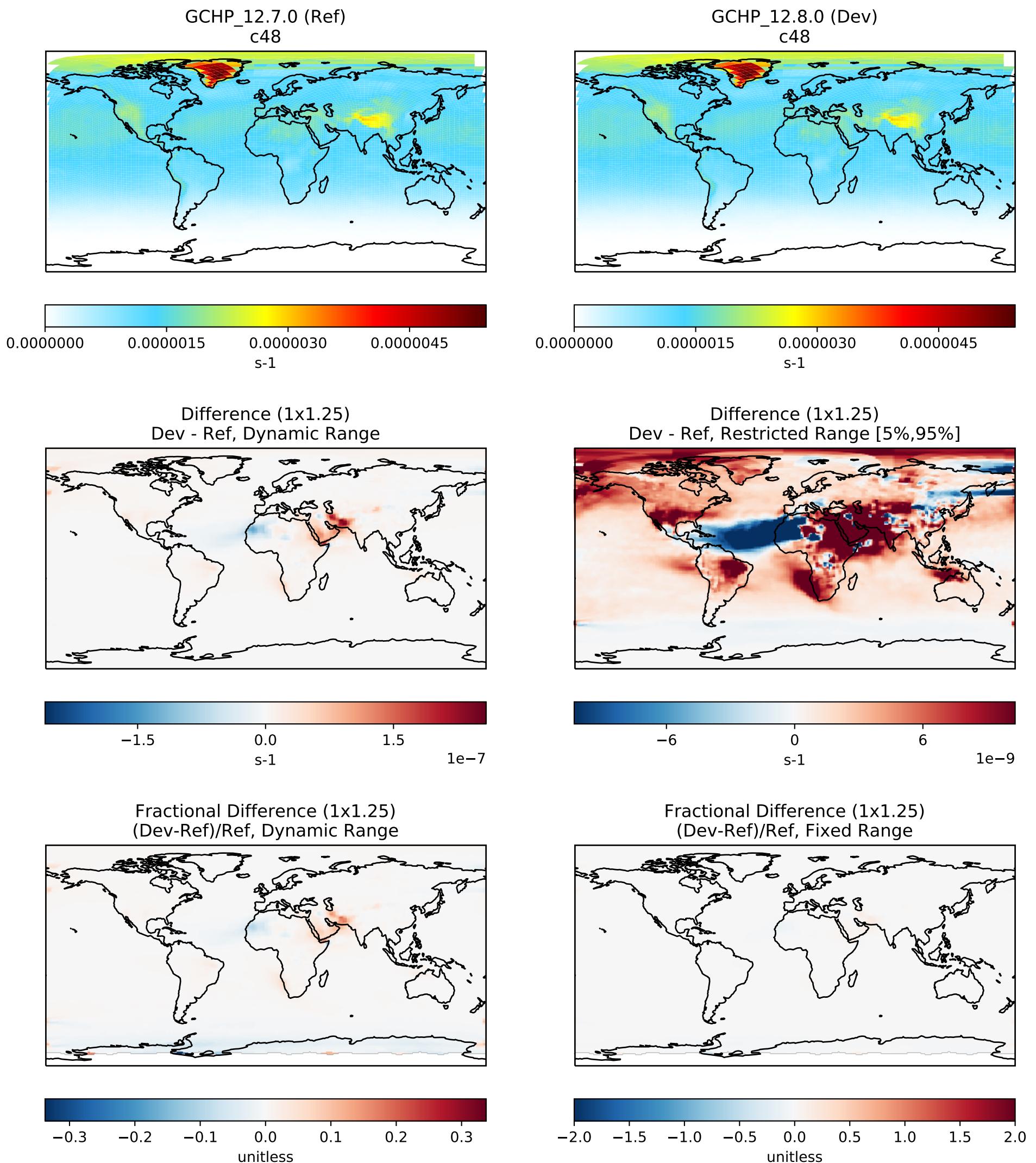
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Jval_MVK



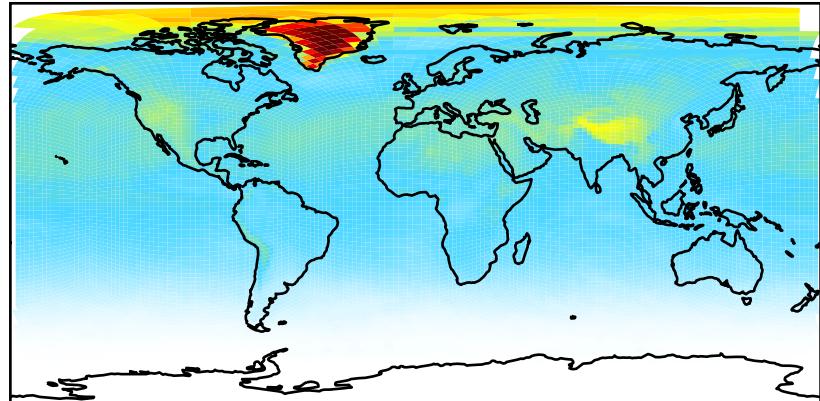
Jval_MVKHC

GCHP_12.7.0 (Ref)
c48



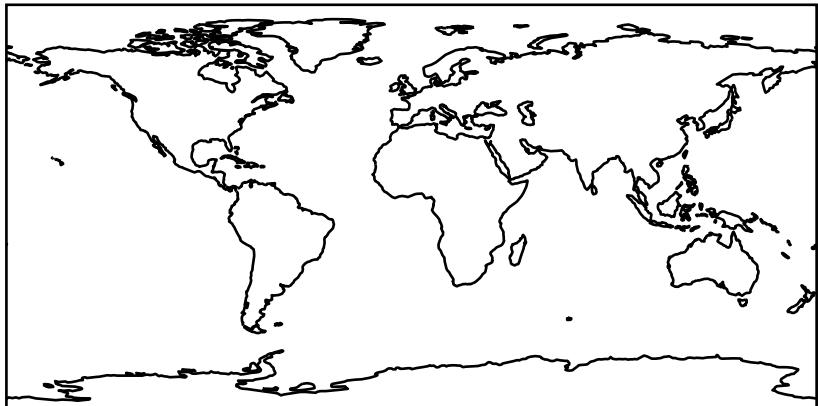
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GCHP_12.8.0 (Dev)
c48



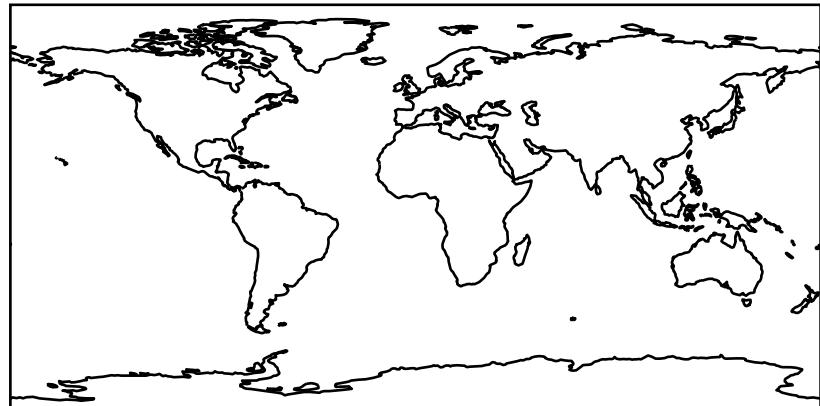
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s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



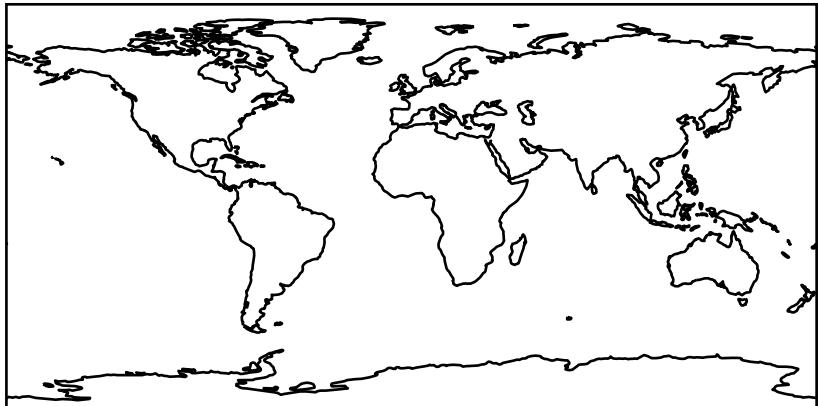
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Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



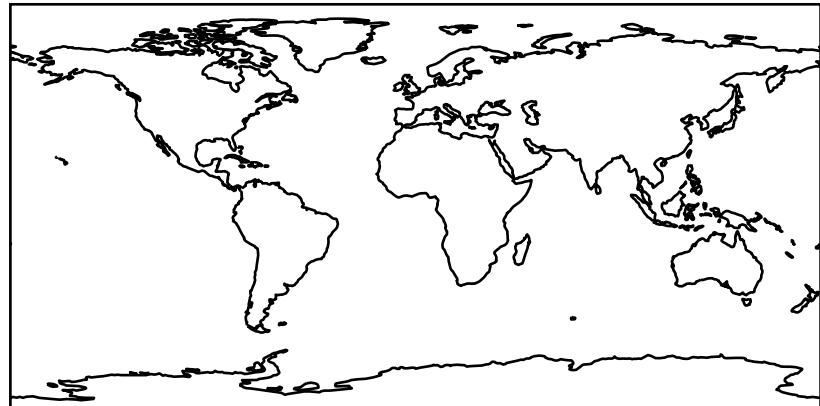
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s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

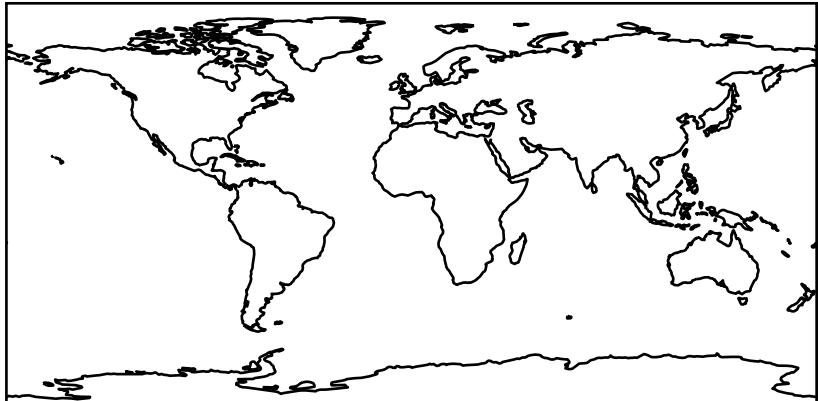
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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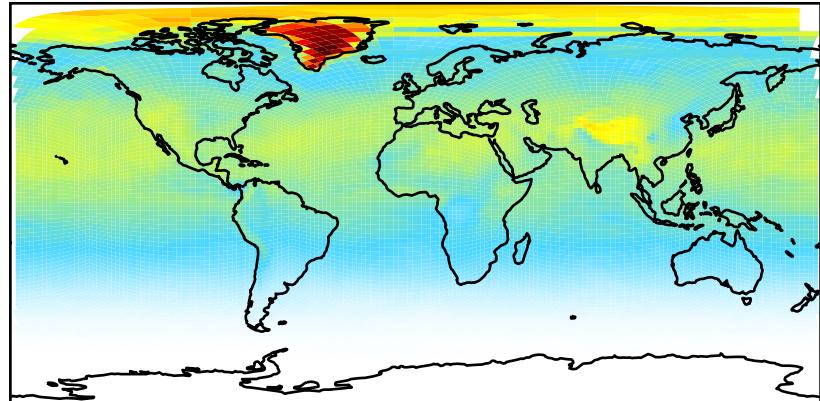
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GCHP_12.7.0 (Ref)
c48



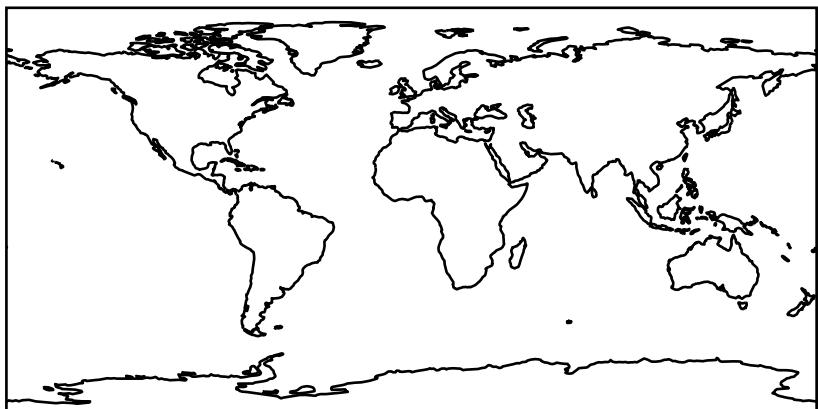
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GCHP_12.8.0 (Dev)
c48



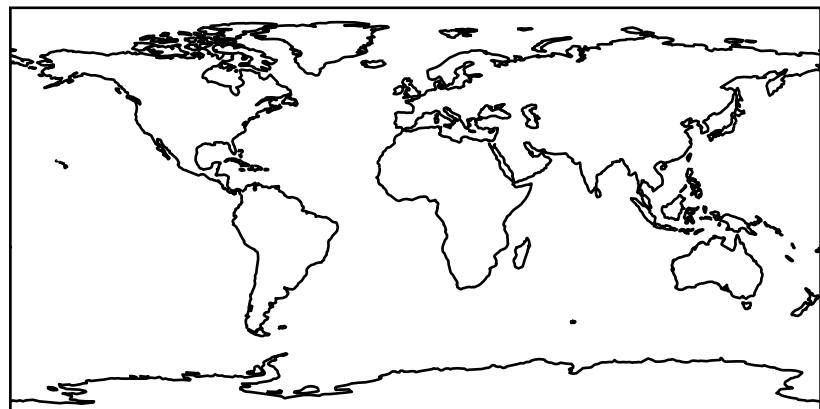
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s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



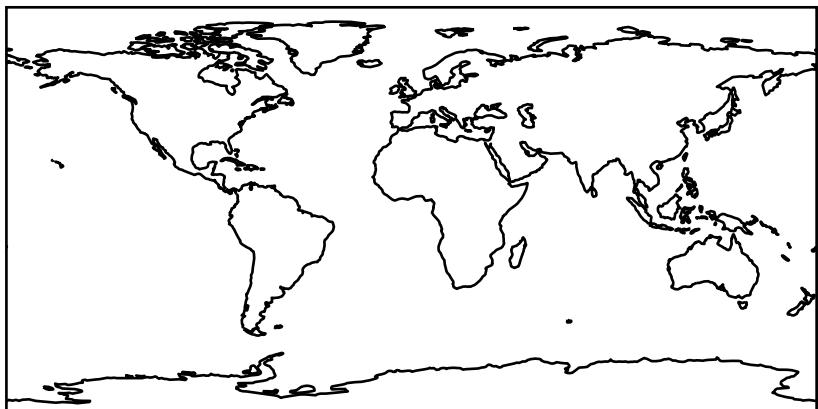
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Undefined throughout domain
s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



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unitless

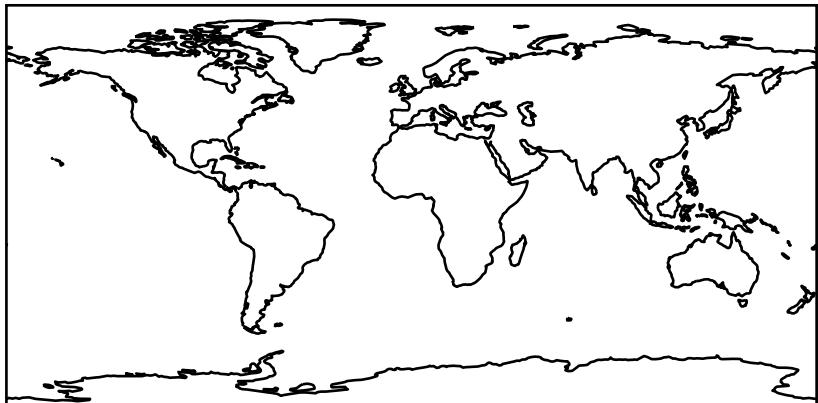
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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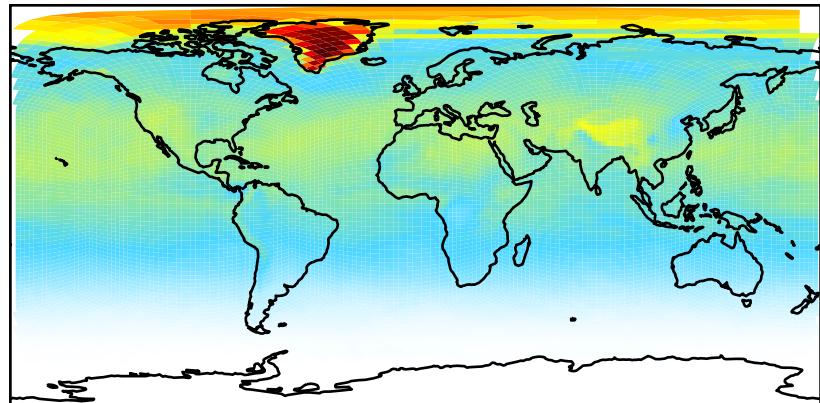
Jval_MVKHP

GCHP_12.7.0 (Ref)
c48



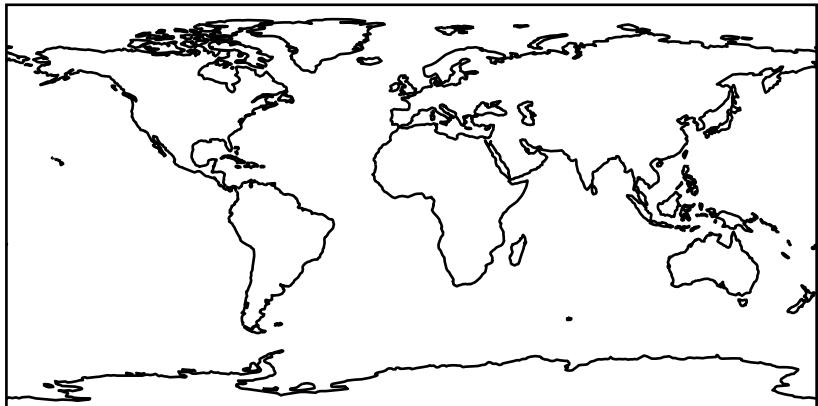
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s-1

GCHP_12.8.0 (Dev)
c48



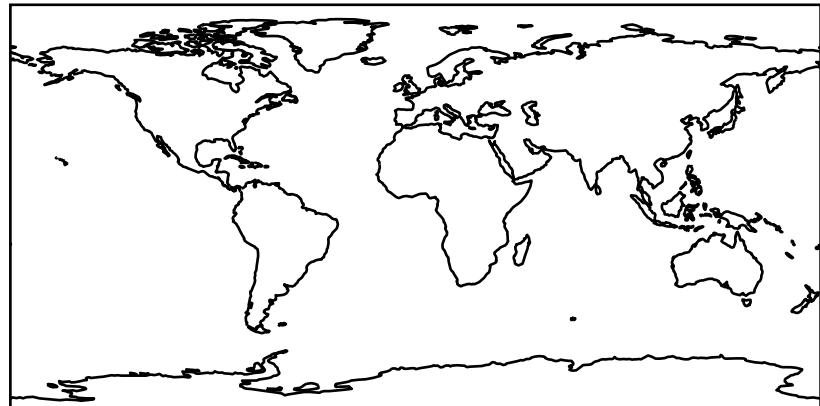
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s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



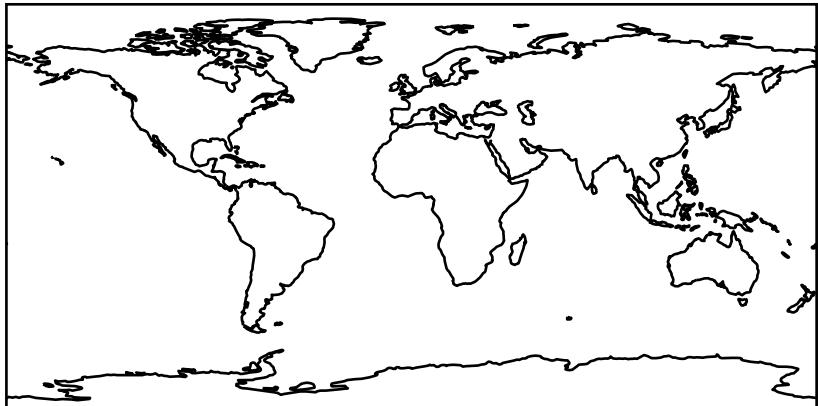
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



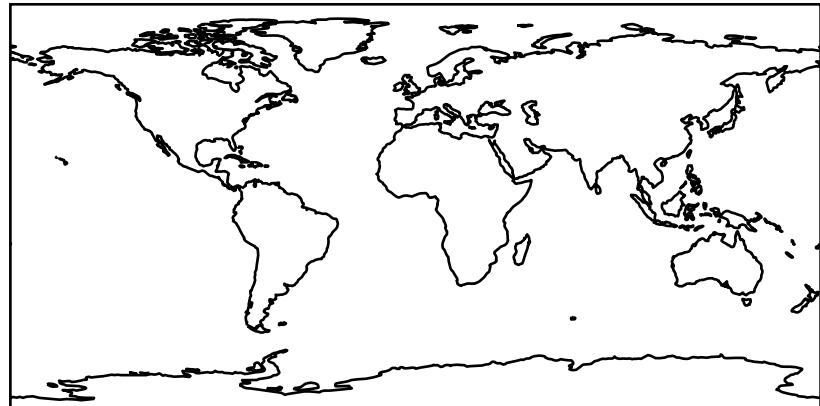
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



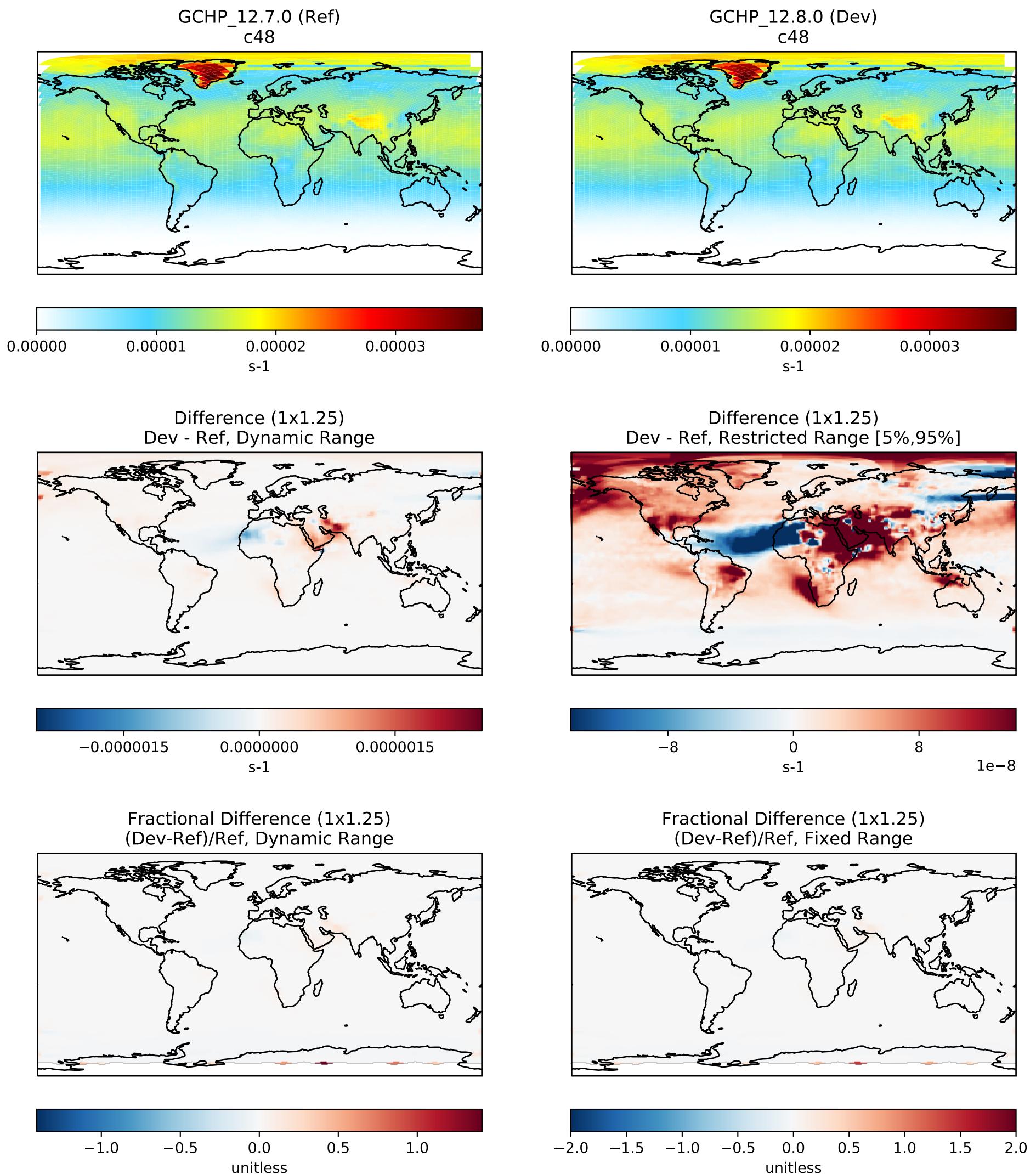
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



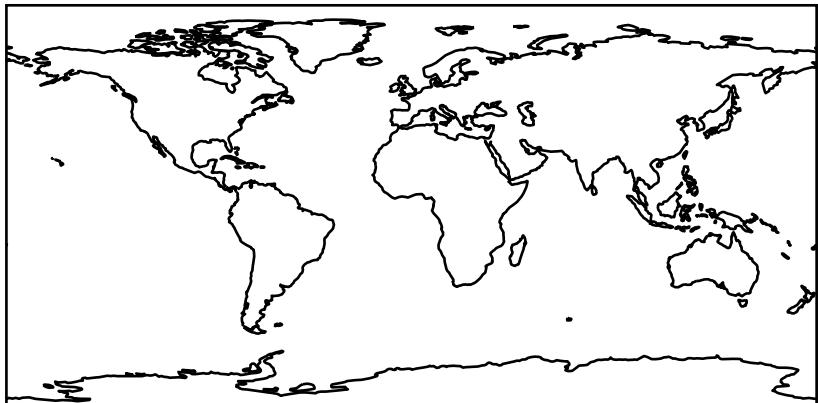
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Jval_MVKN



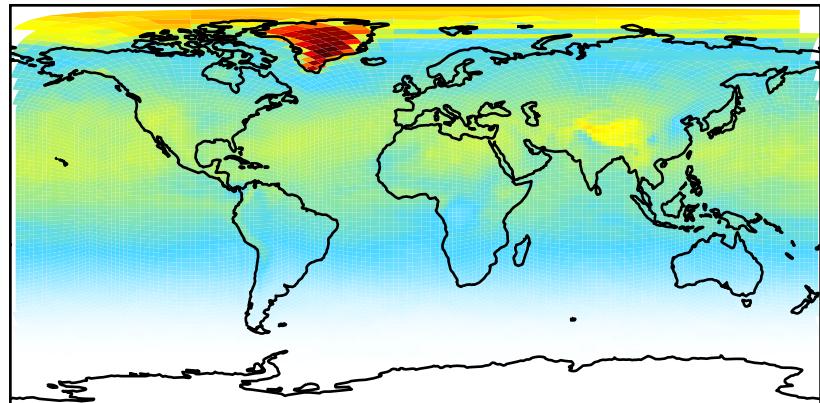
Jval_MVKPC

GCHP_12.7.0 (Ref)
c48



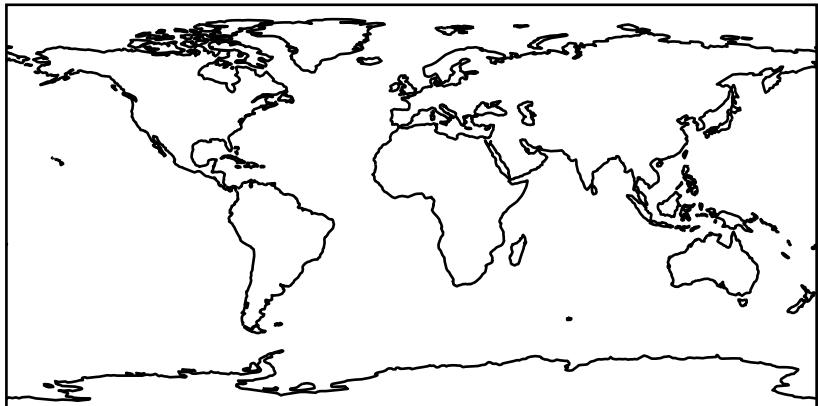
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GCHP_12.8.0 (Dev)
c48



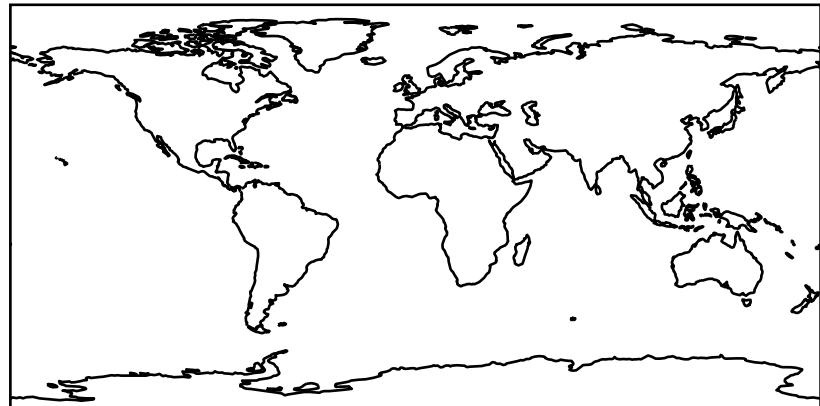
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Difference (1x1.25)
Dev - Ref, Dynamic Range



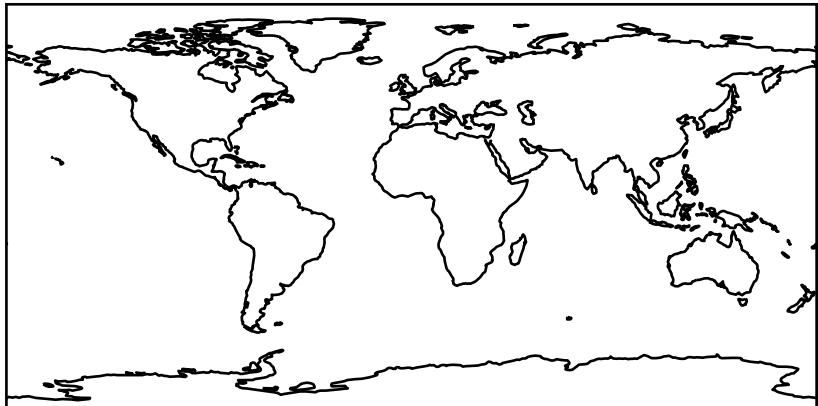
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Undefined throughout domain
s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



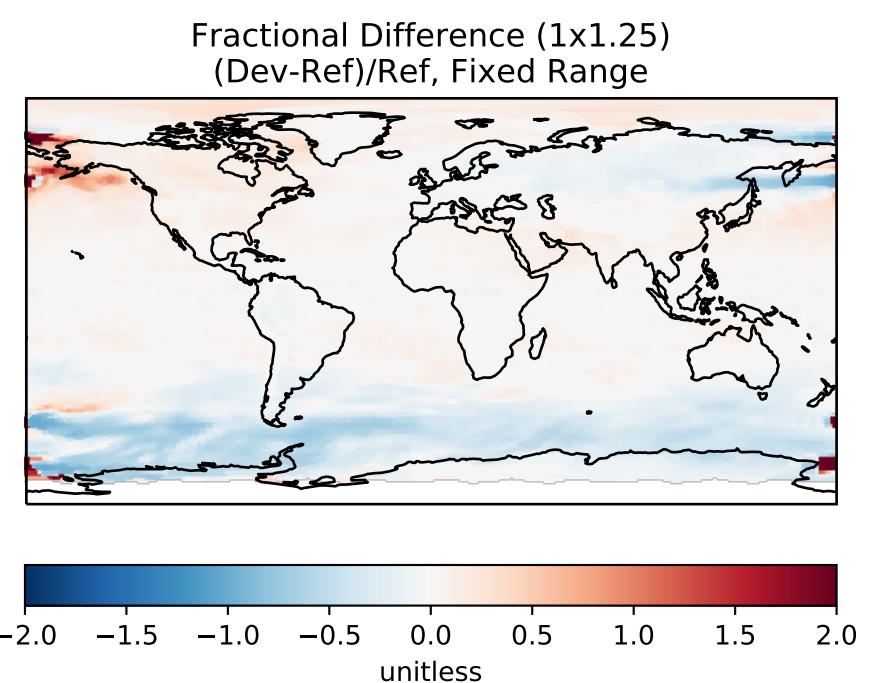
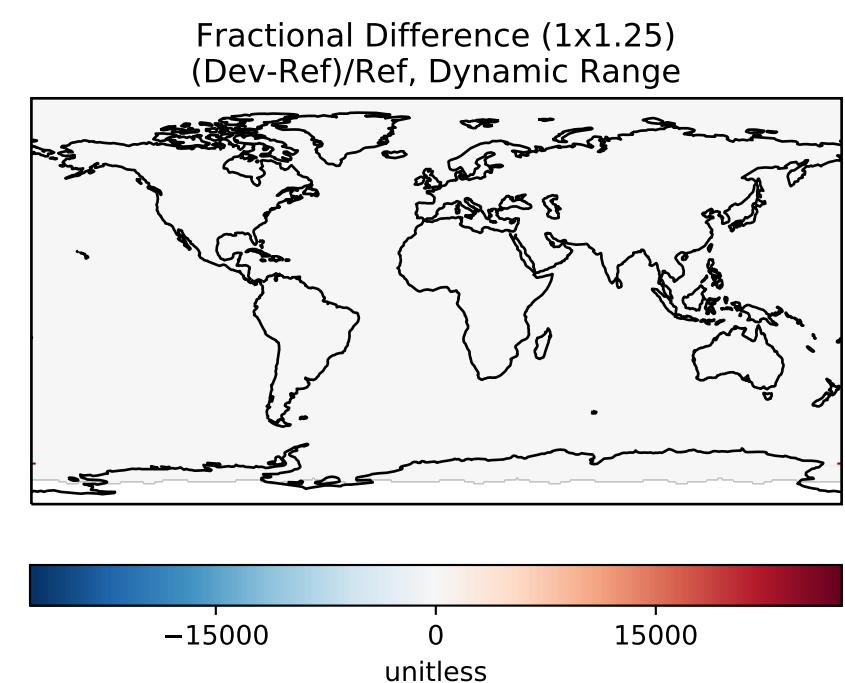
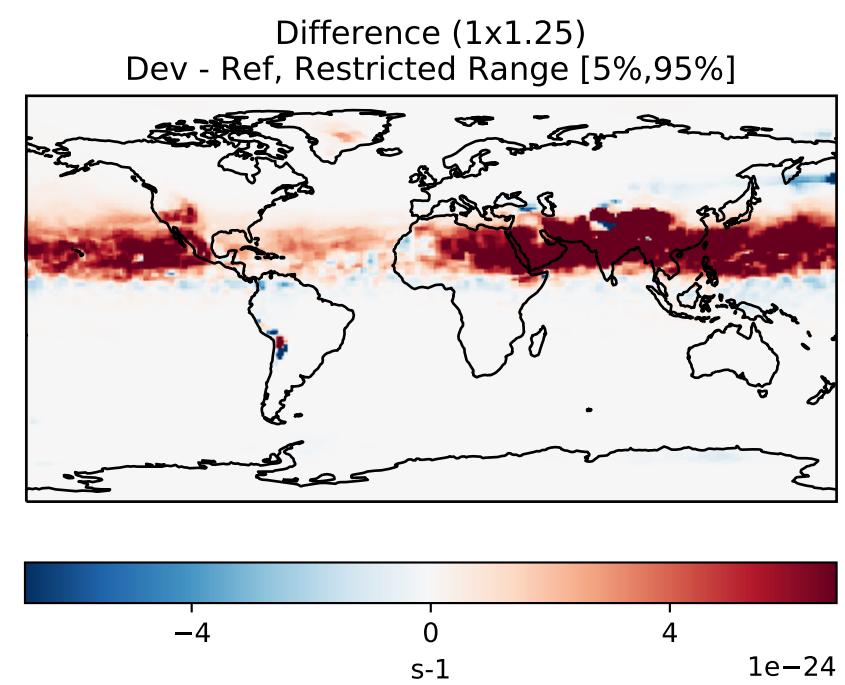
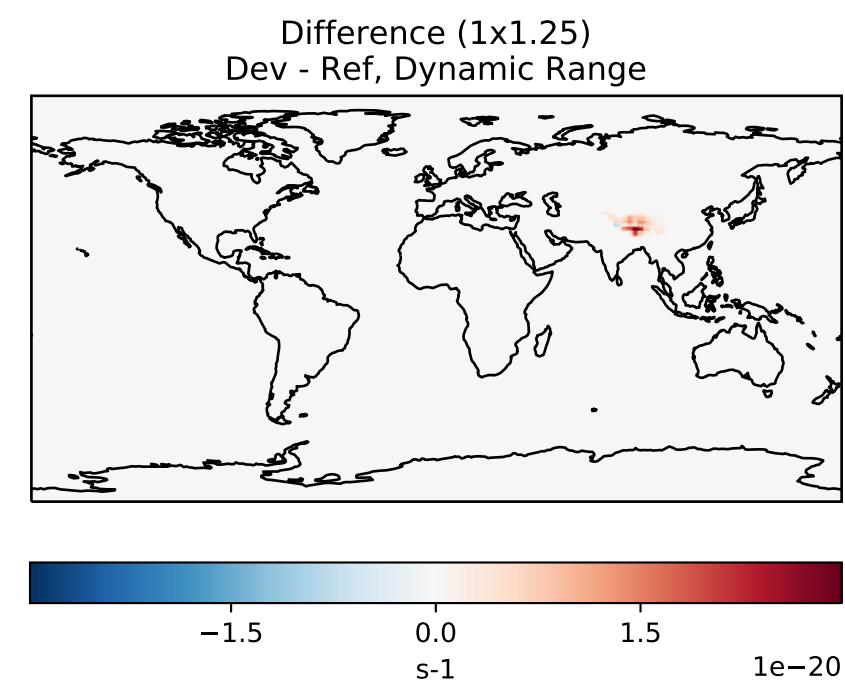
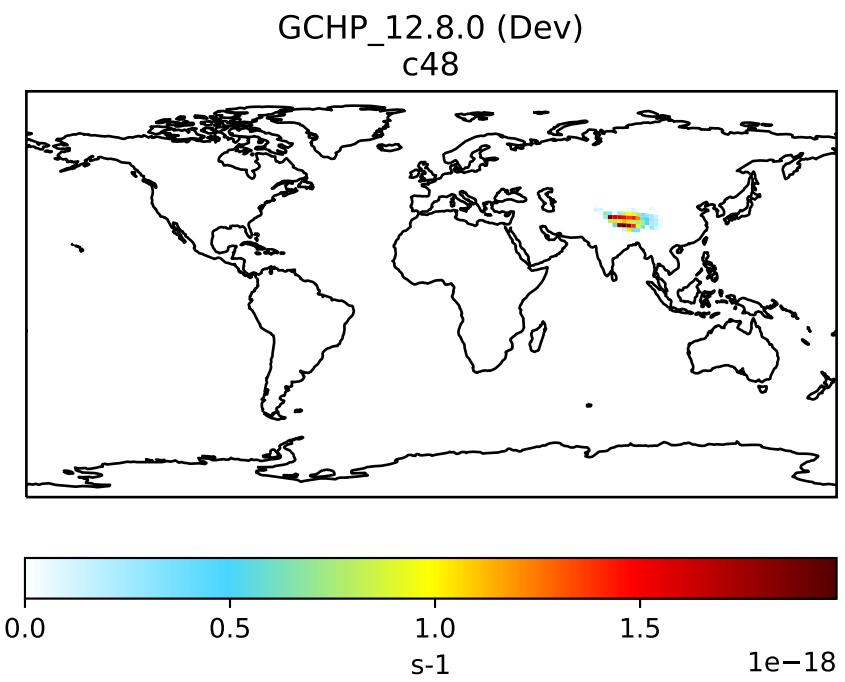
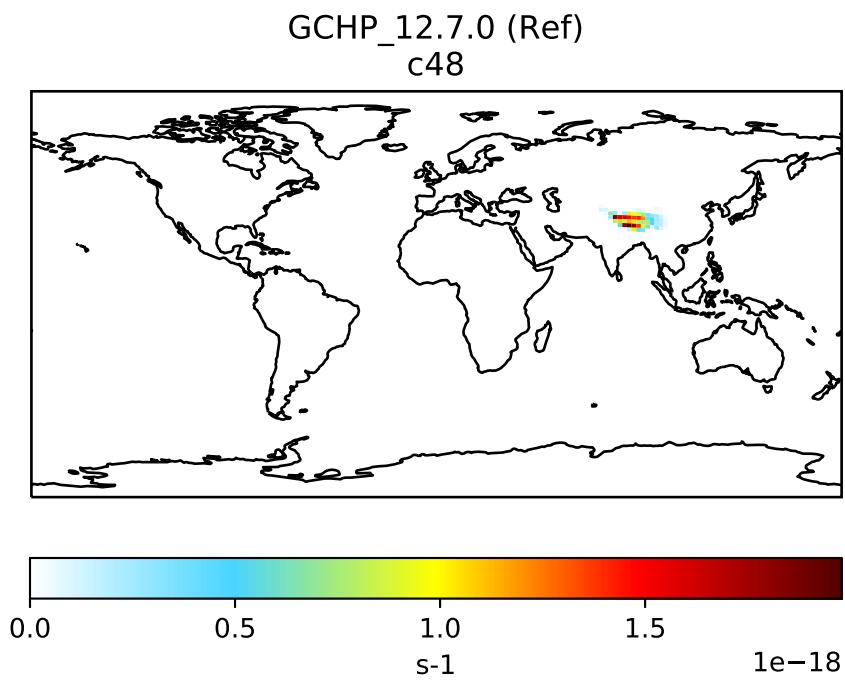
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



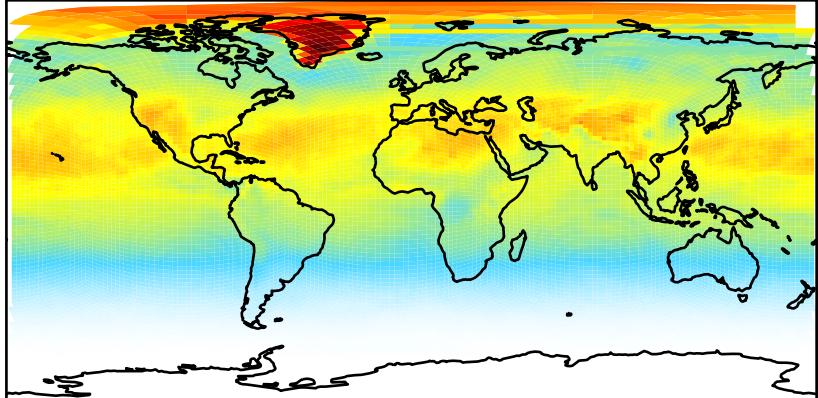
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Jval_N20



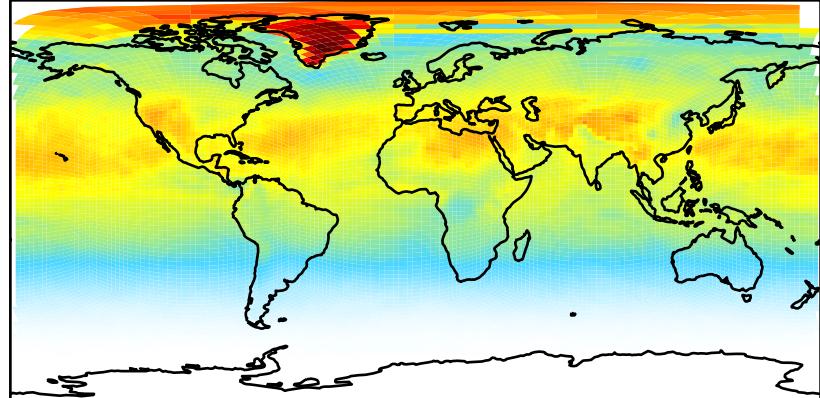
Jval_N205

GCHP_12.7.0 (Ref)
c48



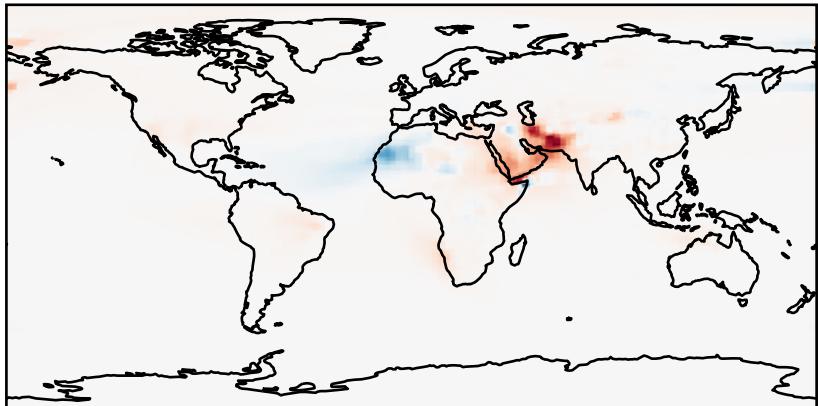
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s⁻¹

GCHP_12.8.0 (Dev)
c48



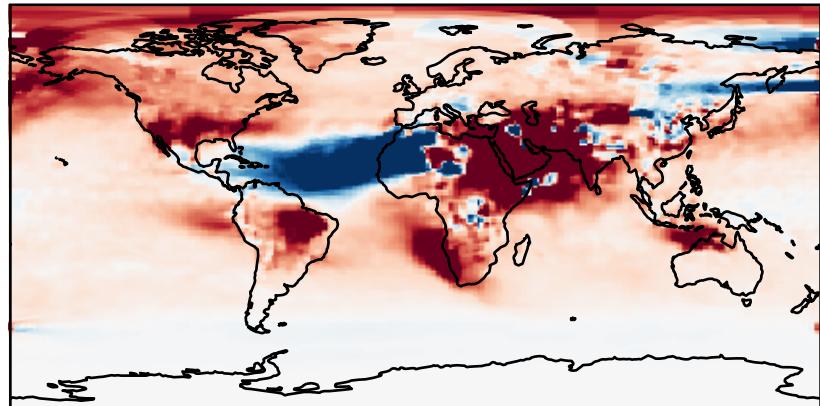
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s⁻¹

Difference (1x1.25)
Dev - Ref, Dynamic Range



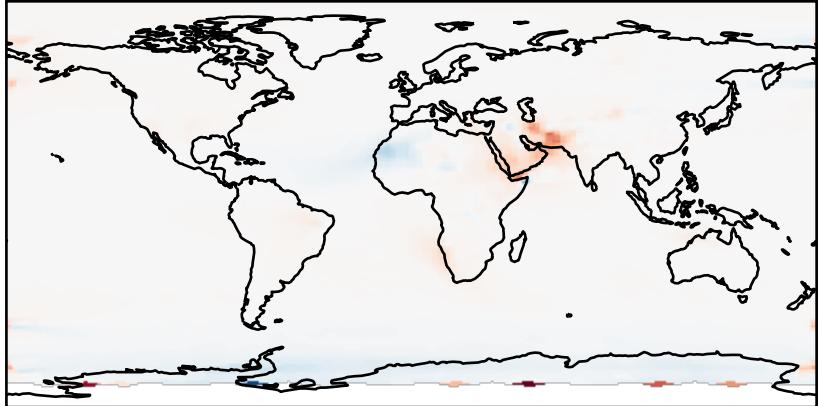
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s⁻¹

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



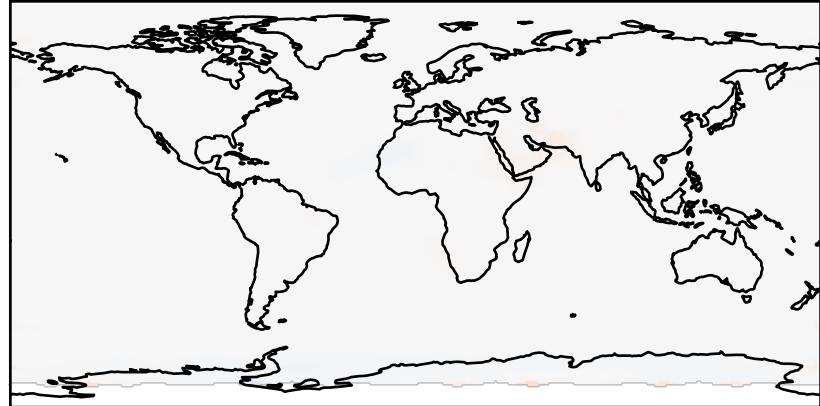
-5 0 5 1e-8
s⁻¹

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



-0.3 -0.2 -0.1 0.0 0.1 0.2 0.3
unitless

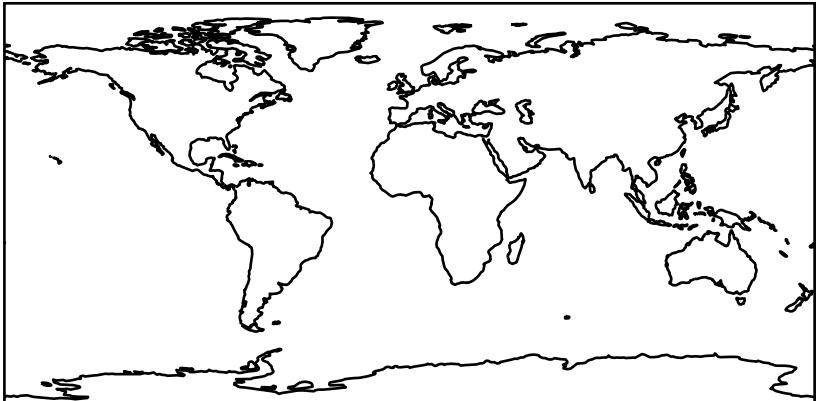
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

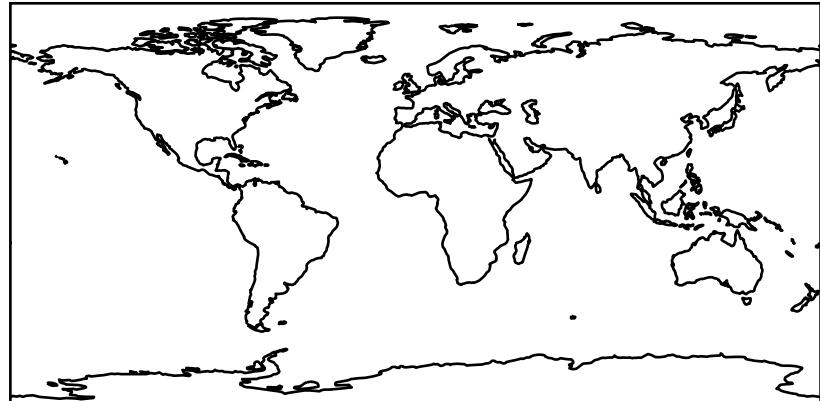
Jval_NIT

GCHP_12.7.0 (Ref)
c48



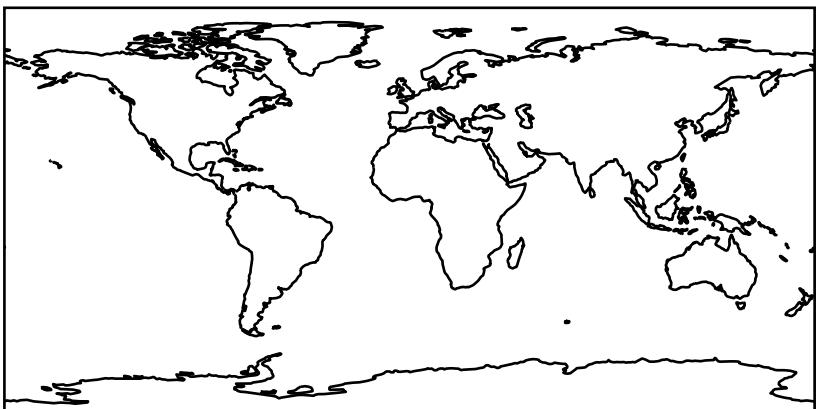
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s-1

GCHP_12.8.0 (Dev)
c48



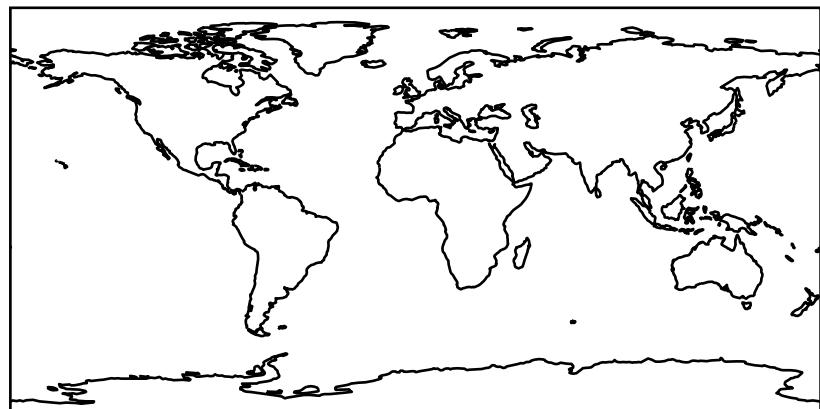
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s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



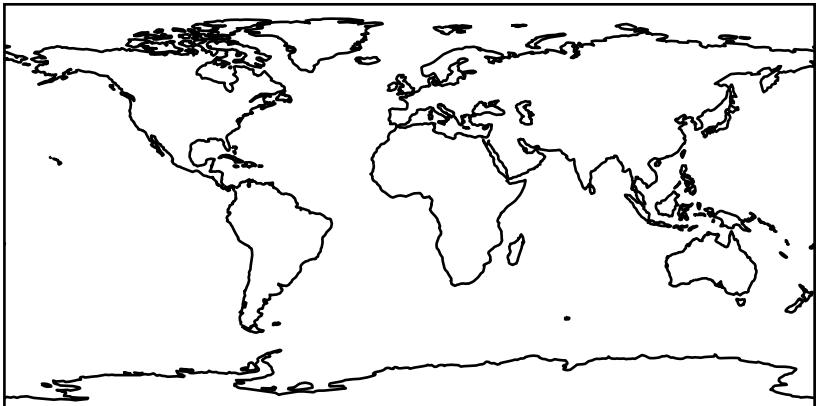
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



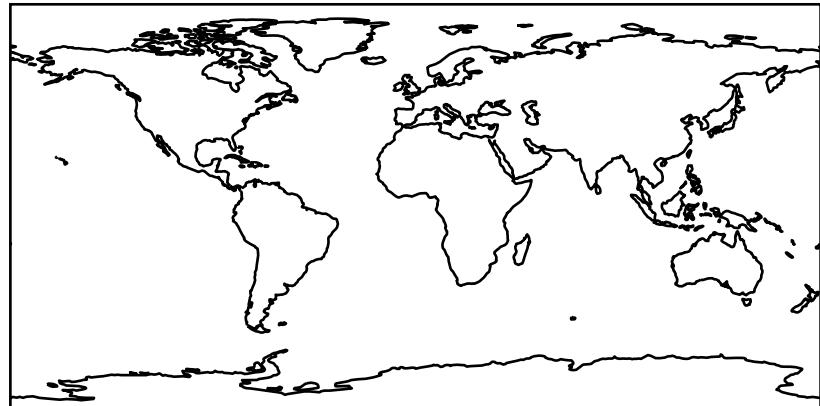
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s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

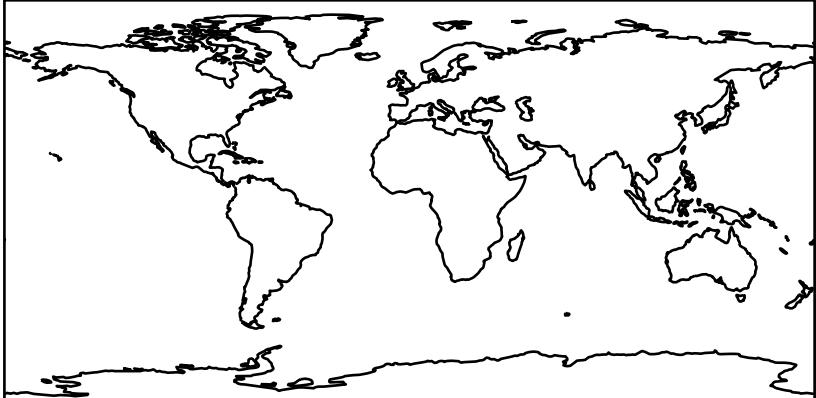
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain
unitless

Jval_NITS

GCHP_12.7.0 (Ref)
c48



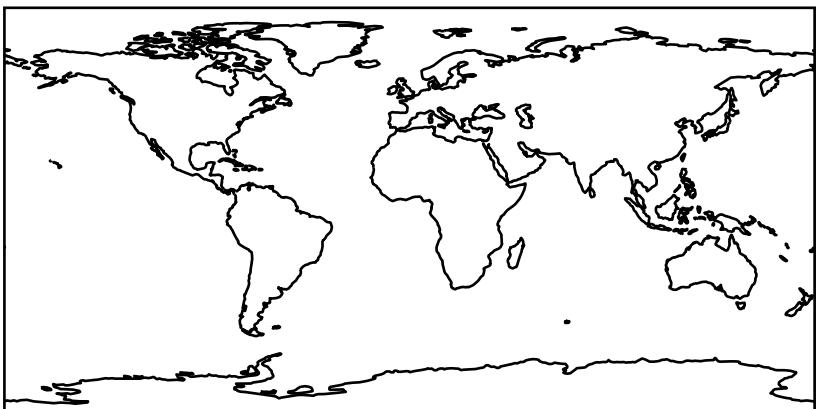
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s-1

GCHP_12.8.0 (Dev)
c48



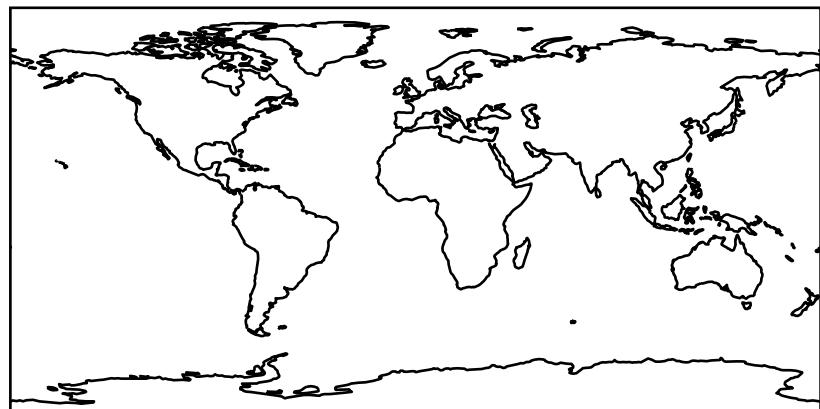
Zero throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



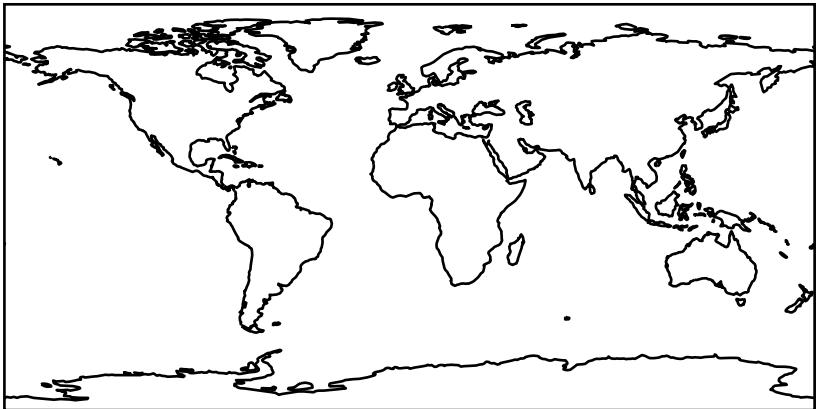
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



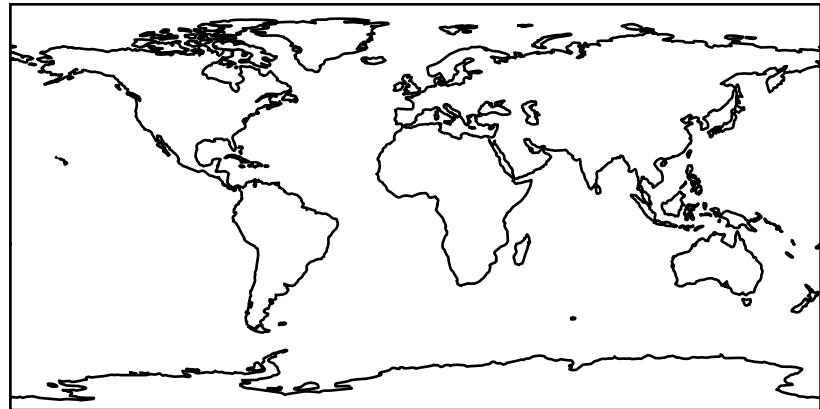
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s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



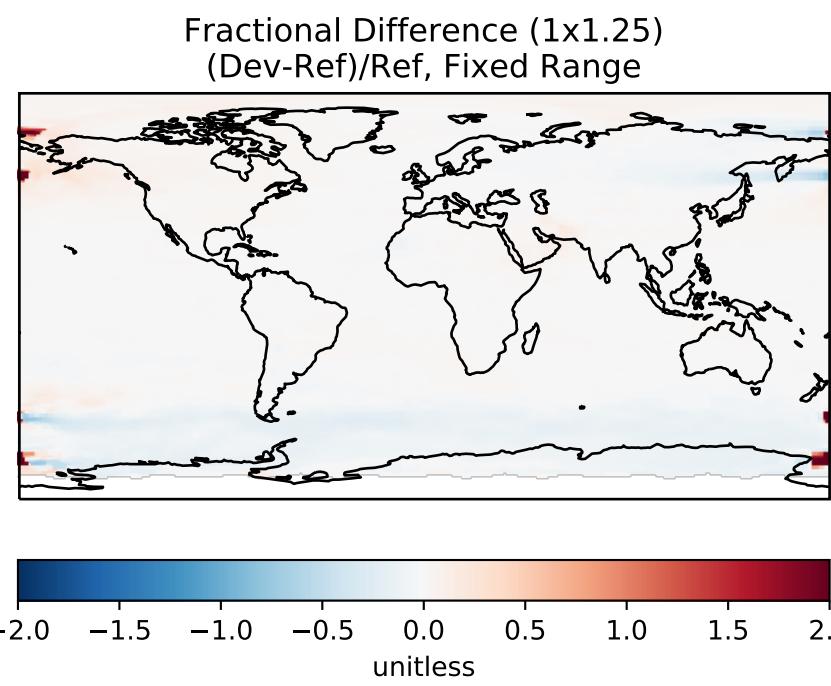
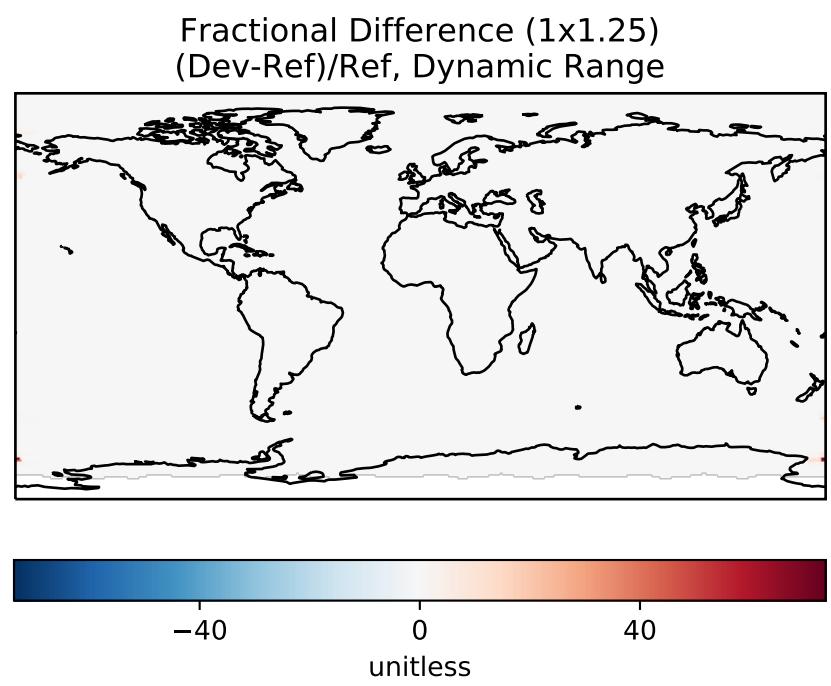
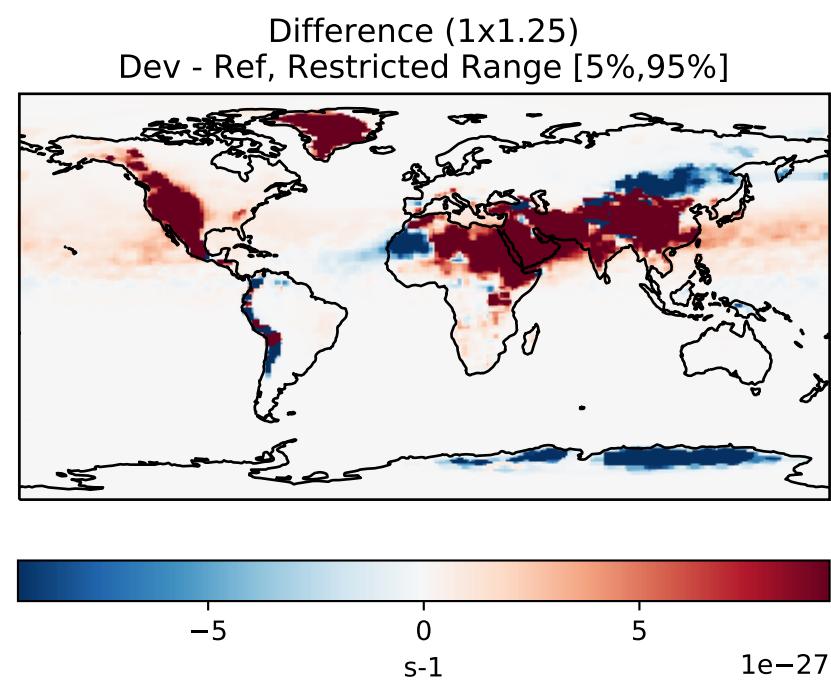
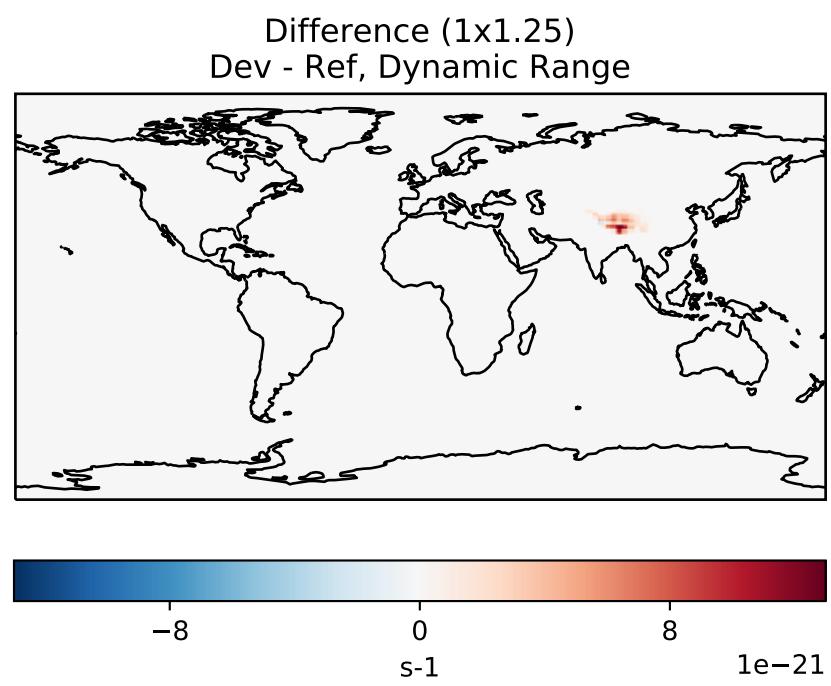
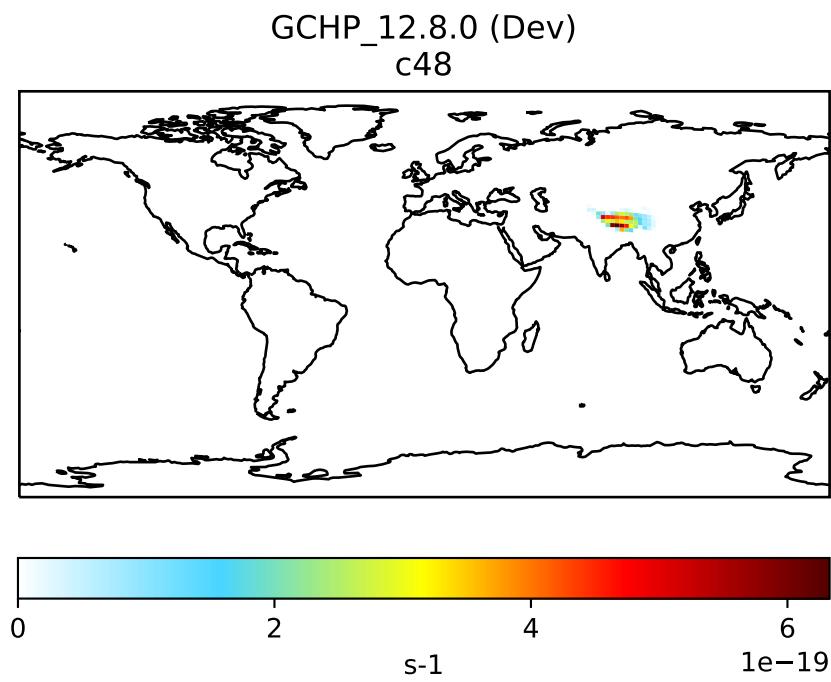
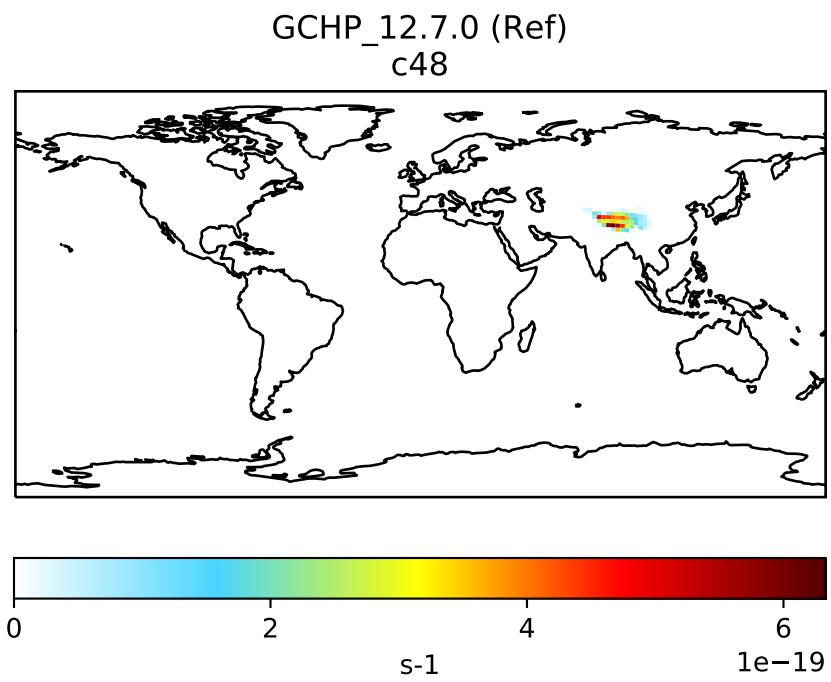
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



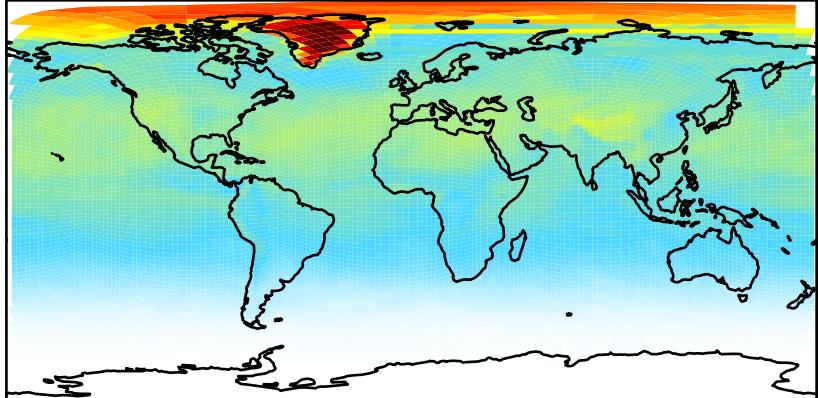
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unitless

Jval_NO

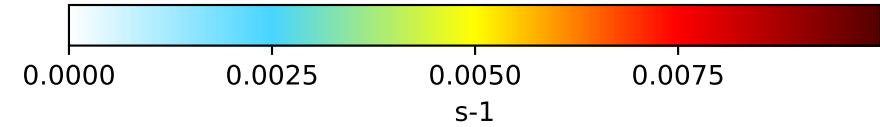
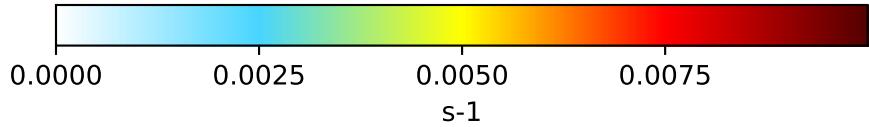
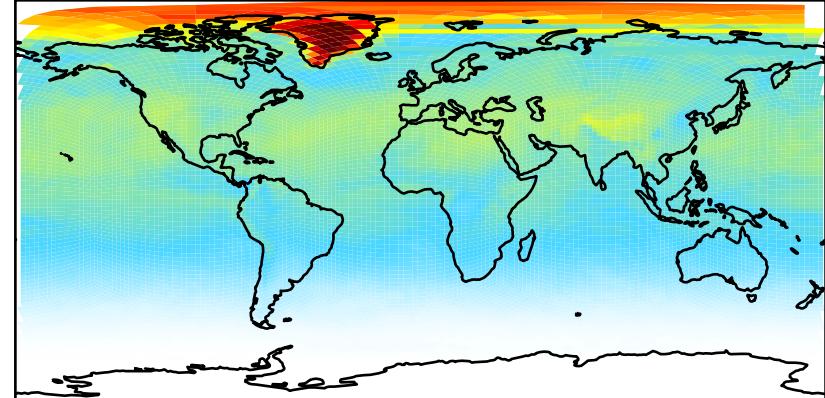


Jval_NO2

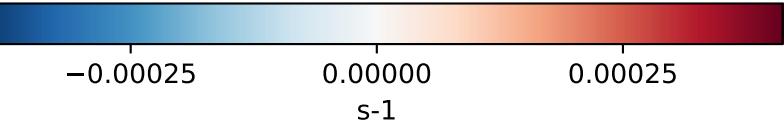
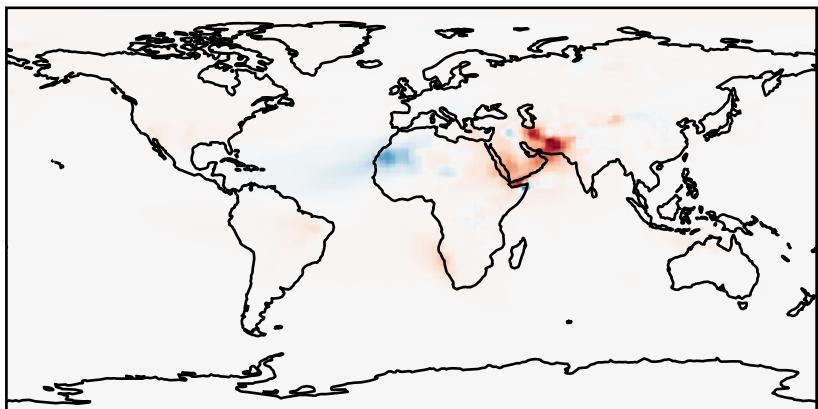
GCHP_12.7.0 (Ref)
c48



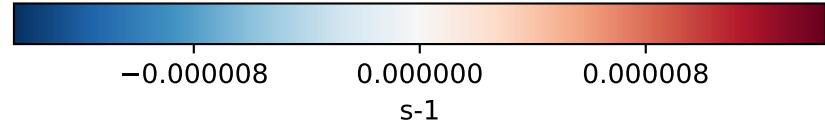
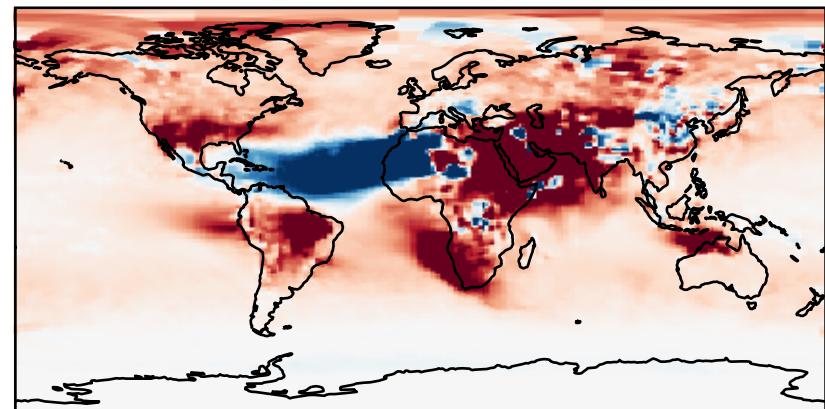
GCHP_12.8.0 (Dev)
c48



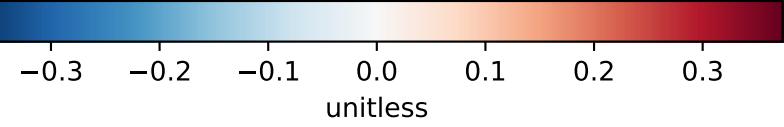
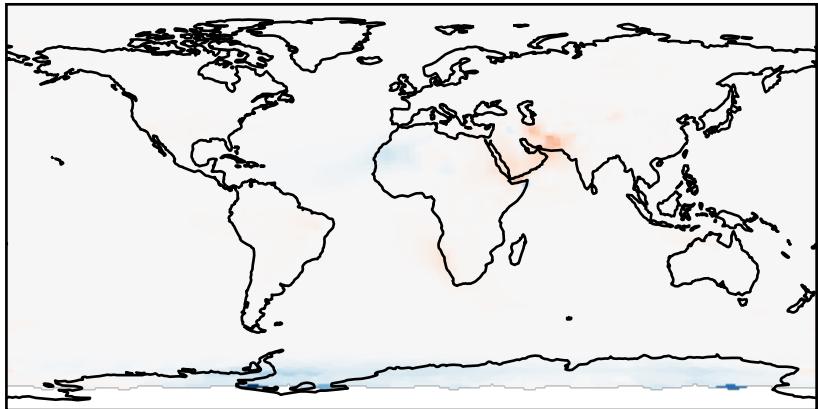
Difference (1x1.25)
Dev - Ref, Dynamic Range



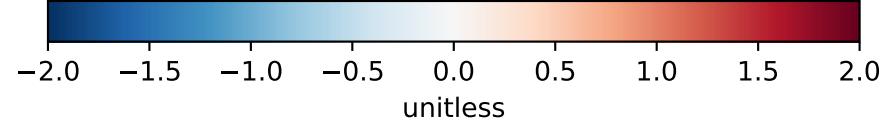
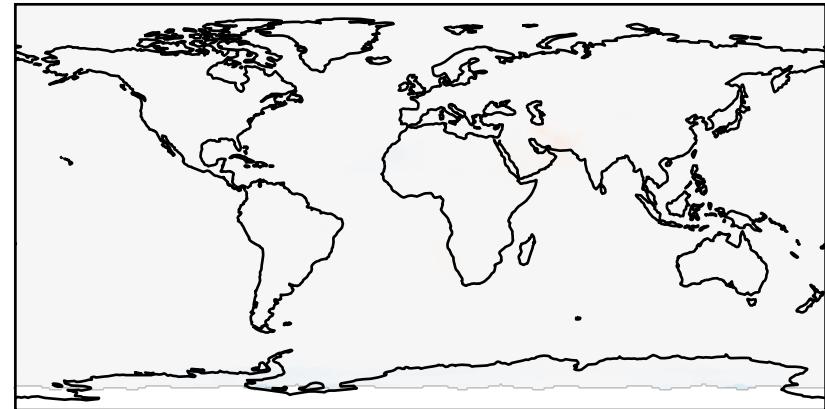
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

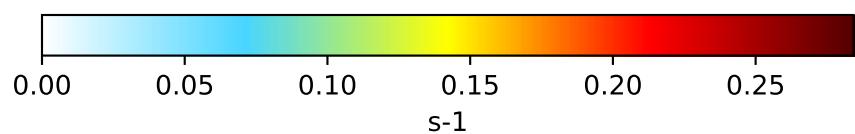
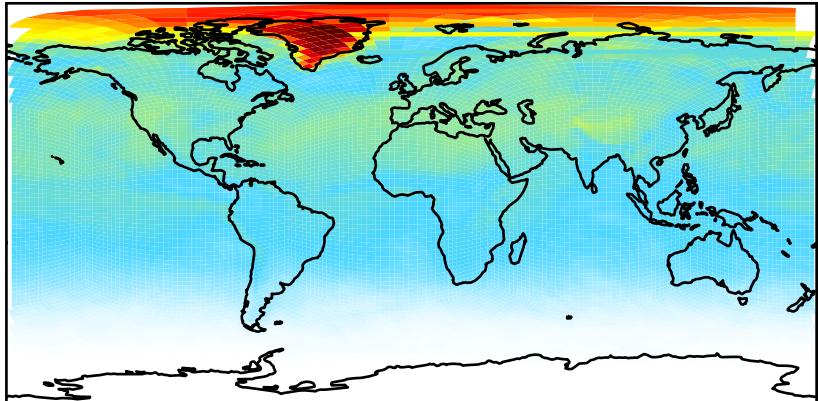


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

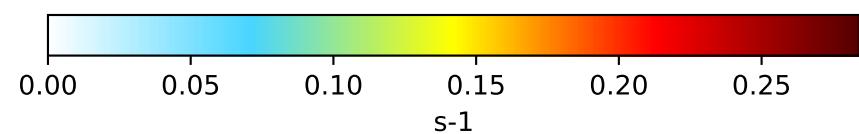
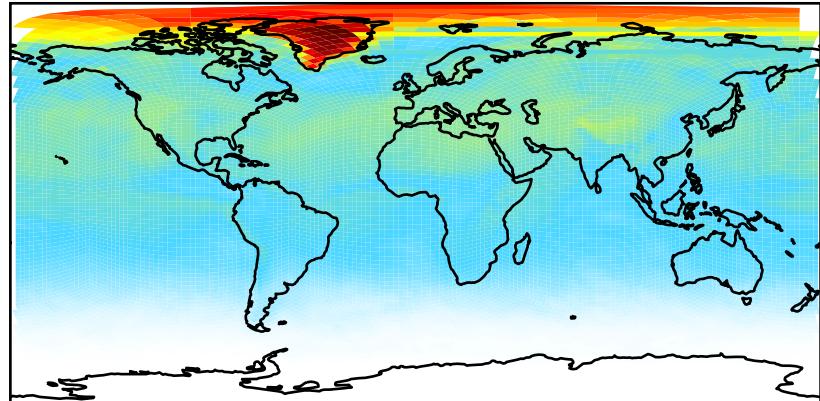


Jval_NO3

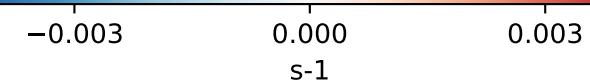
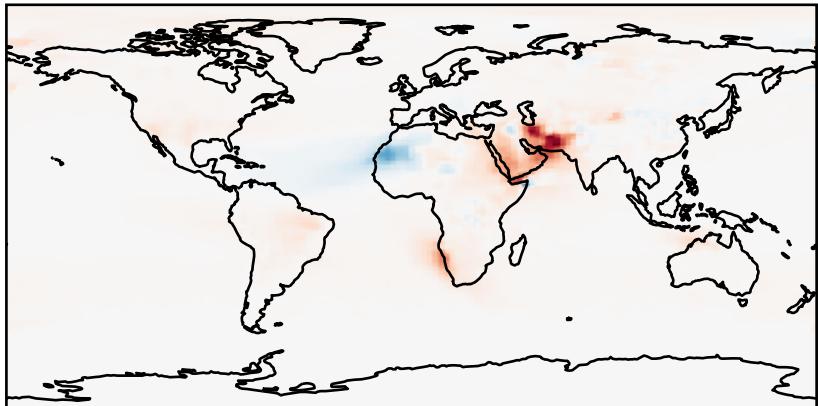
GCHP_12.7.0 (Ref)
c48



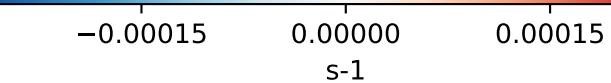
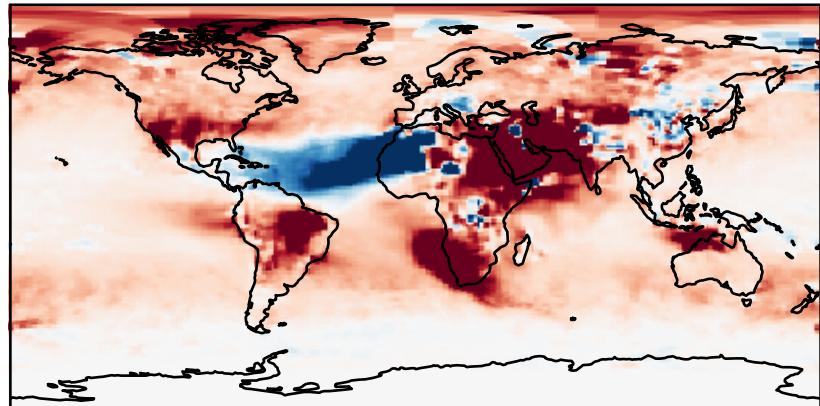
GCHP_12.8.0 (Dev)
c48



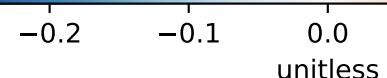
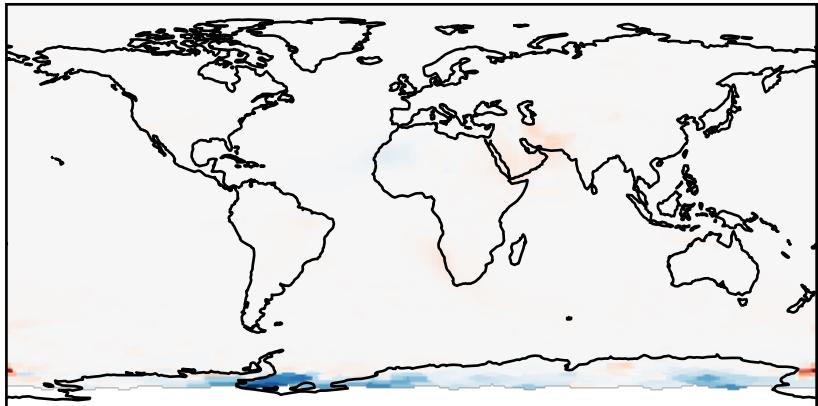
Difference (1x1.25)
Dev - Ref, Dynamic Range



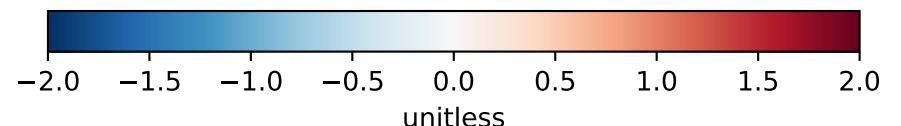
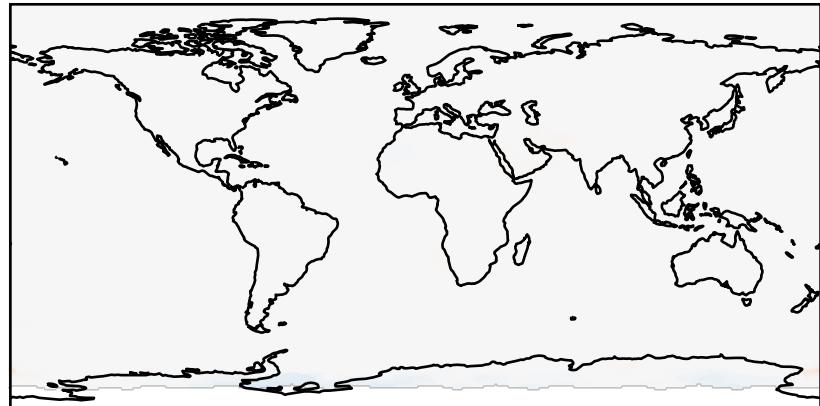
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

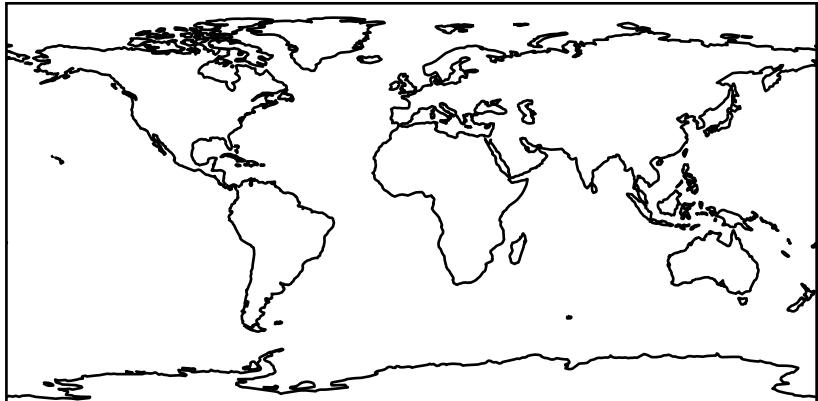


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



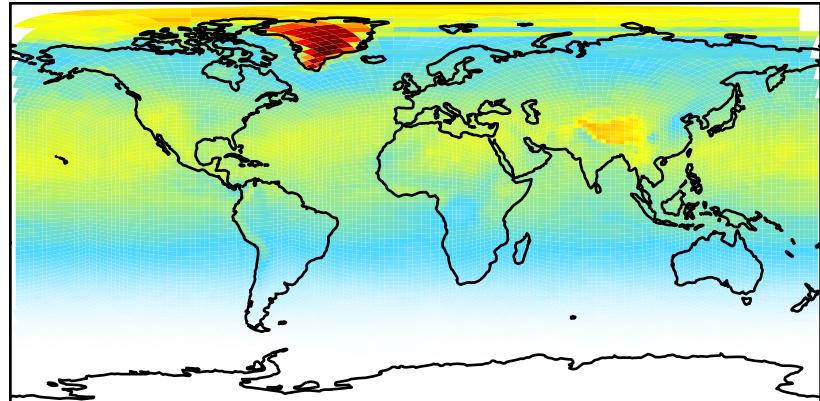
Jval_NPRNO3

GCHP_12.7.0 (Ref)
c48



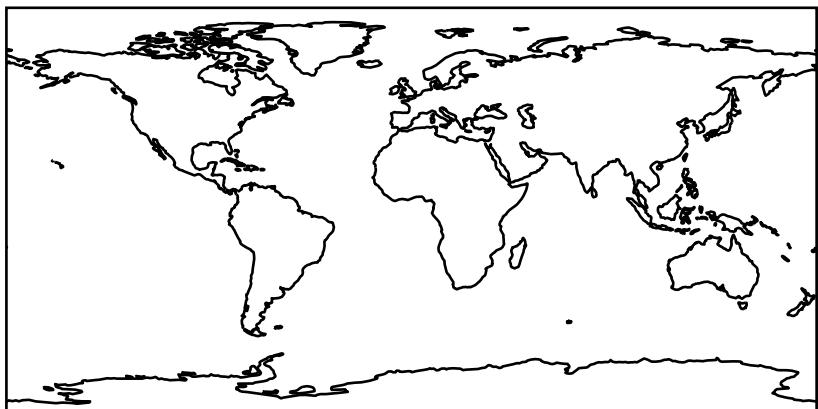
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s-1

GCHP_12.8.0 (Dev)
c48



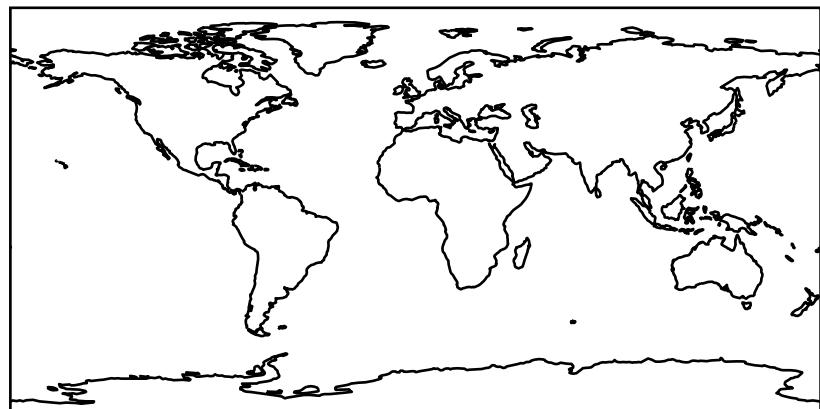
0.000000 0.000004 0.000008 0.000012
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



Undefined throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



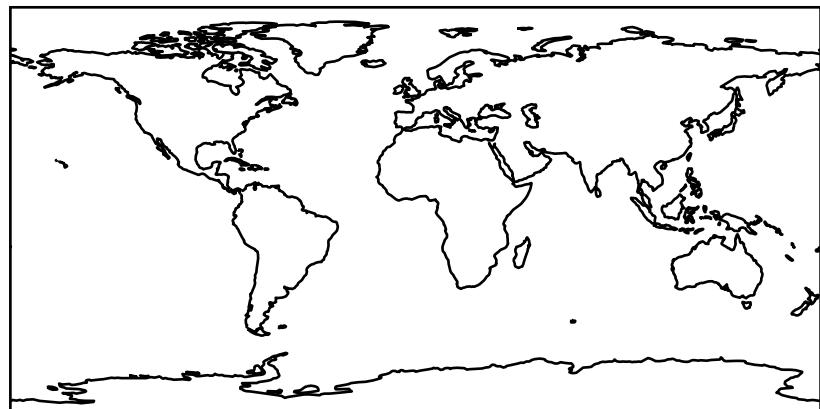
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s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



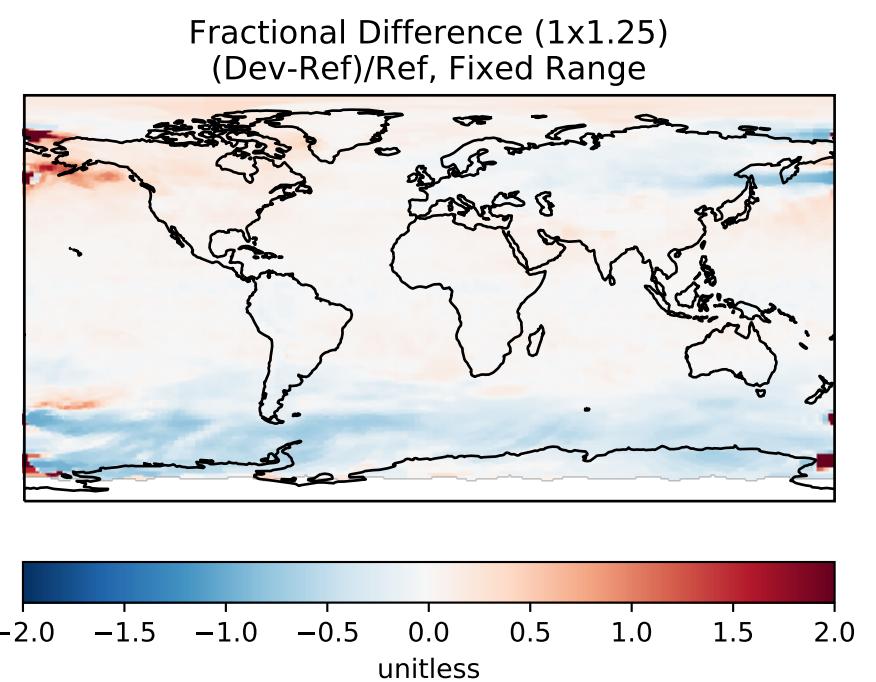
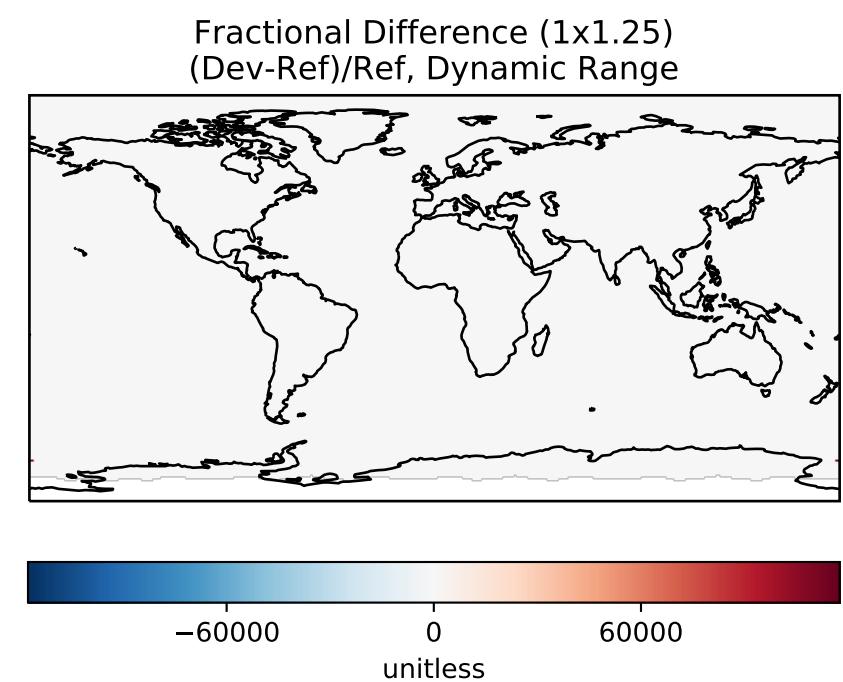
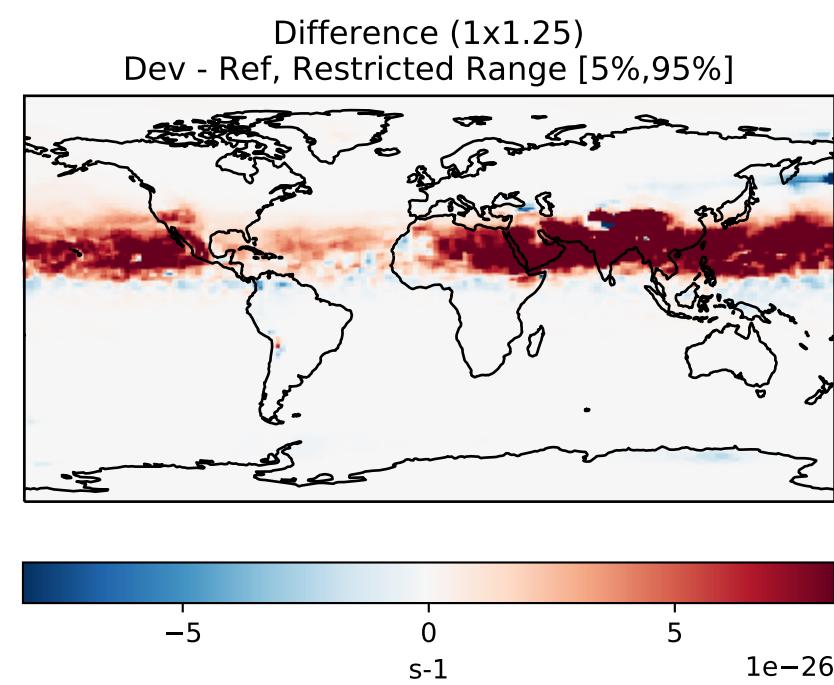
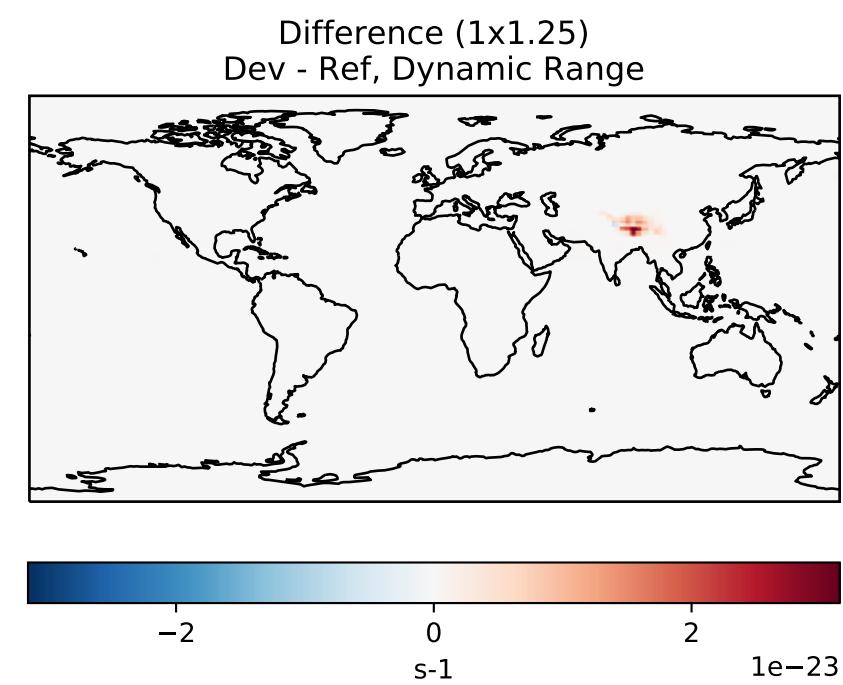
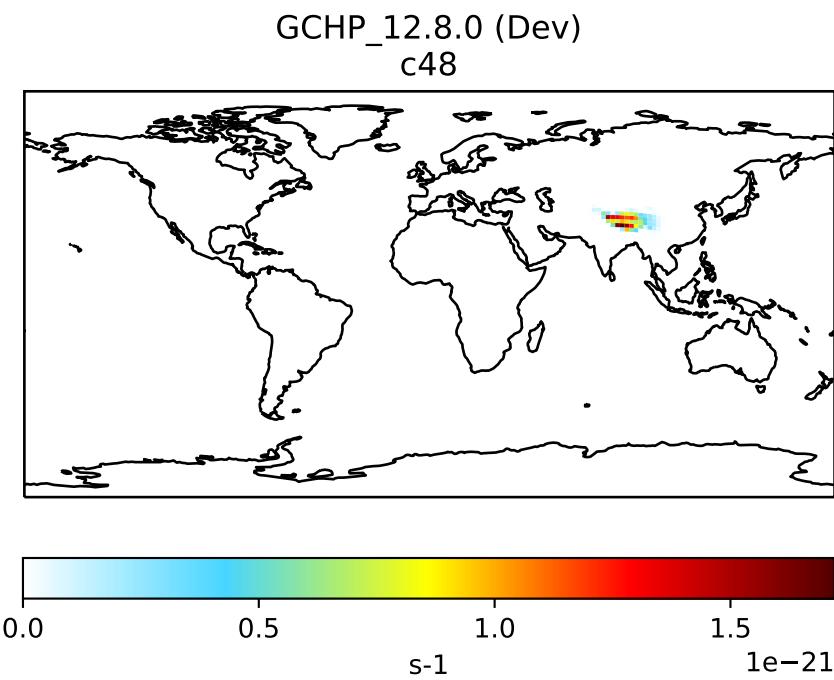
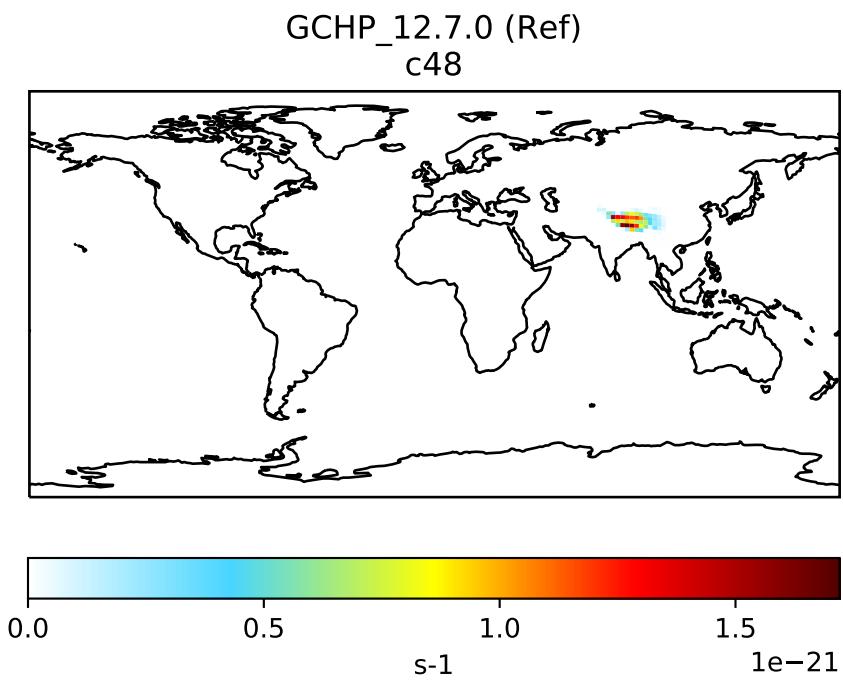
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unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



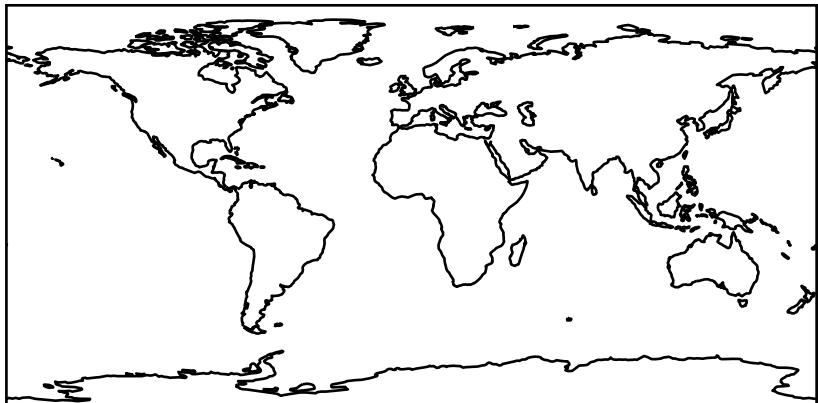
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Jval_O2

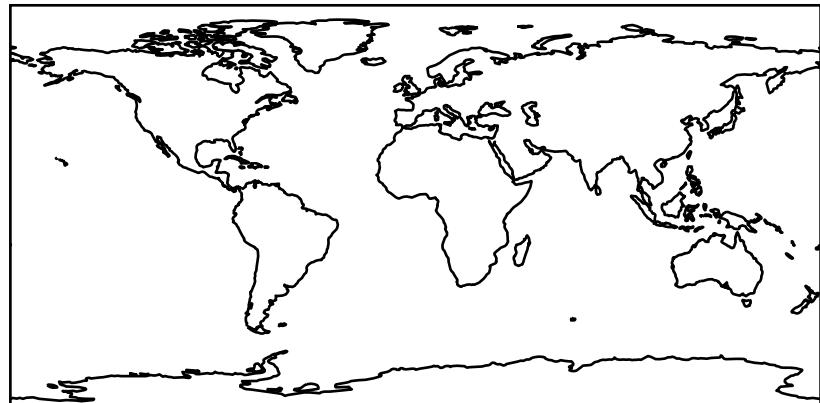


Jval_O3

GCHP_12.7.0 (Ref)
c48



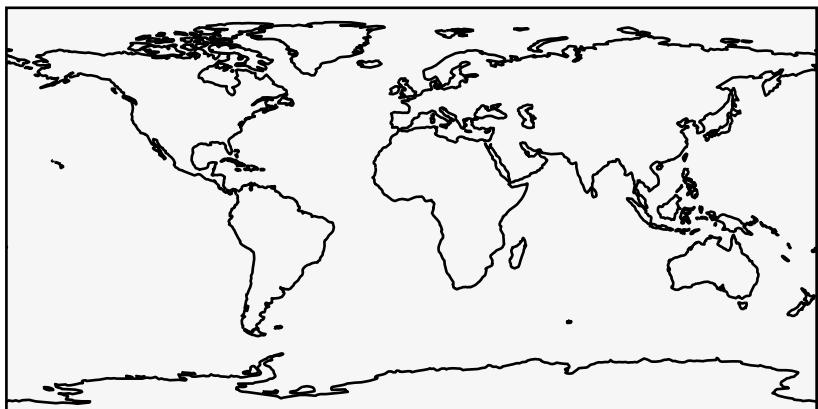
GCHP_12.8.0 (Dev)
c48



Zero throughout domain
s-1

Zero throughout domain
s-1

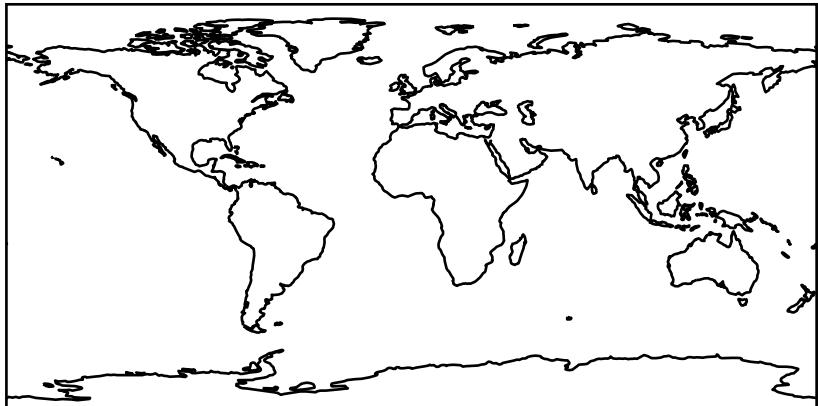
Difference (1x1.25)
Dev - Ref, Dynamic Range



Zero throughout domain
s-1

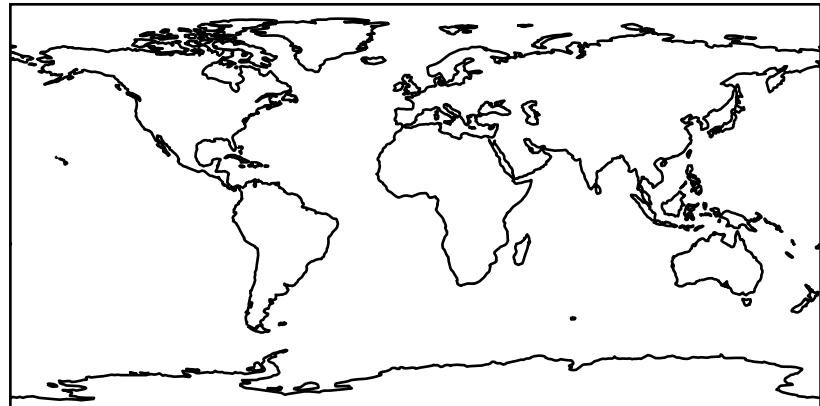
Zero throughout domain
s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

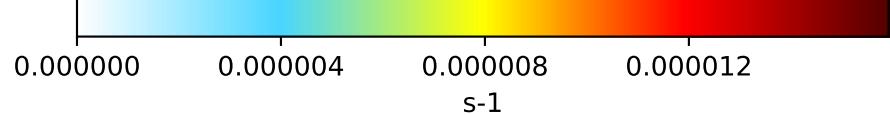
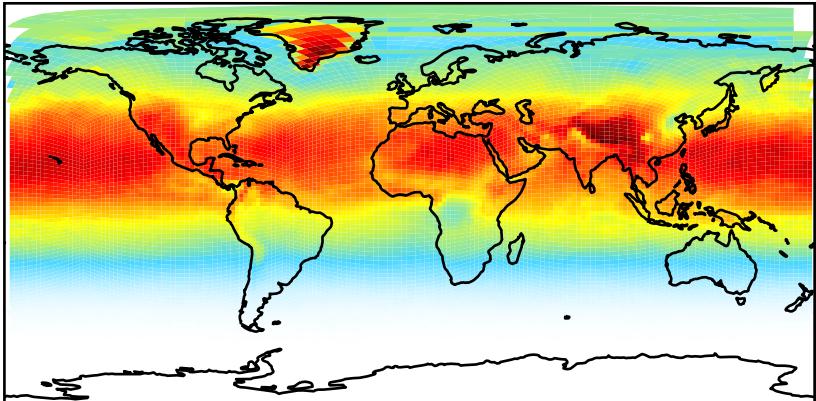
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



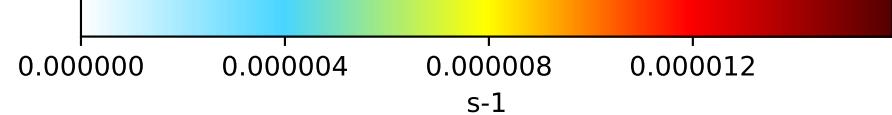
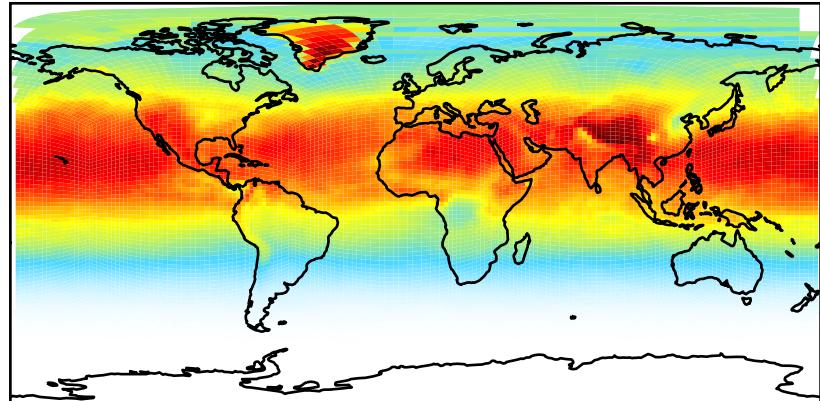
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Jval_0301D

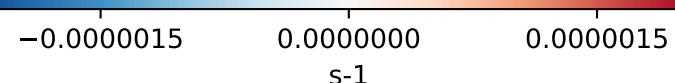
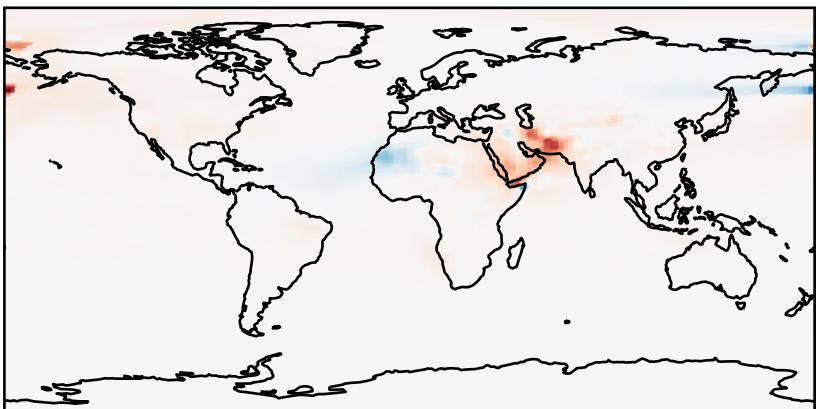
GCHP_12.7.0 (Ref)
c48



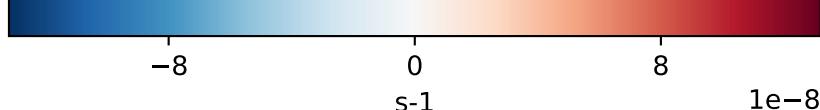
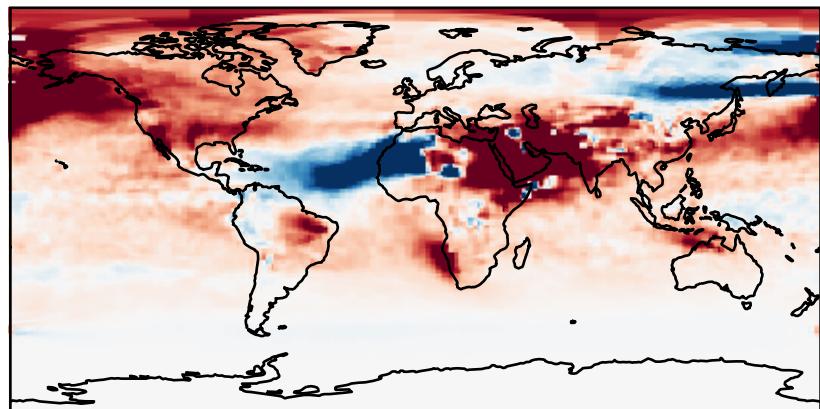
GCHP_12.8.0 (Dev)
c48



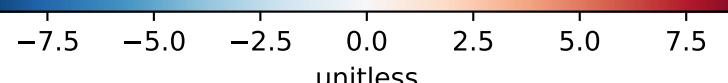
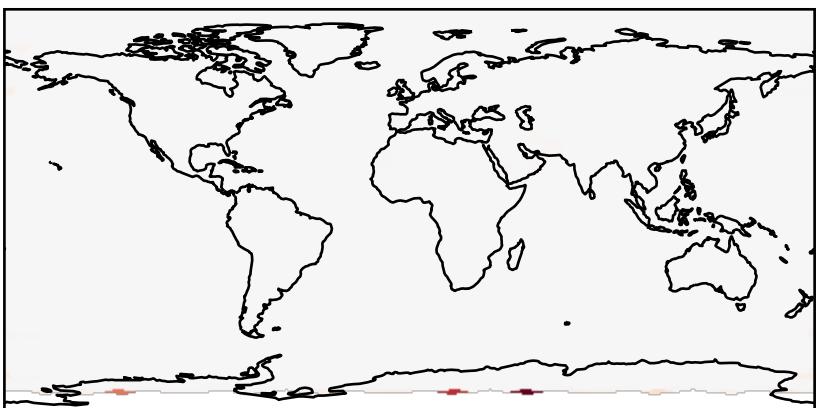
Difference (1x1.25)
Dev - Ref, Dynamic Range



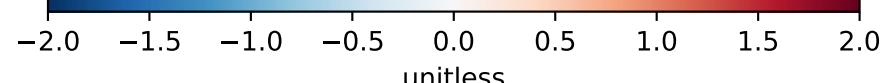
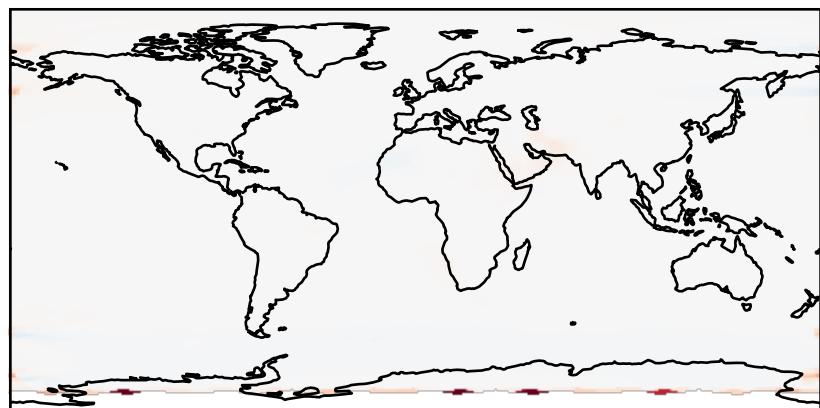
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

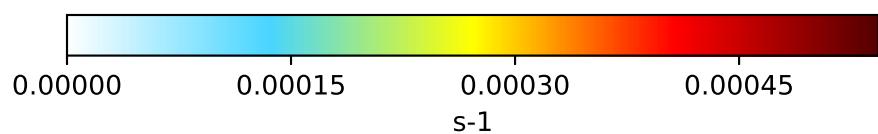
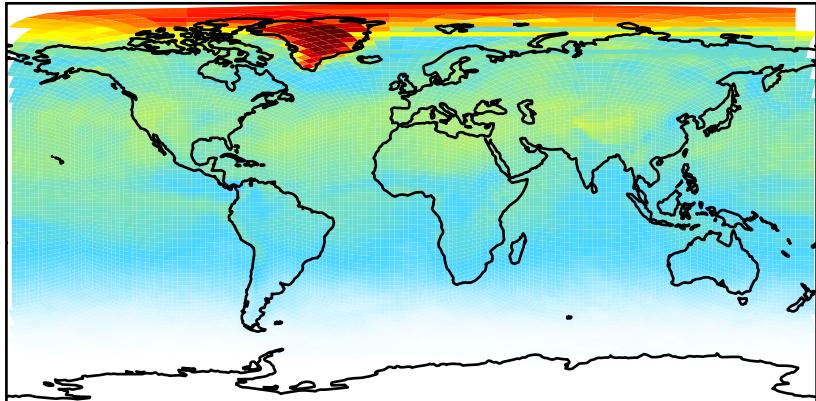


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

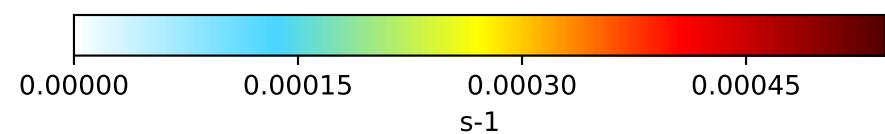
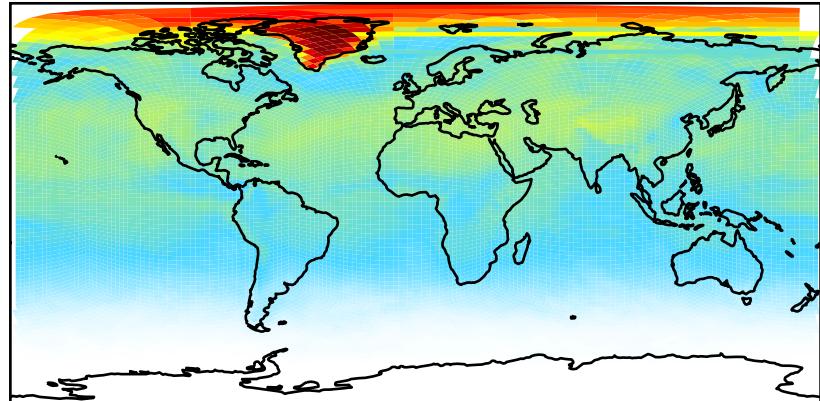


Jval_0303P

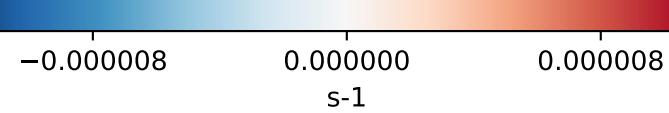
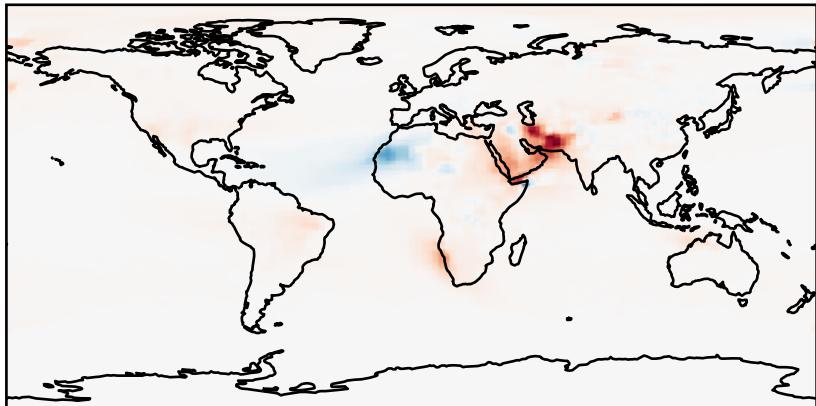
GCHP_12.7.0 (Ref)
c48



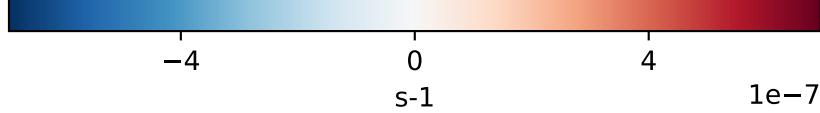
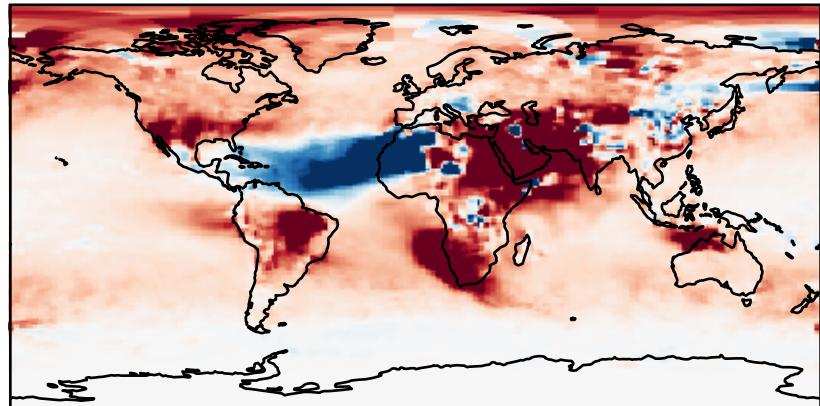
GCHP_12.8.0 (Dev)
c48



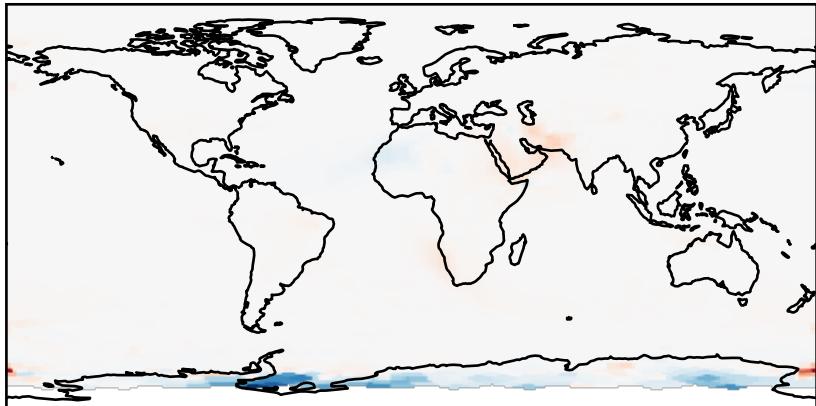
Difference (1x1.25)
Dev - Ref, Dynamic Range



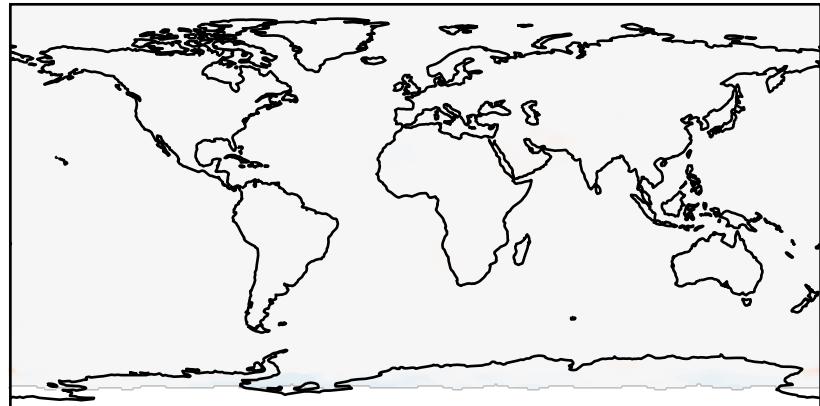
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

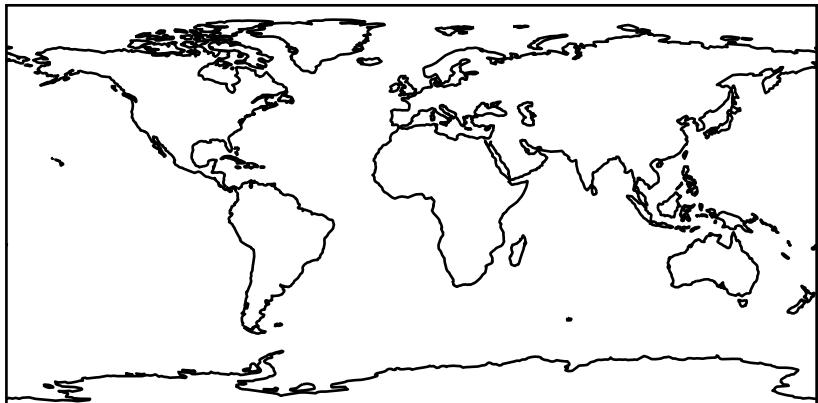


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



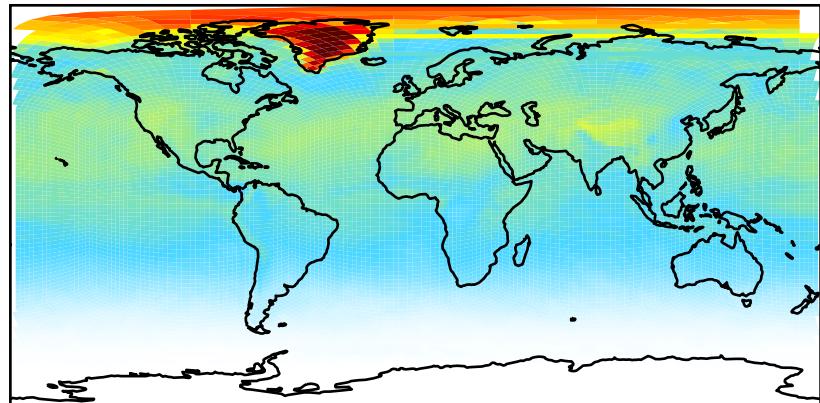
Jval_OCLO

GCHP_12.7.0 (Ref)
c48



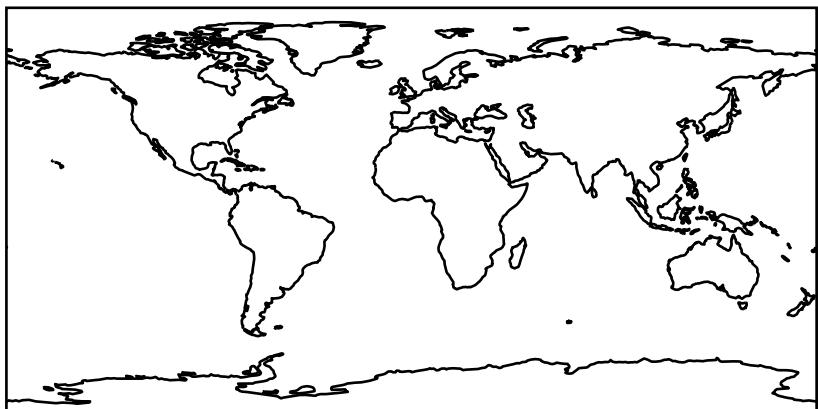
Undefined throughout domain
s-1

GCHP_12.8.0 (Dev)
c48



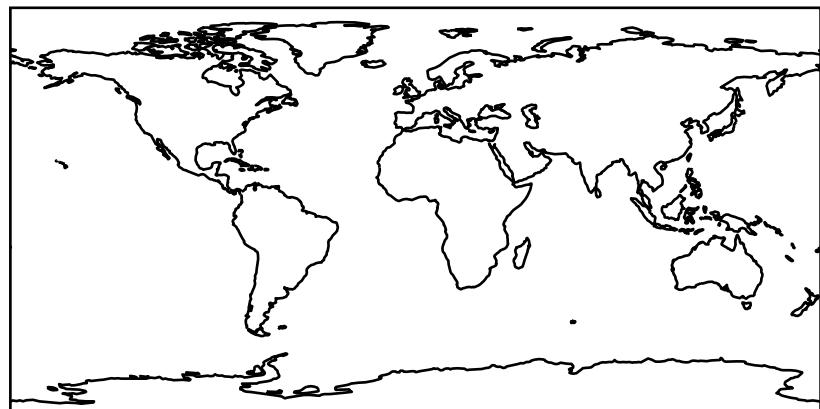
0.000 0.025 0.050 0.075
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



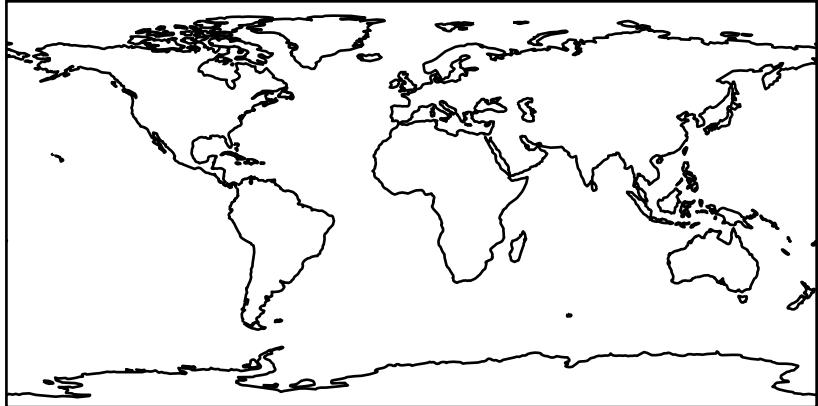
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



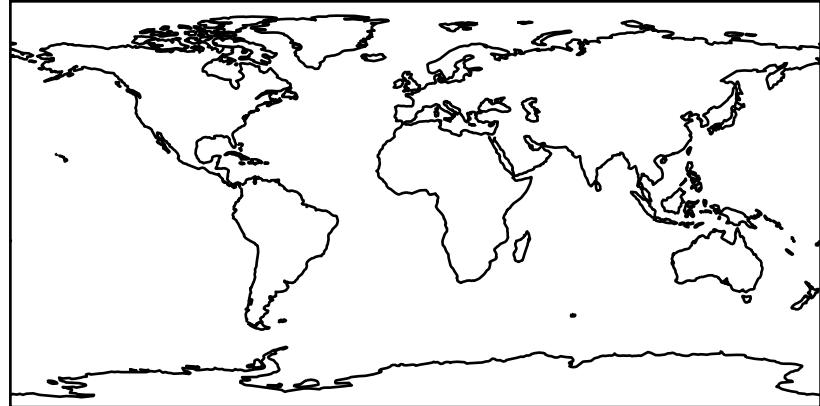
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s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



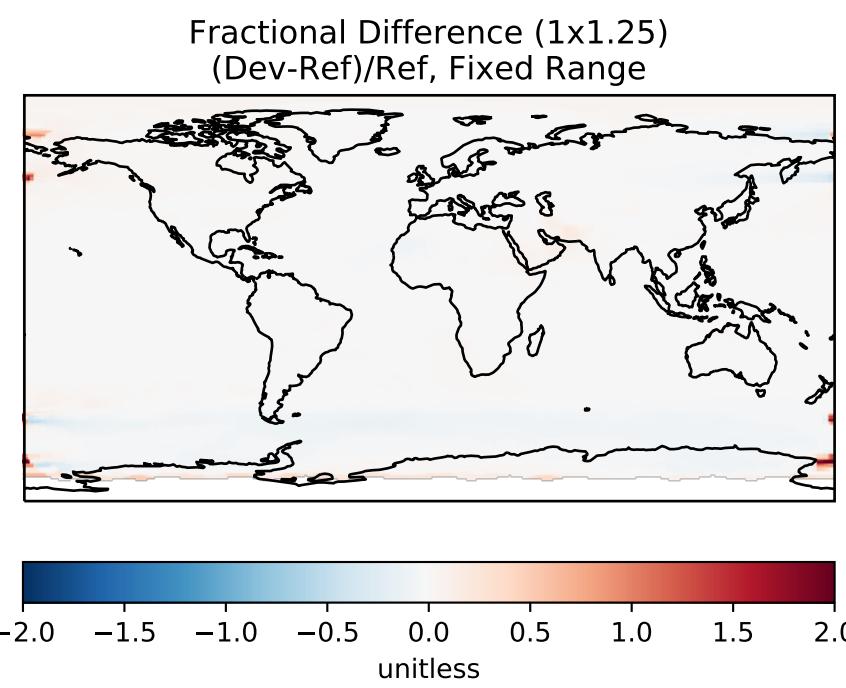
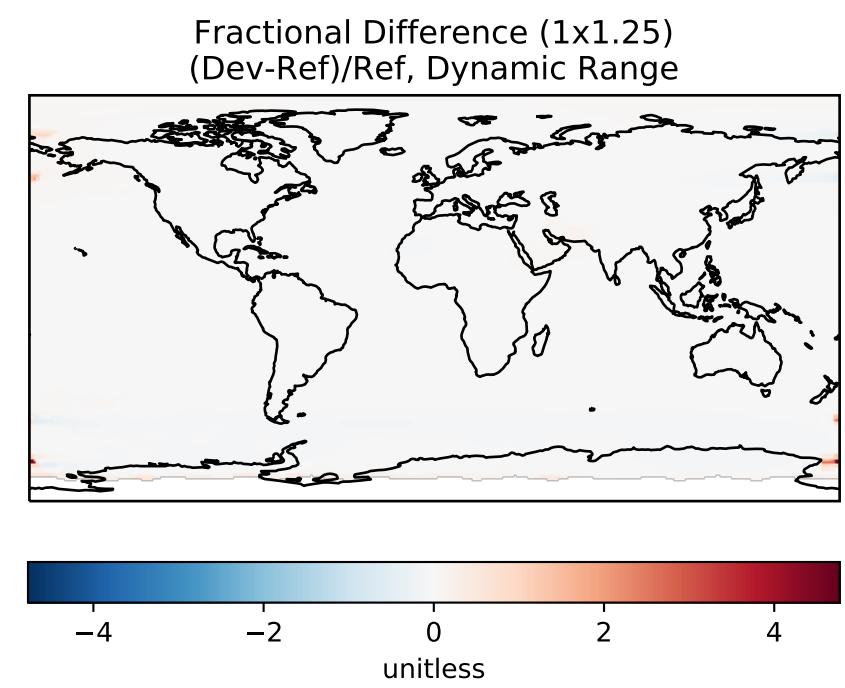
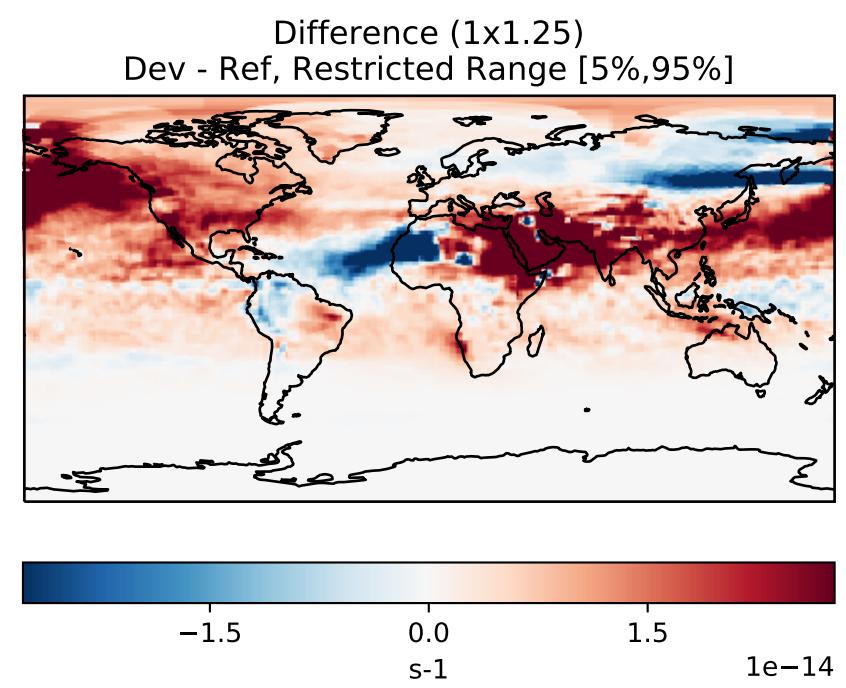
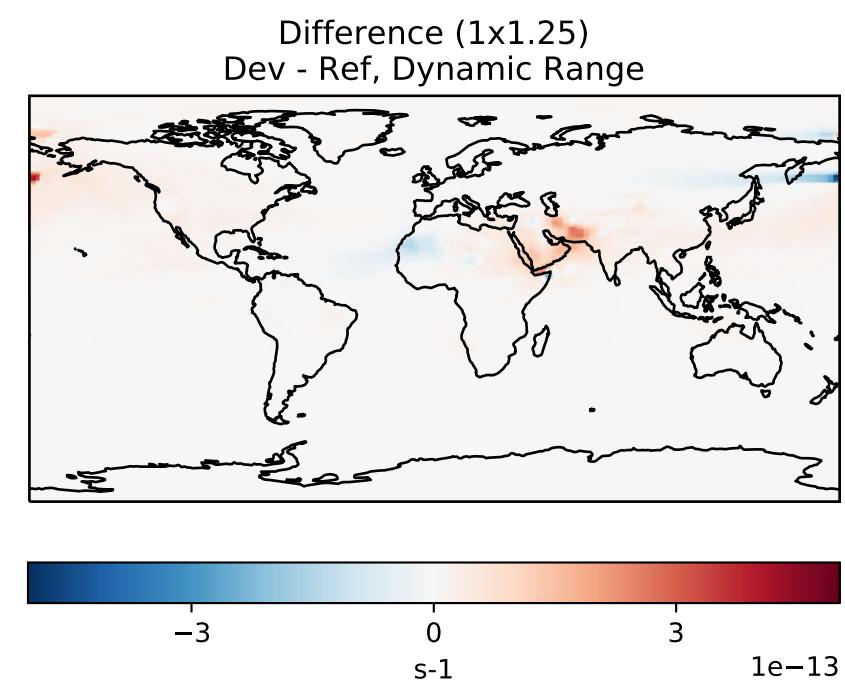
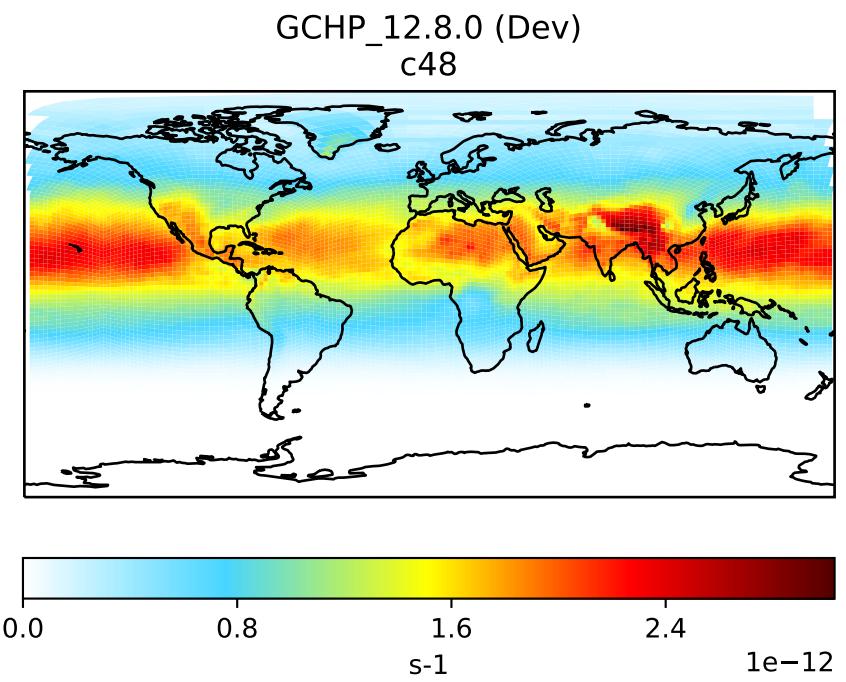
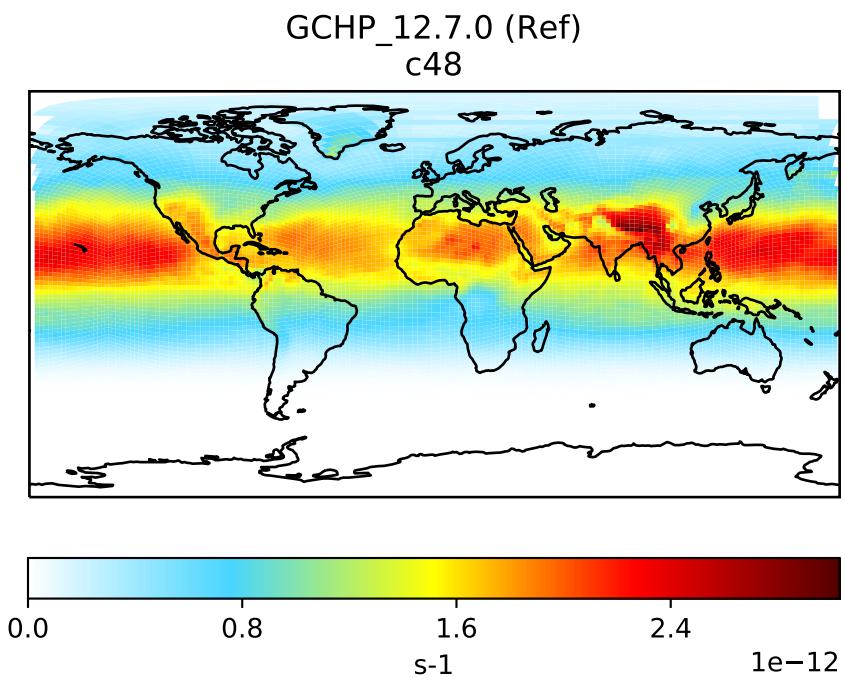
Undefined throughout domain
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



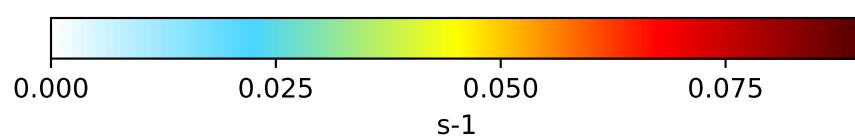
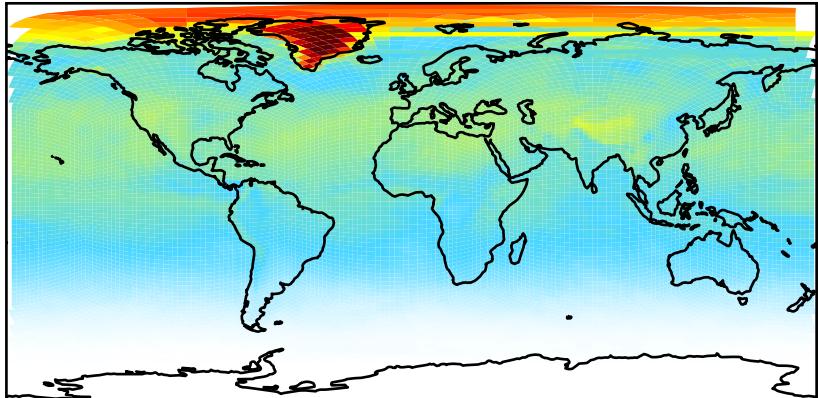
Undefined throughout domain
unitless

Jval_OCS

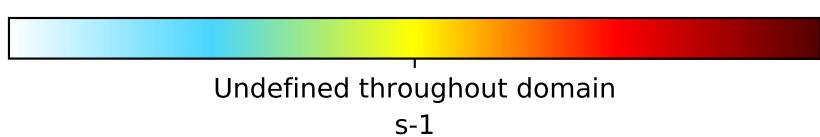
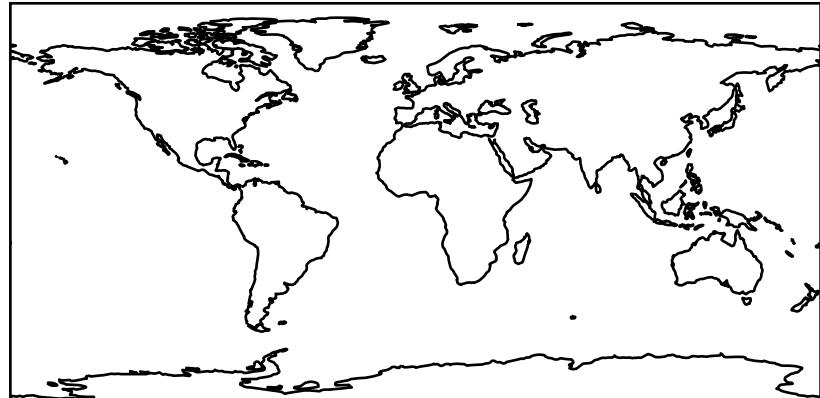


Jval_OCIO

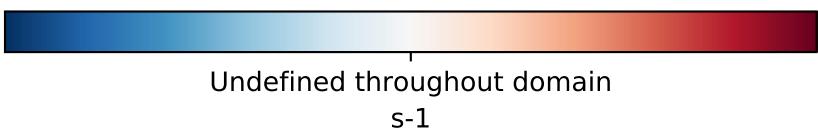
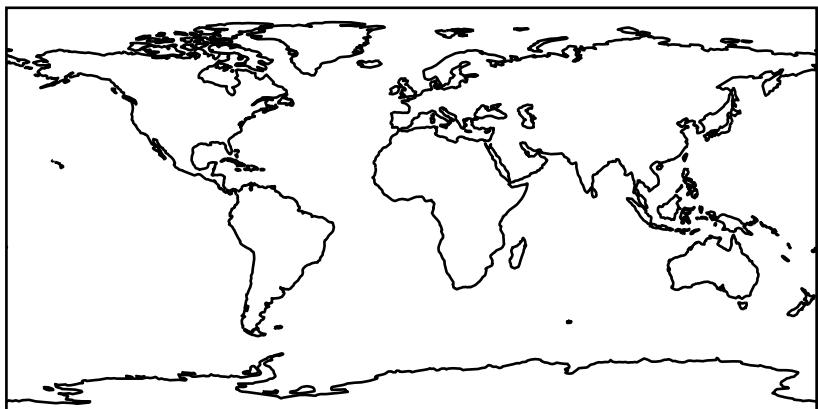
GCHP_12.7.0 (Ref)
c48



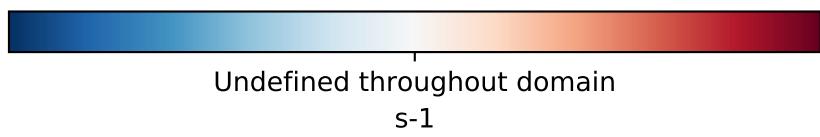
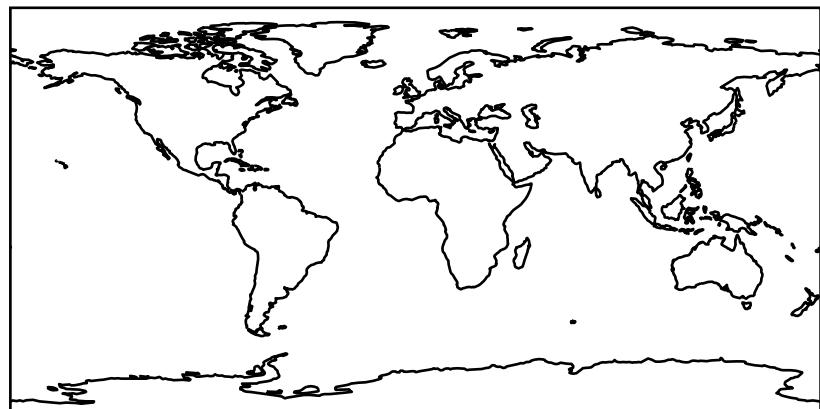
GCHP_12.8.0 (Dev)
c48



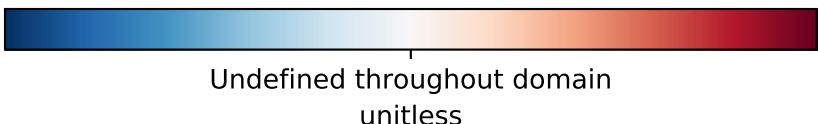
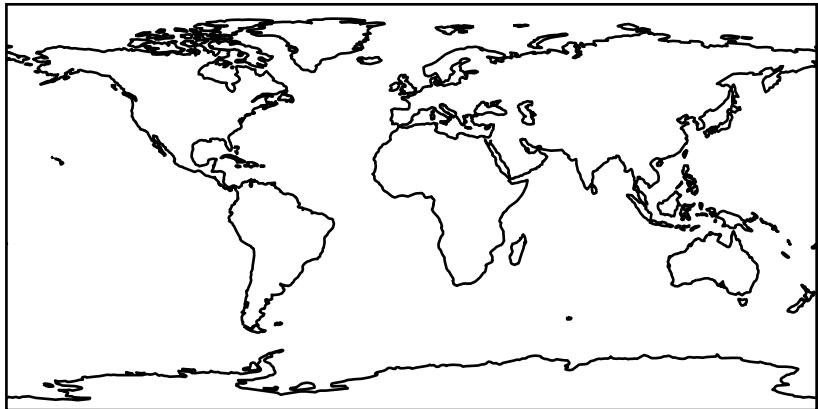
Difference (1x1.25)
Dev - Ref, Dynamic Range



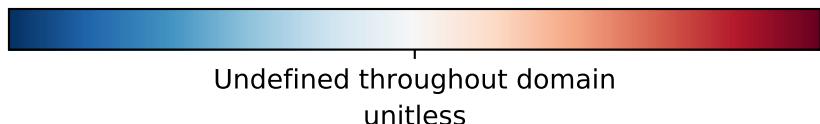
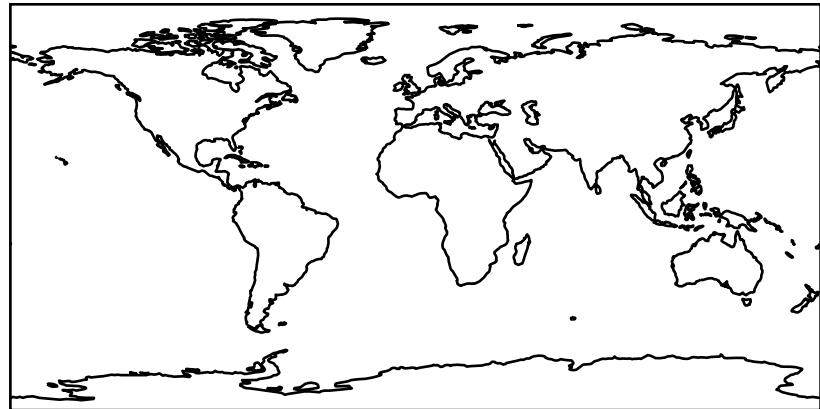
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

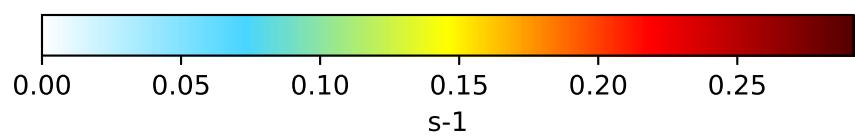
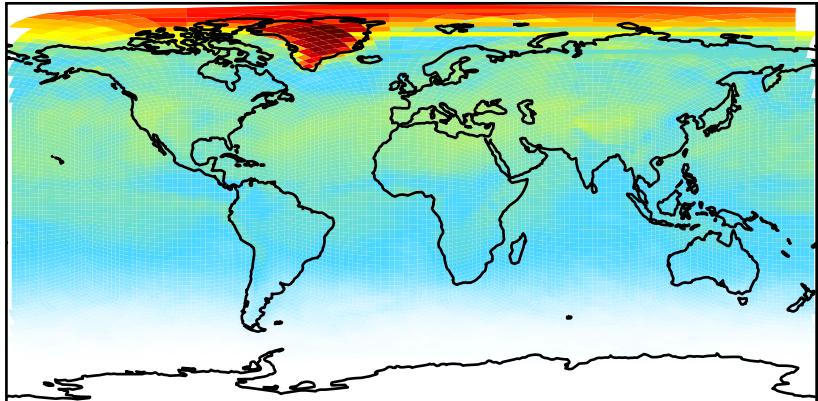


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

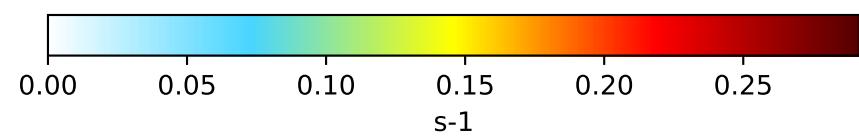
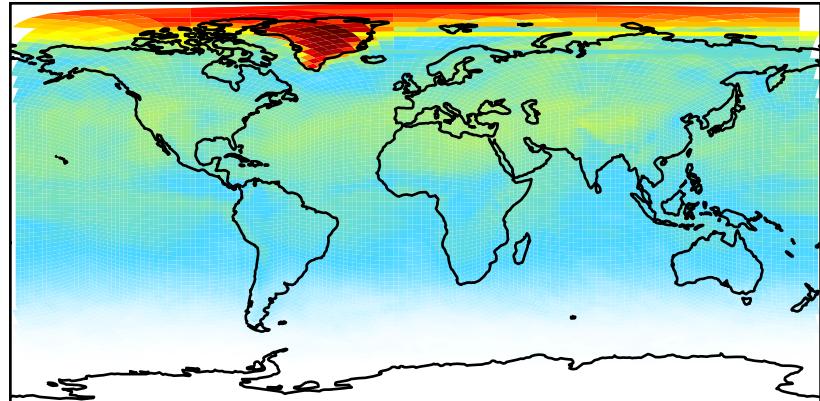


Jval_OIO

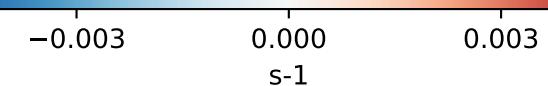
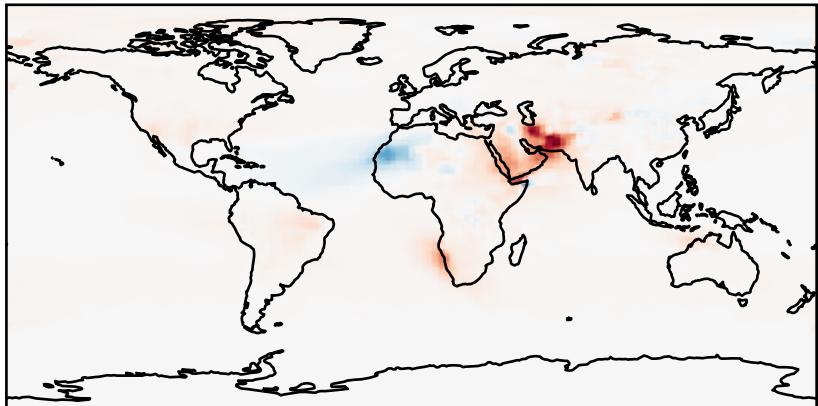
GCHP_12.7.0 (Ref)
c48



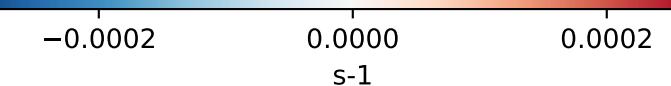
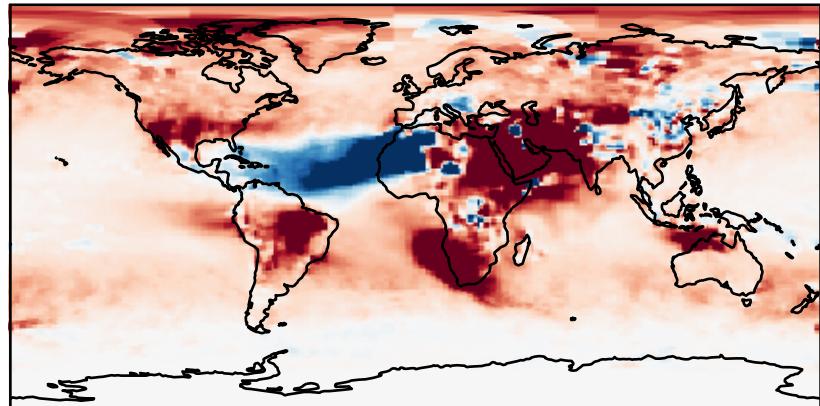
GCHP_12.8.0 (Dev)
c48



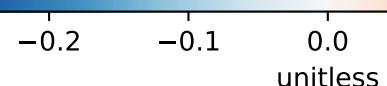
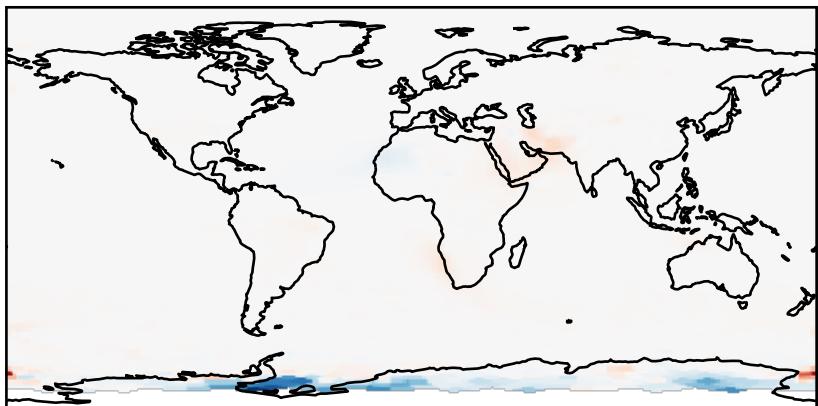
Difference (1x1.25)
Dev - Ref, Dynamic Range



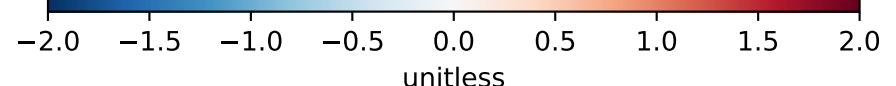
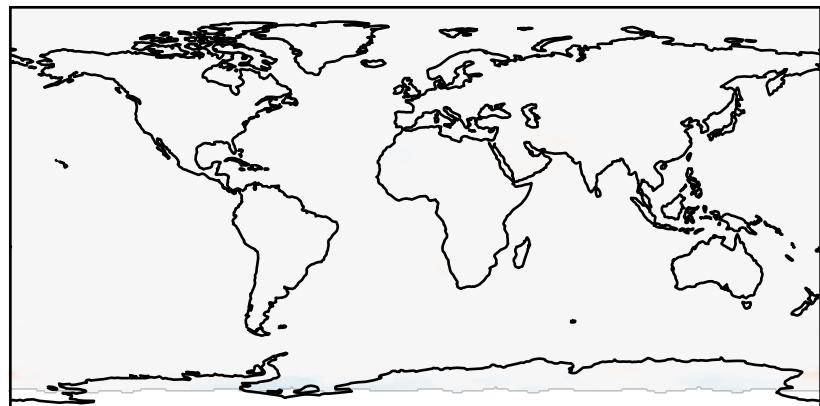
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

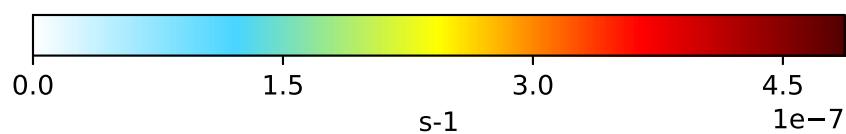
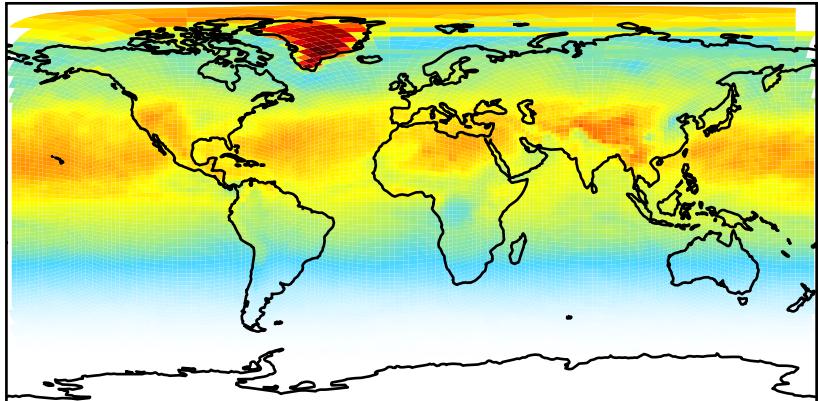


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

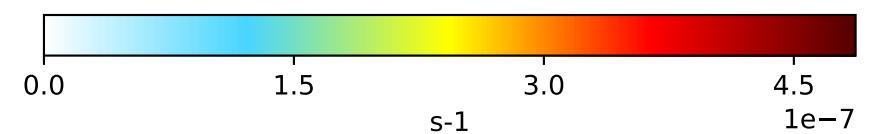
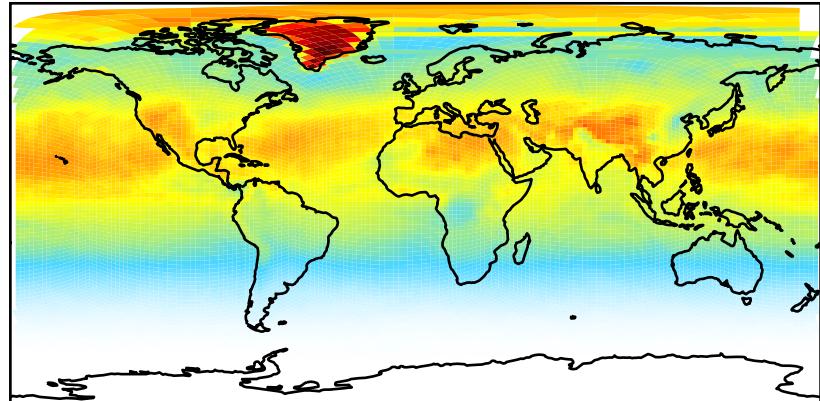


Jval_PAN

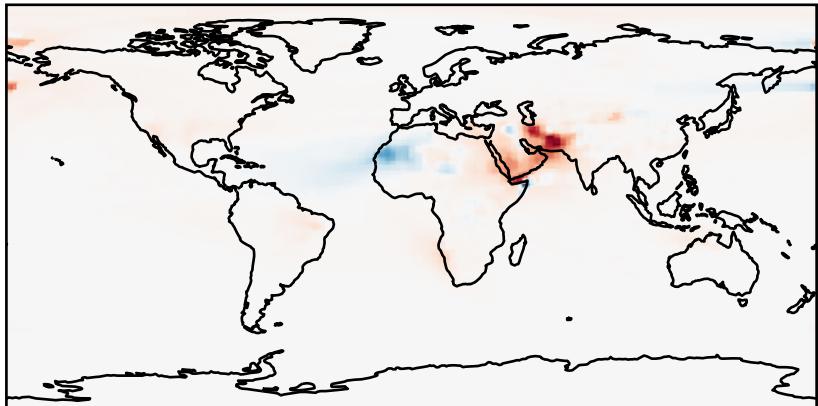
GCHP_12.7.0 (Ref)
c48



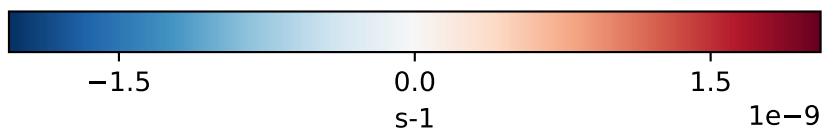
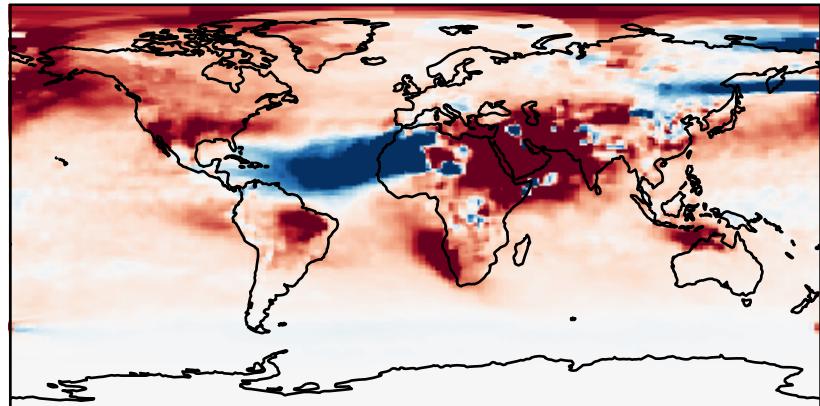
GCHP_12.8.0 (Dev)
c48



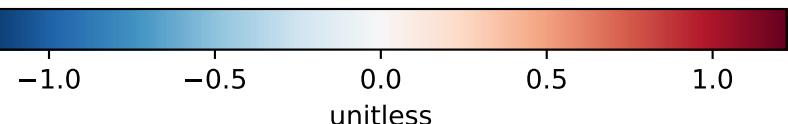
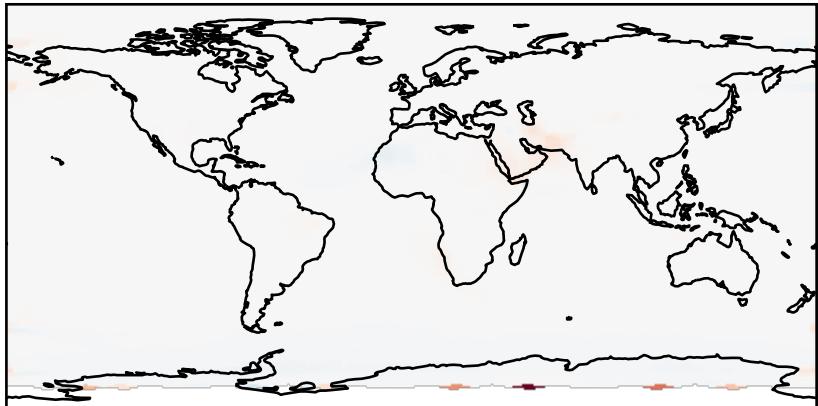
Difference (1x1.25)
Dev - Ref, Dynamic Range



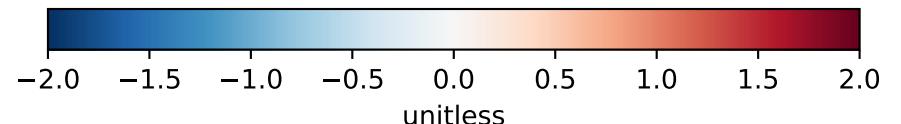
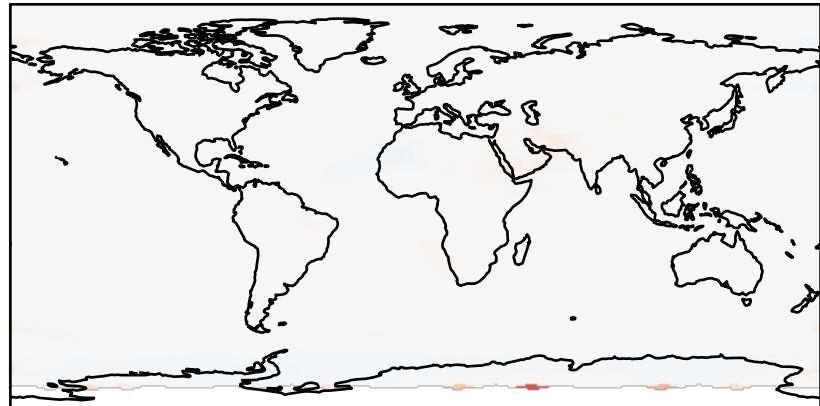
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



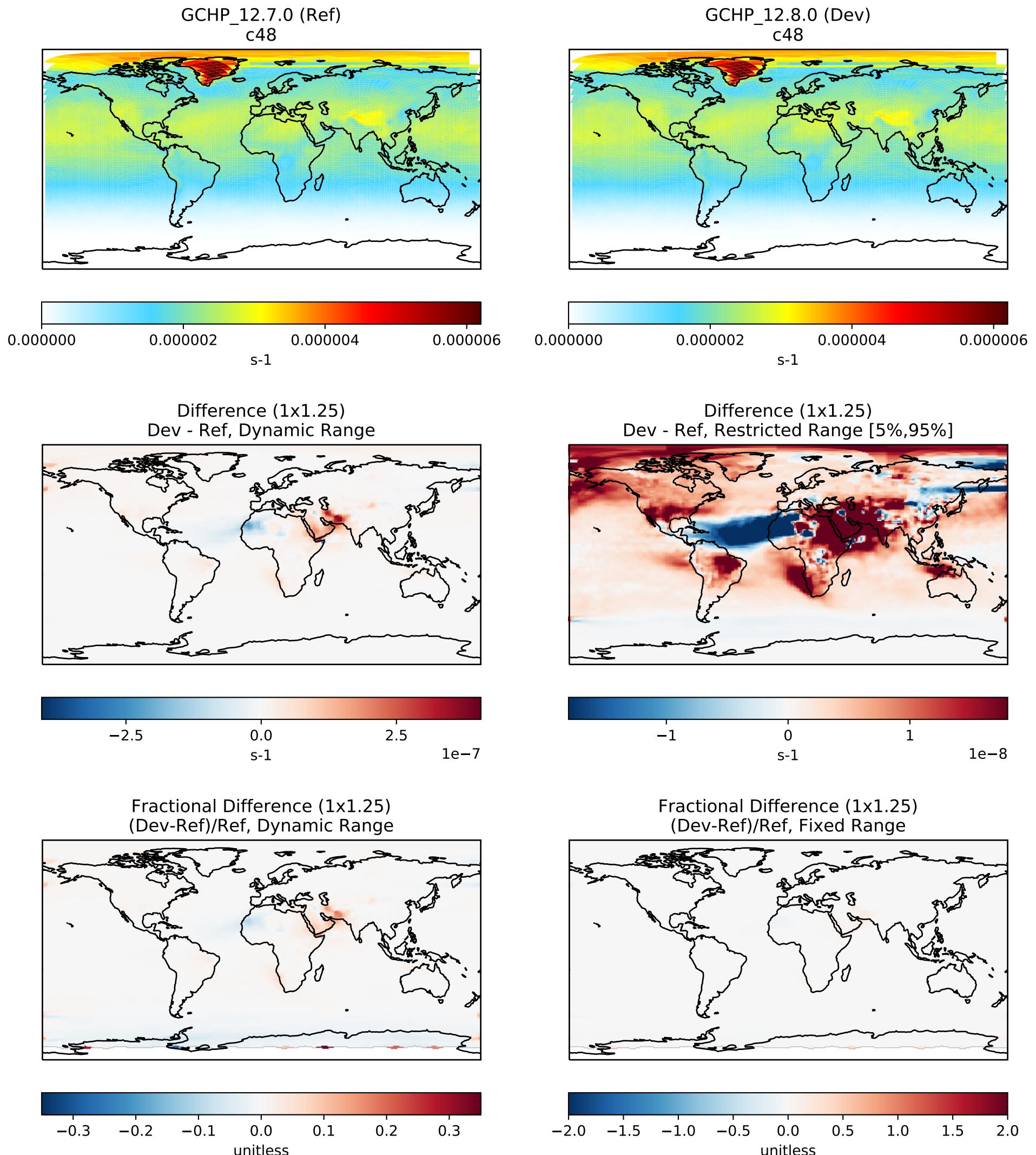
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



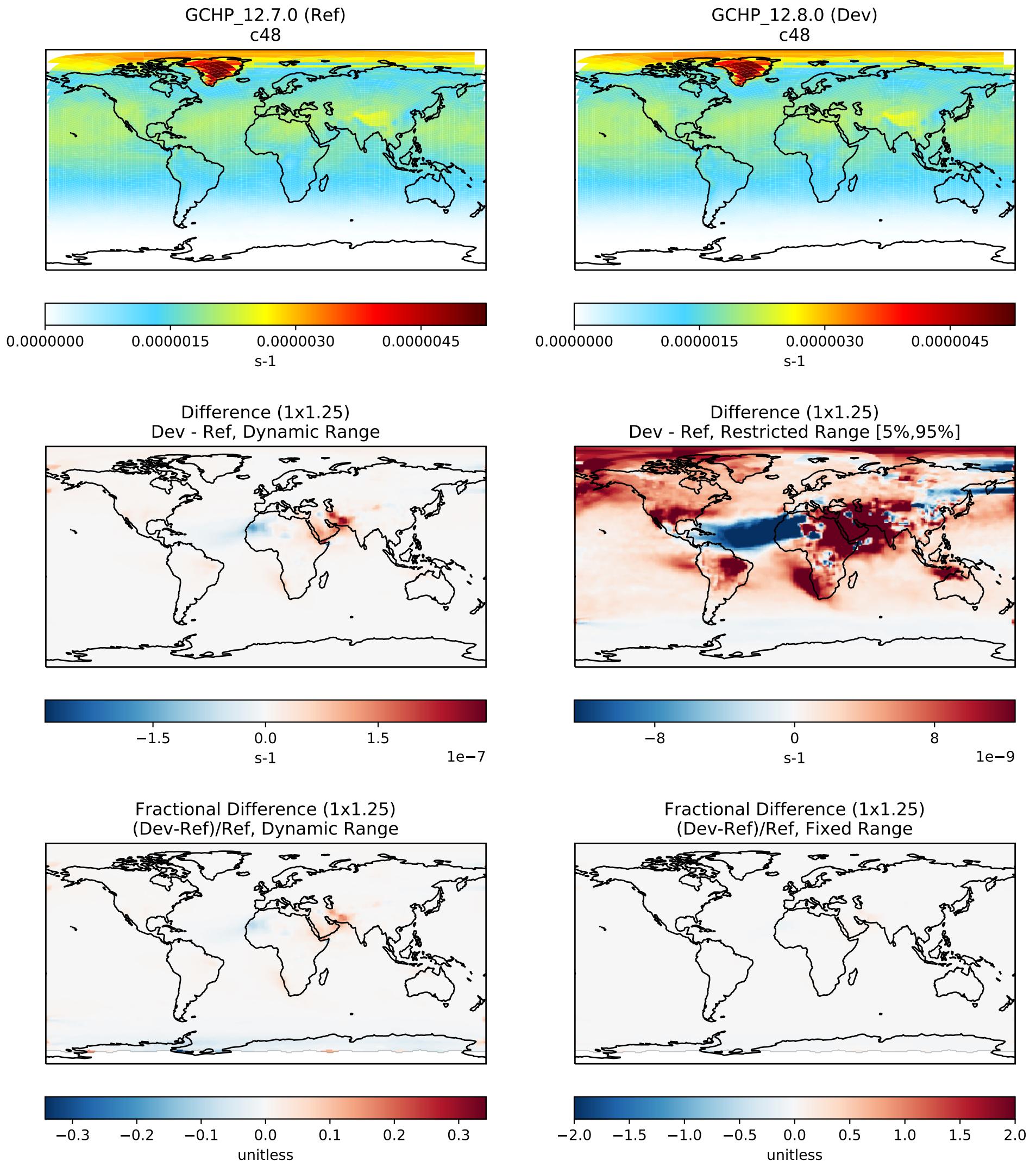
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Jval_PIP

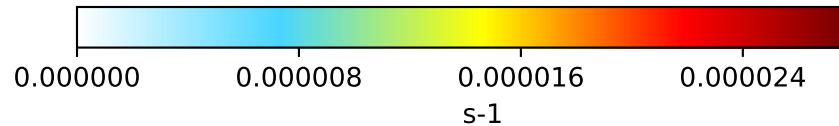
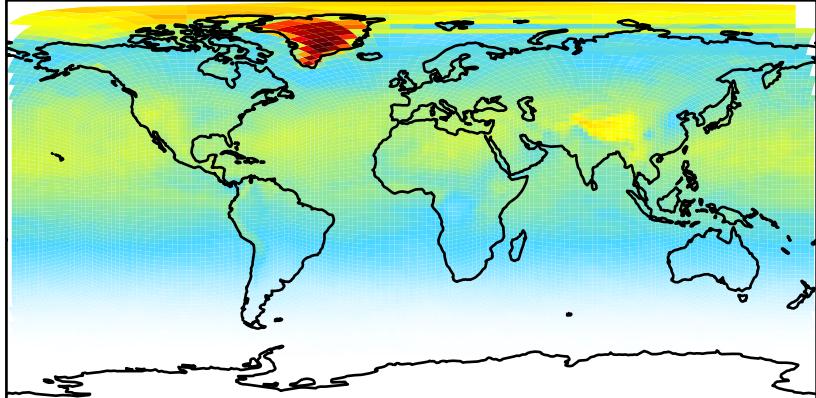


Jval_PP

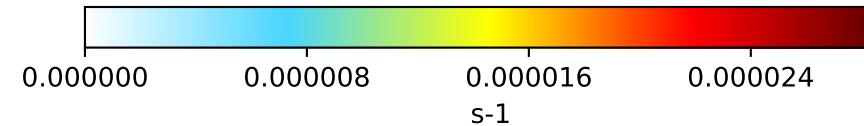
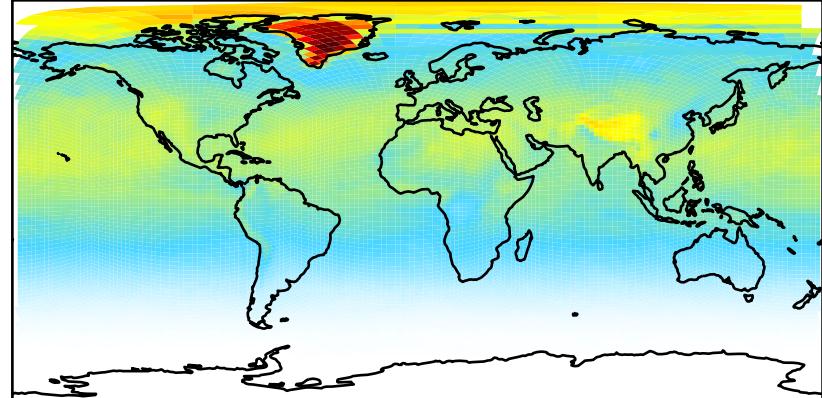


Jval_PROPNN

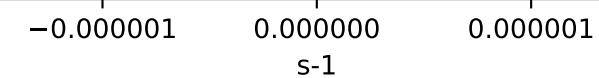
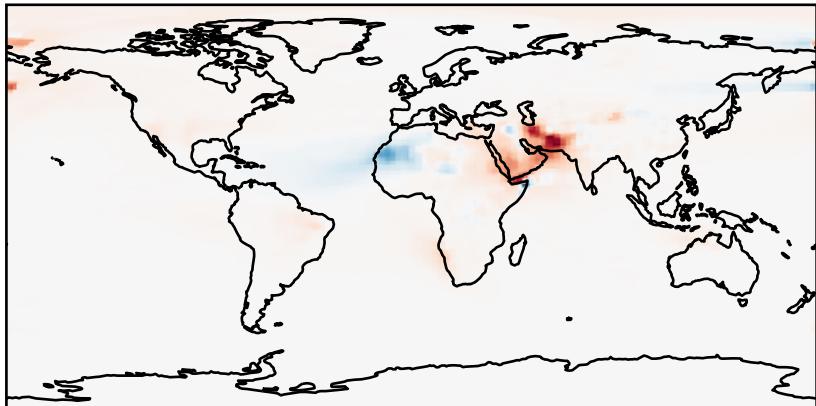
GCHP_12.7.0 (Ref)
c48



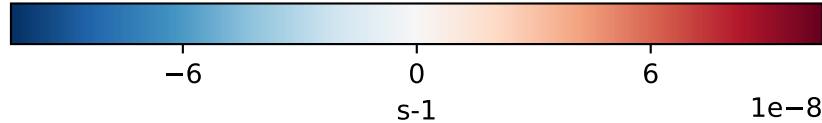
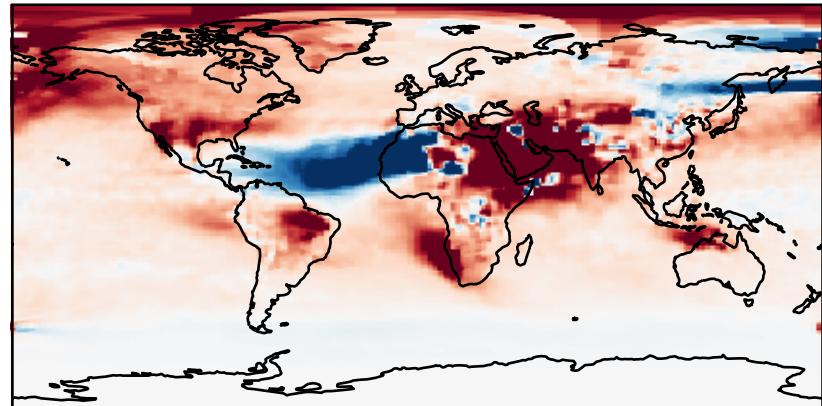
GCHP_12.8.0 (Dev)
c48



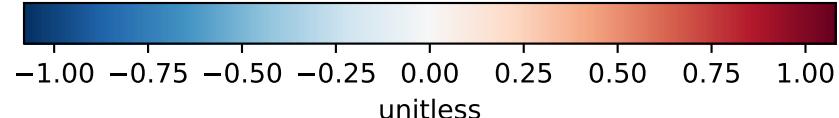
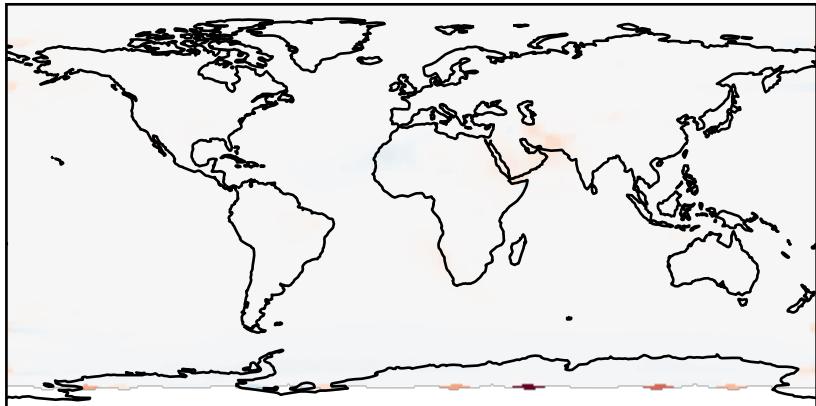
Difference (1x1.25)
Dev - Ref, Dynamic Range



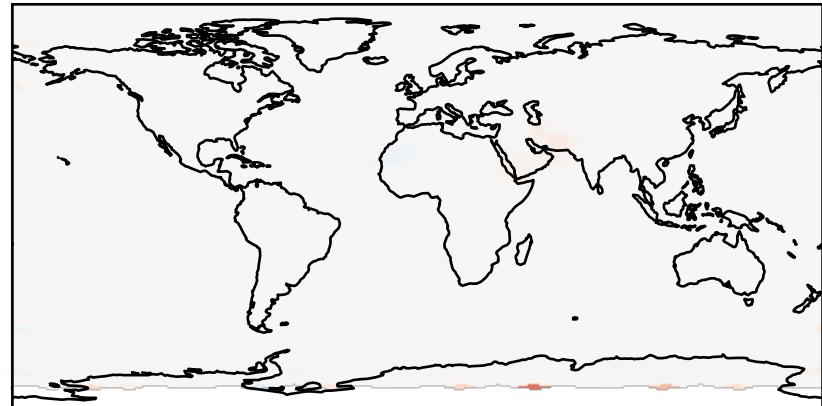
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



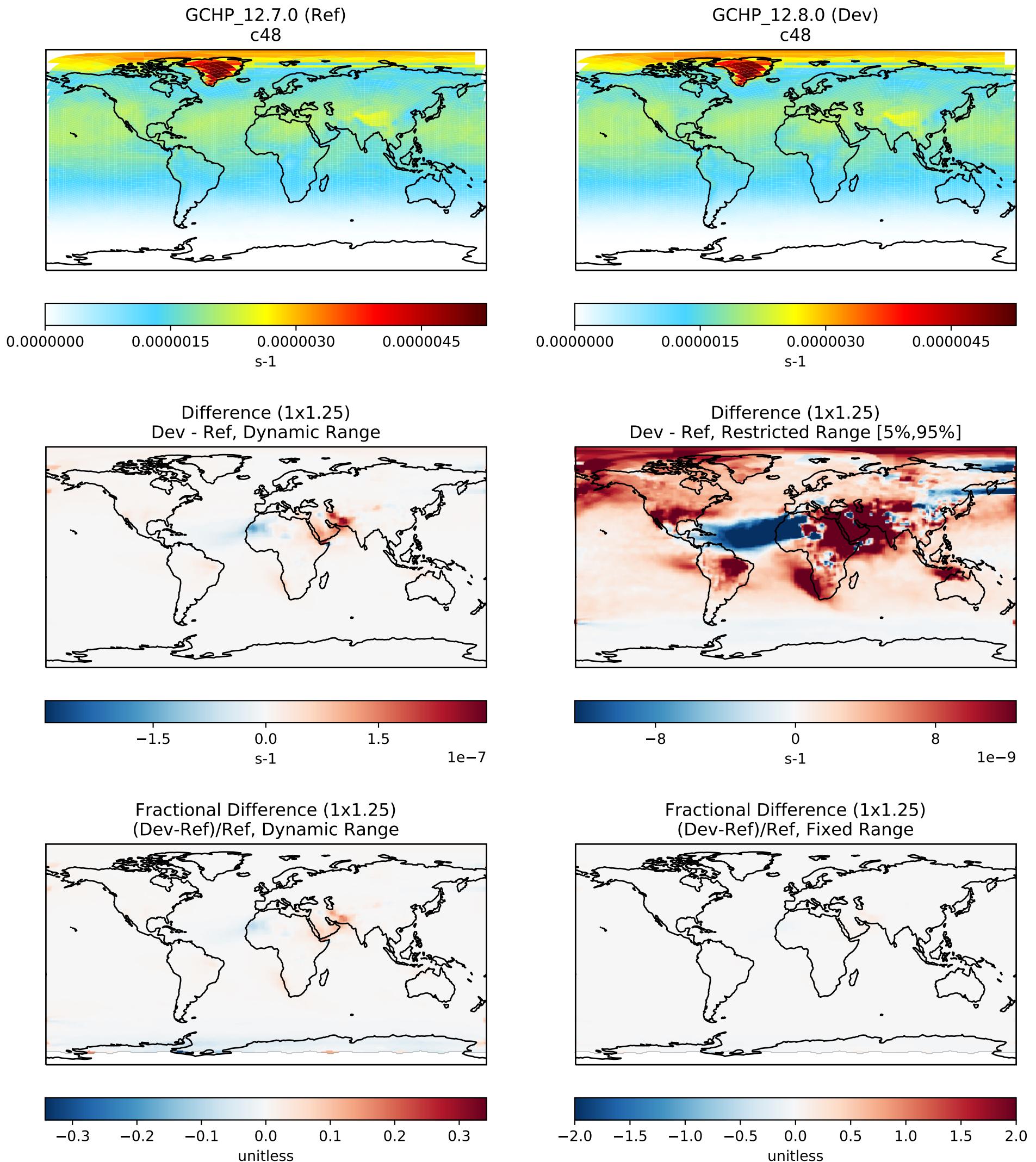
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



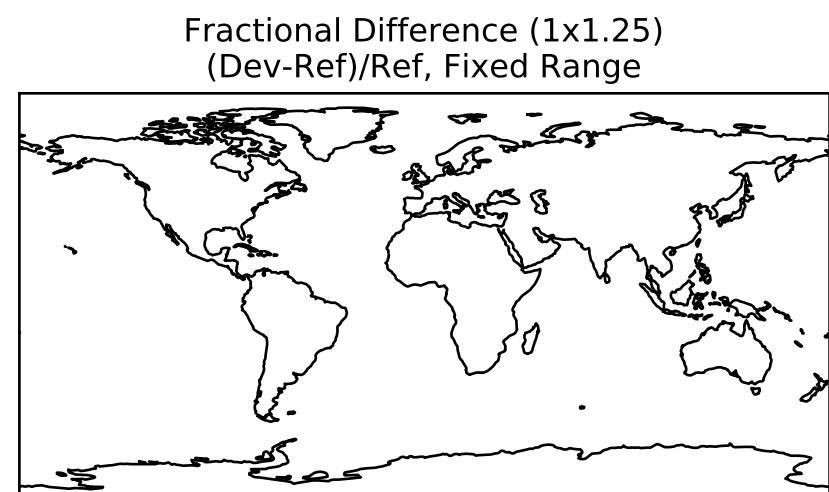
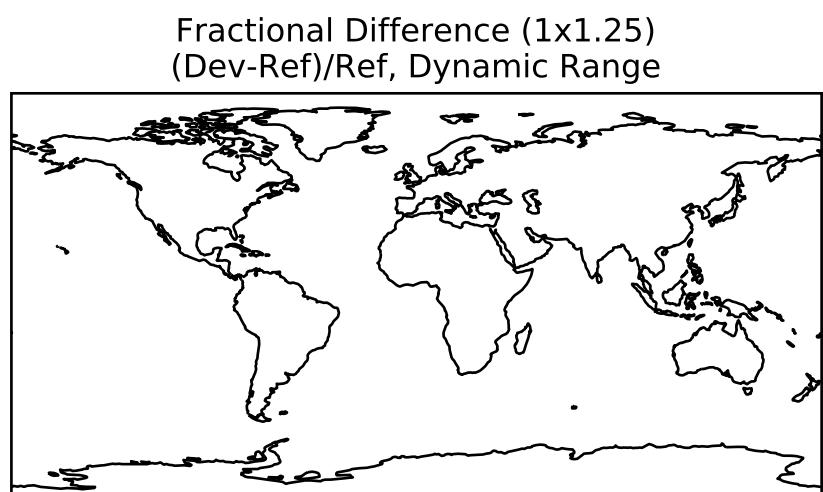
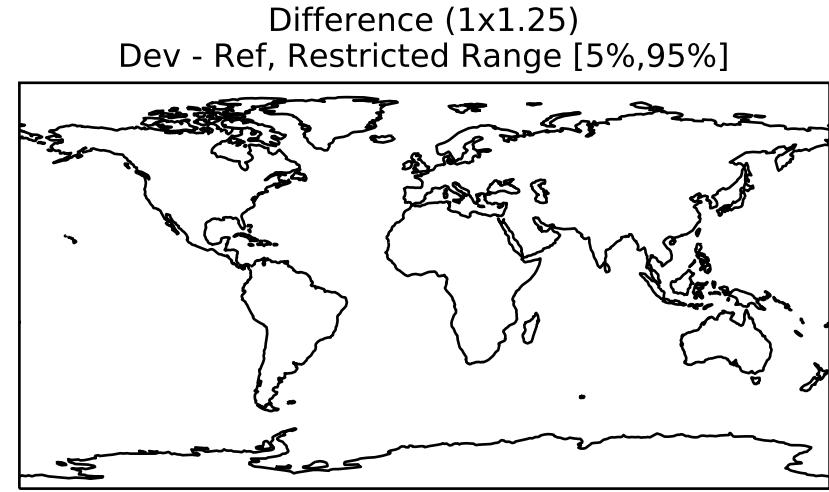
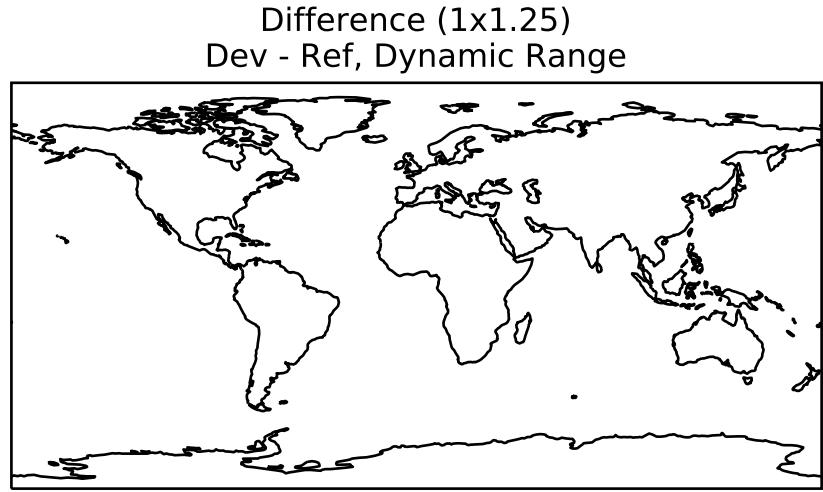
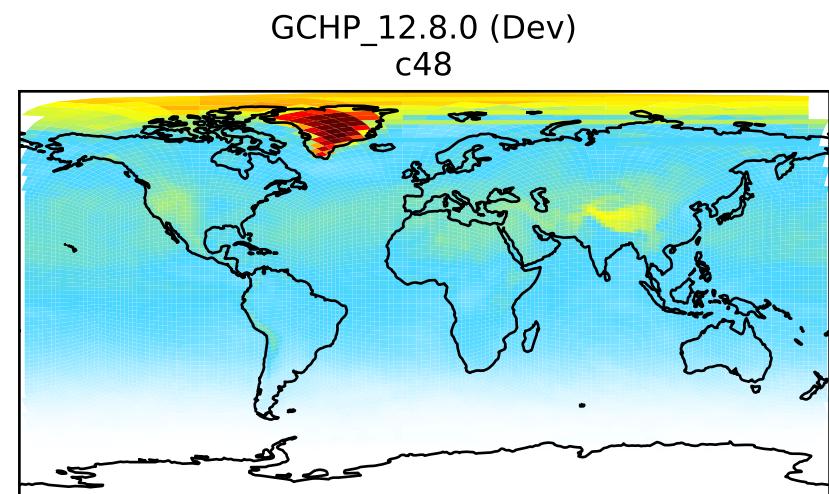
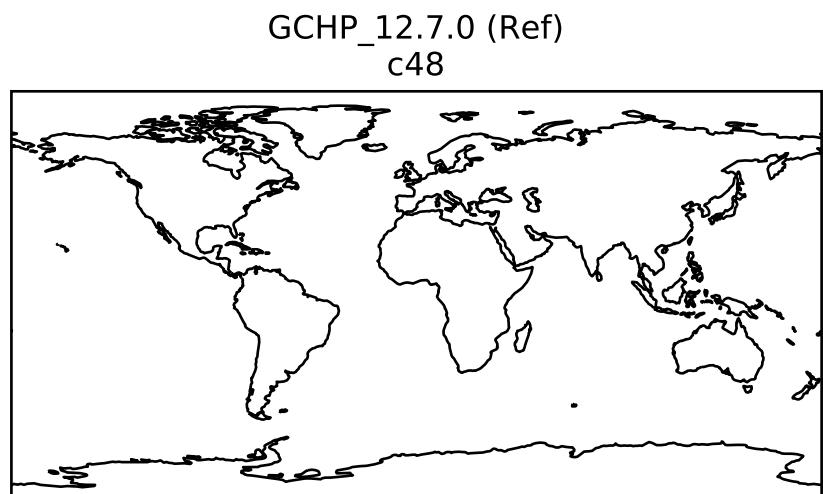
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Jval_PRPN

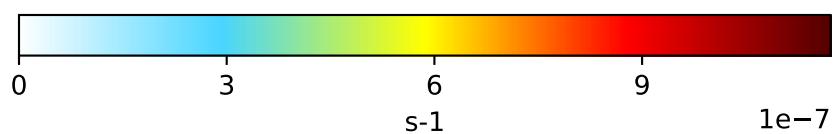
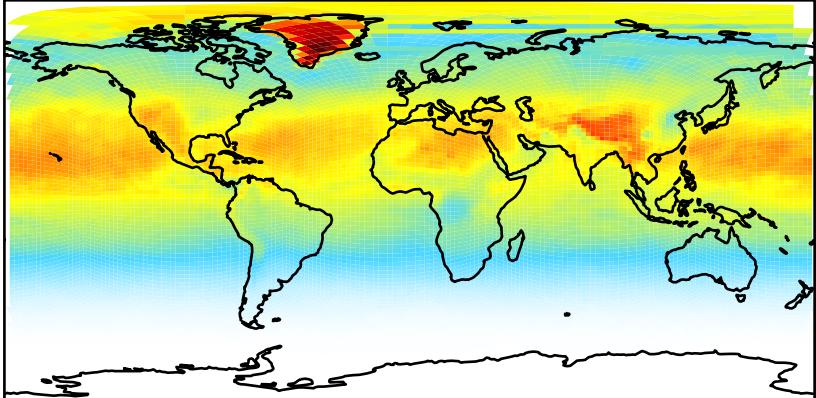


Jval_PYAC

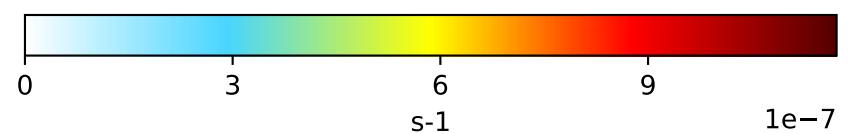
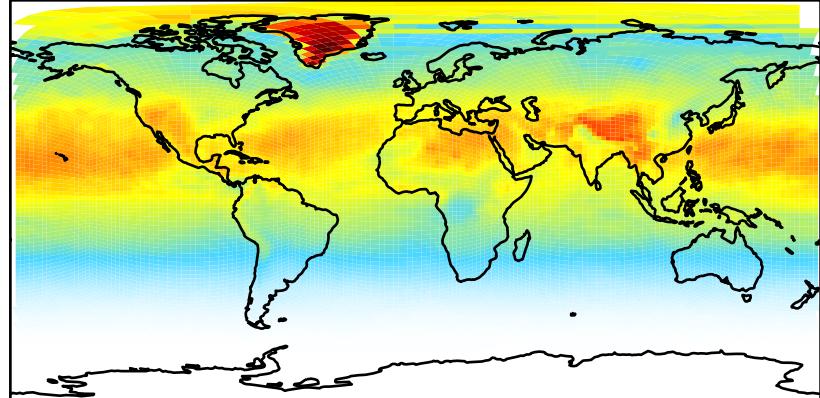


Jval_R4N2

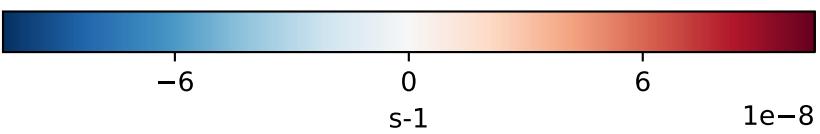
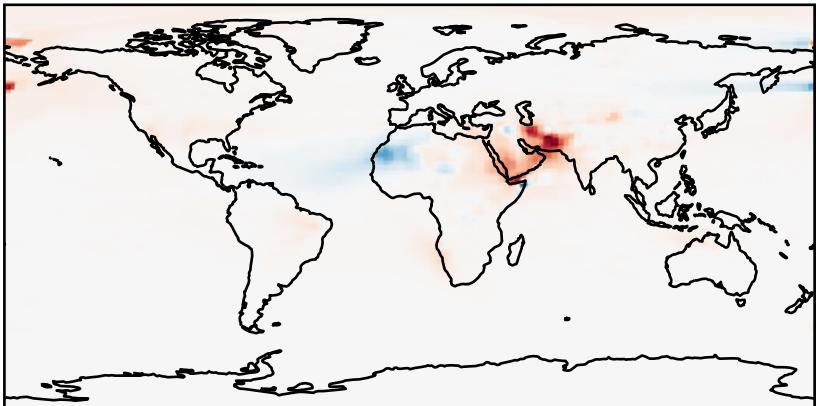
GCHP_12.7.0 (Ref)
c48



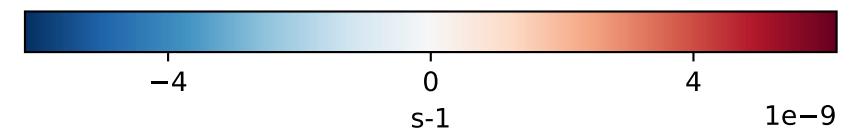
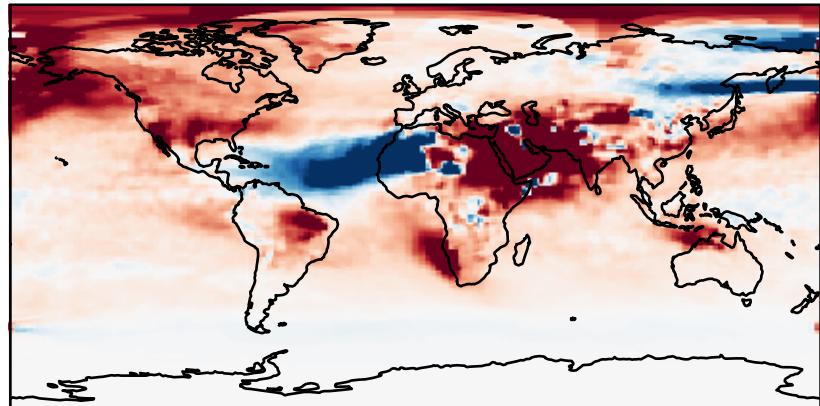
GCHP_12.8.0 (Dev)
c48



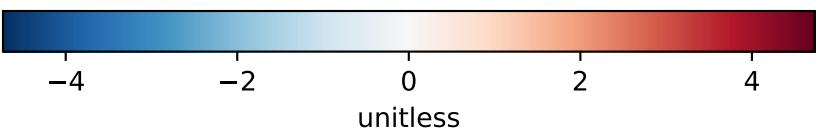
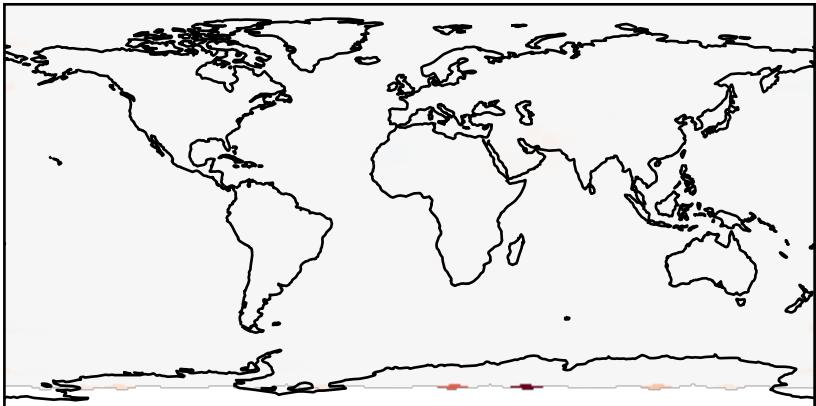
Difference (1x1.25)
Dev - Ref, Dynamic Range



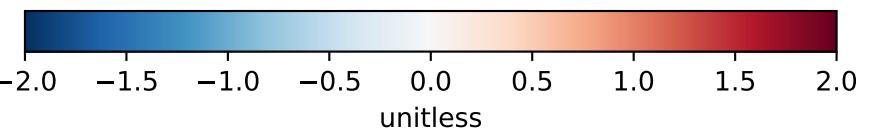
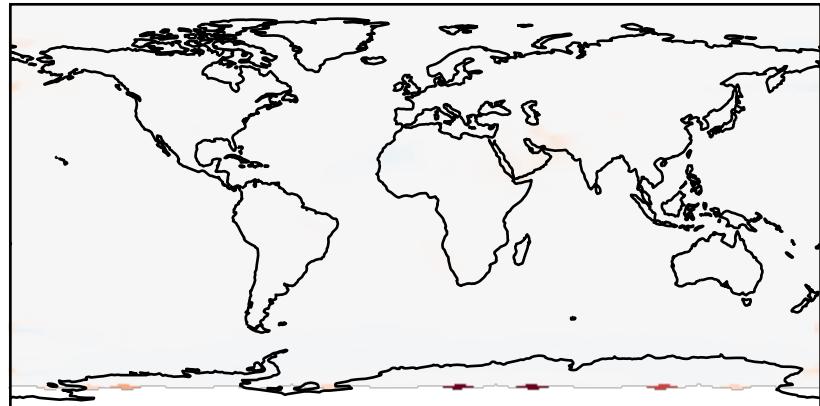
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



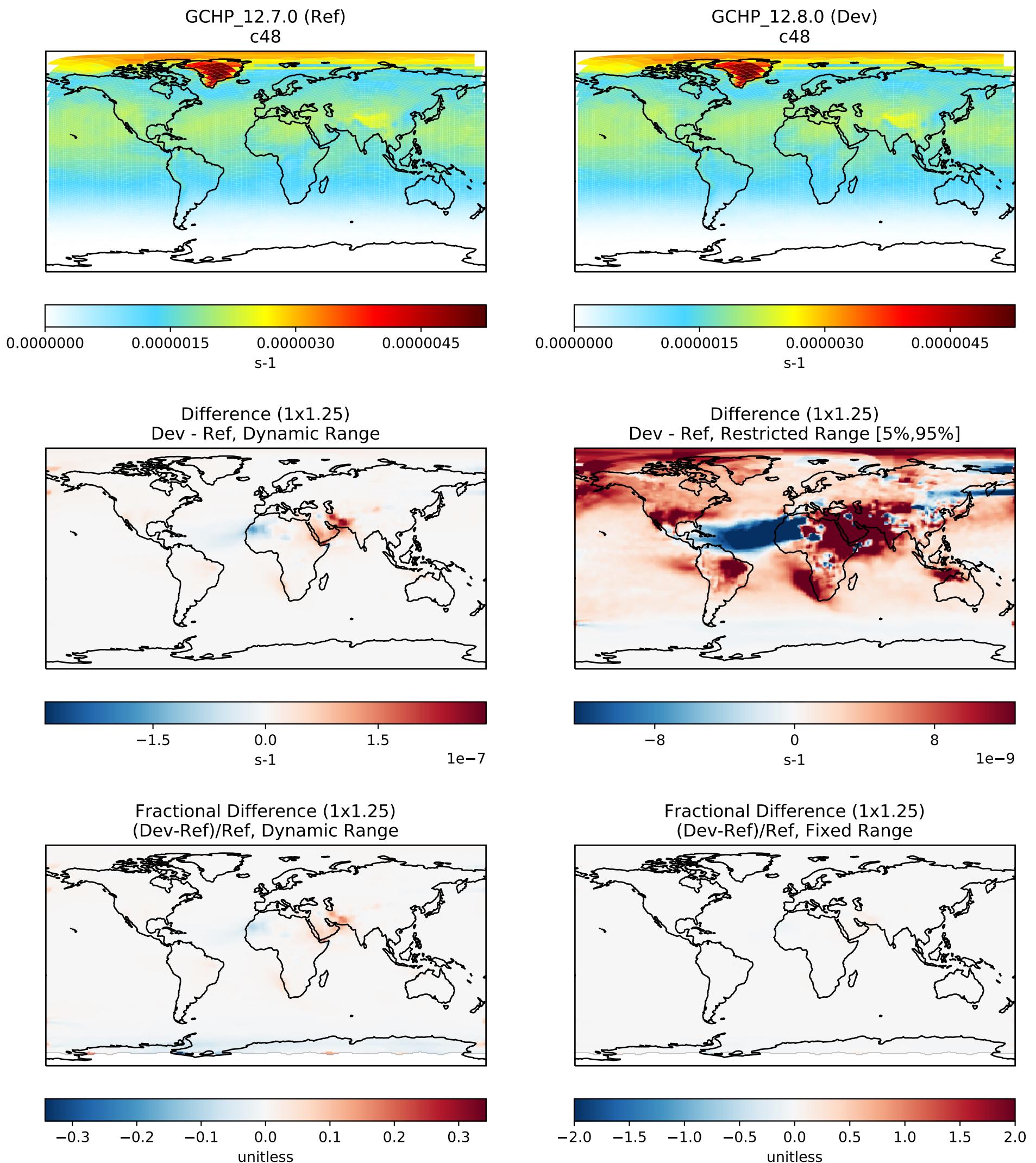
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



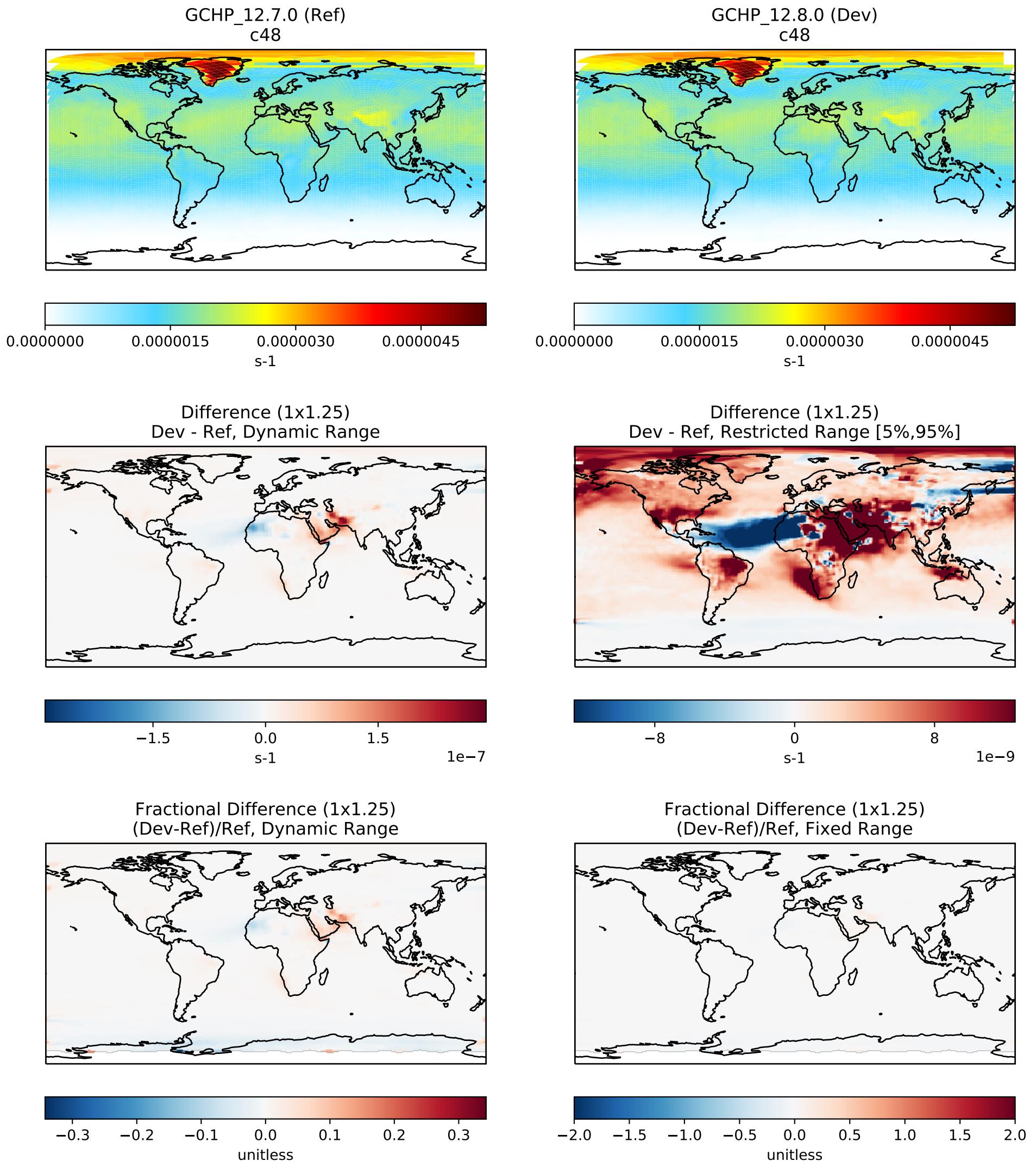
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



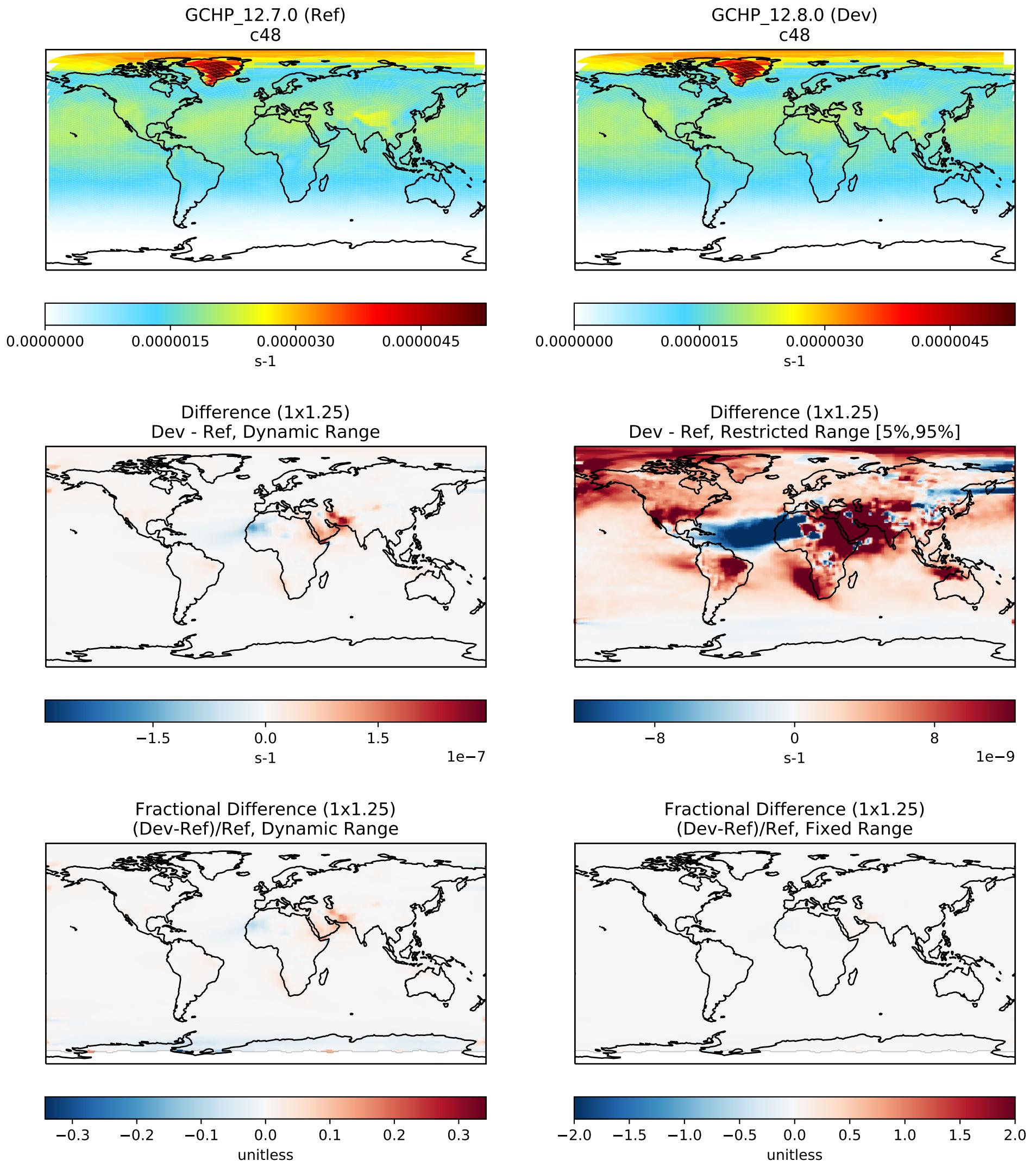
Jval_R4P



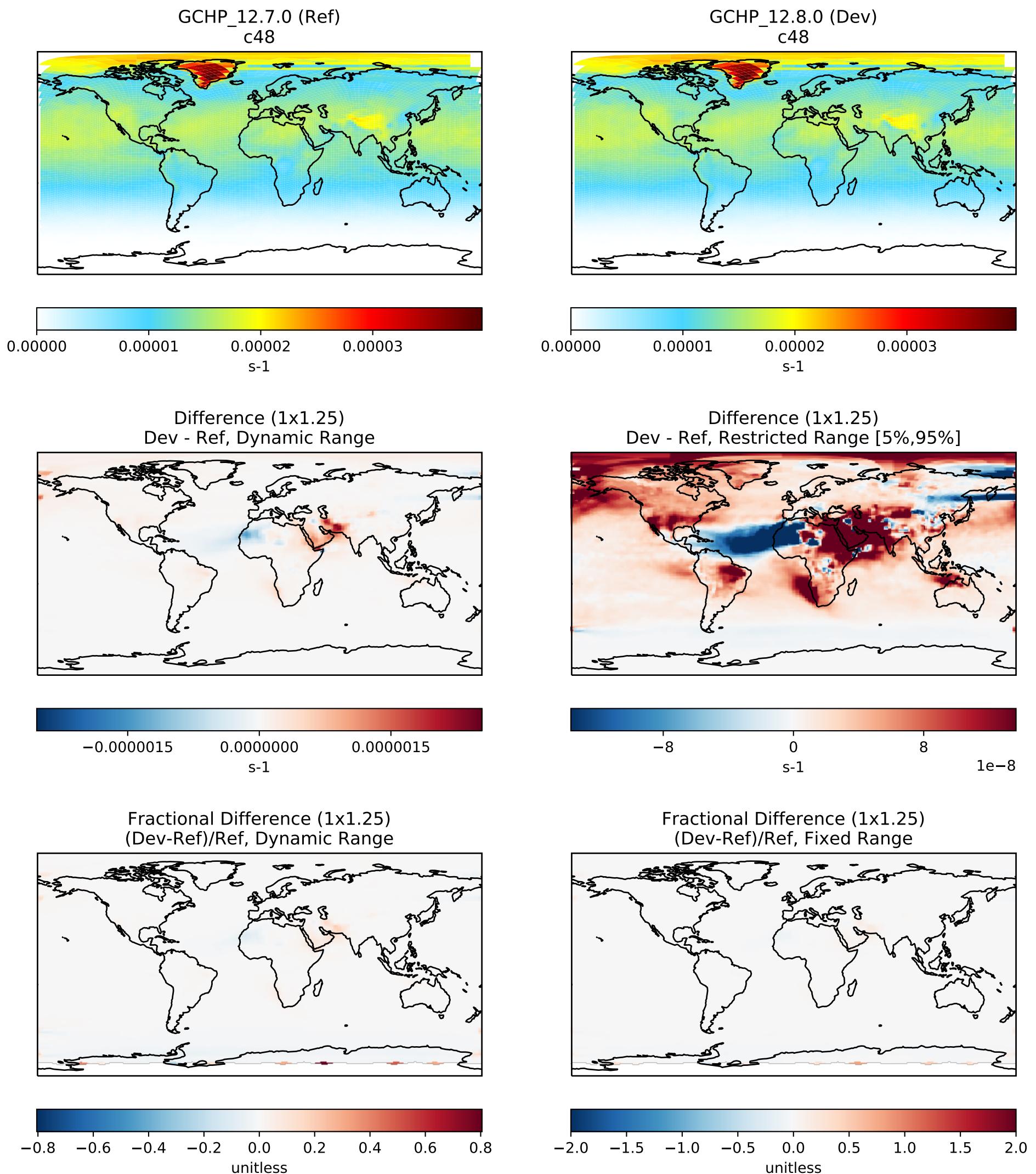
Jval_RA3P



Jval_RB3P



Jval_RCHO



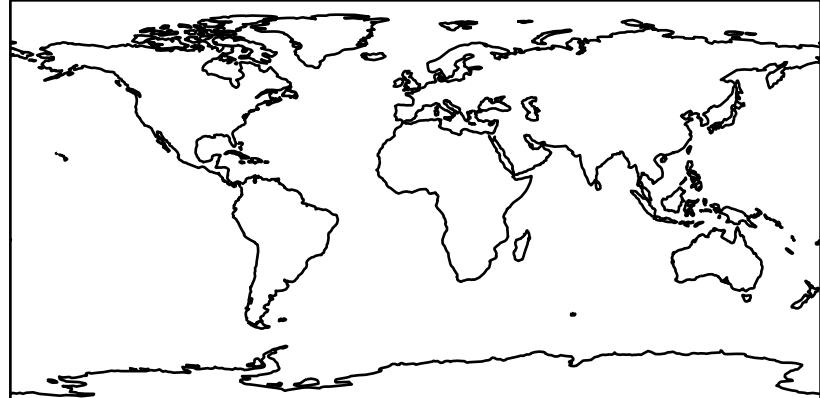
Jval_RIPA

GCHP_12.7.0 (Ref)
c48



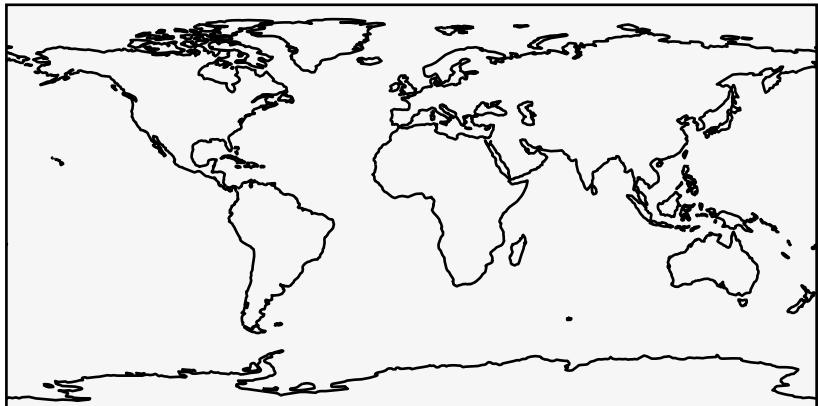
Zero throughout domain
s-1

GCHP_12.8.0 (Dev)
c48



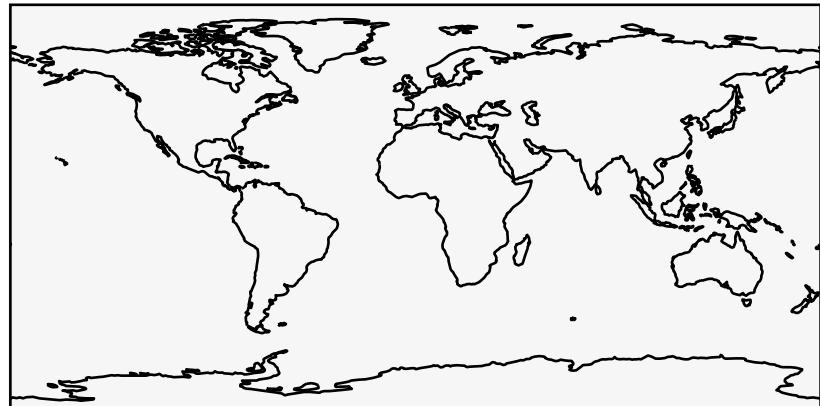
Zero throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



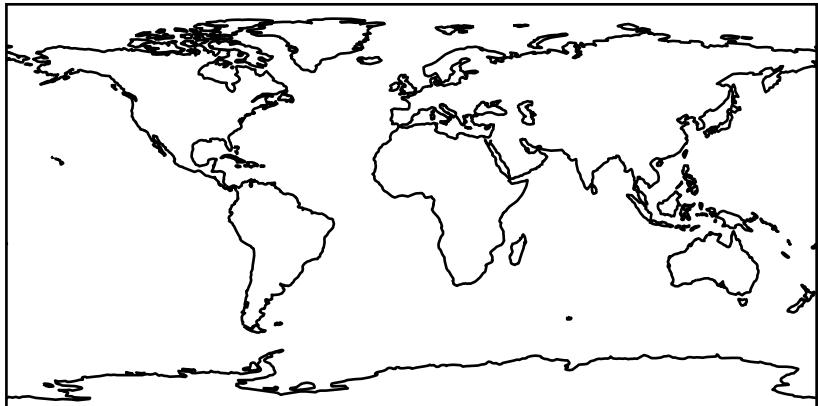
Zero throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



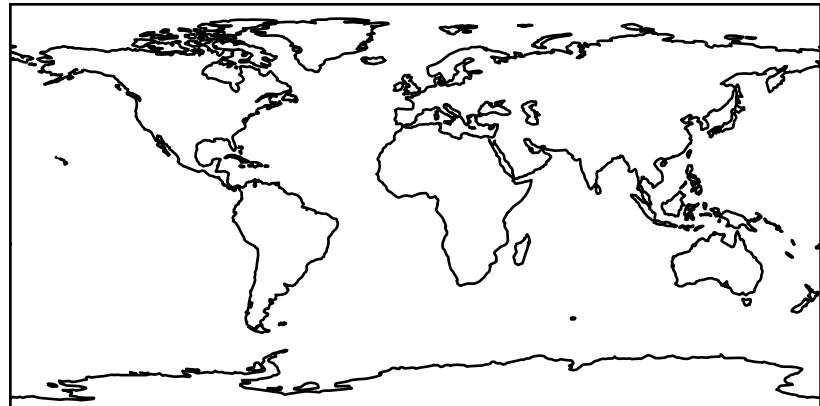
Zero throughout domain
s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

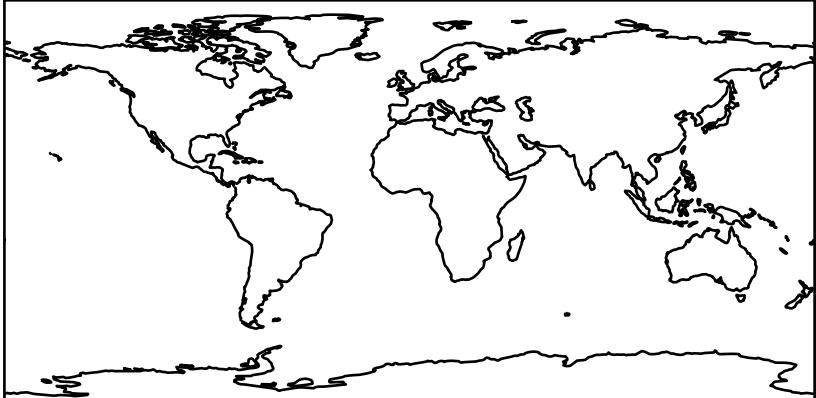
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain
unitless

Jval_RIPB

GCHP_12.7.0 (Ref)
c48



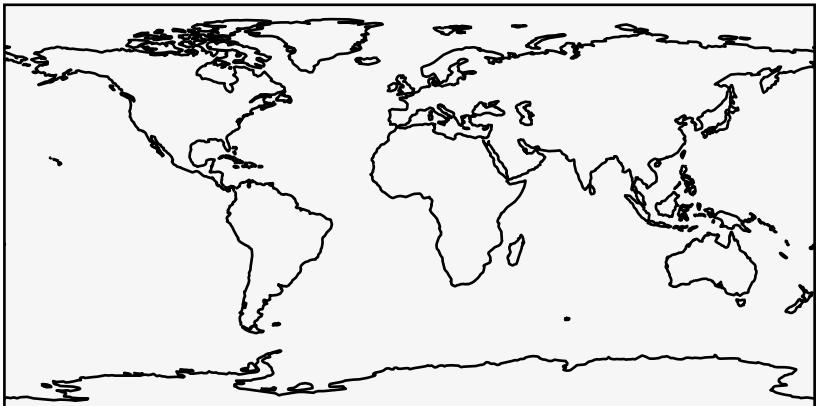
Zero throughout domain
s-1

GCHP_12.8.0 (Dev)
c48



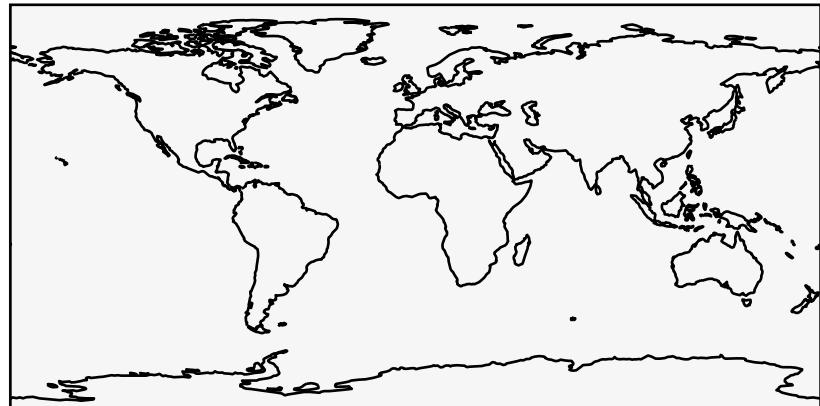
Zero throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



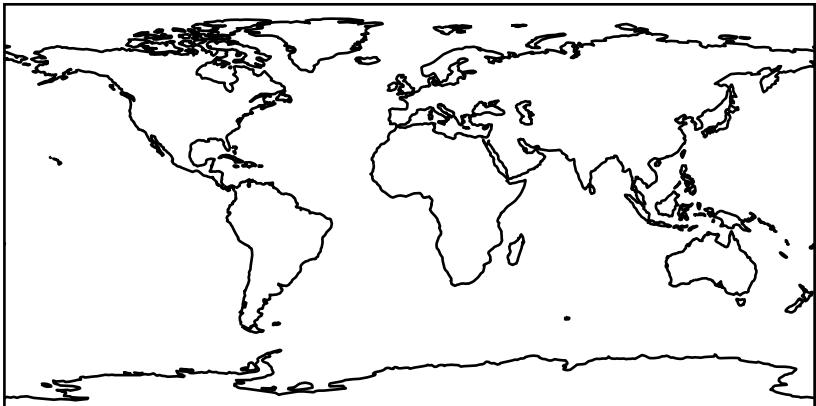
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s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Zero throughout domain
s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
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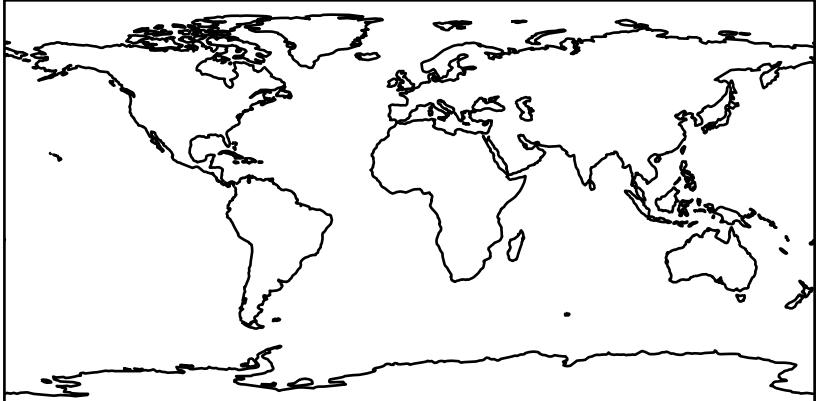
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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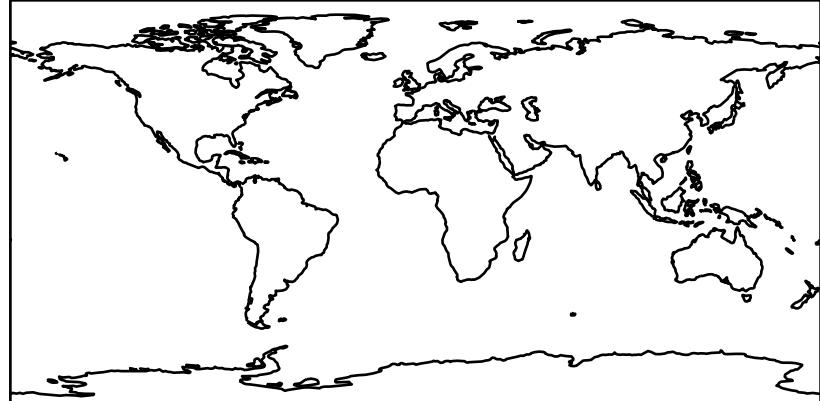
Jval_RIPC

GCHP_12.7.0 (Ref)
c48



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GCHP_12.8.0 (Dev)
c48



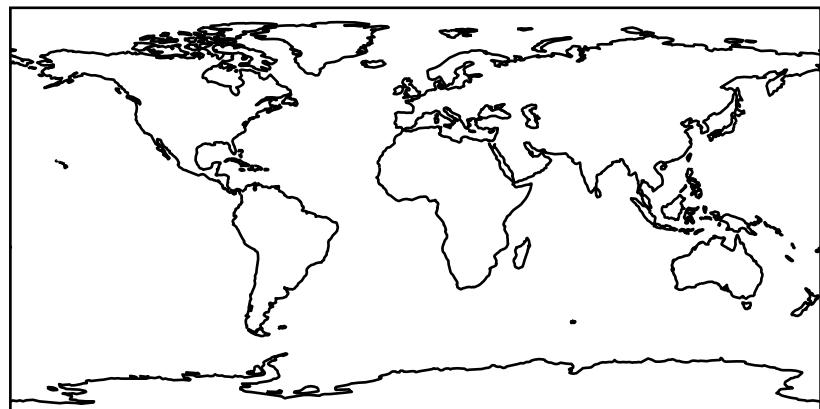
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Difference (1x1.25)
Dev - Ref, Dynamic Range



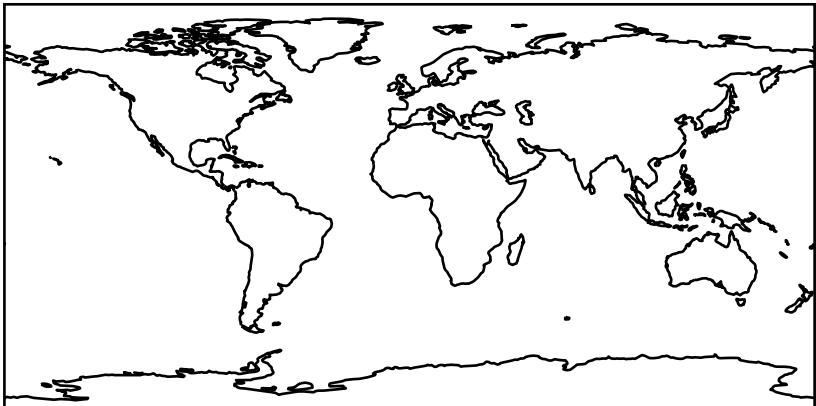
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Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



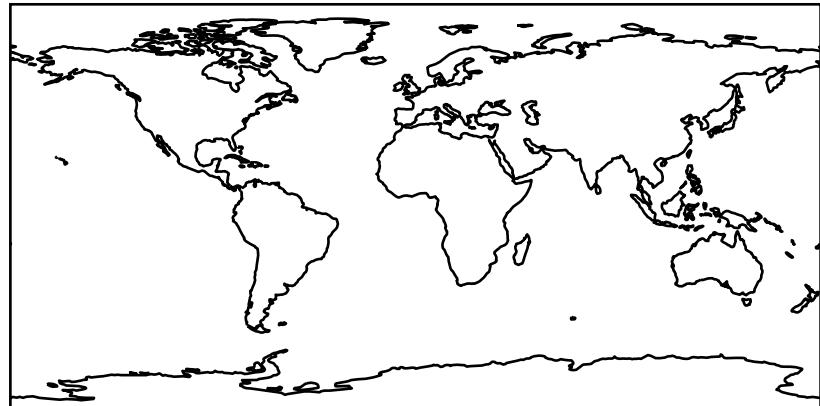
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



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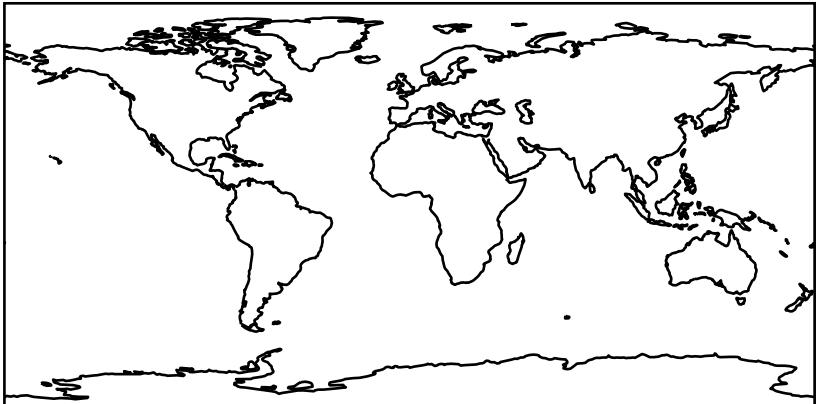
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain
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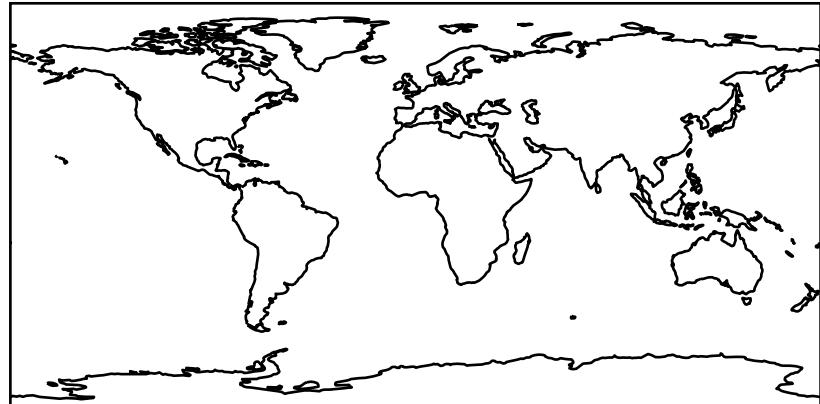
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GCHP_12.7.0 (Ref)
c48



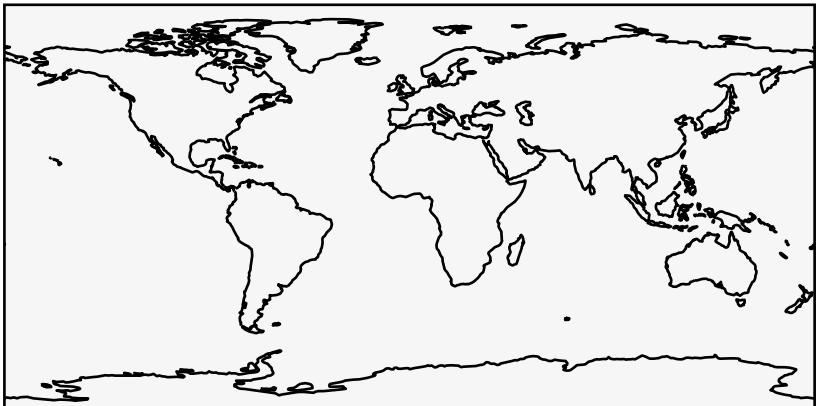
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s-1

GCHP_12.8.0 (Dev)
c48



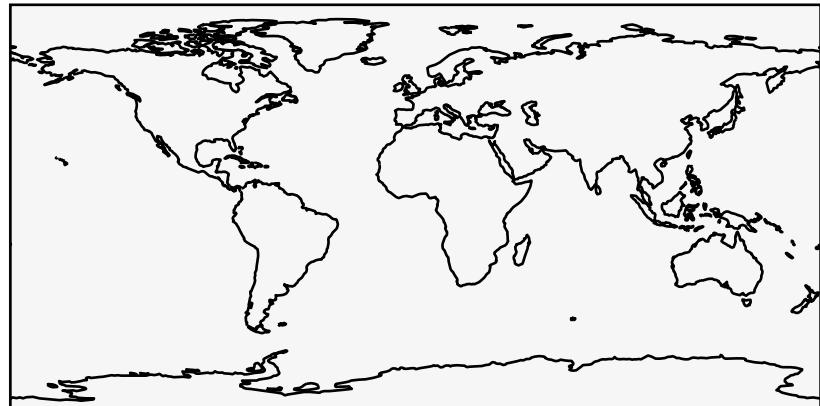
Zero throughout domain
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Difference (1x1.25)
Dev - Ref, Dynamic Range



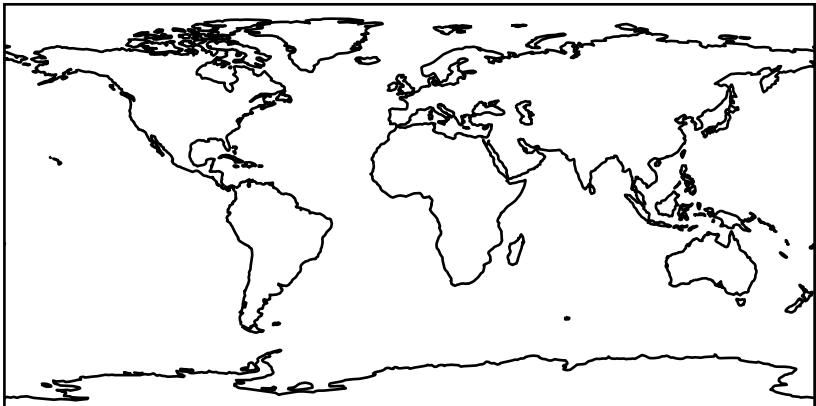
Zero throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



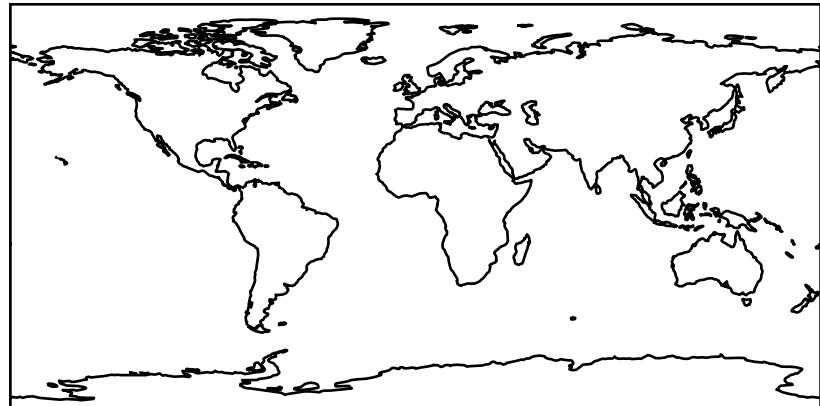
Zero throughout domain
s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



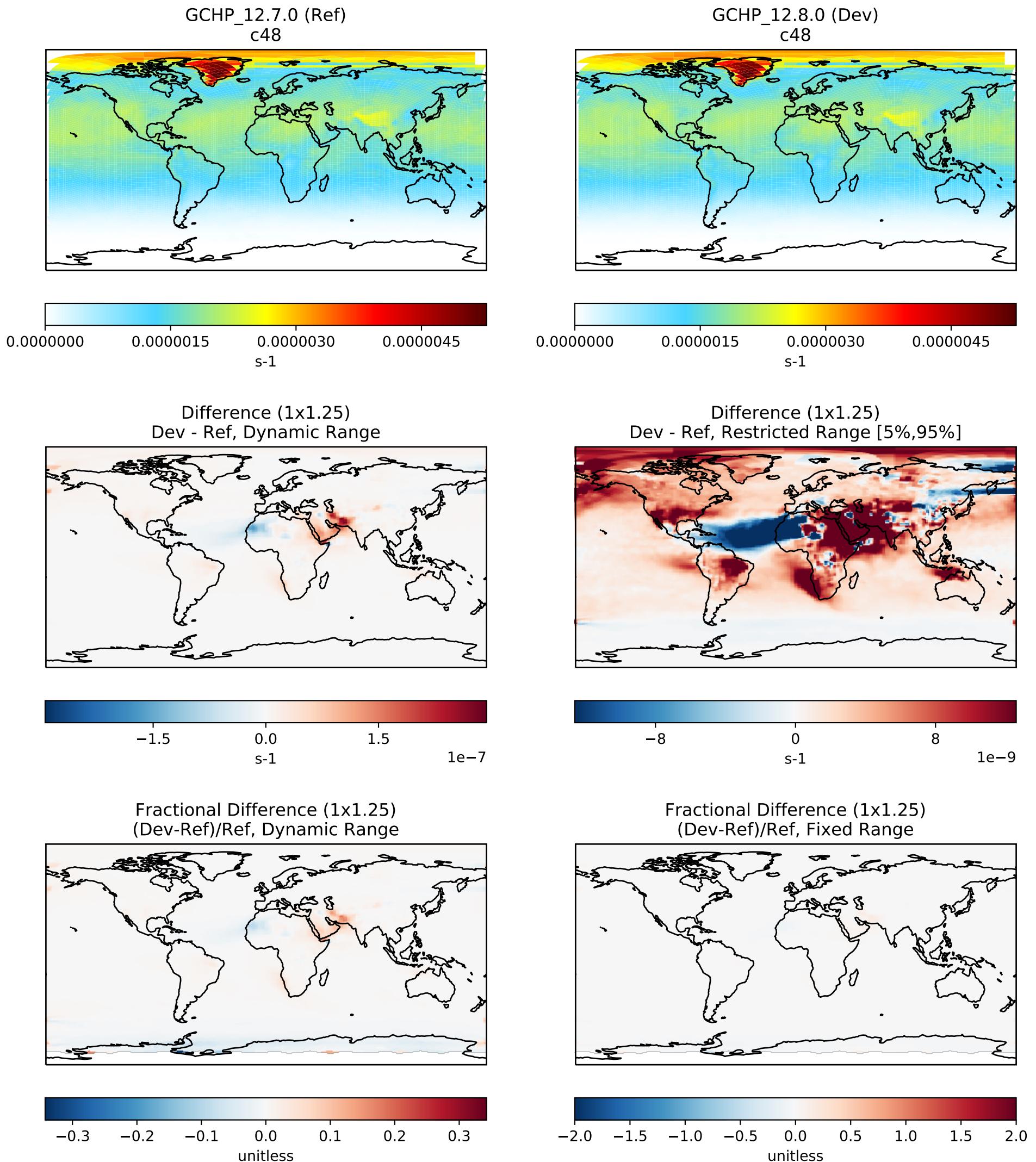
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



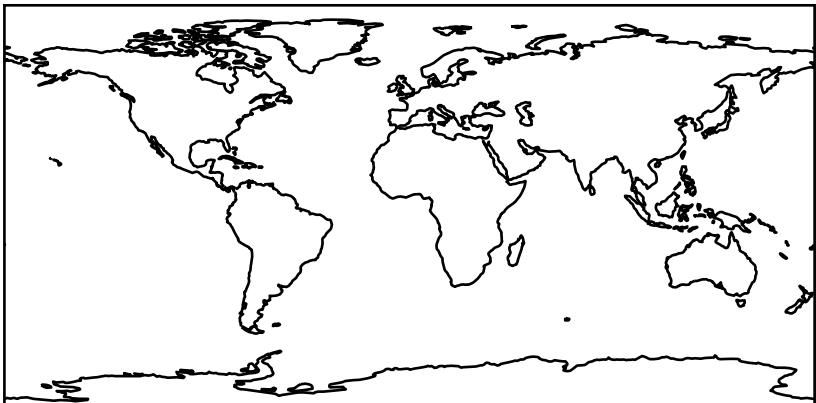
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Jval_RP



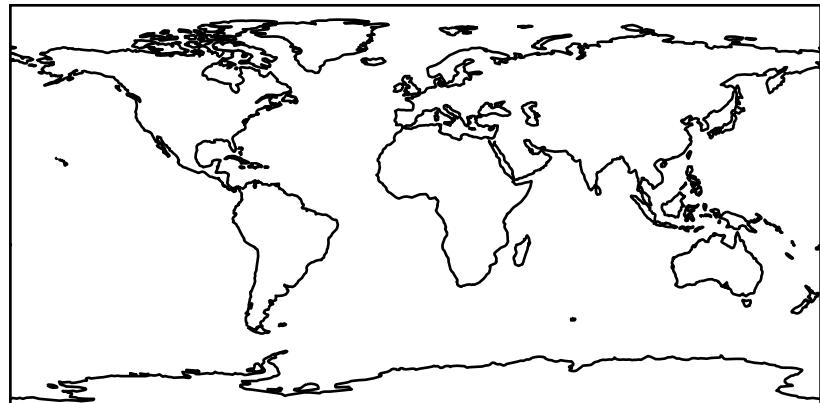
Jval_SO4

GCHP_12.7.0 (Ref)
c48



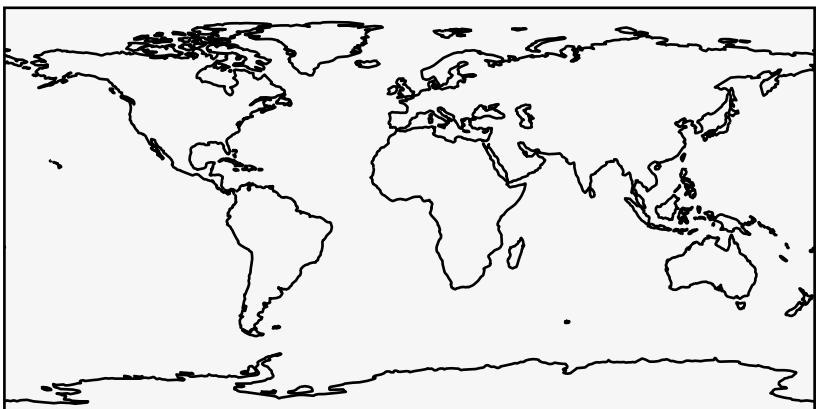
Zero throughout domain
s-1

GCHP_12.8.0 (Dev)
c48



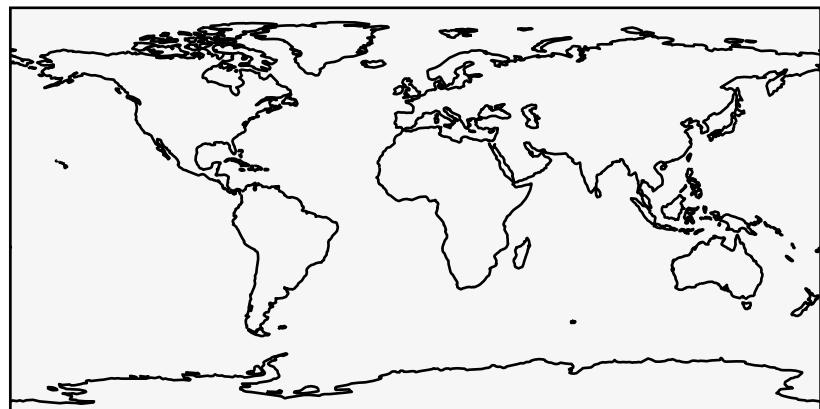
Zero throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



Zero throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



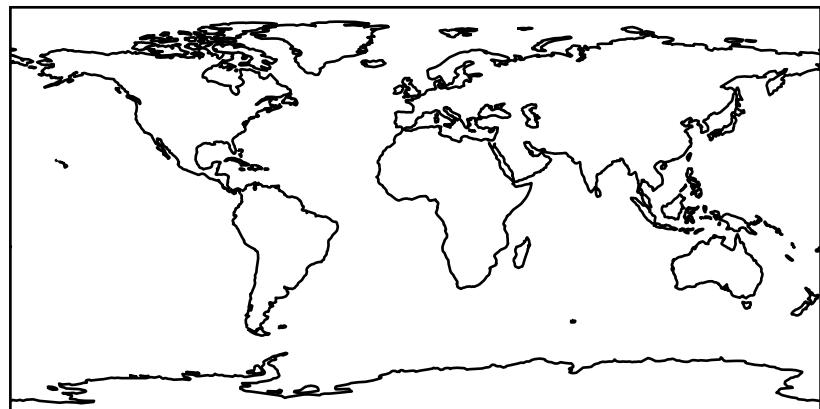
Zero throughout domain
s-1

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain
unitless

Jval_VRP

