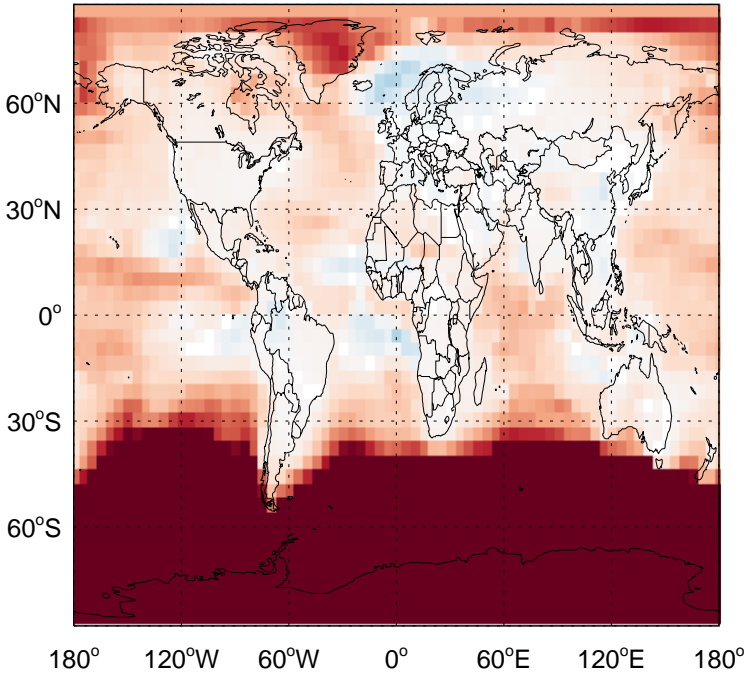


# GEOS-Chem Ratio Maps at surface and 500 hPa

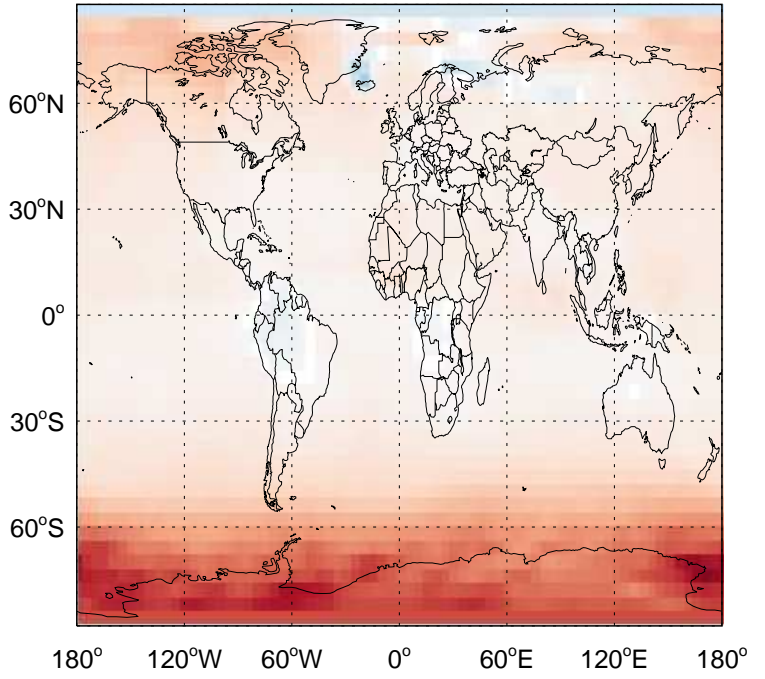
v11-02d / v11-02c

NO / Ratio @ Surface for Oct



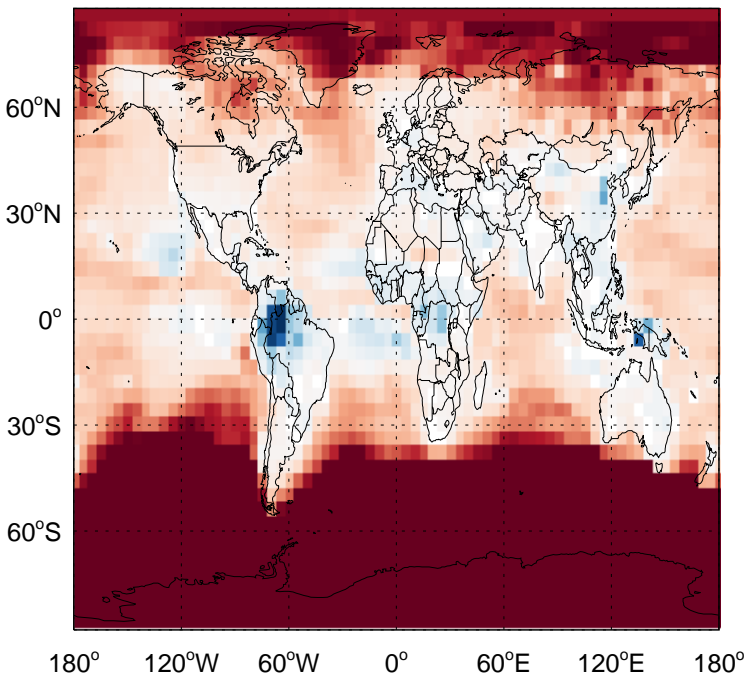
v11-02d / v11-02c

NO / Ratio @ 500 hPa for Oct



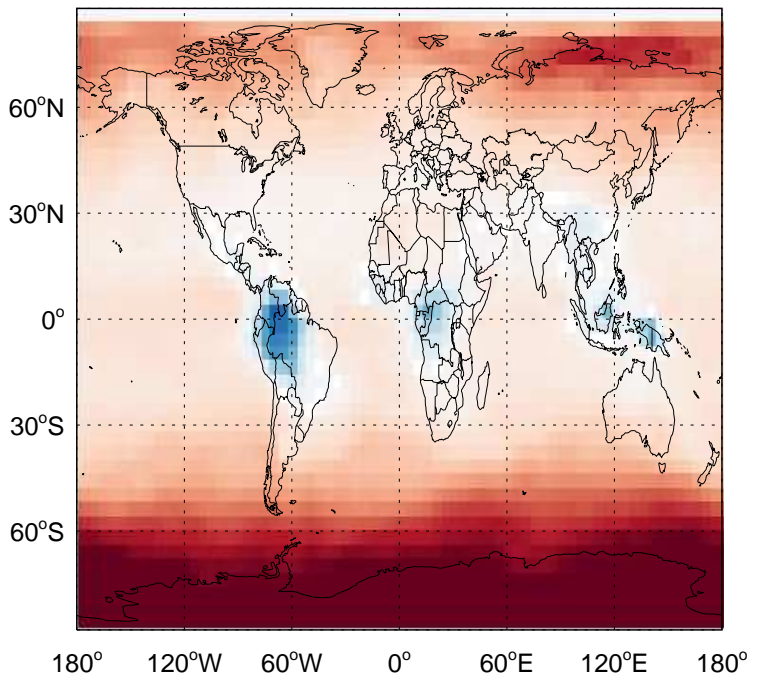
v11-02d / v11-02a

NO / Ratio @ Surface for Oct



v11-02d / v11-02a

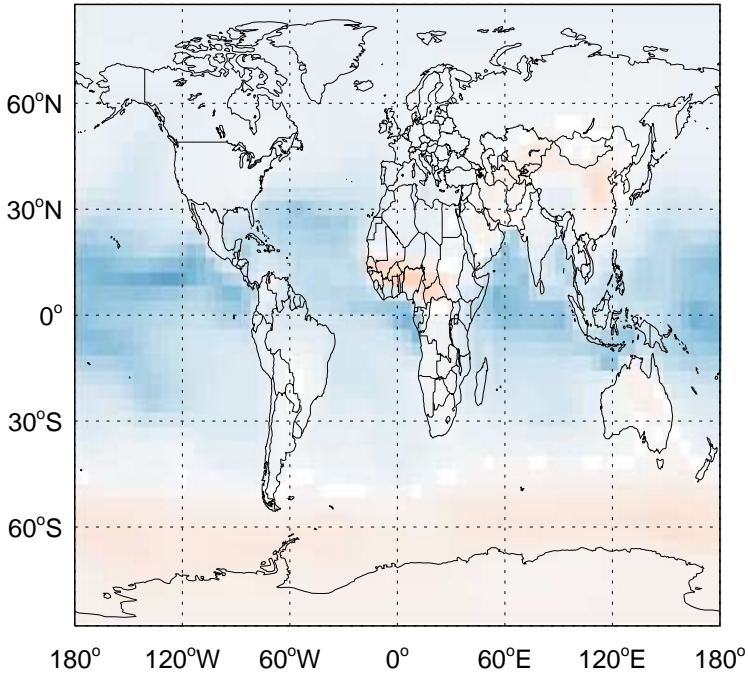
NO / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

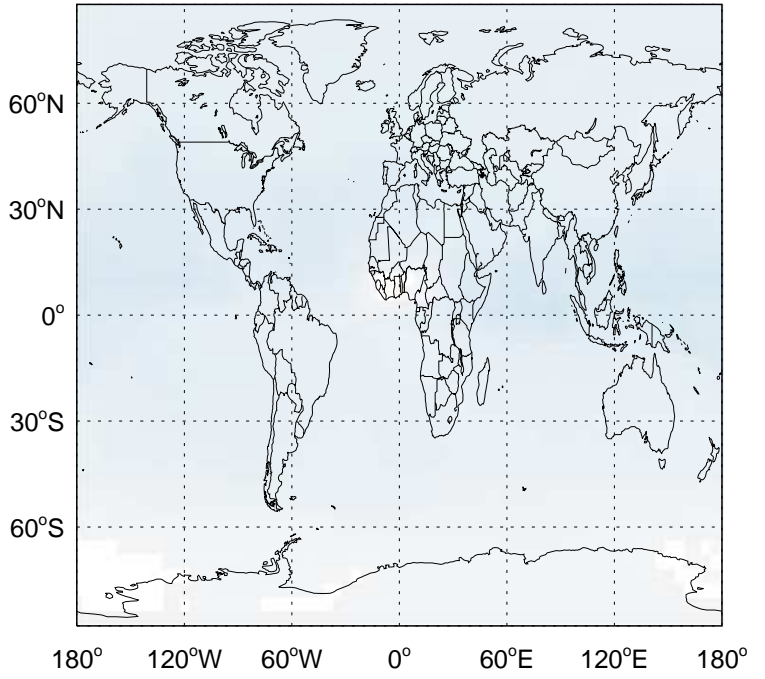
v11-02d / v11-02c

O3 / Ratio @ Surface for Oct



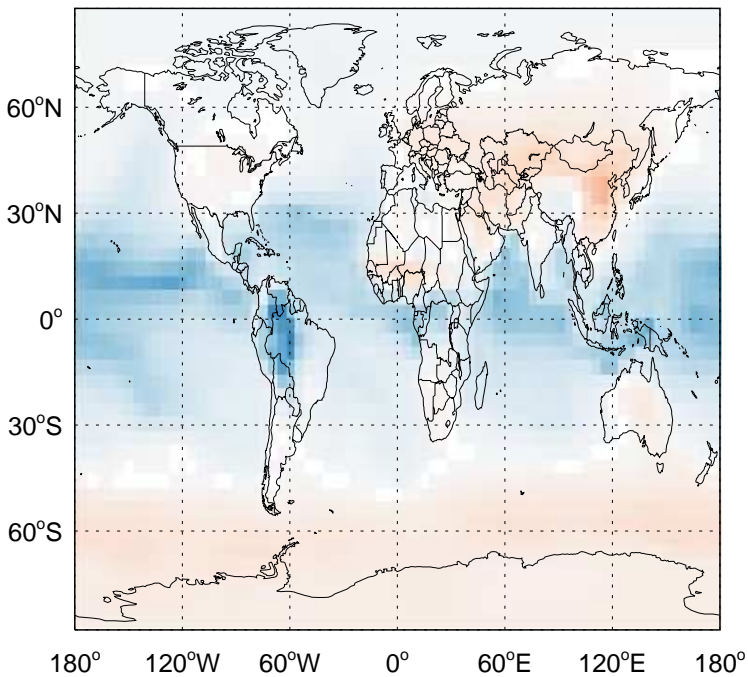
v11-02d / v11-02c

O3 / Ratio @ 500 hPa for Oct



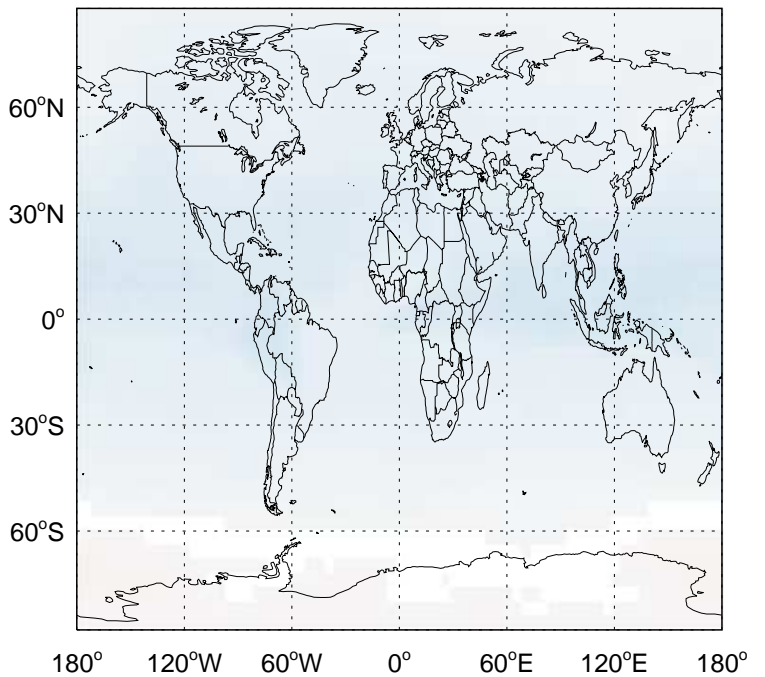
v11-02d / v11-02a

O3 / Ratio @ Surface for Oct



v11-02d / v11-02a

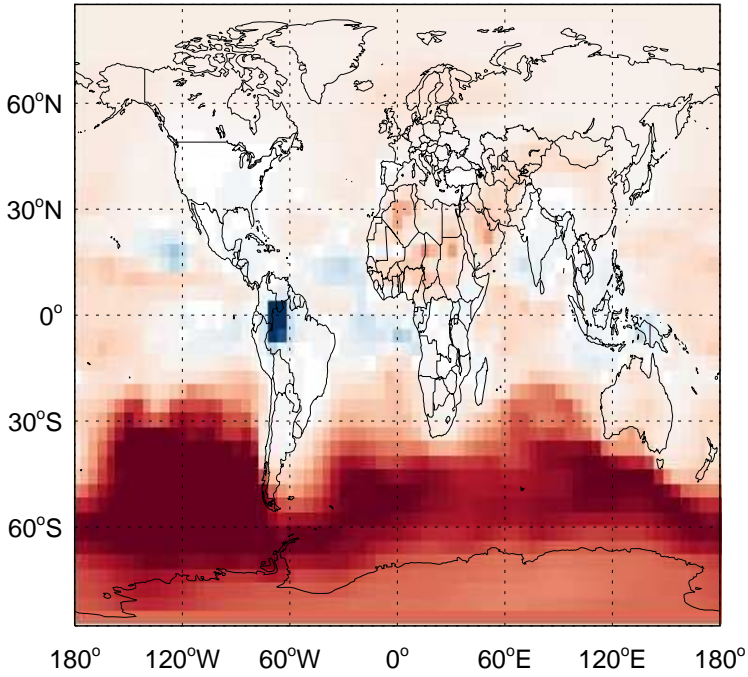
O3 / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

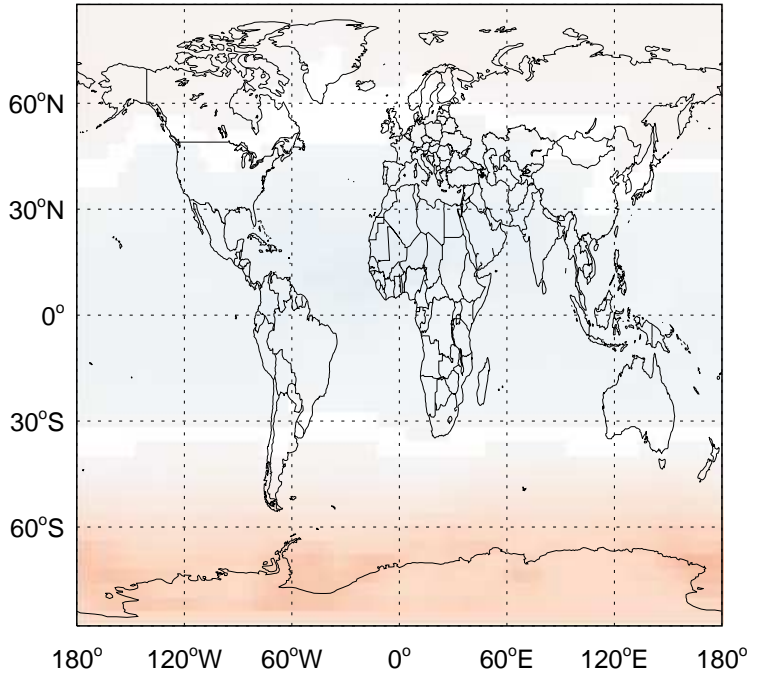
v11-02d / v11-02c

PAN / Ratio @ Surface for Oct



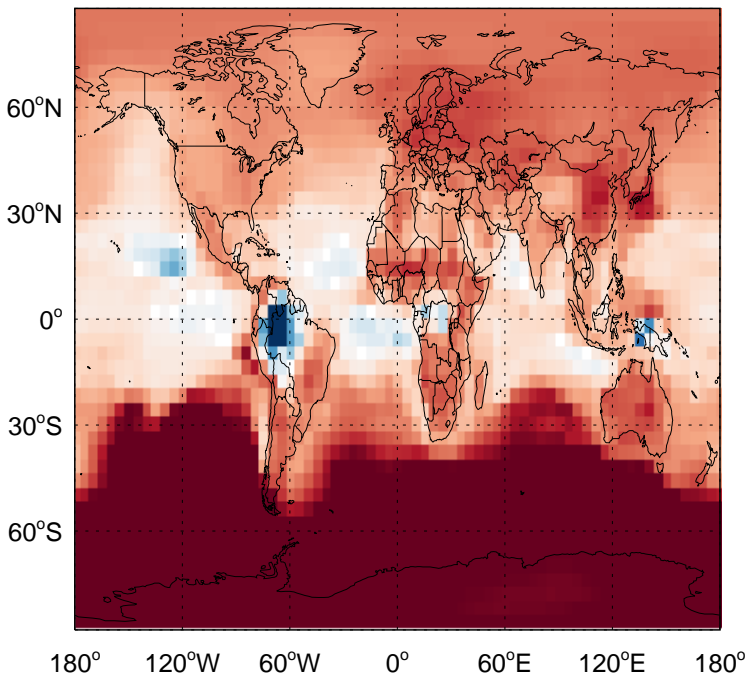
v11-02d / v11-02c

PAN/ Ratio @ 500 hPa for Oct



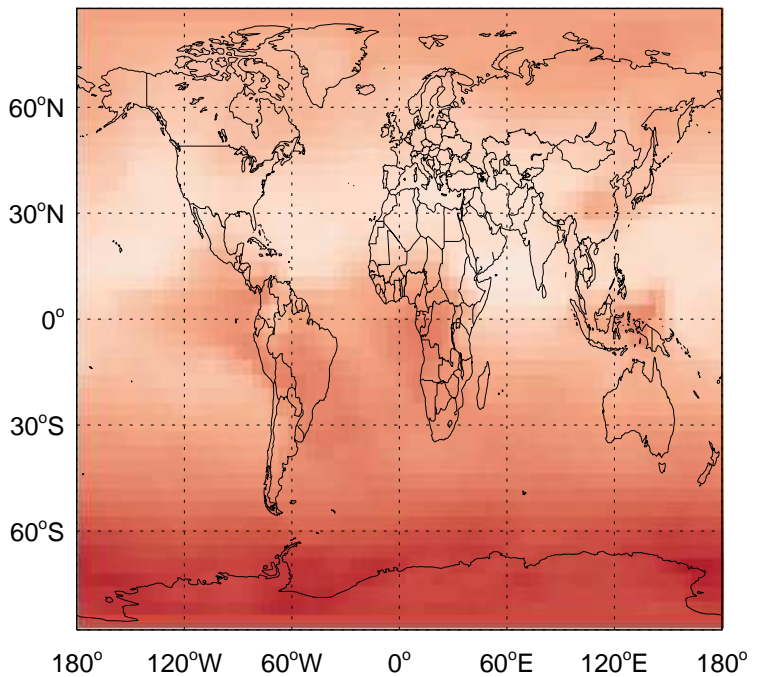
v11-02d / v11-02a

PAN / Ratio @ Surface for Oct



v11-02d / v11-02a

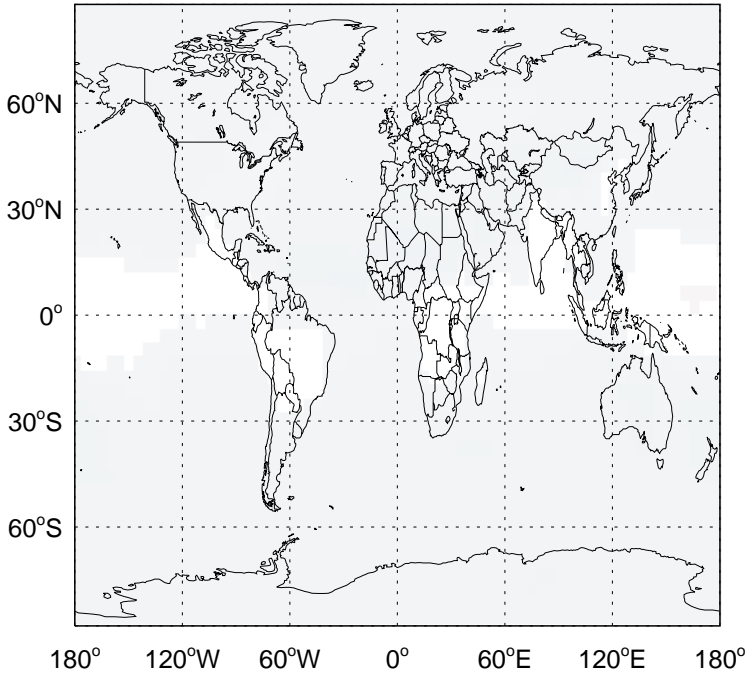
PAN/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

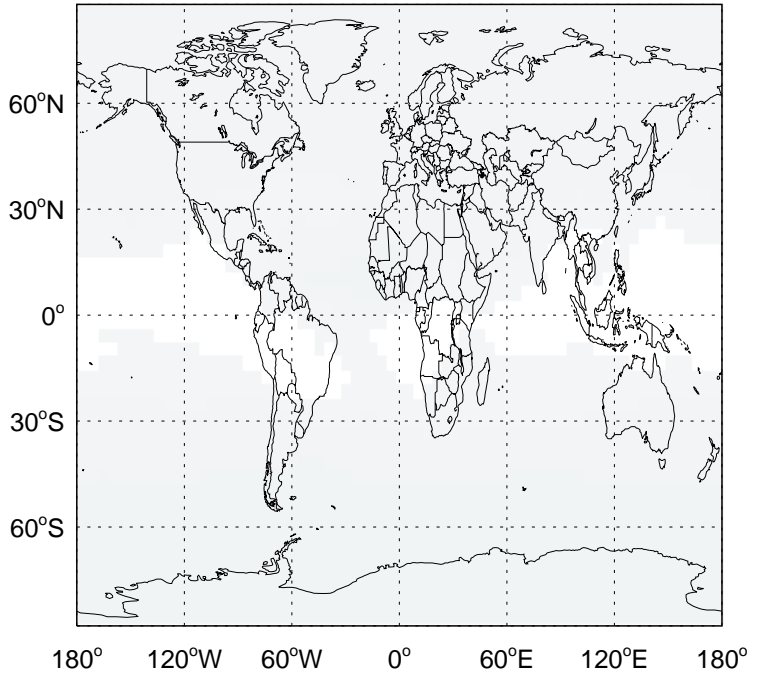
v11-02d / v11-02c

CO / Ratio @ Surface for Oct



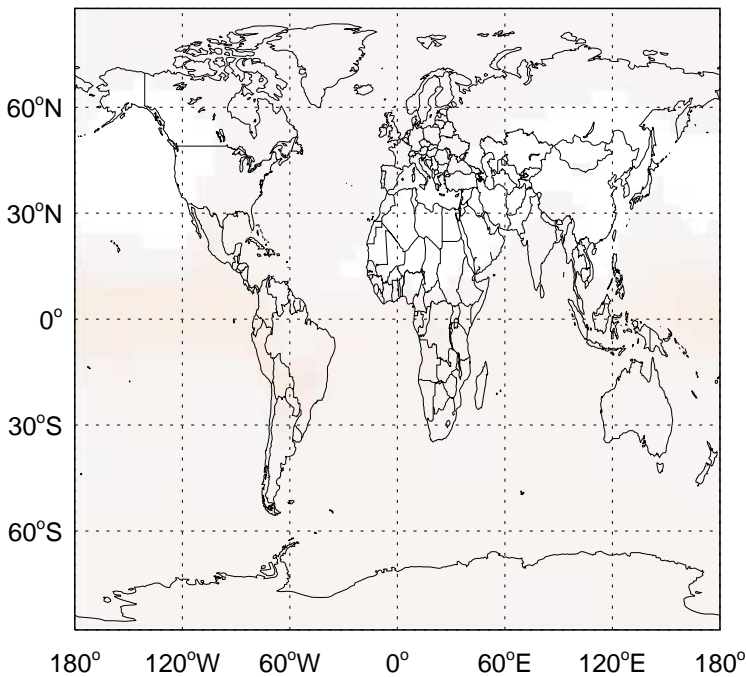
v11-02d / v11-02c

CO / Ratio @ 500 hPa for Oct



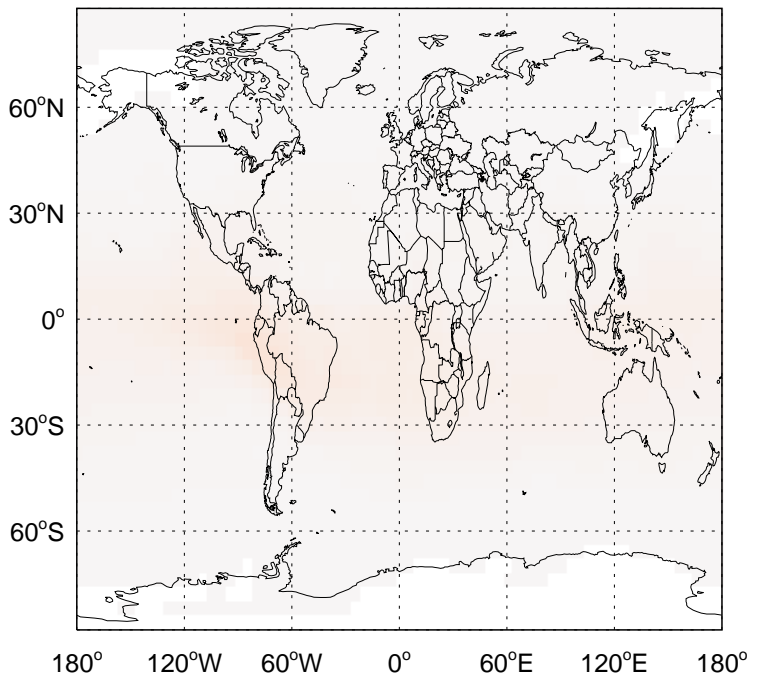
v11-02d / v11-02a

CO / Ratio @ Surface for Oct



v11-02d / v11-02a

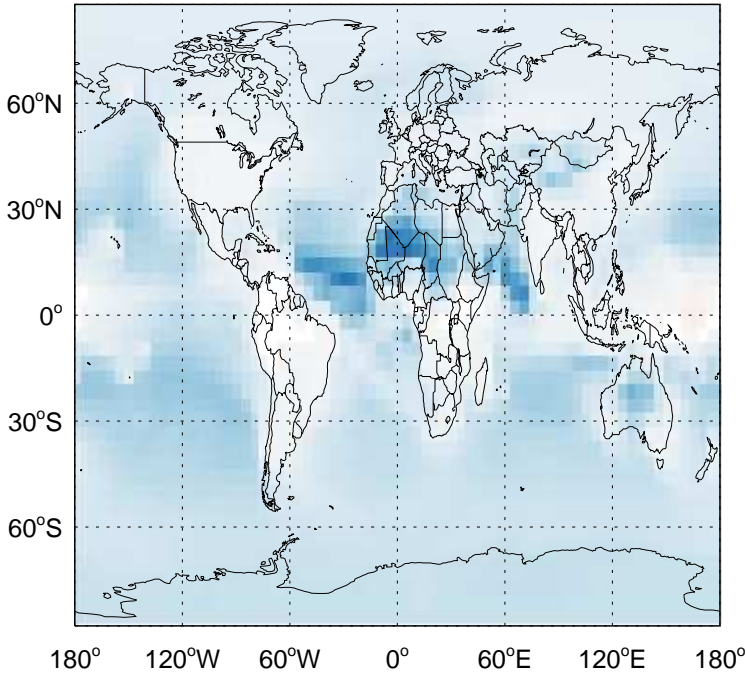
CO / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

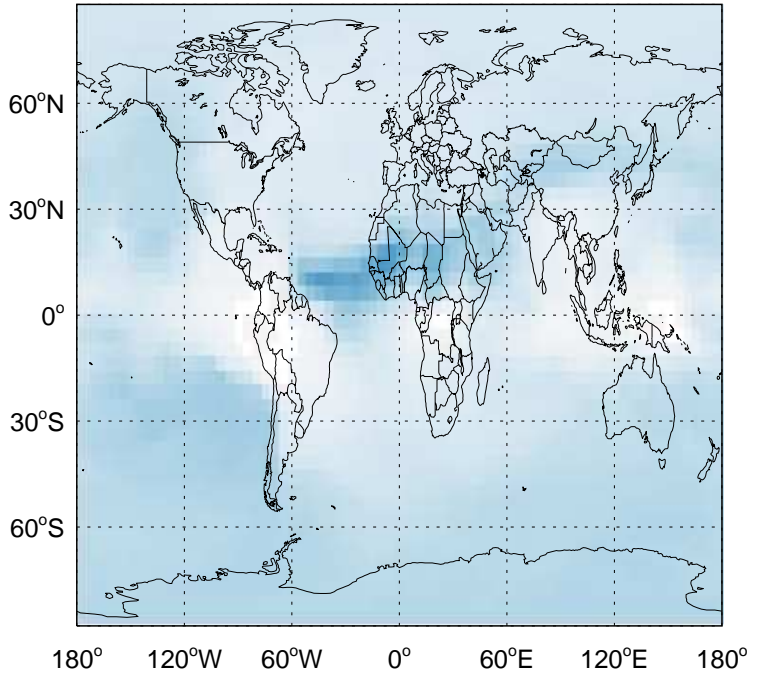
v11-02d / v11-02c

ALK4 / Ratio @ Surface for Oct



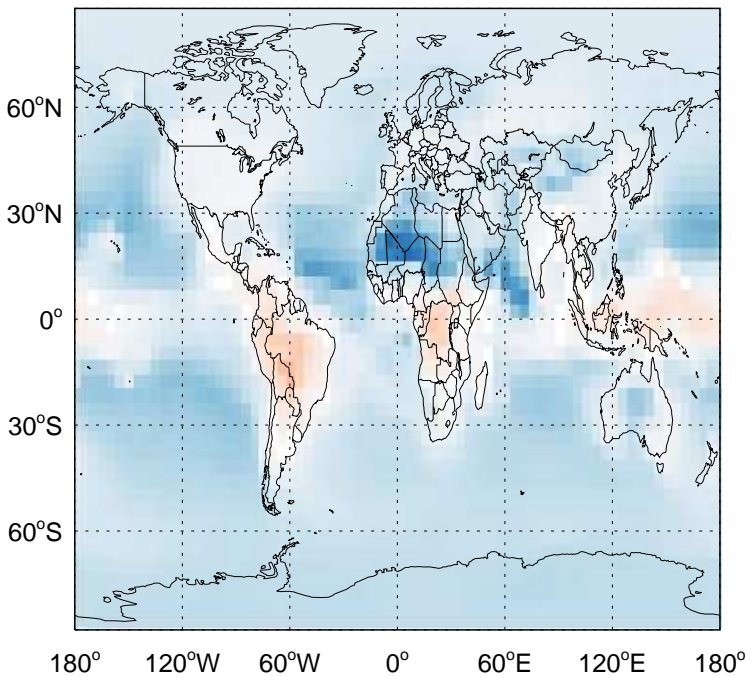
v11-02d / v11-02c

ALK4/ Ratio @ 500 hPa for Oct



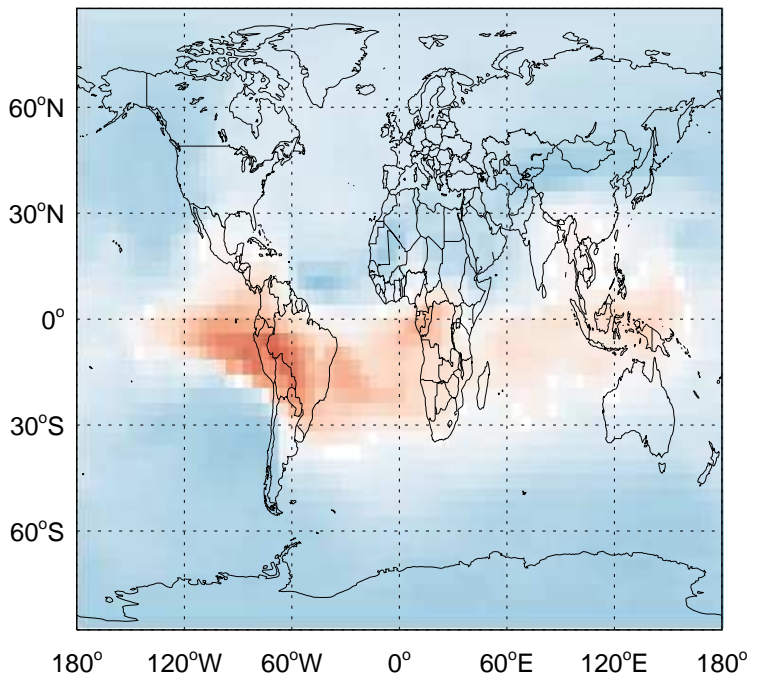
v11-02d / v11-02a

ALK4 / Ratio @ Surface for Oct



v11-02d / v11-02a

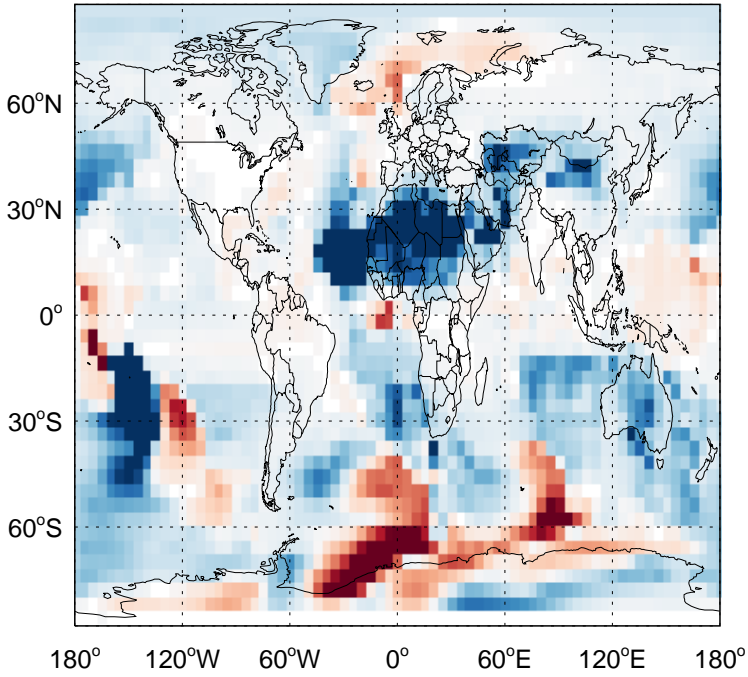
ALK4/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

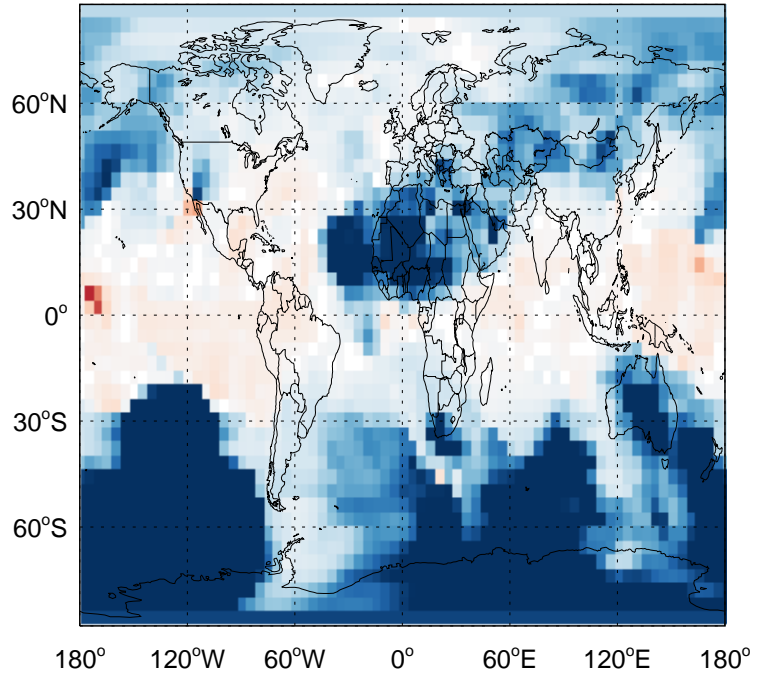
v11-02d / v11-02c

ISOP / Ratio @ Surface for Oct



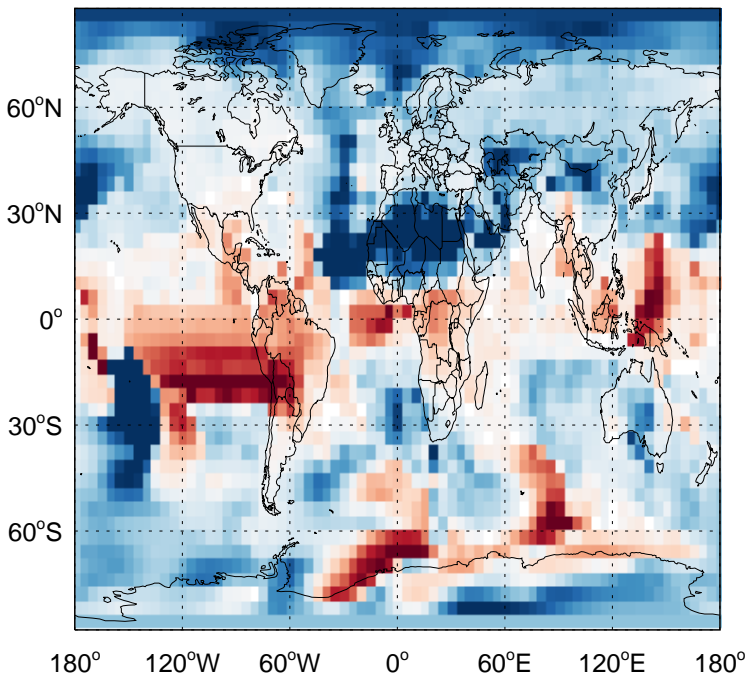
v11-02d / v11-02c

ISOP / Ratio @ 500 hPa for Oct



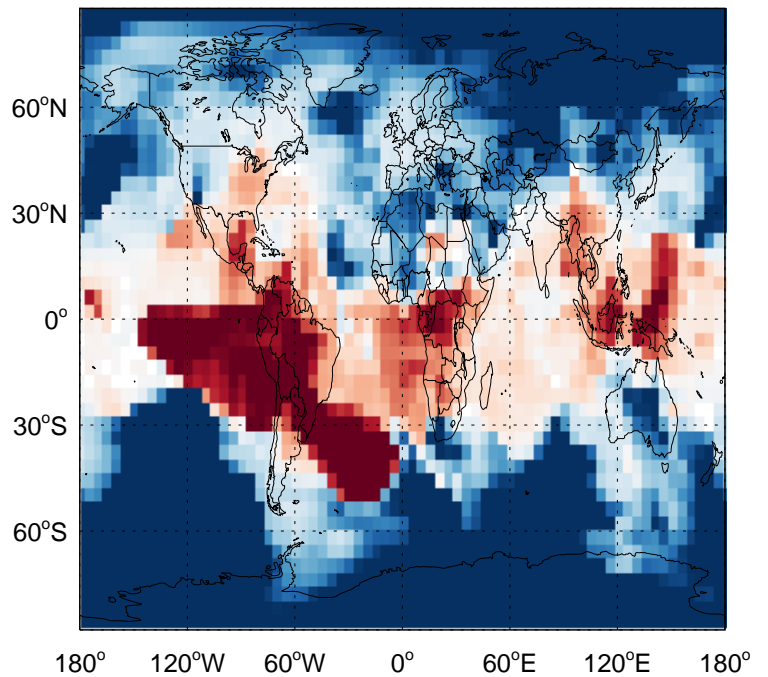
v11-02d / v11-02a

ISOP / Ratio @ Surface for Oct



v11-02d / v11-02a

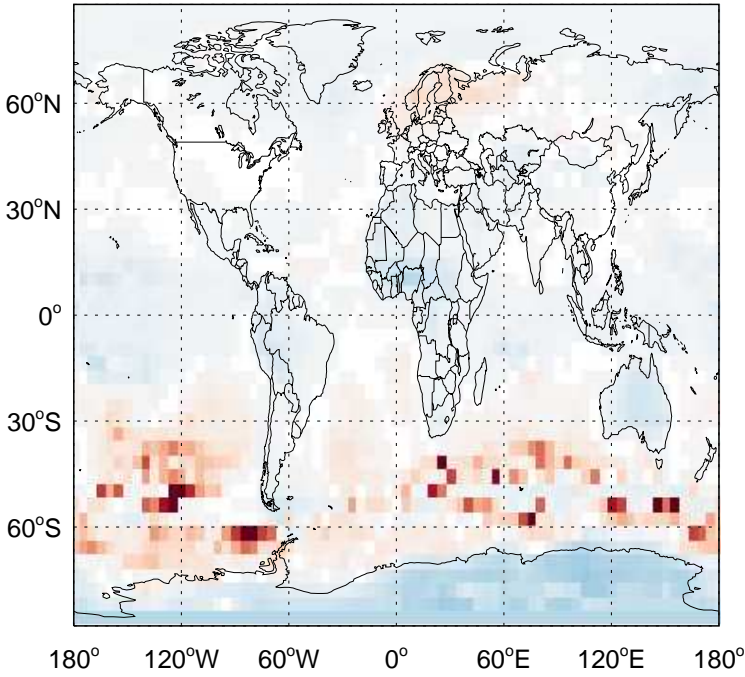
ISOP / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

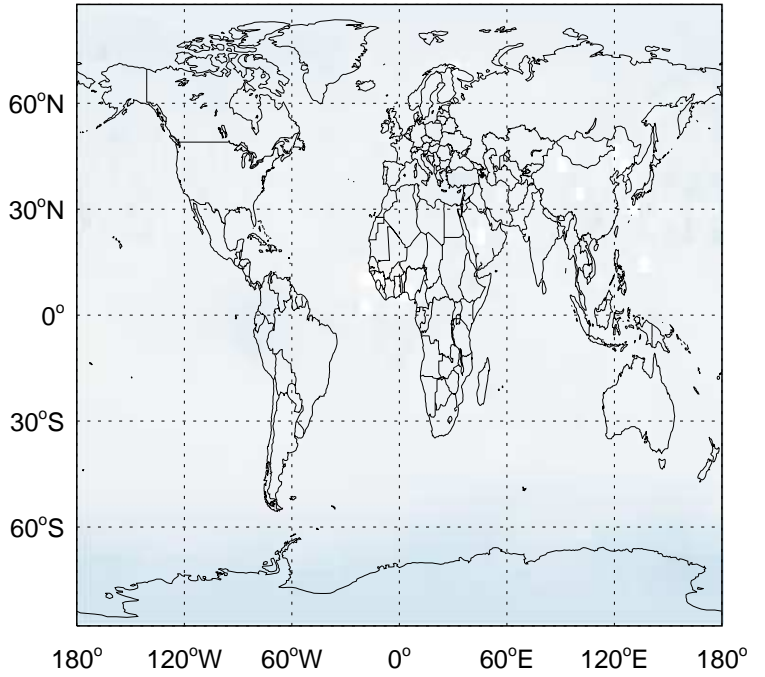
v11-02d / v11-02c

HNO<sub>3</sub> / Ratio @ Surface for Oct



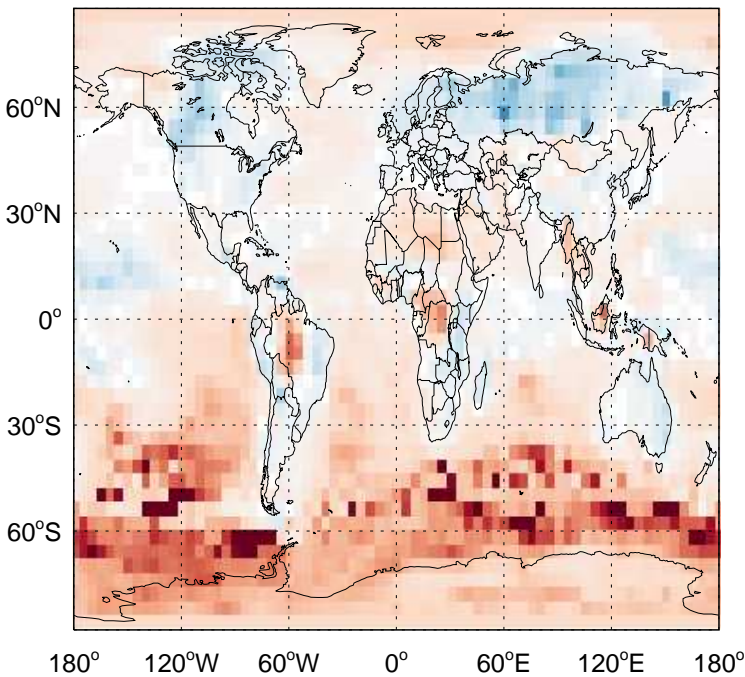
v11-02d / v11-02c

HNO<sub>3</sub> / Ratio @ 500 hPa for Oct



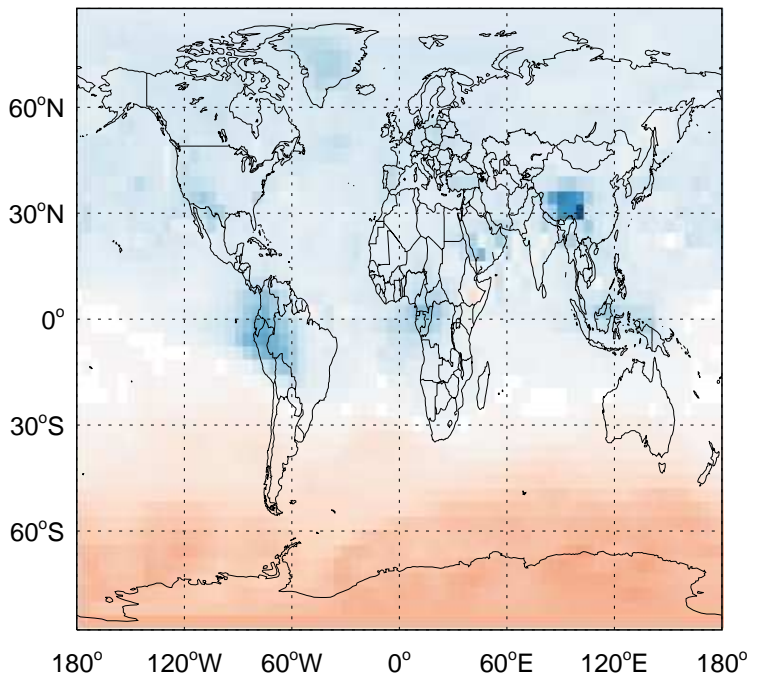
v11-02d / v11-02a

HNO<sub>3</sub> / Ratio @ Surface for Oct



v11-02d / v11-02a

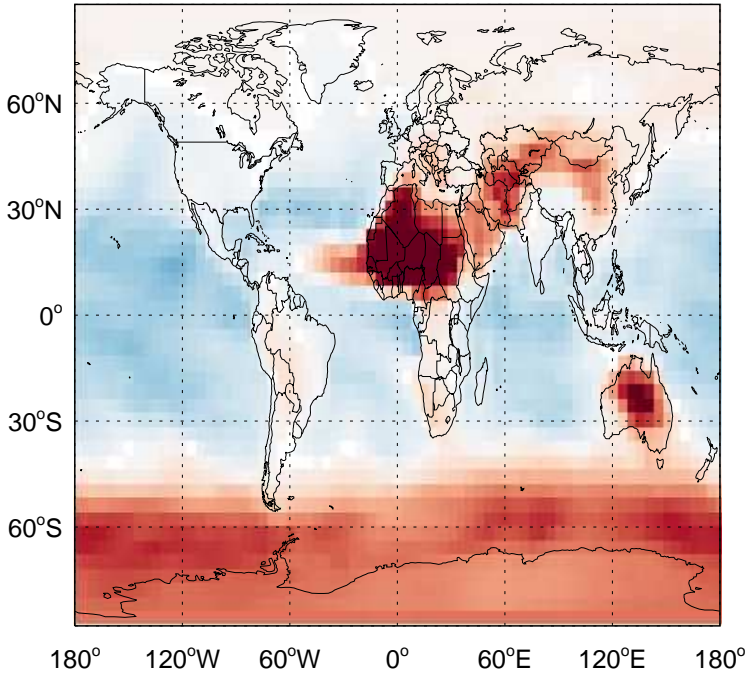
HNO<sub>3</sub> / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

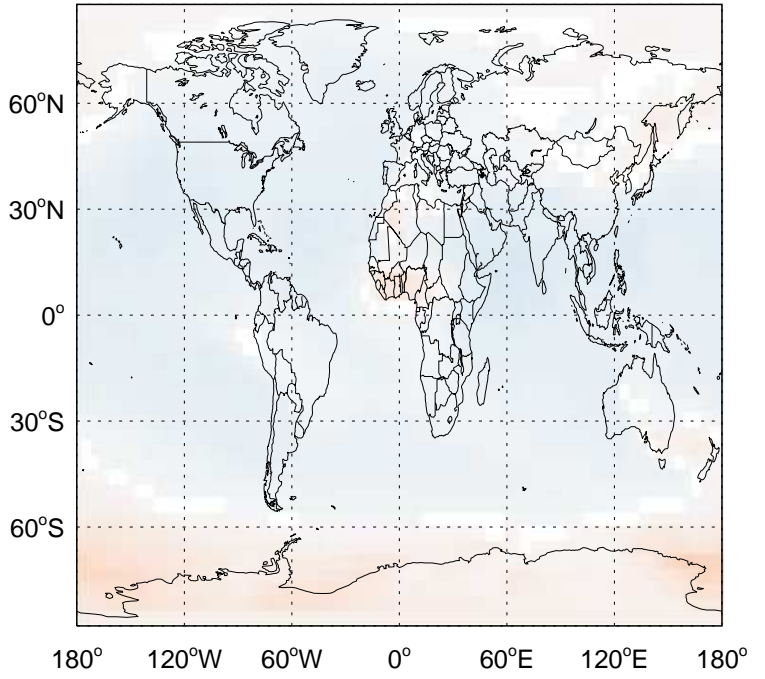
v11-02d / v11-02c

H2O2 / Ratio @ Surface for Oct



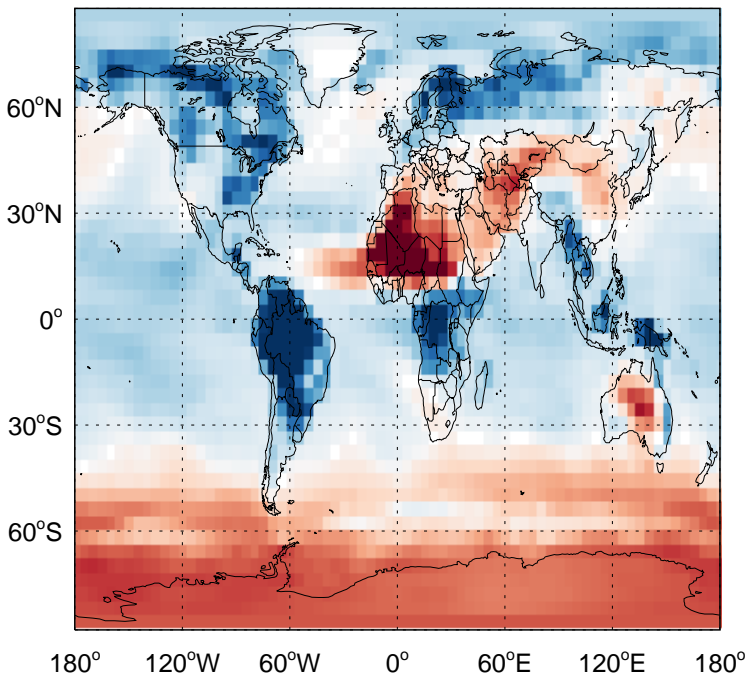
v11-02d / v11-02c

H2O2/ Ratio @ 500 hPa for Oct



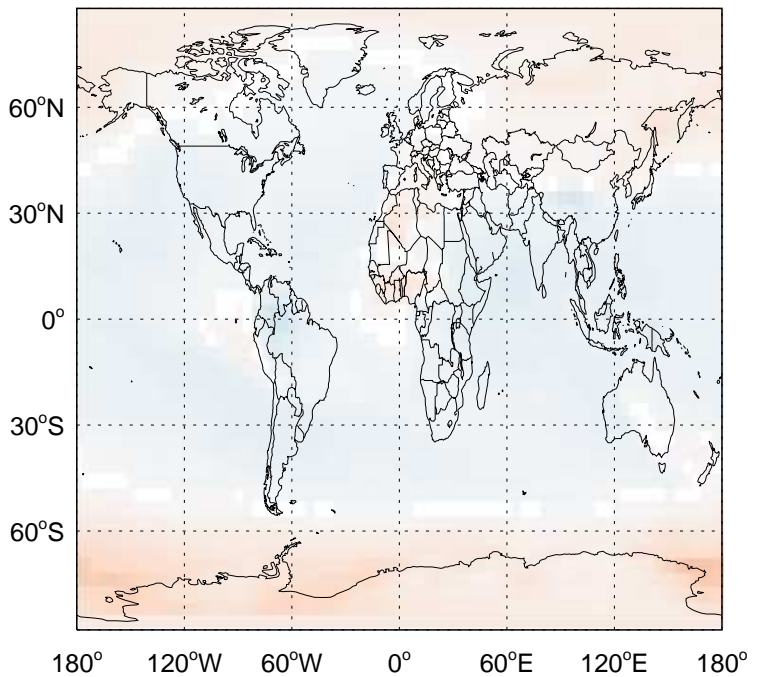
v11-02d / v11-02a

H2O2 / Ratio @ Surface for Oct



v11-02d / v11-02a

H2O2/ Ratio @ 500 hPa for Oct

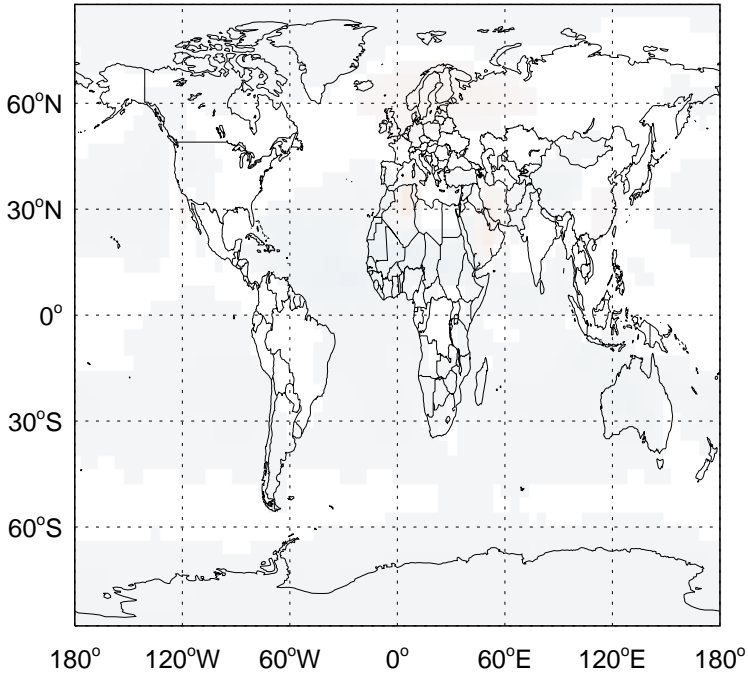




# GEOS-Chem Ratio Maps at surface and 500 hPa

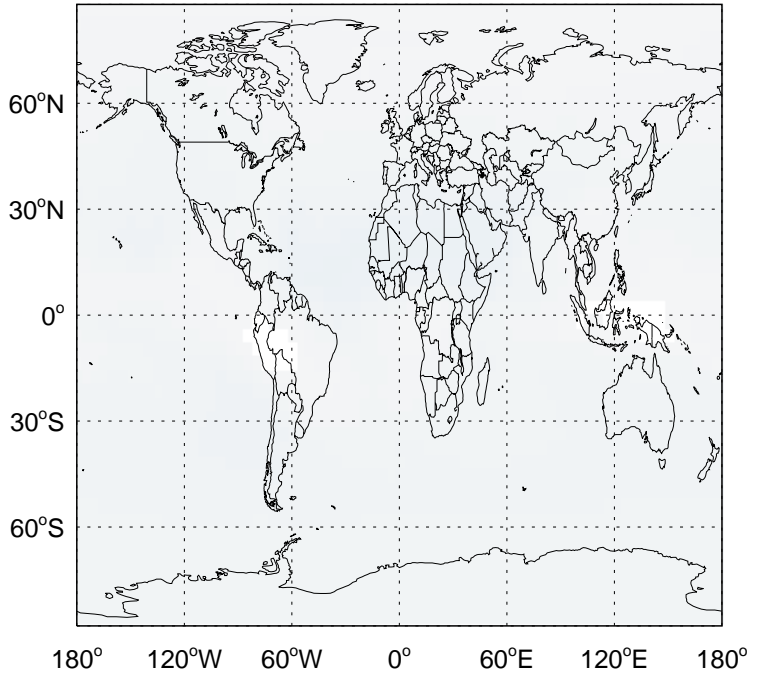
v11-02d / v11-02c

ACET / Ratio @ Surface for Oct



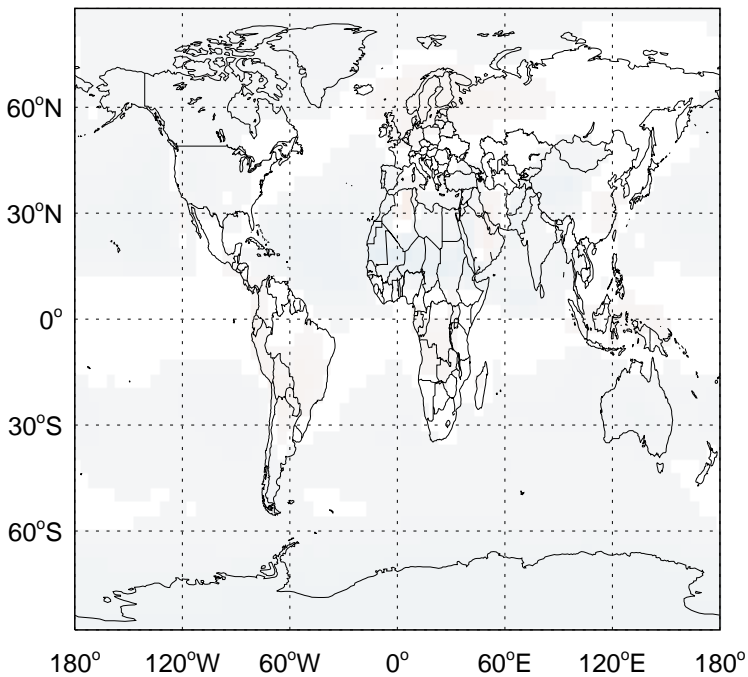
v11-02d / v11-02c

ACET/ Ratio @ 500 hPa for Oct



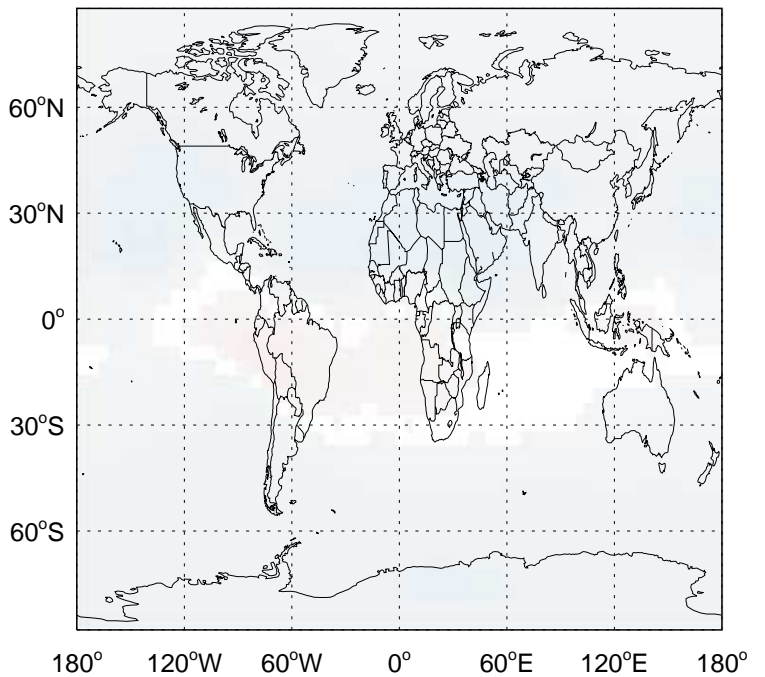
v11-02d / v11-02a

ACET / Ratio @ Surface for Oct



v11-02d / v11-02a

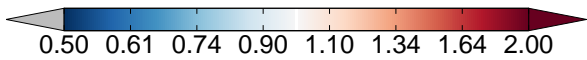
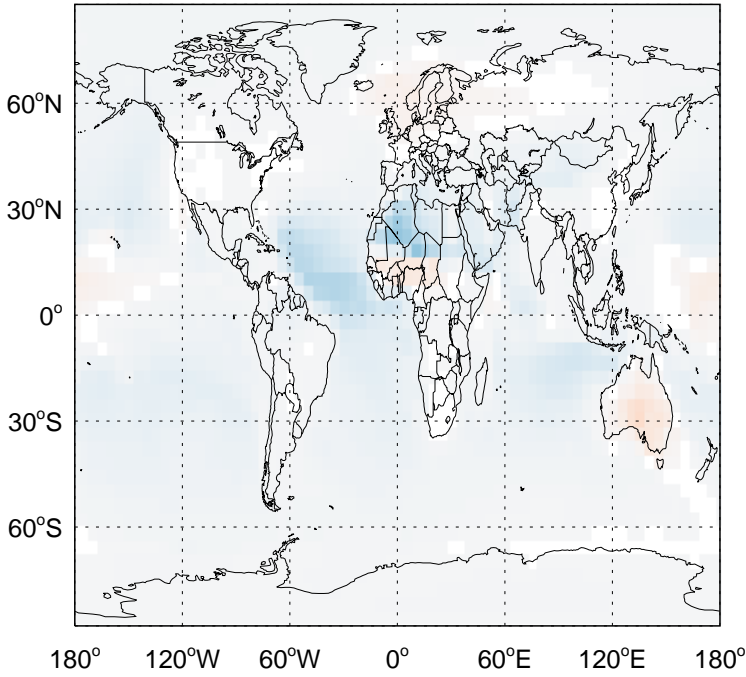
ACET/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

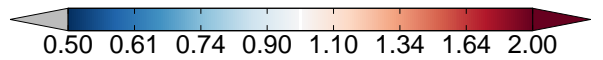
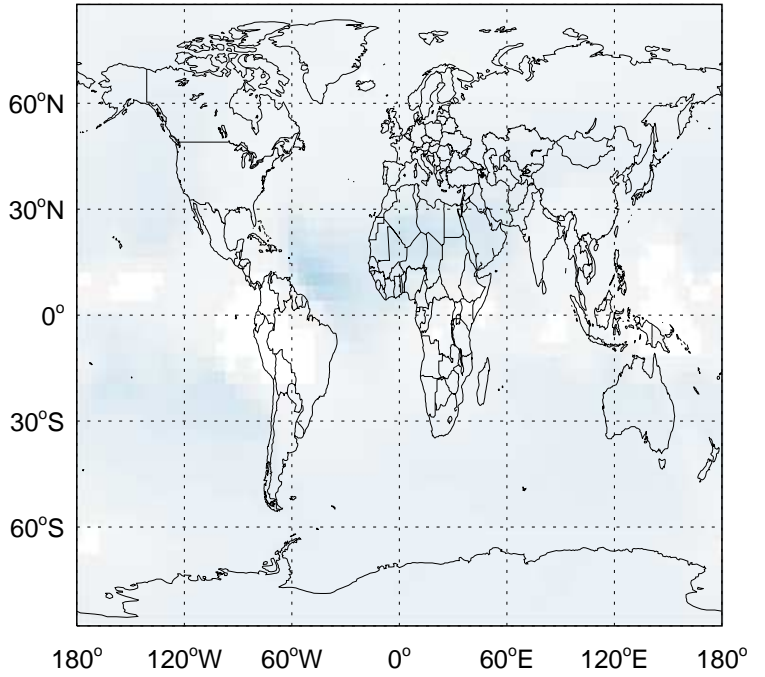
v11-02d / v11-02c

MEK / Ratio @ Surface for Oct



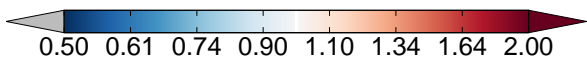
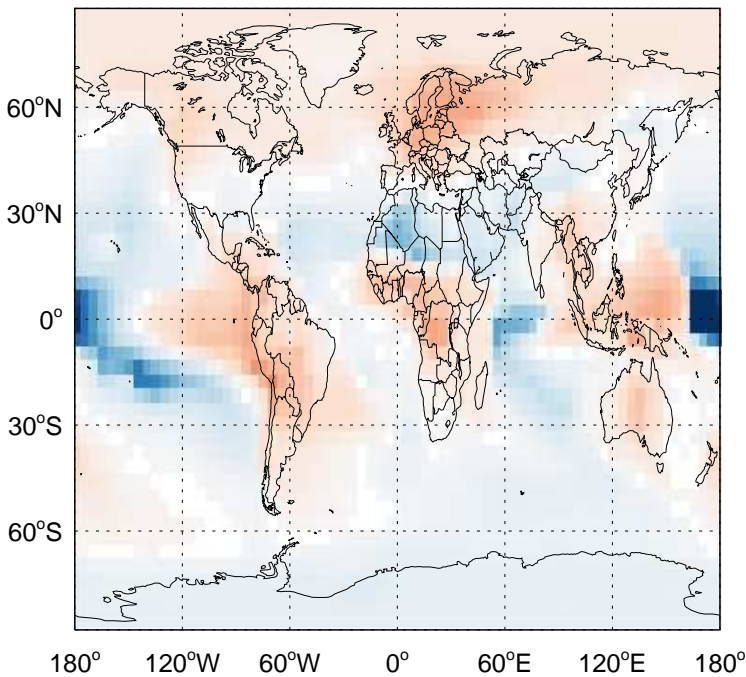
v11-02d / v11-02c

MEK/ Ratio @ 500 hPa for Oct



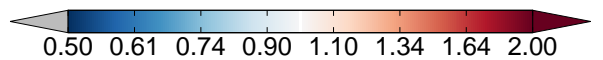
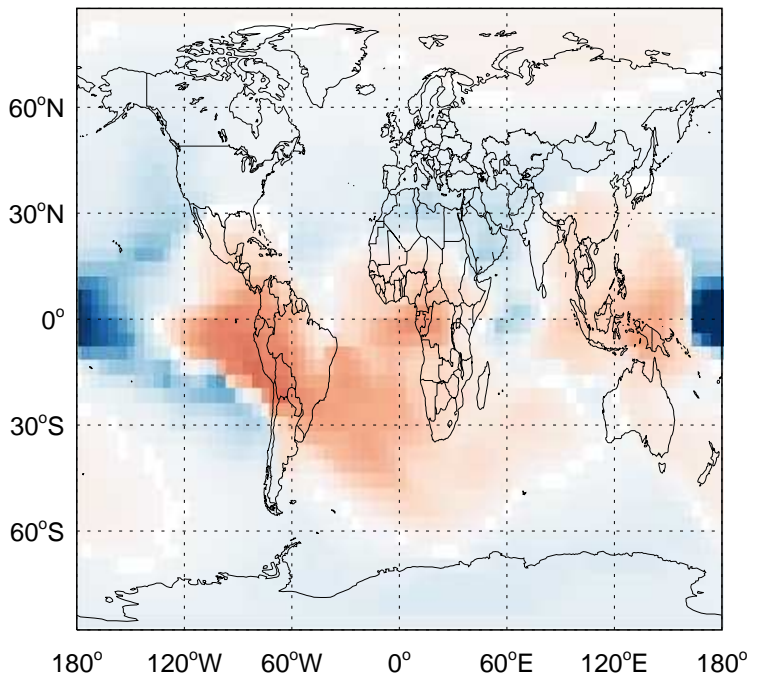
v11-02d / v11-02a

MEK / Ratio @ Surface for Oct



v11-02d / v11-02a

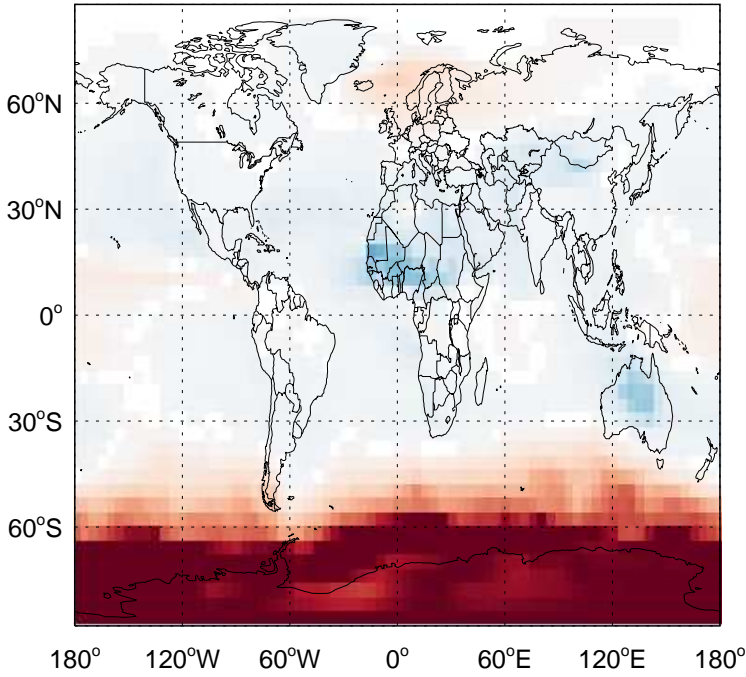
MEK/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

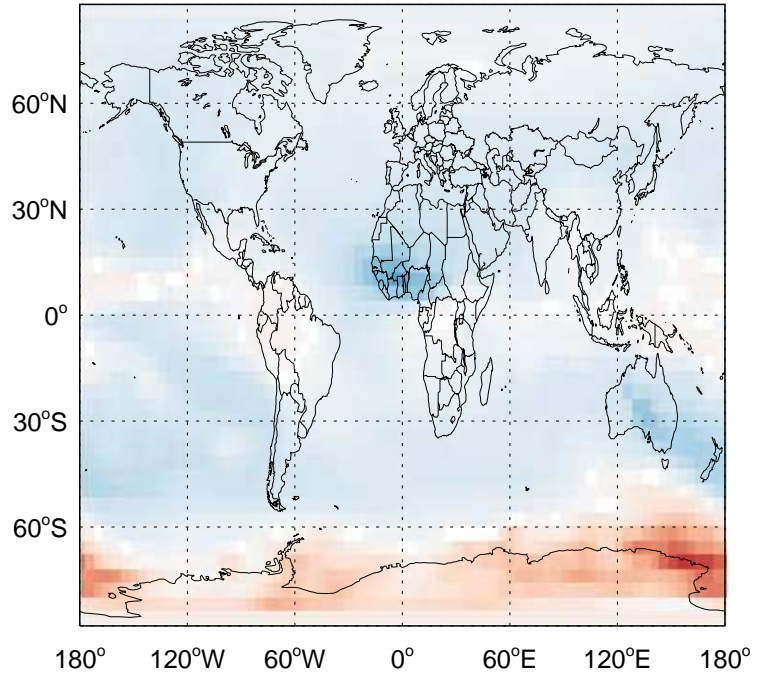
v11-02d / v11-02c

ALD2 / Ratio @ Surface for Oct



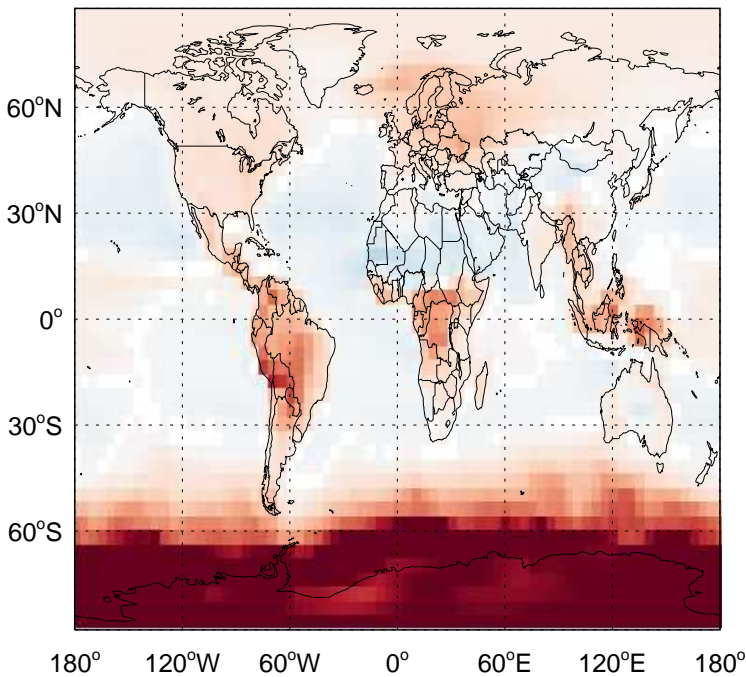
v11-02d / v11-02c

ALD2 / Ratio @ 500 hPa for Oct



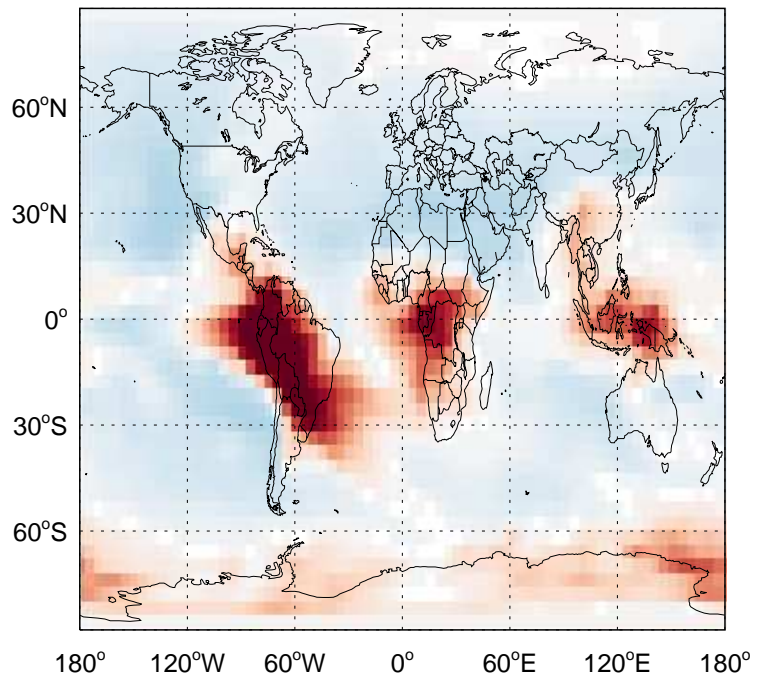
v11-02d / v11-02a

ALD2 / Ratio @ Surface for Oct



v11-02d / v11-02a

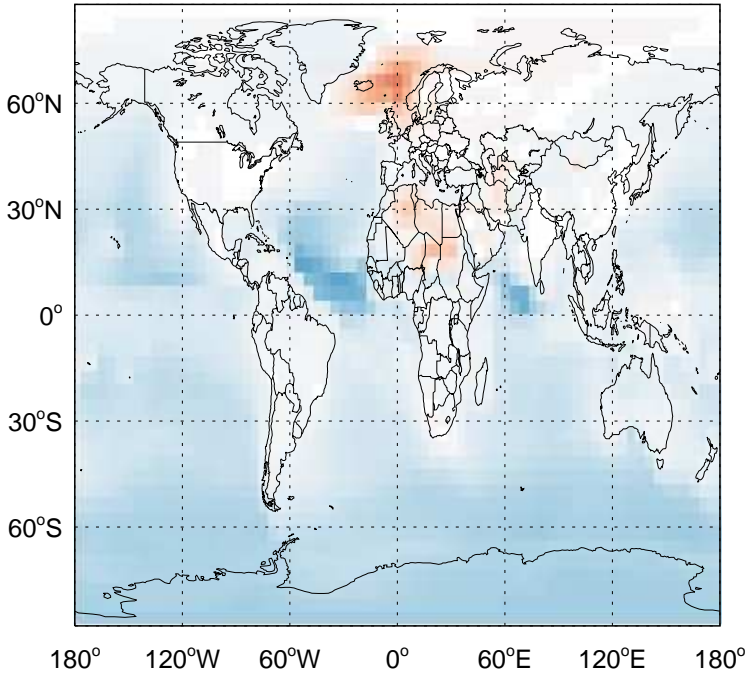
ALD2 / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

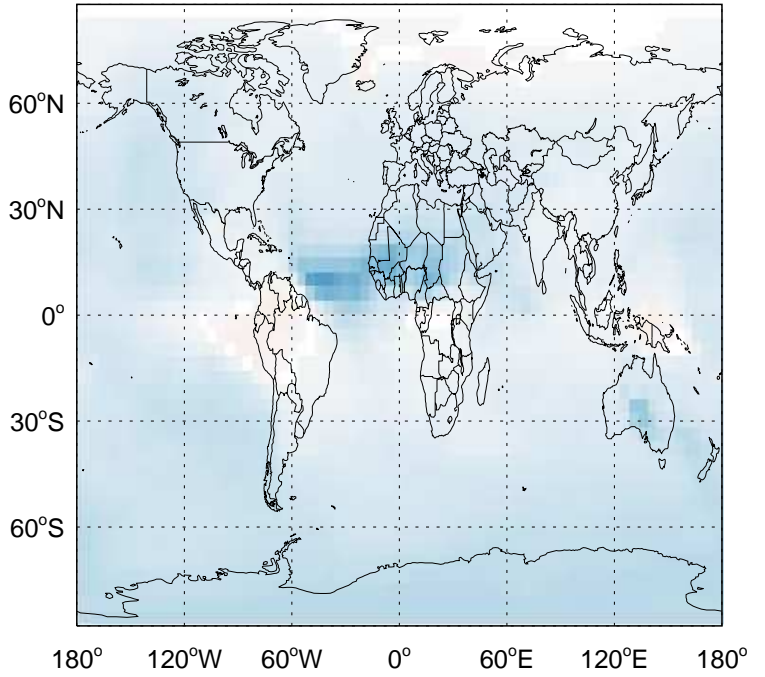
v11-02d / v11-02c

RCHO / Ratio @ Surface for Oct



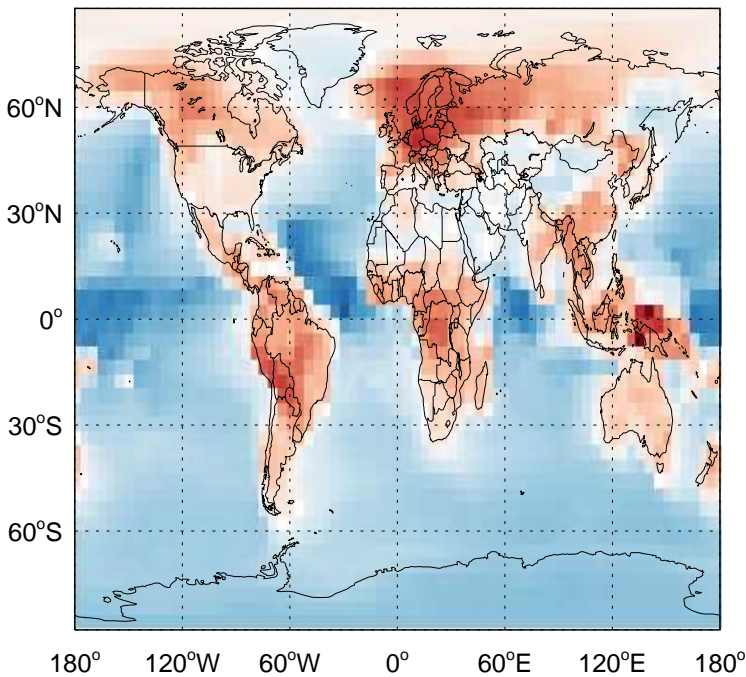
v11-02d / v11-02c

RCHO/ Ratio @ 500 hPa for Oct



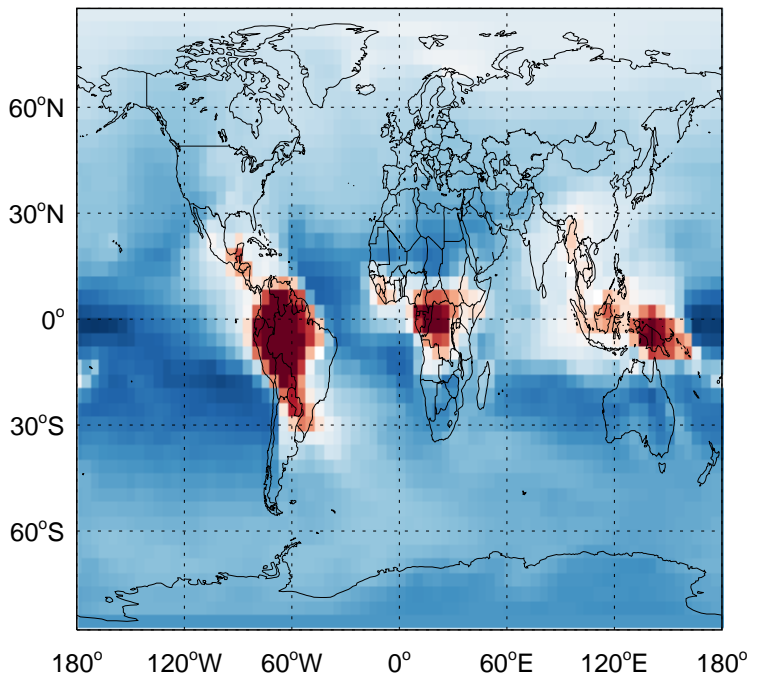
v11-02d / v11-02a

RCHO / Ratio @ Surface for Oct



v11-02d / v11-02a

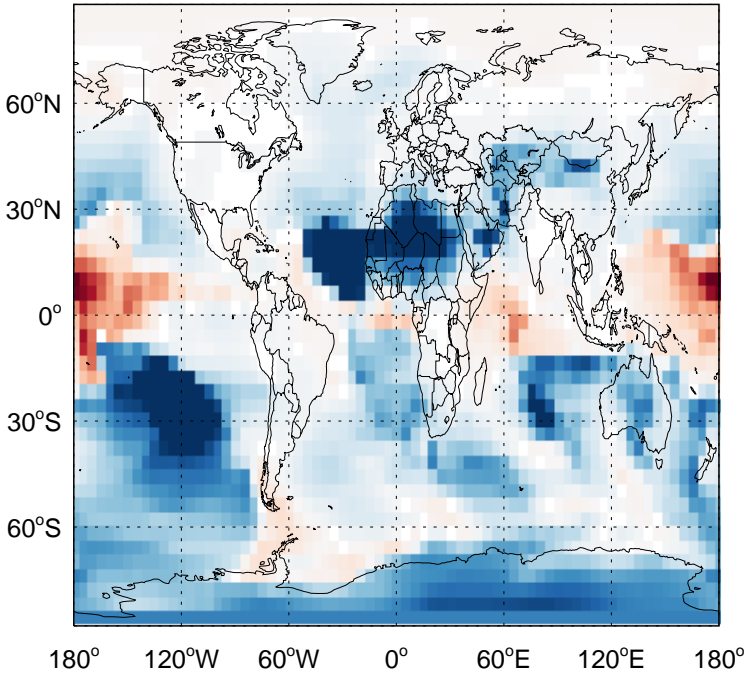
RCHO/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

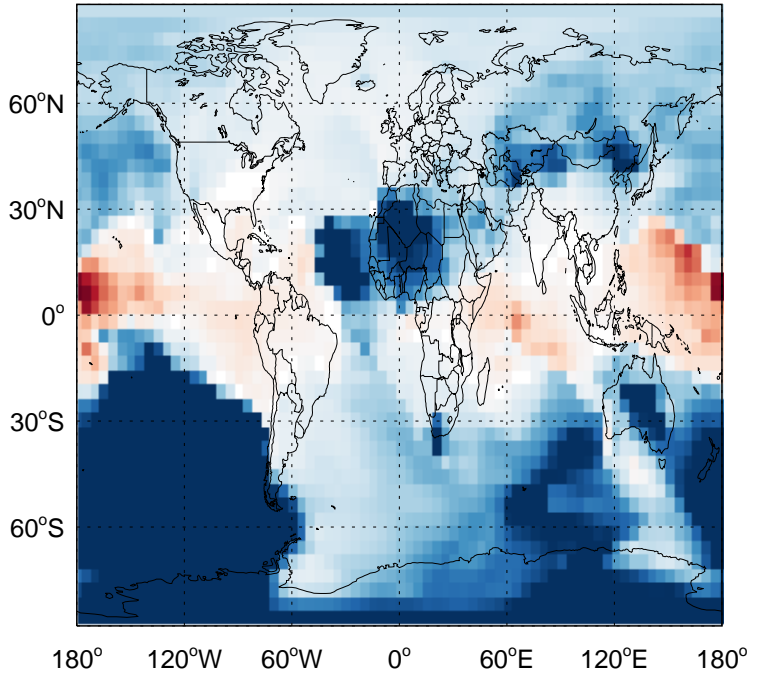
v11-02d / v11-02c

MVK / Ratio @ Surface for Oct



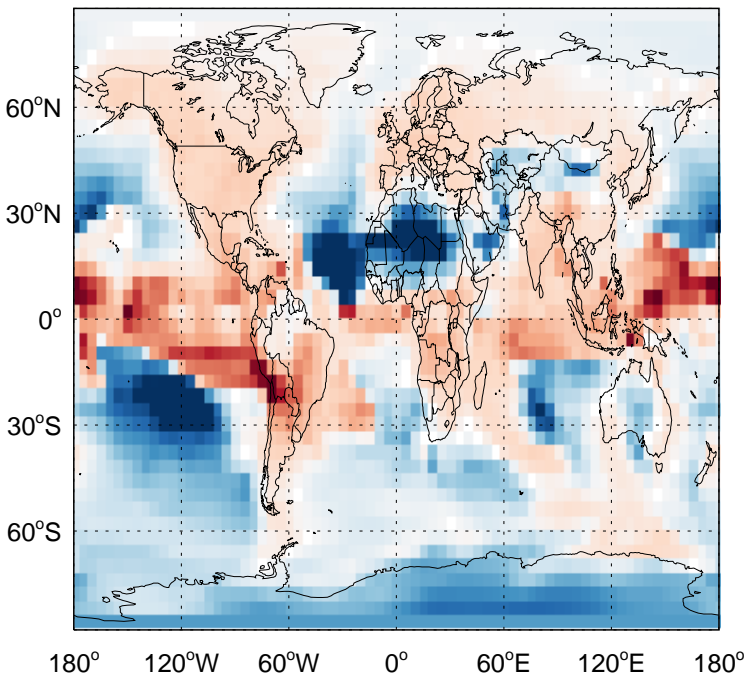
v11-02d / v11-02c

MVK/ Ratio @ 500 hPa for Oct



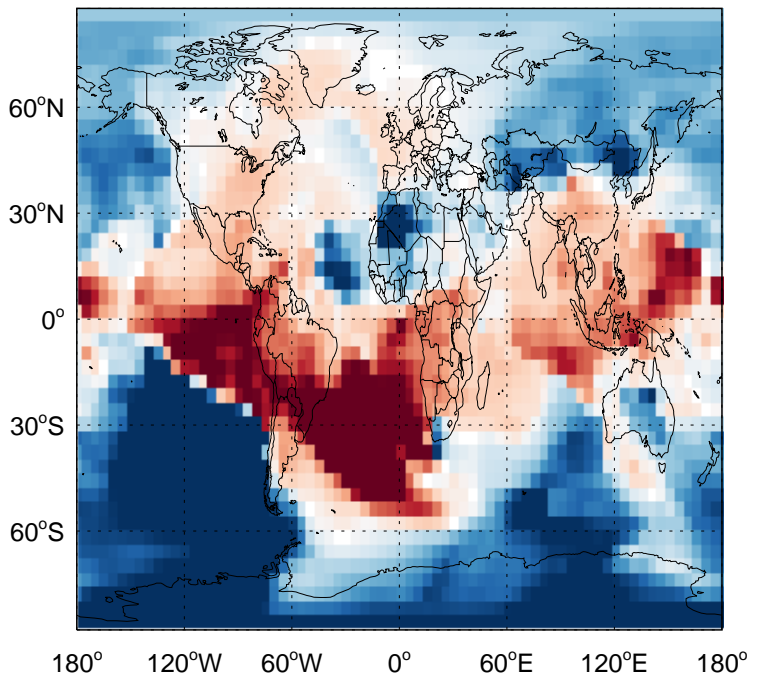
v11-02d / v11-02a

MVK / Ratio @ Surface for Oct



v11-02d / v11-02a

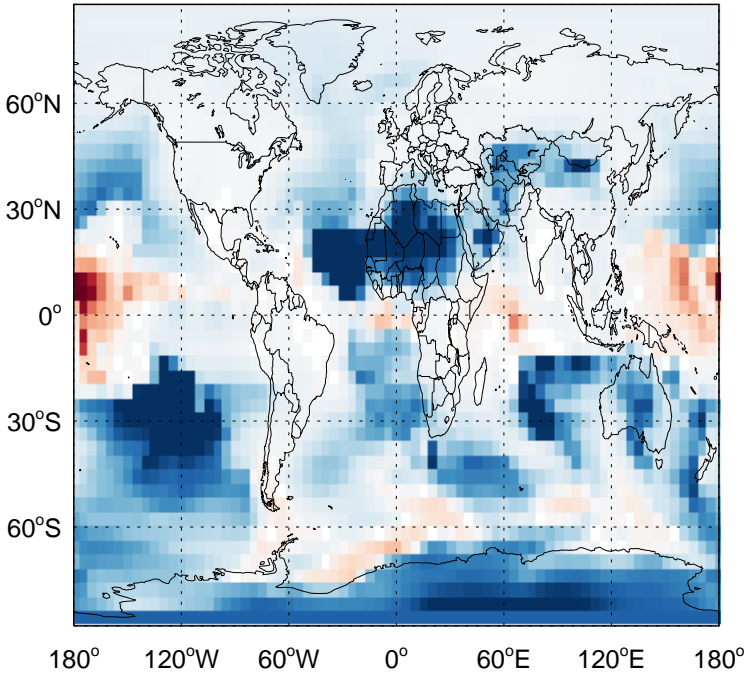
MVK/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

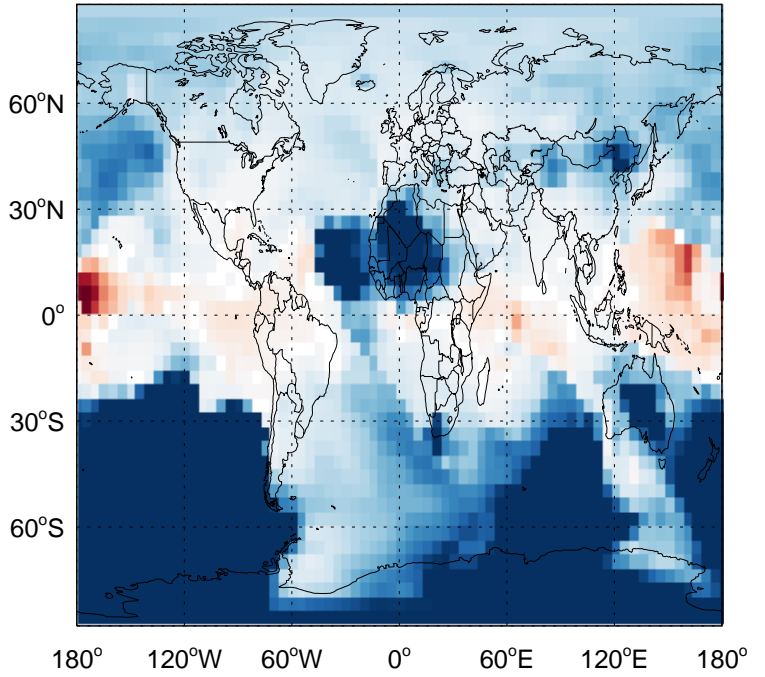
v11-02d / v11-02c

MACR / Ratio @ Surface for Oct



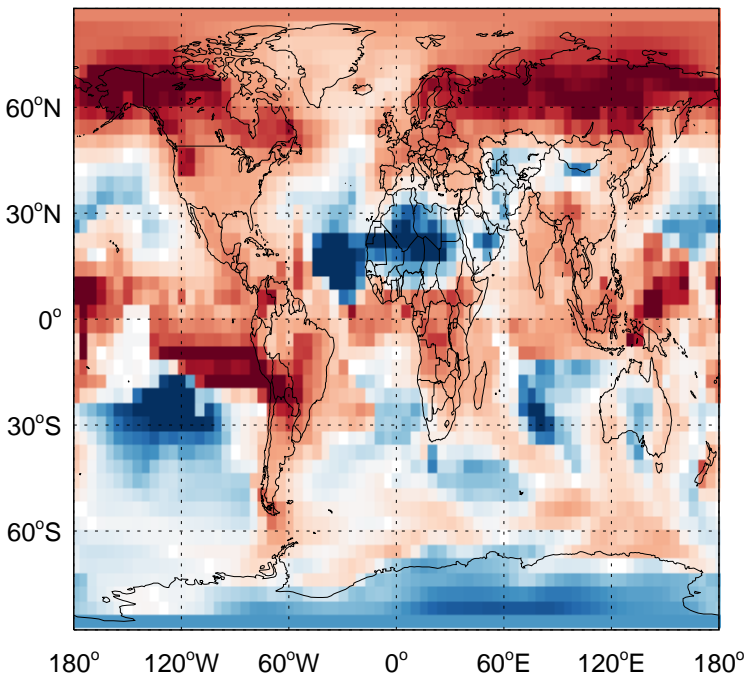
v11-02d / v11-02c

MACR/ Ratio @ 500 hPa for Oct



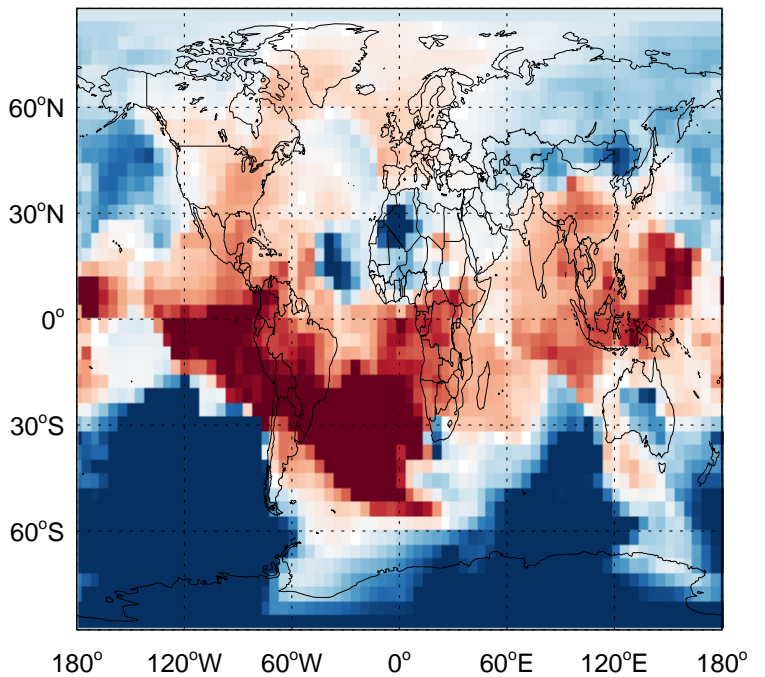
v11-02d / v11-02a

MACR / Ratio @ Surface for Oct



v11-02d / v11-02a

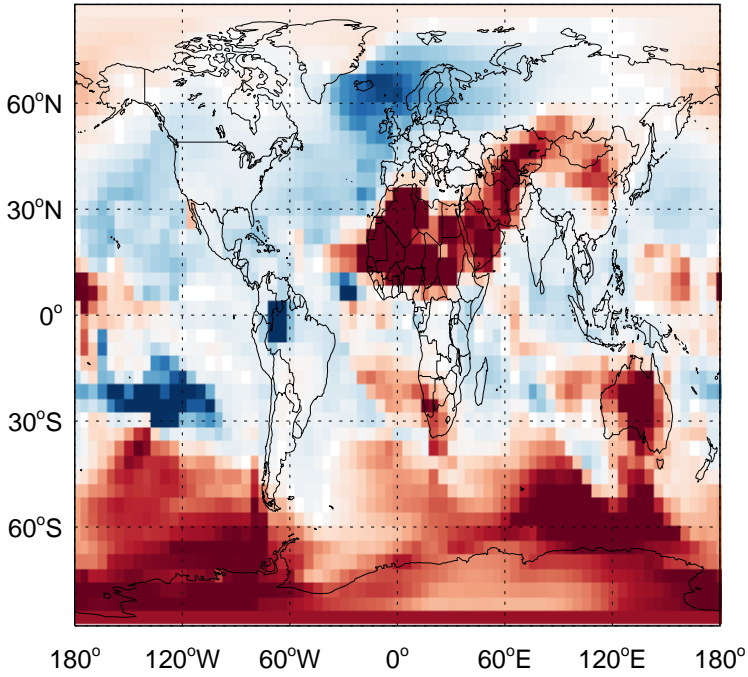
MACR/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

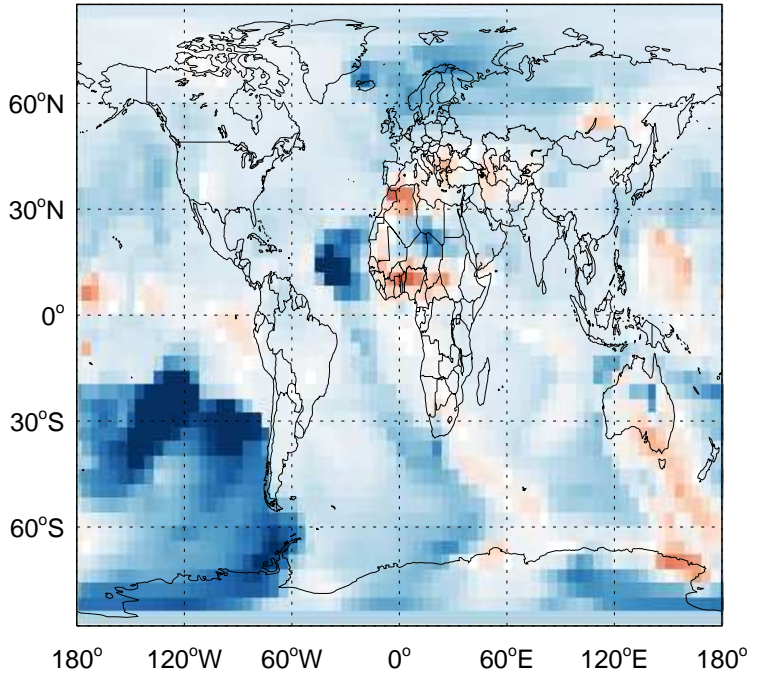
v11-02d / v11-02c

NPMN / Ratio @ Surface for Oct



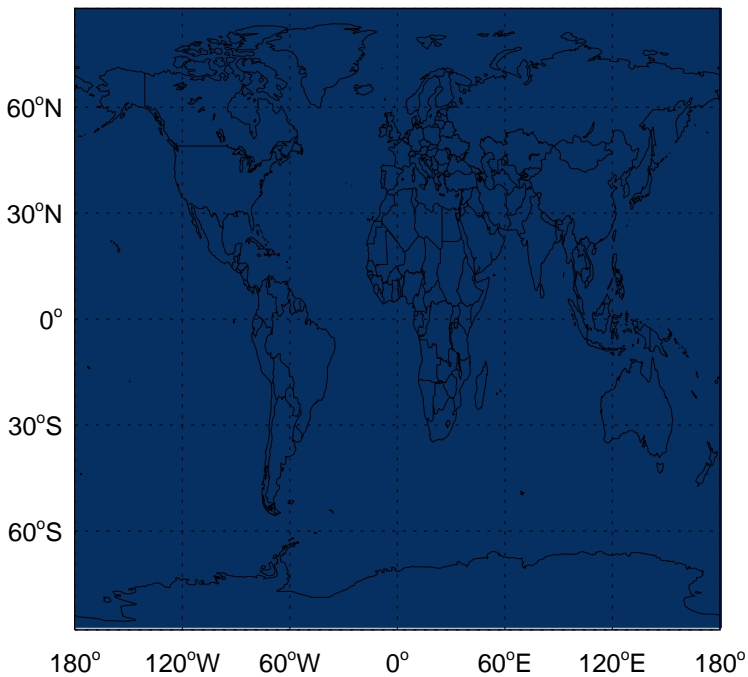
v11-02d / v11-02c

NPMN/ Ratio @ 500 hPa for Oct



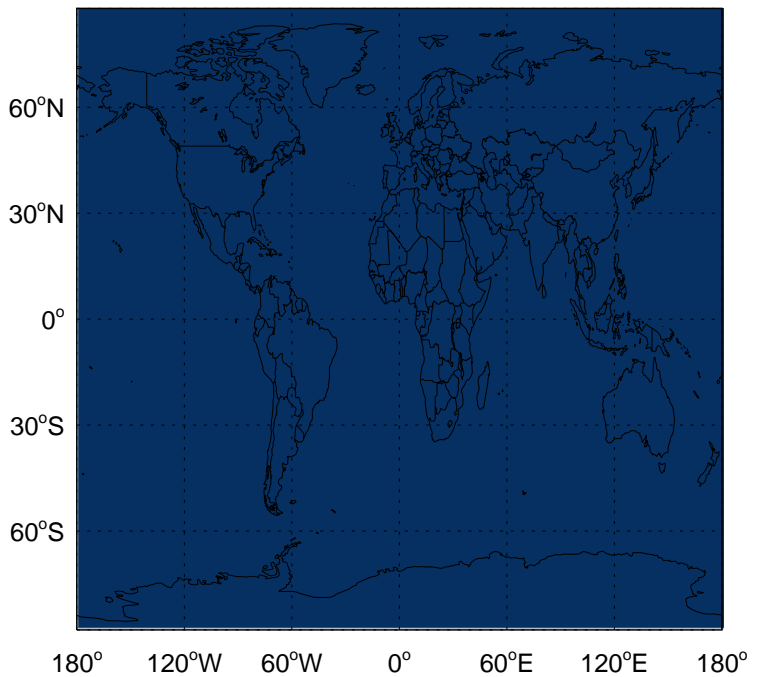
v11-02d / v11-02a

NPMN / Ratio @ Surface for Oct



v11-02d / v11-02a

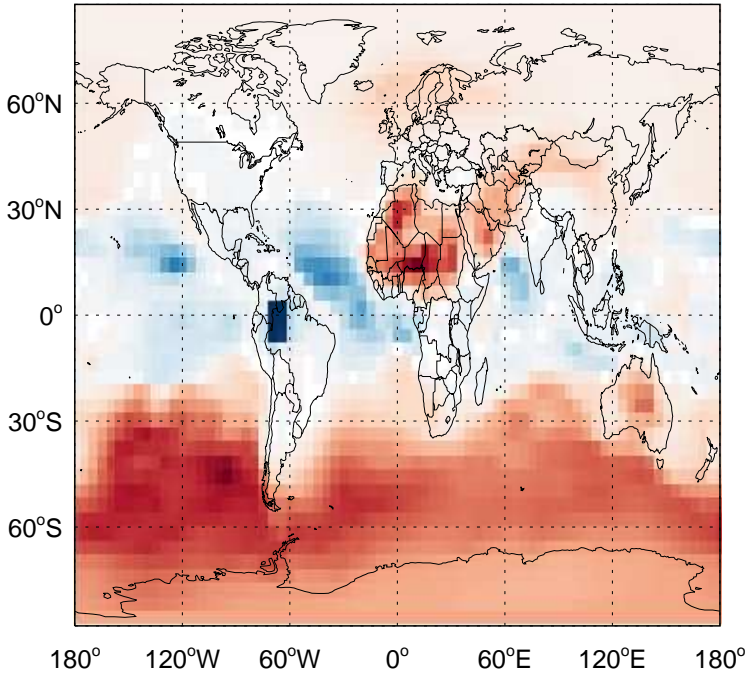
NPMN/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

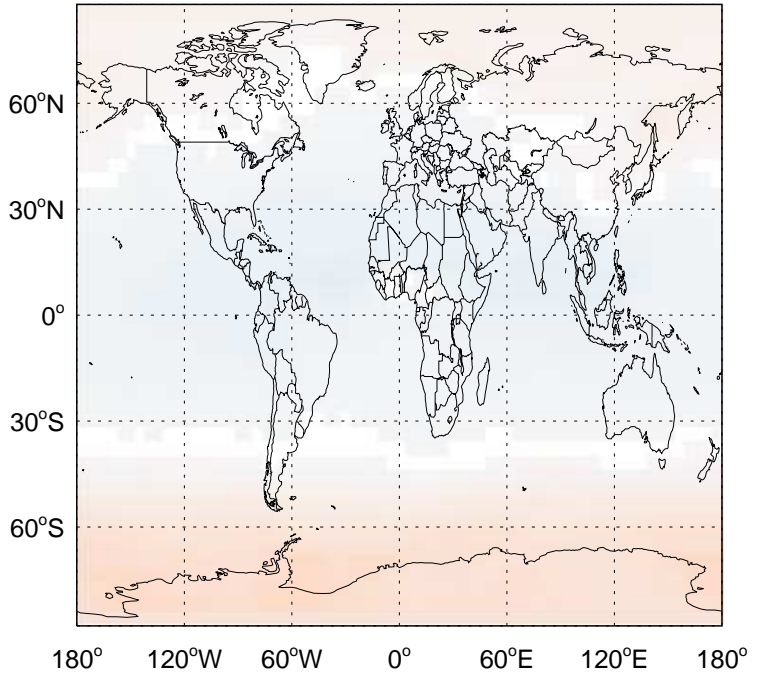
v11-02d / v11-02c

PPN / Ratio @ Surface for Oct



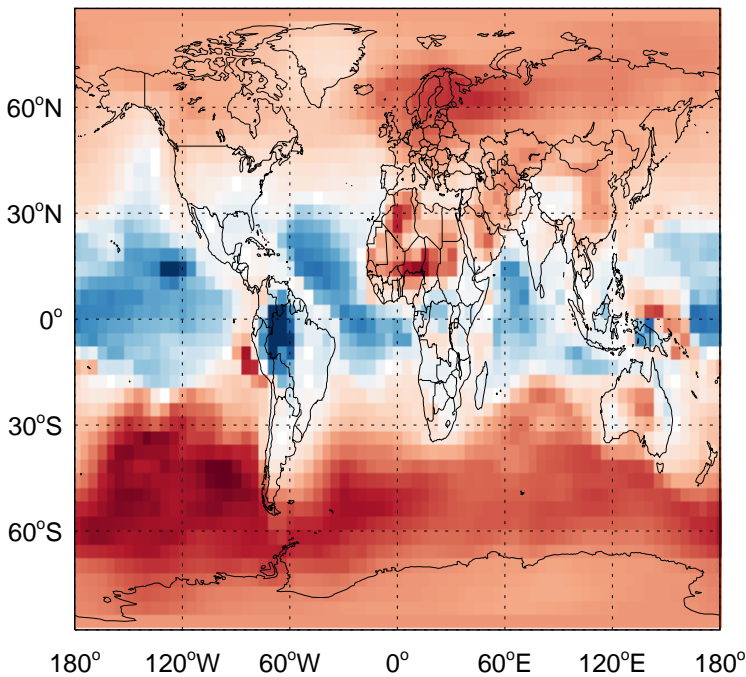
v11-02d / v11-02c

PPN/ Ratio @ 500 hPa for Oct



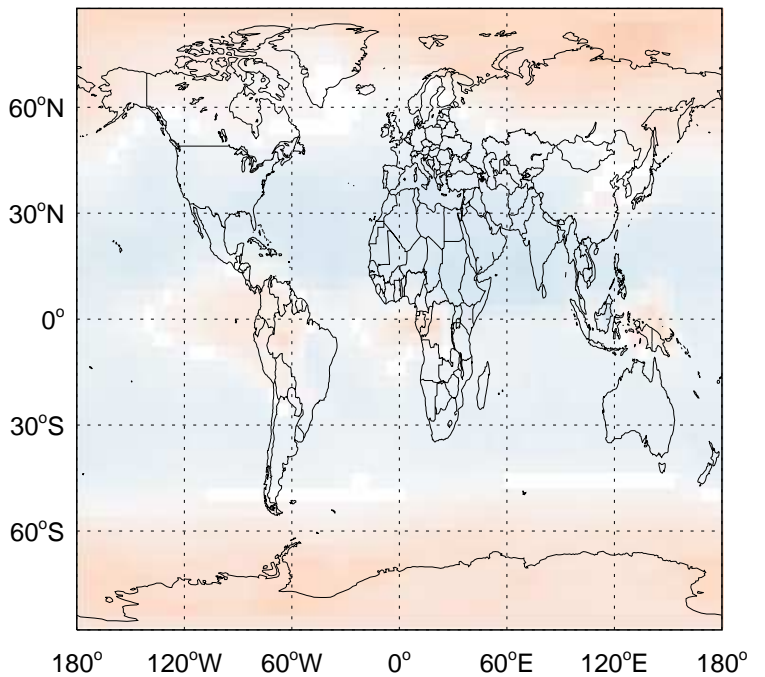
v11-02d / v11-02a

PPN / Ratio @ Surface for Oct



v11-02d / v11-02a

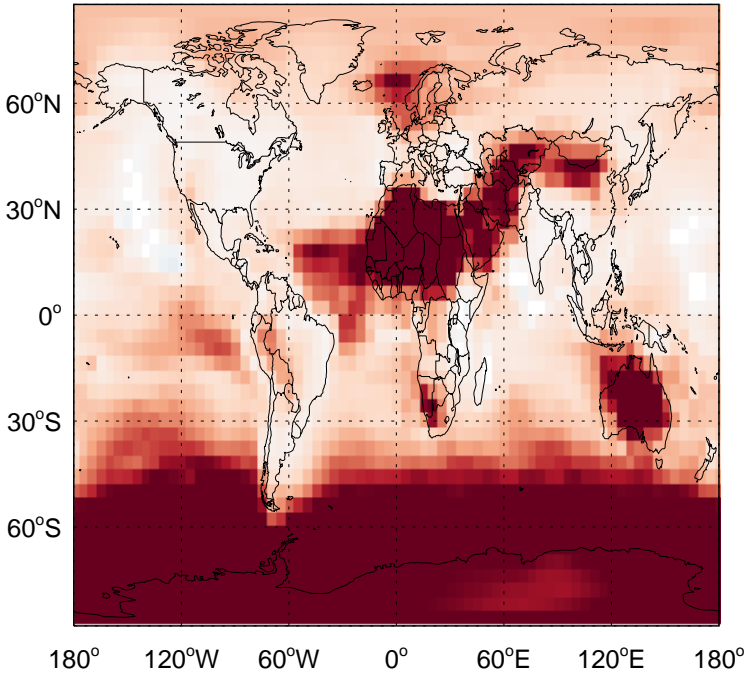
PPN/ Ratio @ 500 hPa for Oct



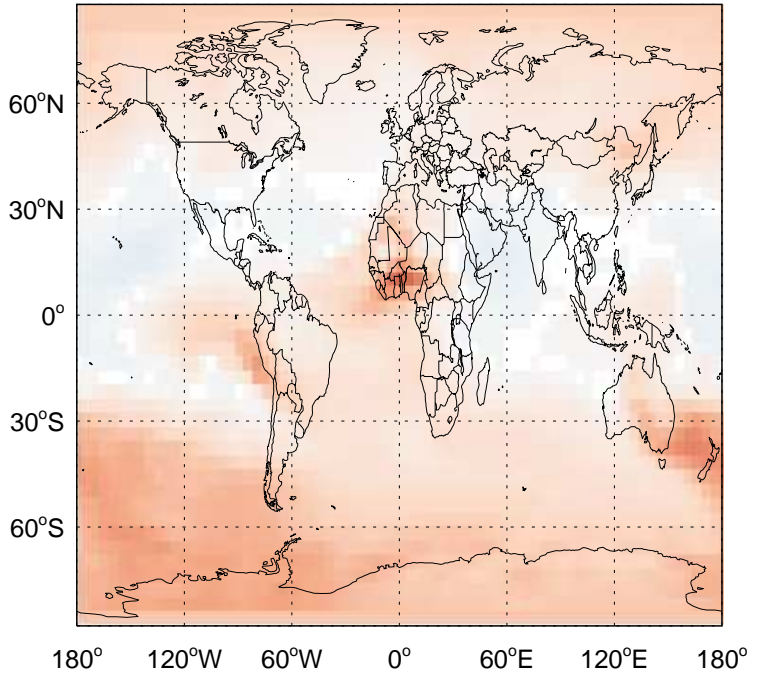


# GEOS-Chem Ratio Maps at surface and 500 hPa

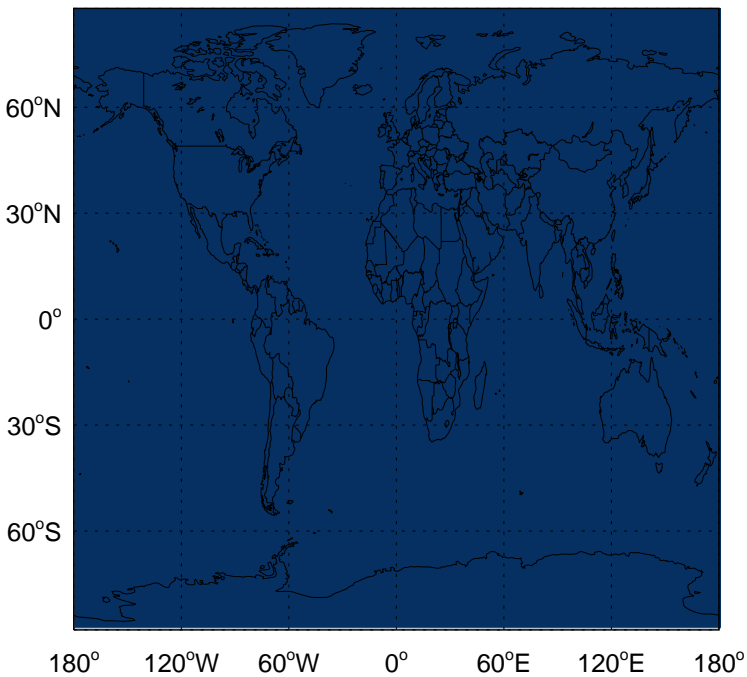
v11-02d / v11-02c  
R4N2 / Ratio @ Surface for Oct



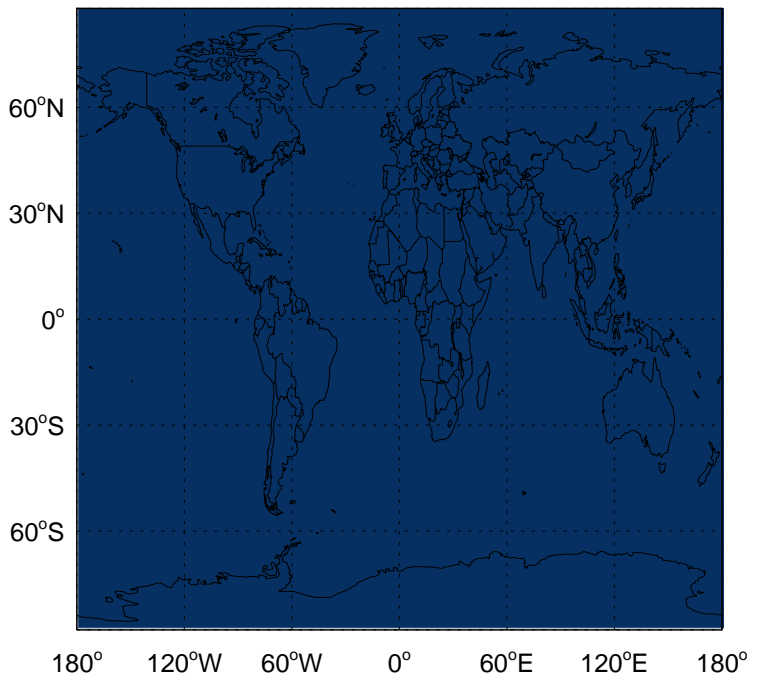
v11-02d / v11-02c  
R4N2/ Ratio @ 500 hPa for Oct



v11-02d / v11-02a  
R4N2 / Ratio @ Surface for Oct



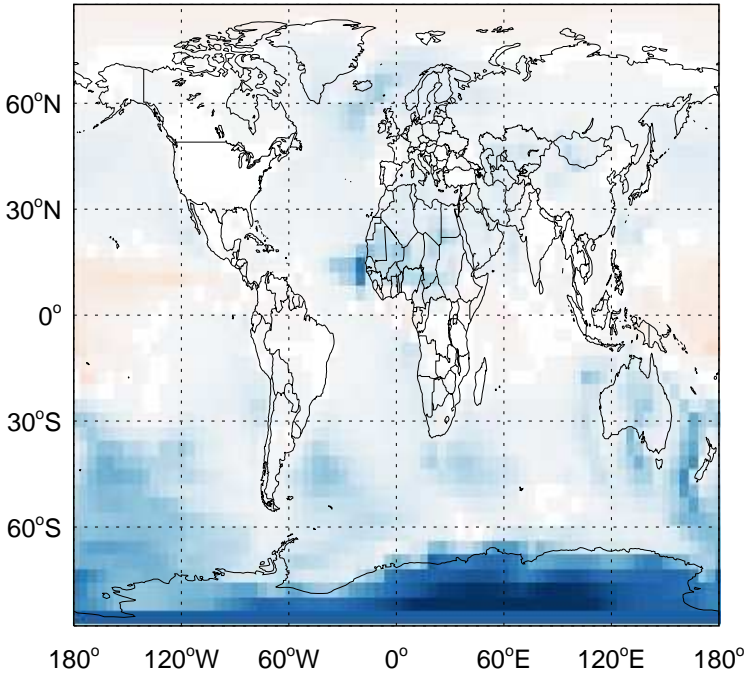
v11-02d / v11-02a  
R4N2/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

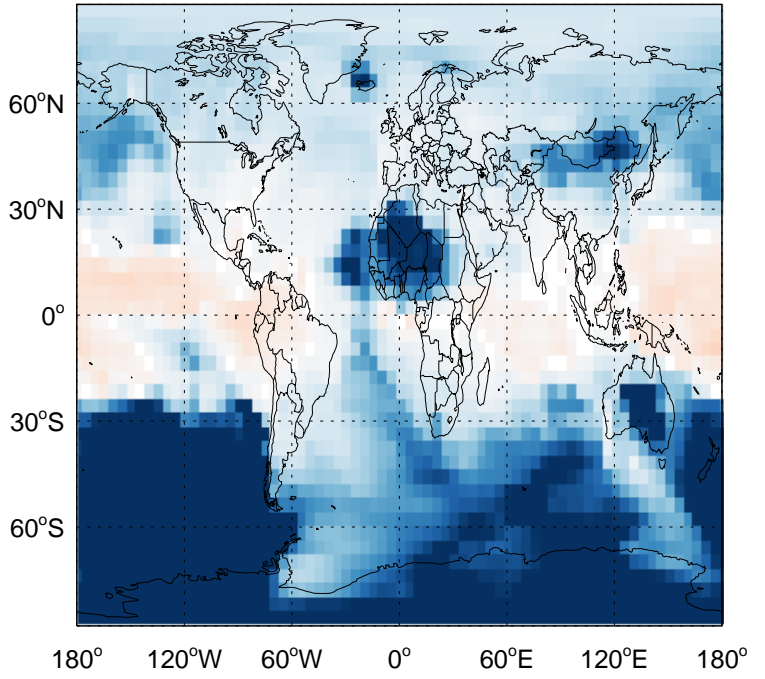
v11-02d / v11-02c

PRPE / Ratio @ Surface for Oct



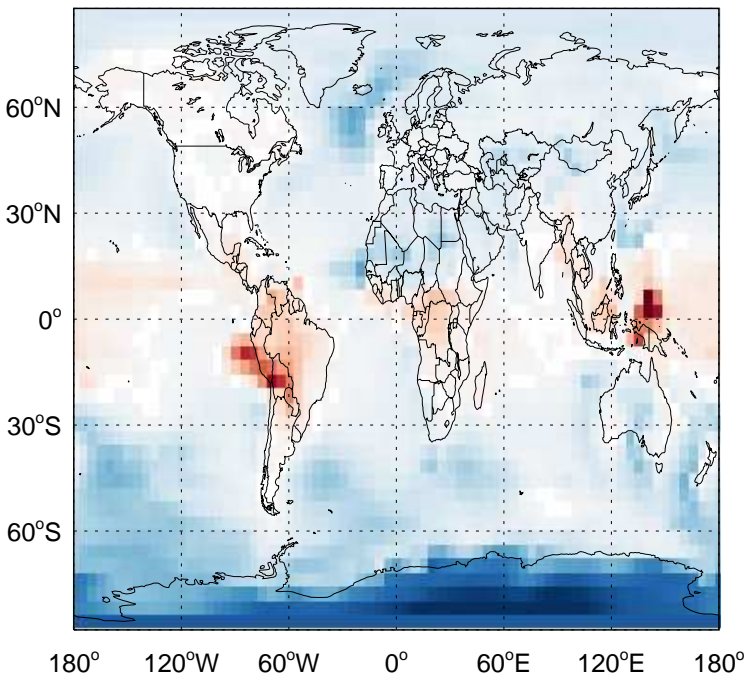
v11-02d / v11-02c

PRPE/ Ratio @ 500 hPa for Oct



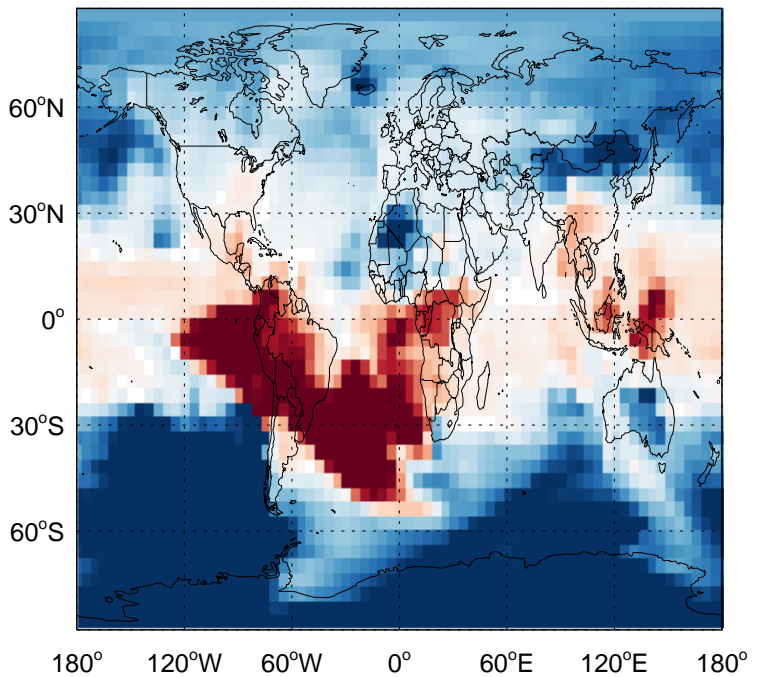
v11-02d / v11-02a

PRPE / Ratio @ Surface for Oct



v11-02d / v11-02a

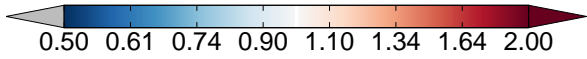
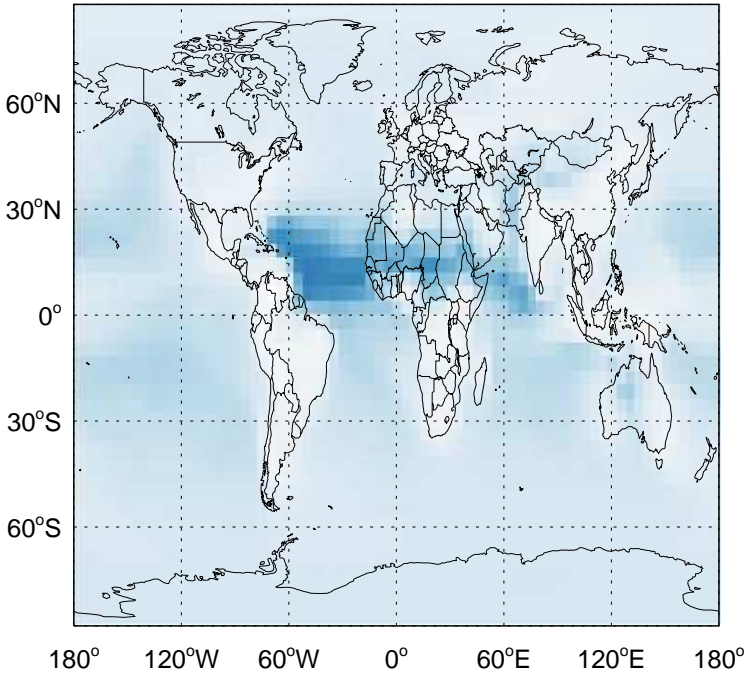
PRPE/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

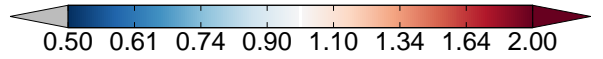
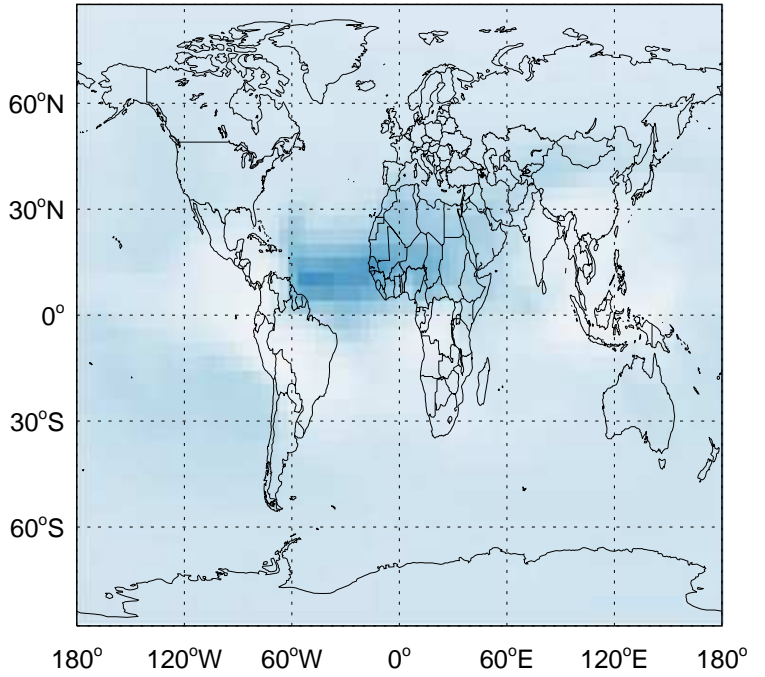
v11-02d / v11-02c

C3H8 / Ratio @ Surface for Oct



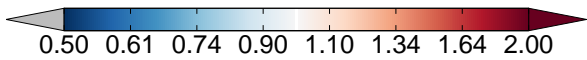
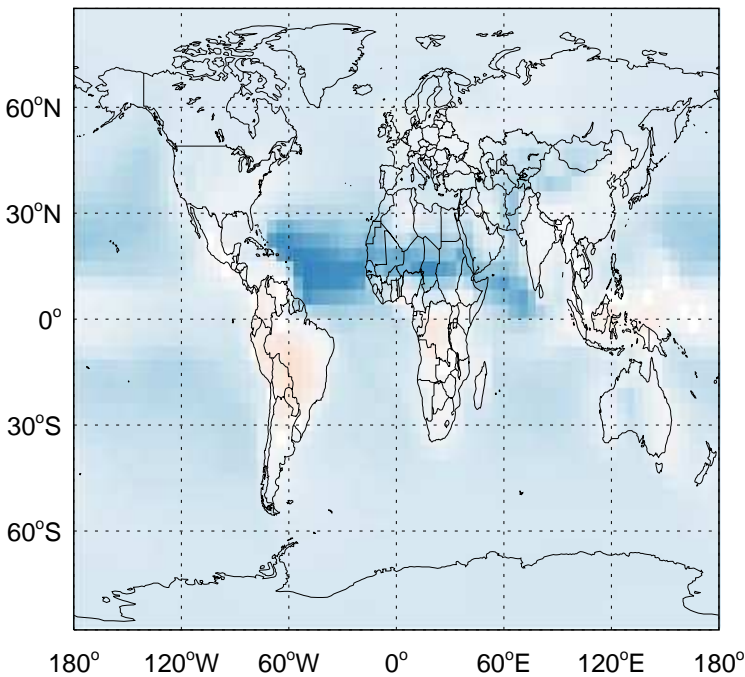
v11-02d / v11-02c

C3H8/ Ratio @ 500 hPa for Oct



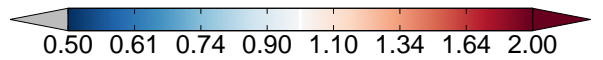
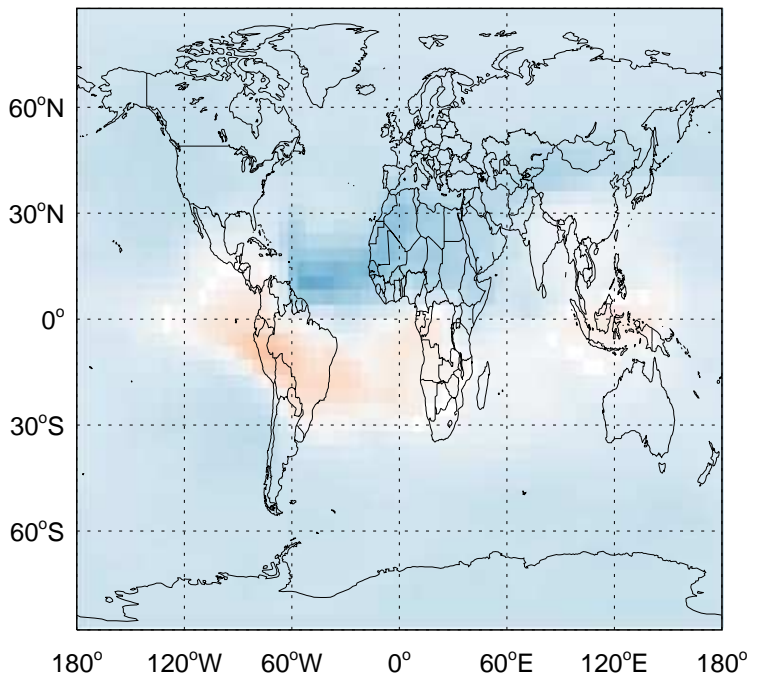
v11-02d / v11-02a

C3H8 / Ratio @ Surface for Oct



v11-02d / v11-02a

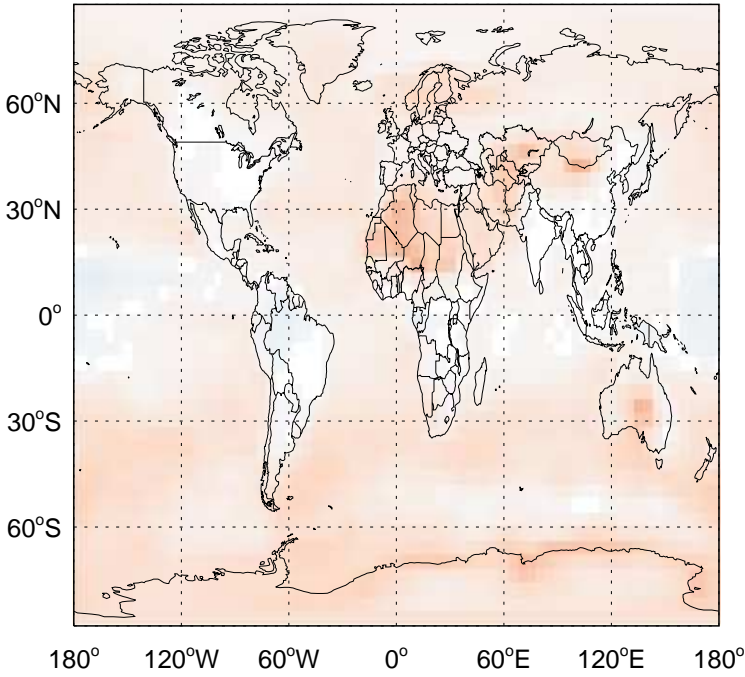
C3H8/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

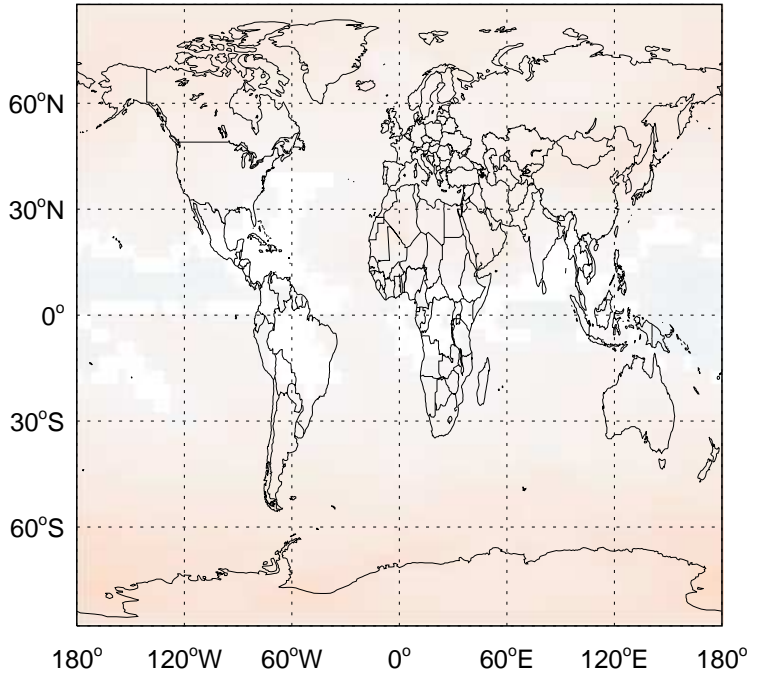
v11-02d / v11-02c

CH<sub>2</sub>O / Ratio @ Surface for Oct



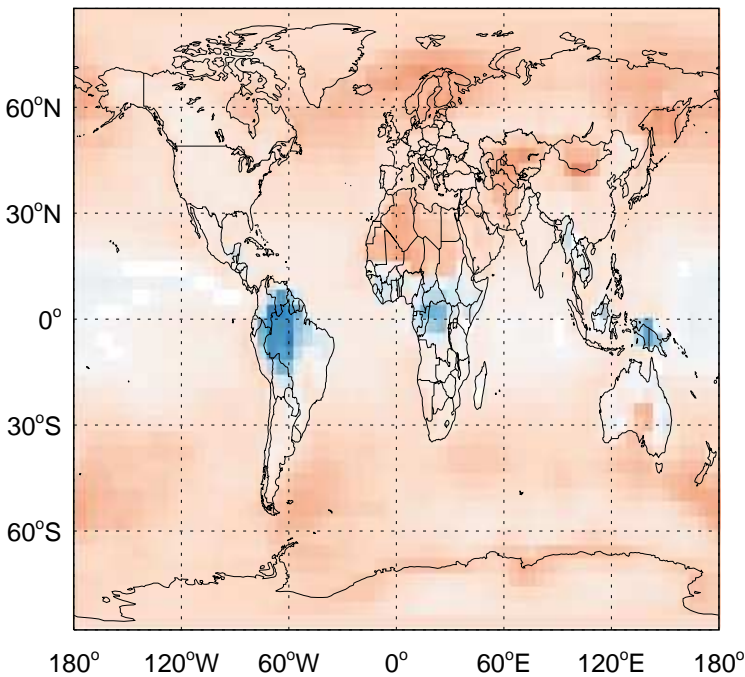
v11-02d / v11-02c

CH<sub>2</sub>O / Ratio @ 500 hPa for Oct



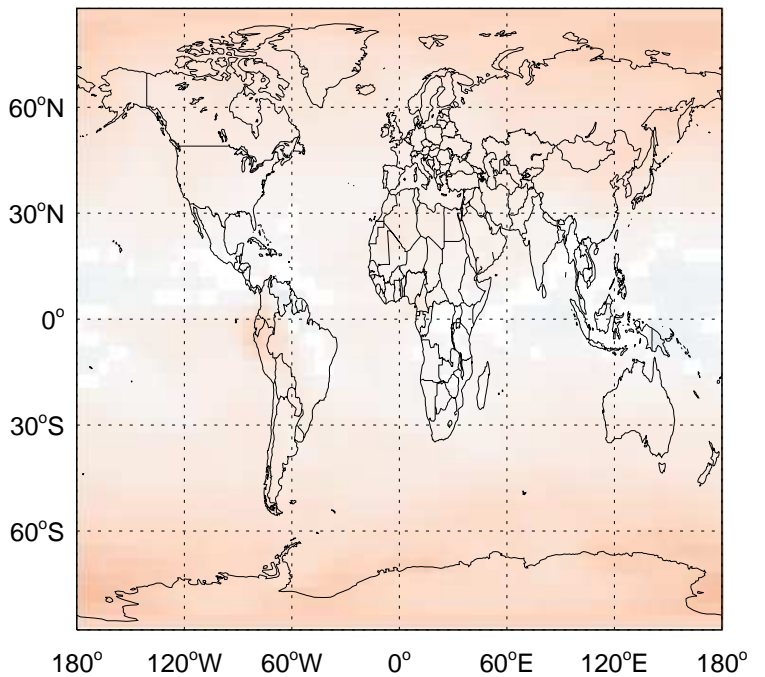
v11-02d / v11-02a

CH<sub>2</sub>O / Ratio @ Surface for Oct



v11-02d / v11-02a

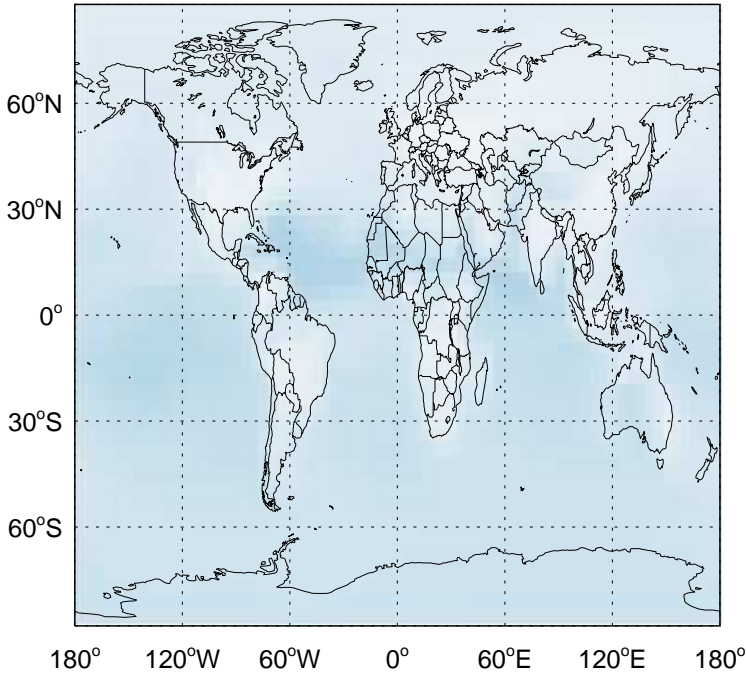
CH<sub>2</sub>O / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

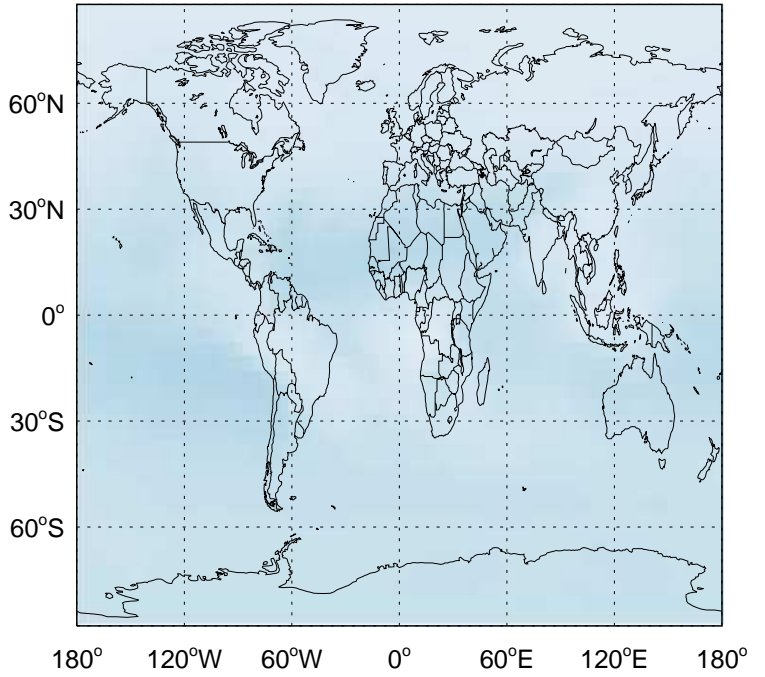
v11-02d / v11-02c

C2H6 / Ratio @ Surface for Oct



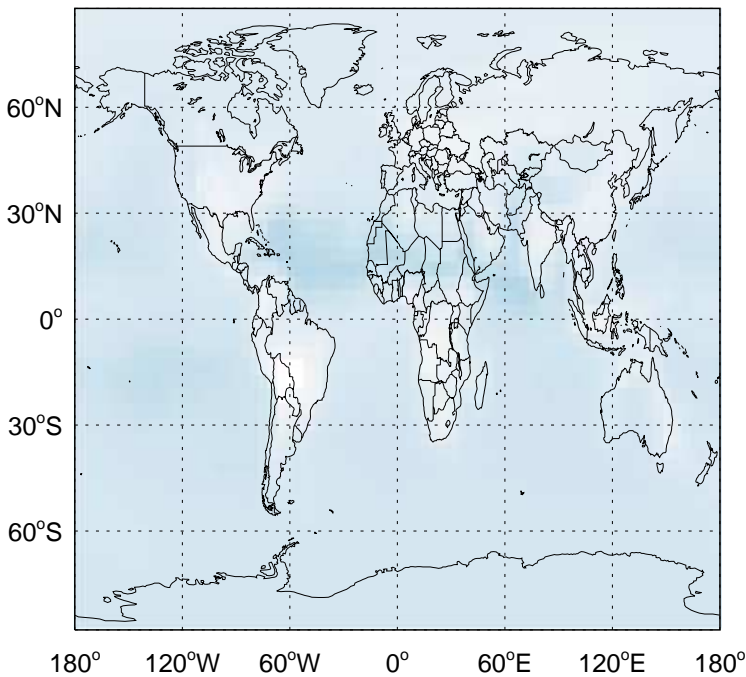
v11-02d / v11-02c

C2H6/ Ratio @ 500 hPa for Oct



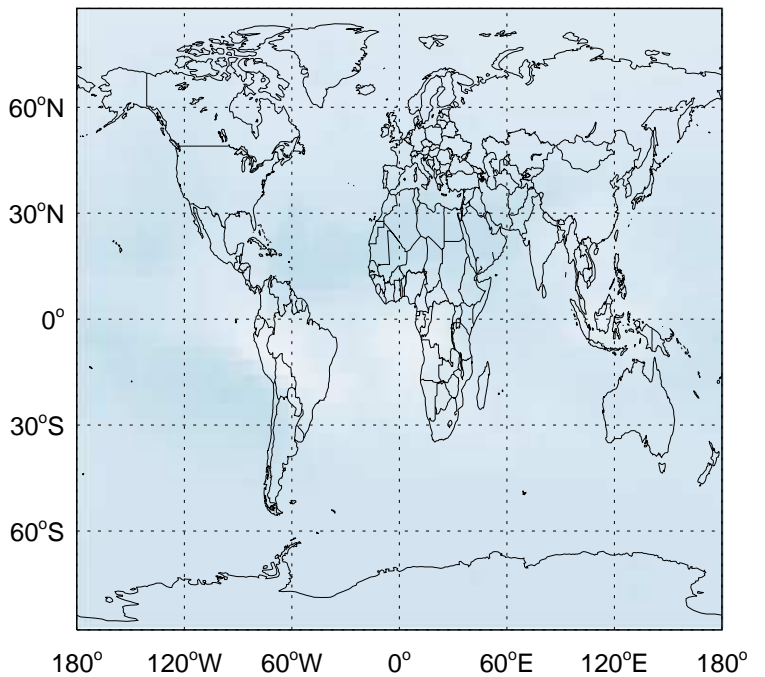
v11-02d / v11-02a

C2H6 / Ratio @ Surface for Oct



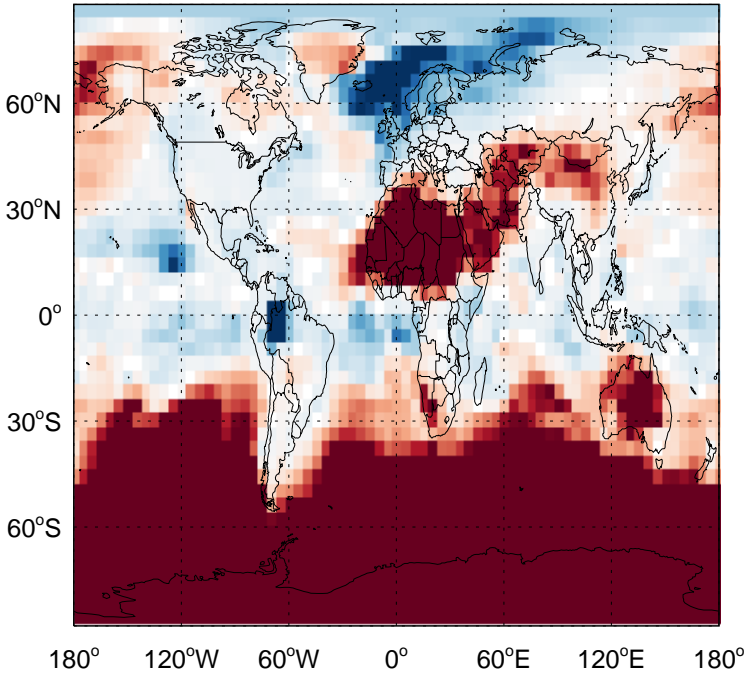
v11-02d / v11-02a

C2H6/ Ratio @ 500 hPa for Oct

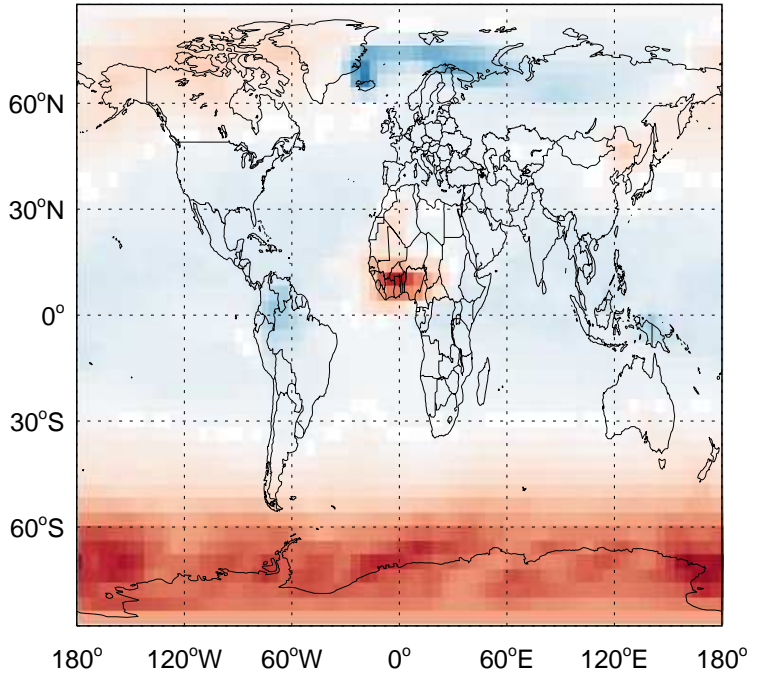


# GEOS-Chem Ratio Maps at surface and 500 hPa

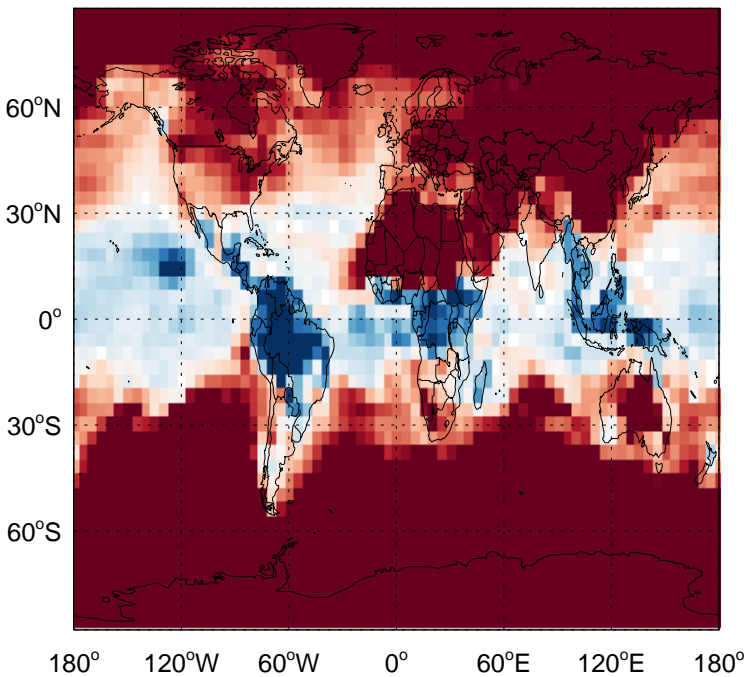
v11-02d / v11-02c  
N2O5 / Ratio @ Surface for Oct



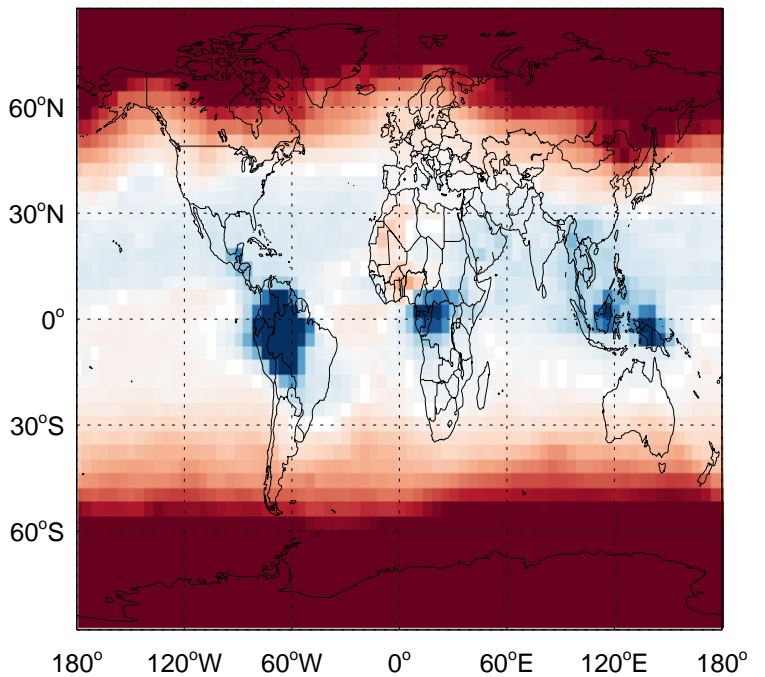
v11-02d / v11-02c  
N2O5/ Ratio @ 500 hPa for Oct



v11-02d / v11-02a  
N2O5 / Ratio @ Surface for Oct

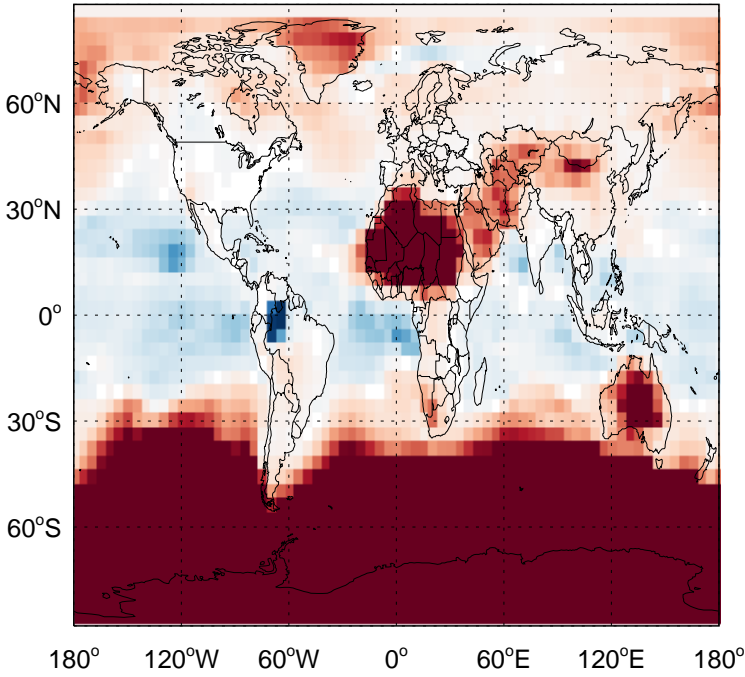


v11-02d / v11-02a  
N2O5/ Ratio @ 500 hPa for Oct

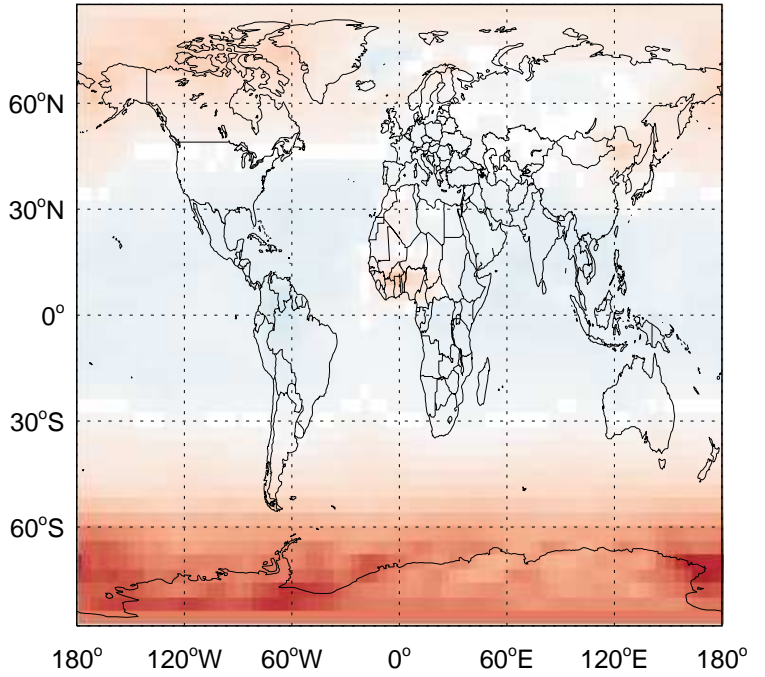


# GEOS-Chem Ratio Maps at surface and 500 hPa

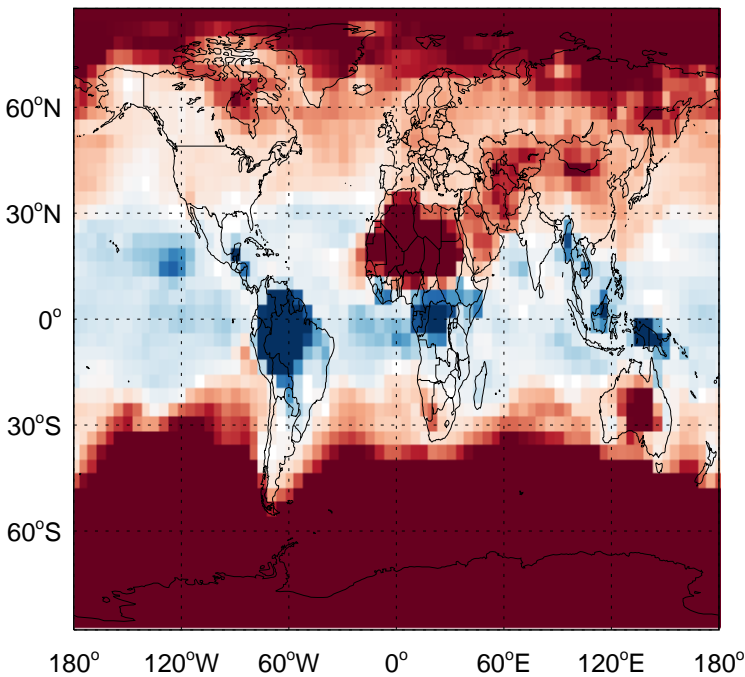
v11-02d / v11-02c  
HNO<sub>4</sub> / Ratio @ Surface for Oct



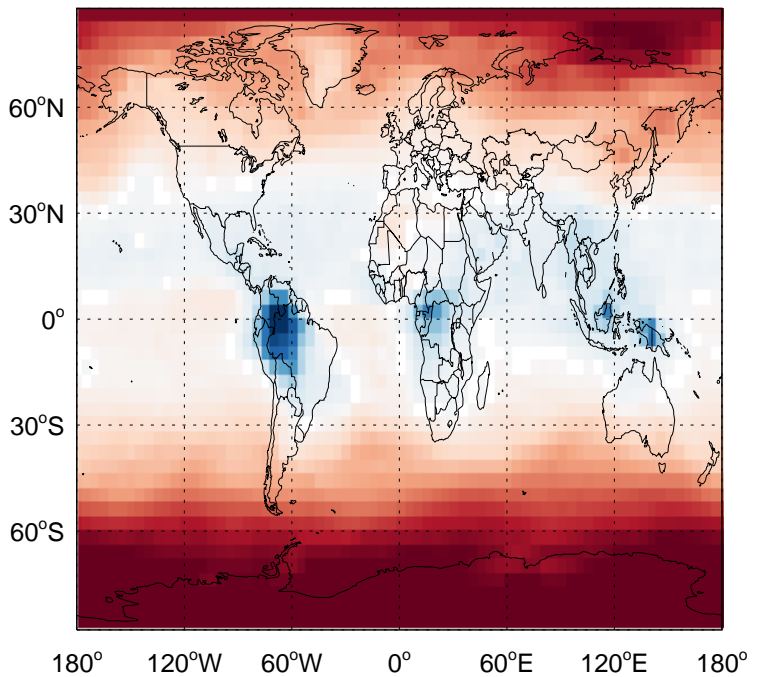
v11-02d / v11-02c  
HNO<sub>4</sub> / Ratio @ 500 hPa for Oct



v11-02d / v11-02a  
HNO<sub>4</sub> / Ratio @ Surface for Oct



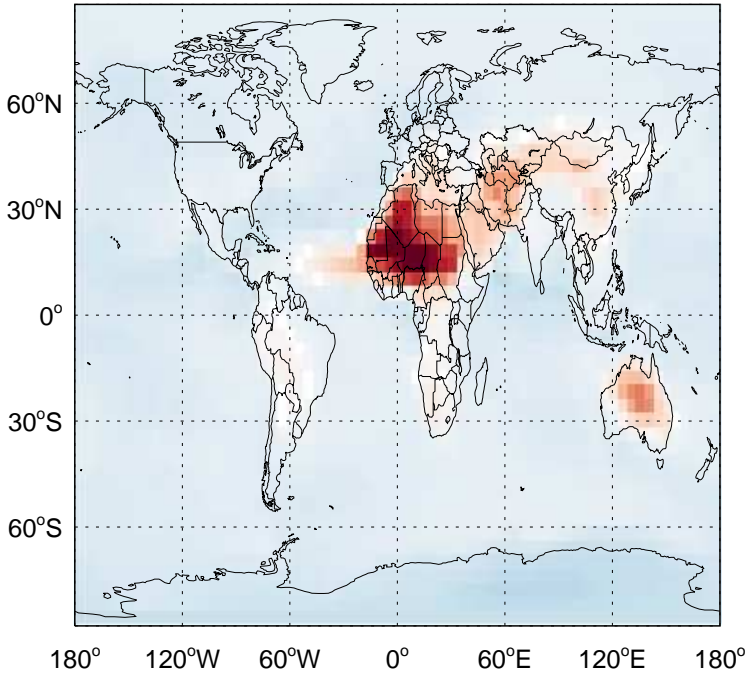
v11-02d / v11-02a  
HNO<sub>4</sub> / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

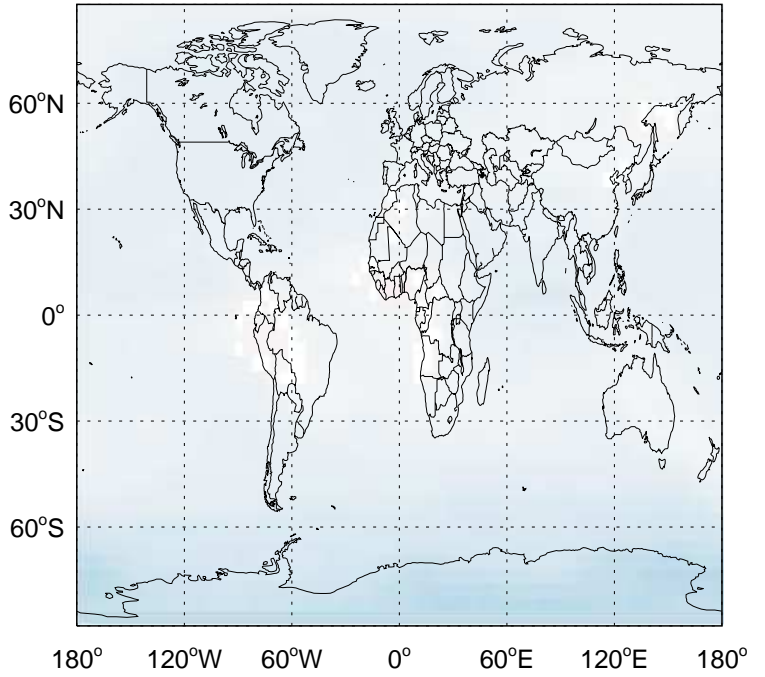
v11-02d / v11-02c

MP / Ratio @ Surface for Oct



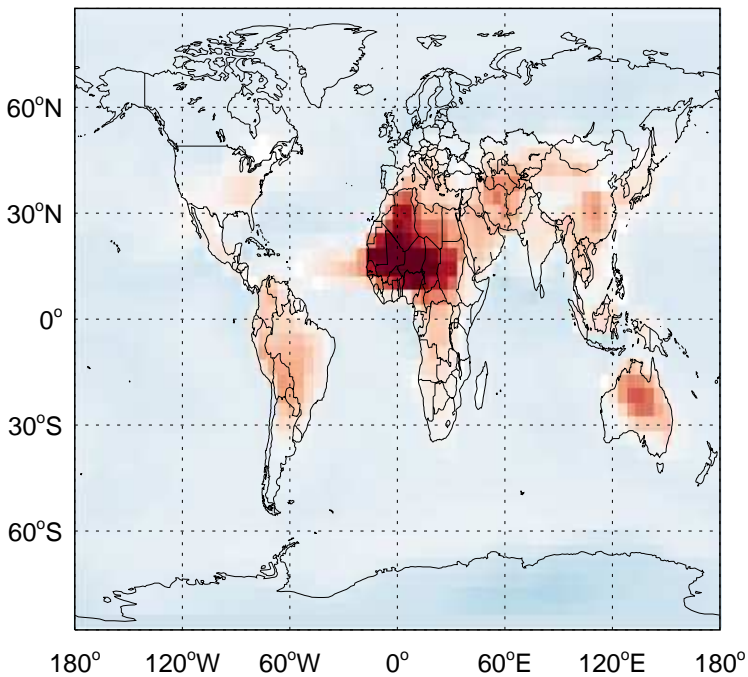
v11-02d / v11-02c

MP/ Ratio @ 500 hPa for Oct



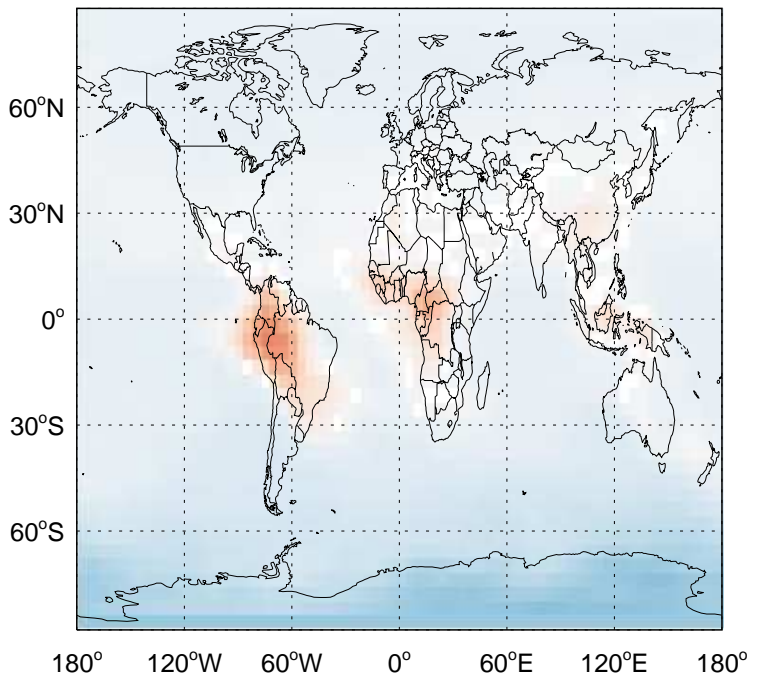
v11-02d / v11-02a

MP / Ratio @ Surface for Oct



v11-02d / v11-02a

MP/ Ratio @ 500 hPa for Oct

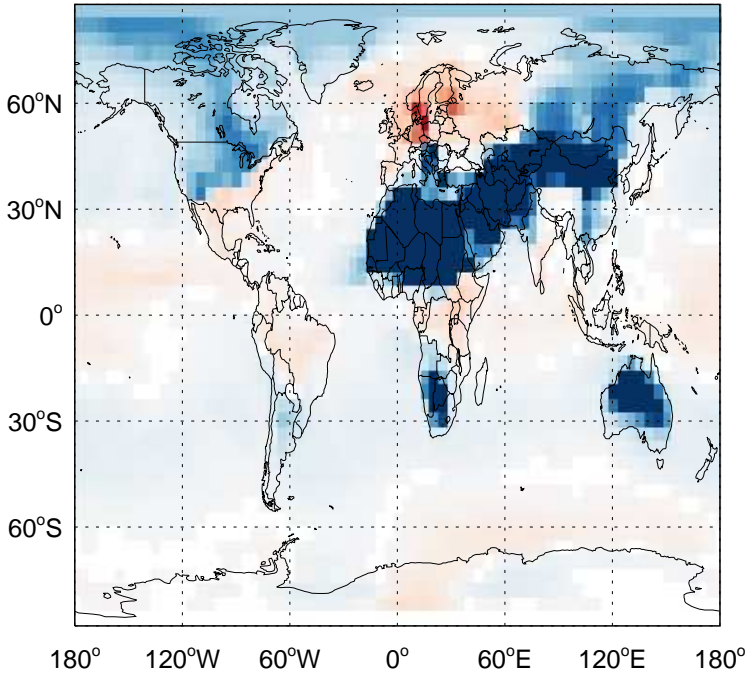




# GEOS-Chem Ratio Maps at surface and 500 hPa

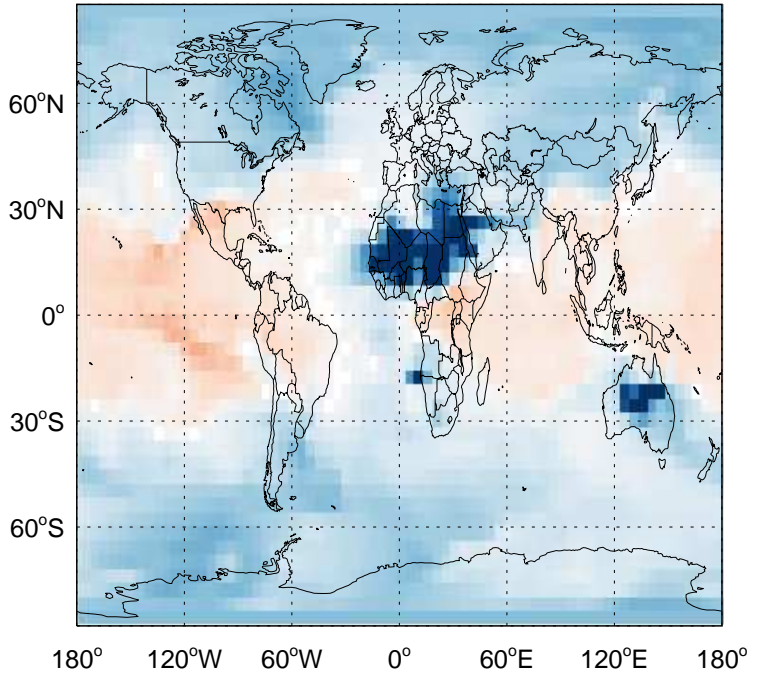
v11-02d / v11-02c

DMS / Ratio @ Surface for Oct



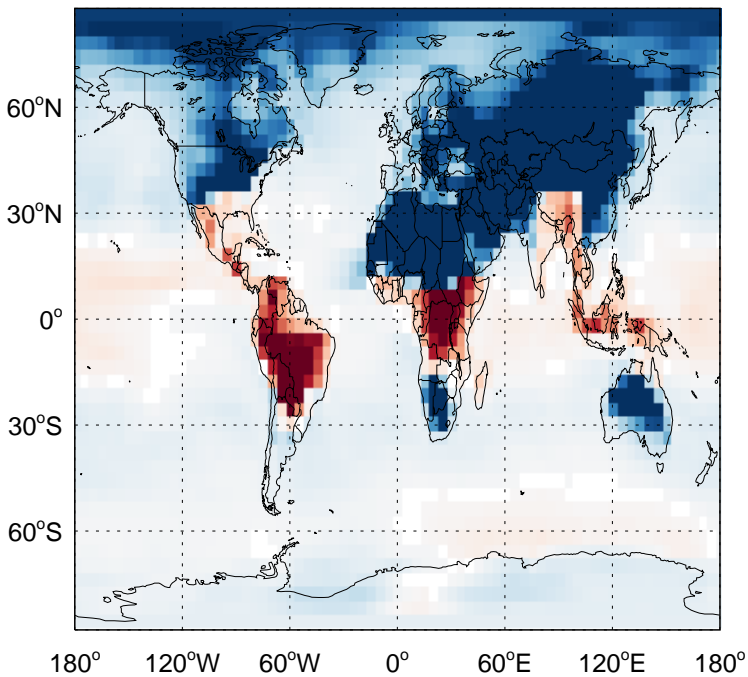
v11-02d / v11-02c

DMS/ Ratio @ 500 hPa for Oct



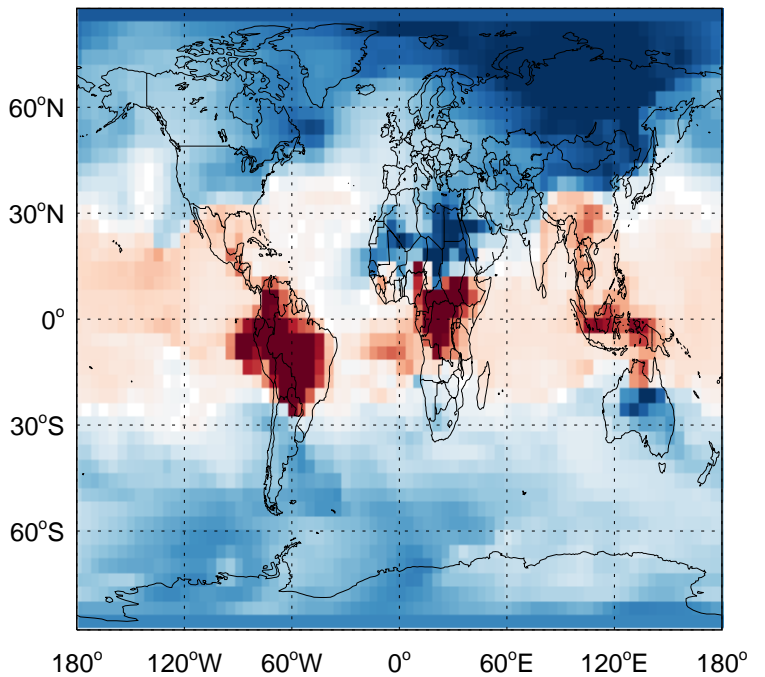
v11-02d / v11-02a

DMS / Ratio @ Surface for Oct



v11-02d / v11-02a

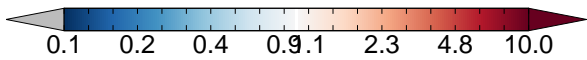
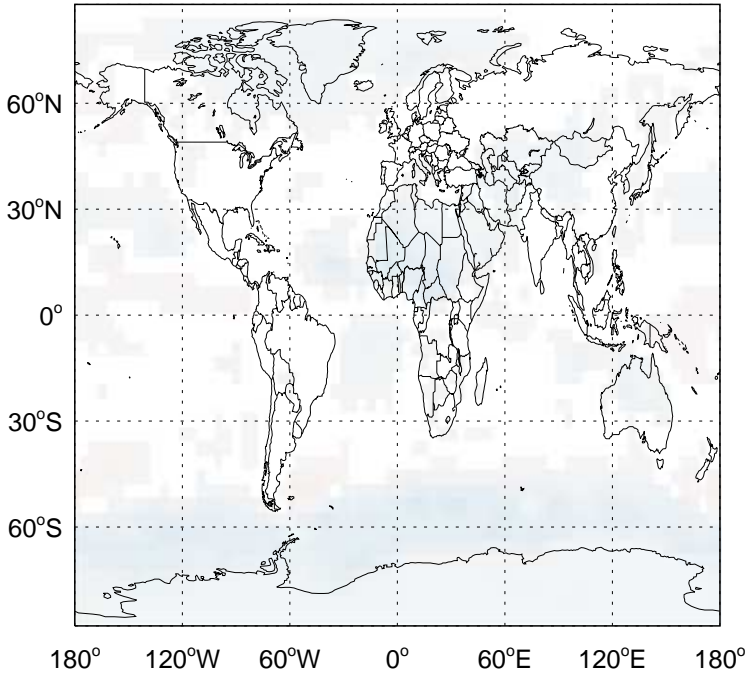
DMS/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

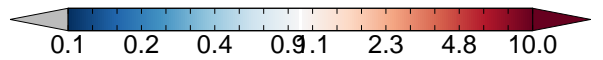
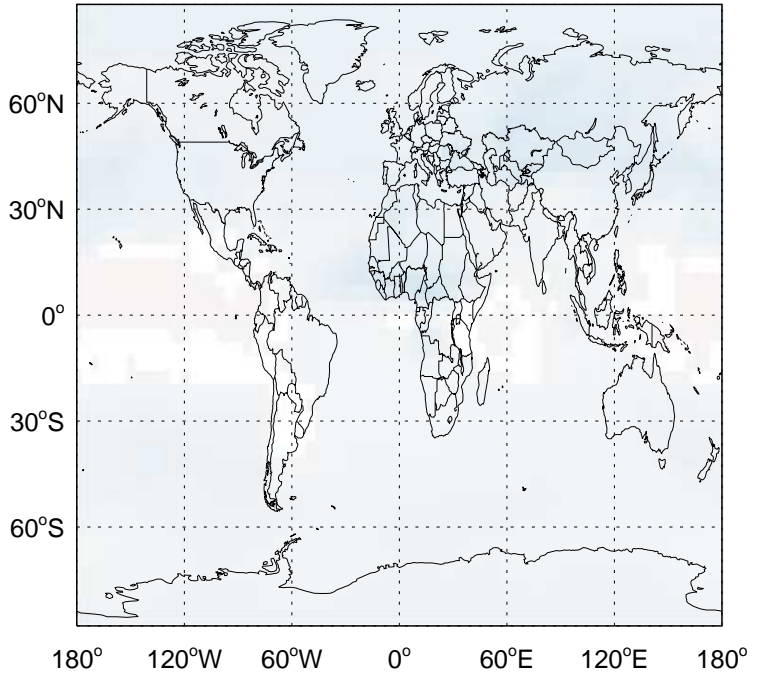
v11-02d / v11-02c

SO<sub>2</sub> / Ratio @ Surface for Oct



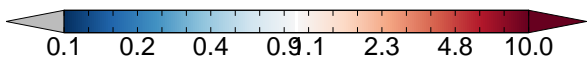
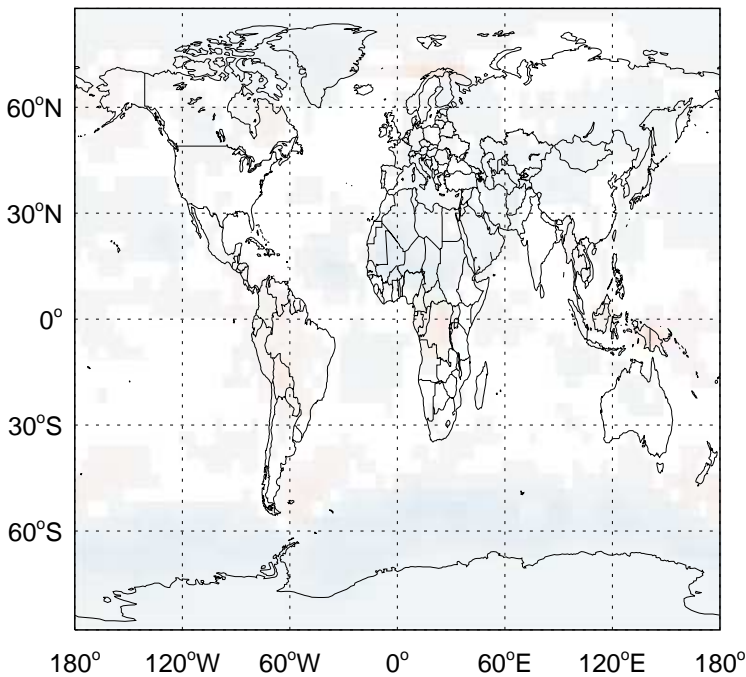
v11-02d / v11-02c

SO<sub>2</sub> / Ratio @ 500 hPa for Oct



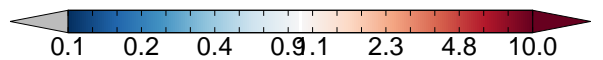
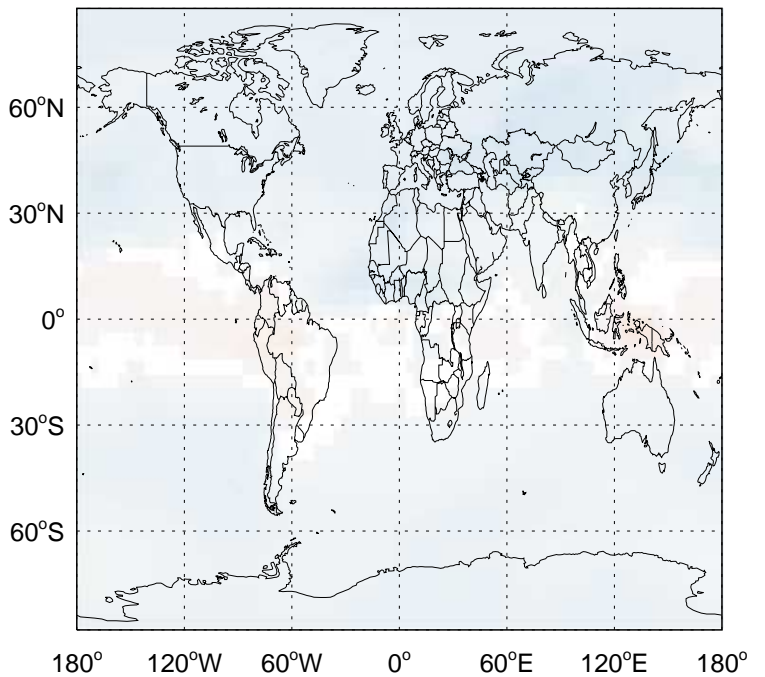
v11-02d / v11-02a

SO<sub>2</sub> / Ratio @ Surface for Oct



v11-02d / v11-02a

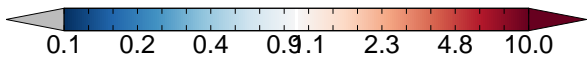
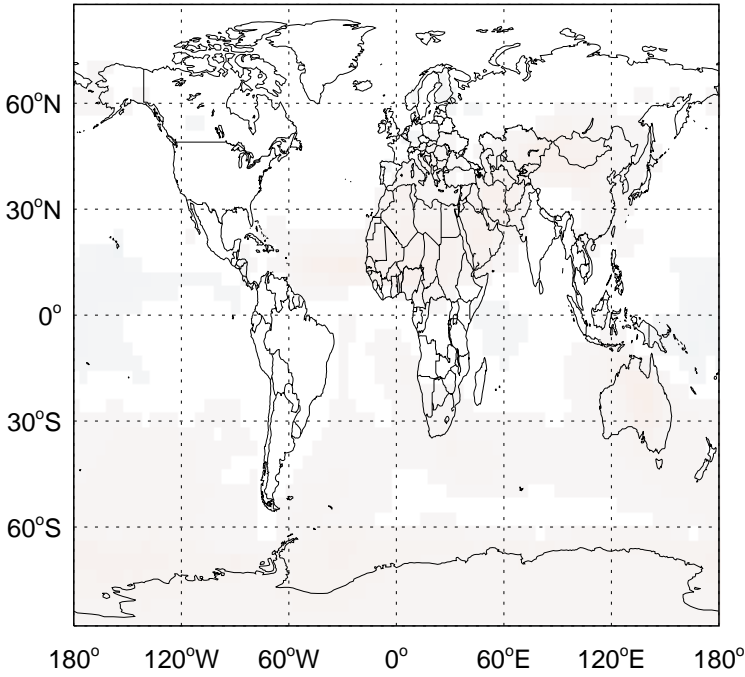
SO<sub>2</sub> / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

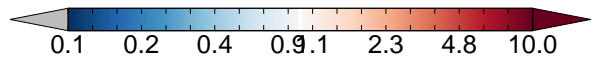
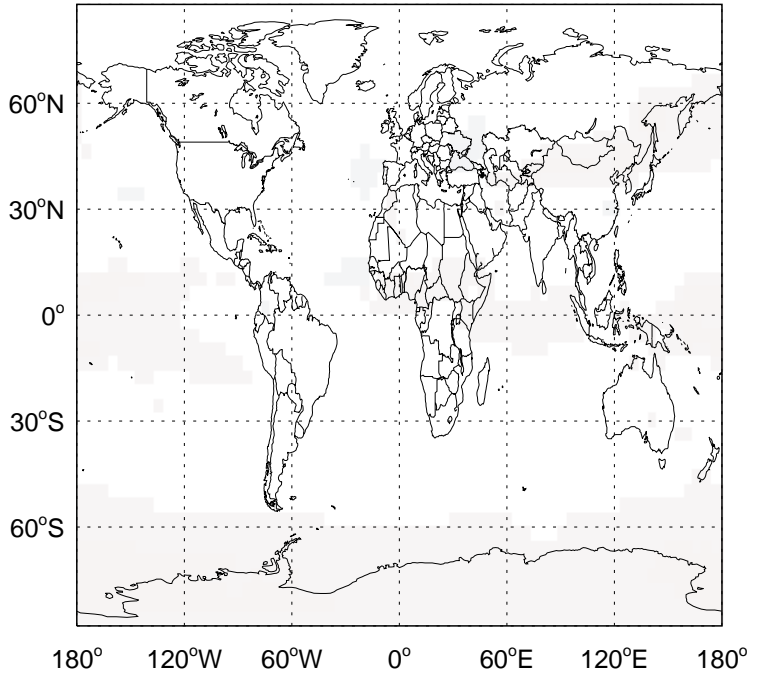
v11-02d / v11-02c

SO<sub>4</sub> / Ratio @ Surface for Oct



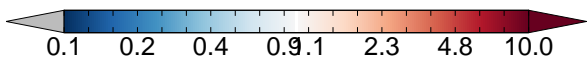
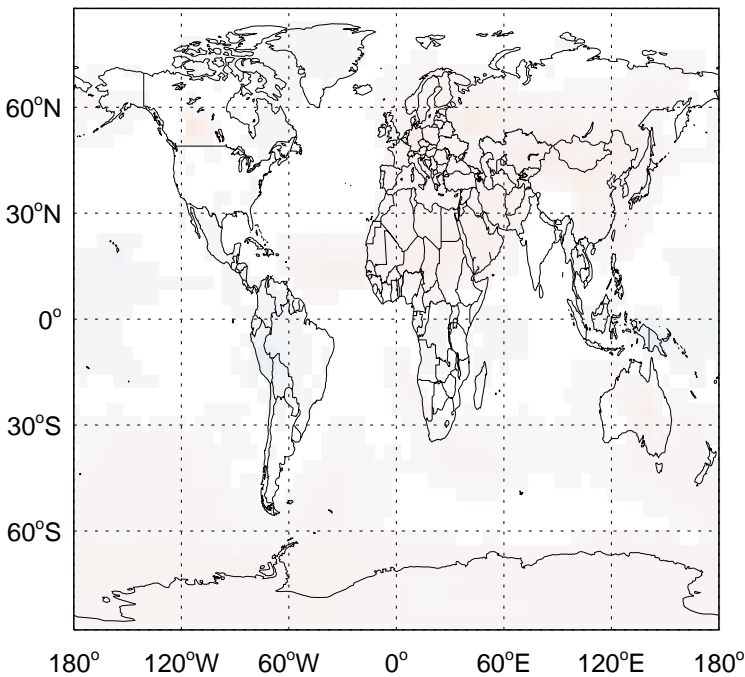
v11-02d / v11-02c

SO<sub>4</sub> / Ratio @ 500 hPa for Oct



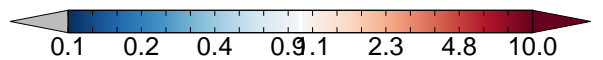
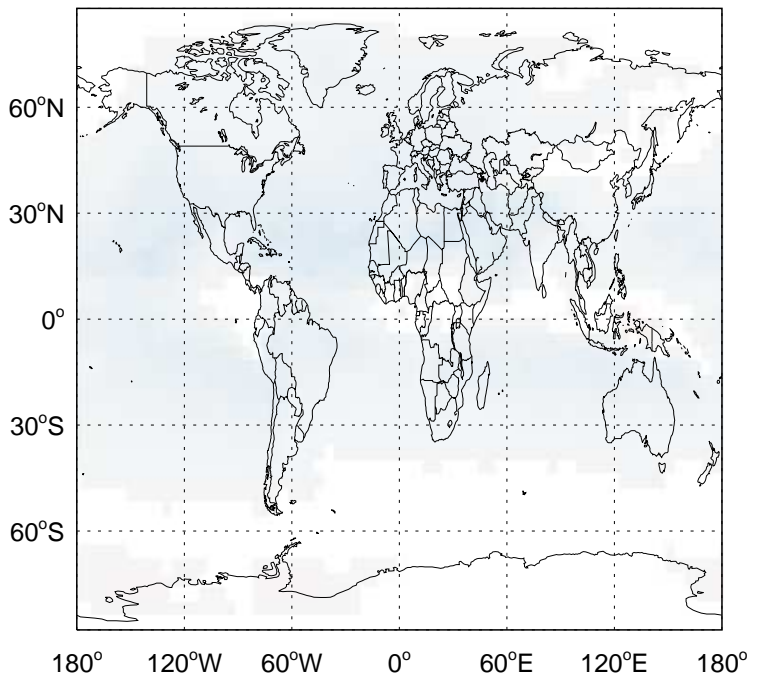
v11-02d / v11-02a

SO<sub>4</sub> / Ratio @ Surface for Oct



v11-02d / v11-02a

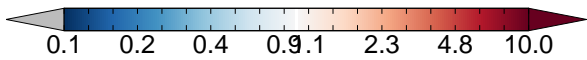
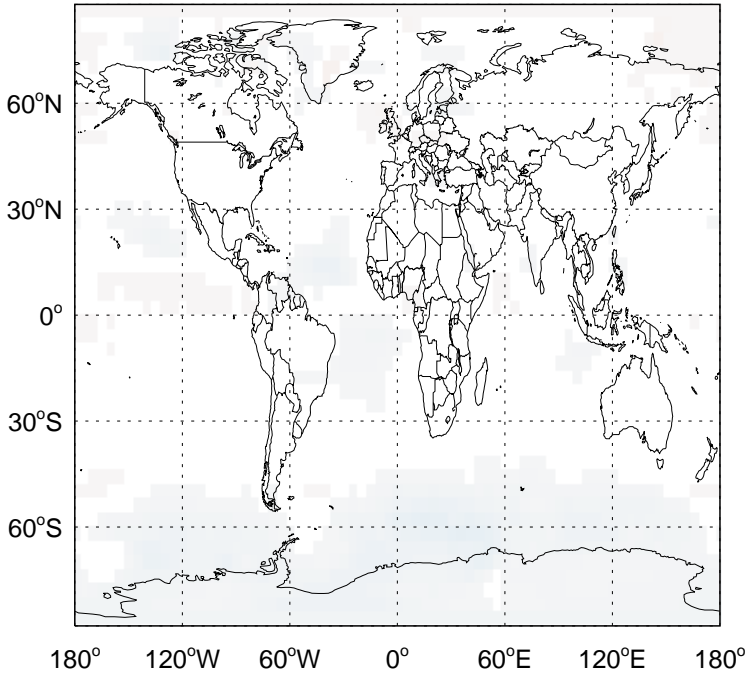
SO<sub>4</sub> / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

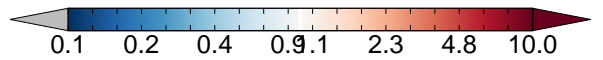
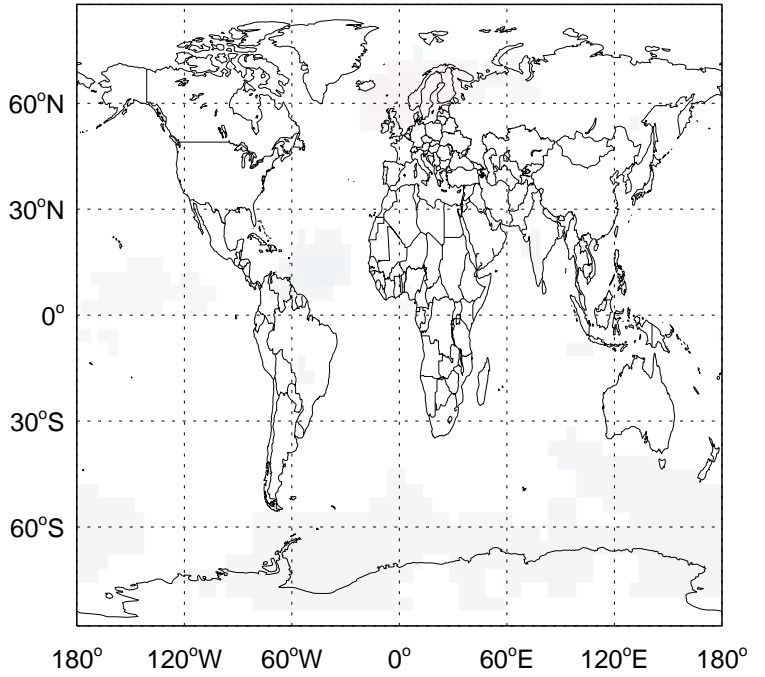
v11-02d / v11-02c

SO4s / Ratio @ Surface for Oct



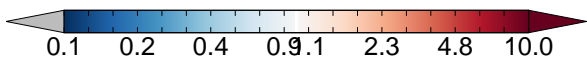
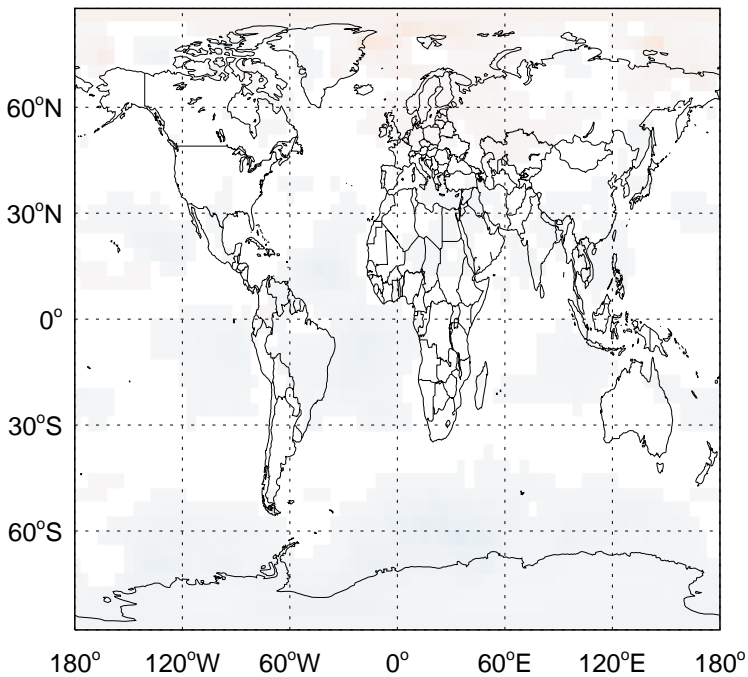
v11-02d / v11-02c

SO4s / Ratio @ 500 hPa for Oct



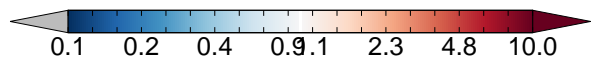
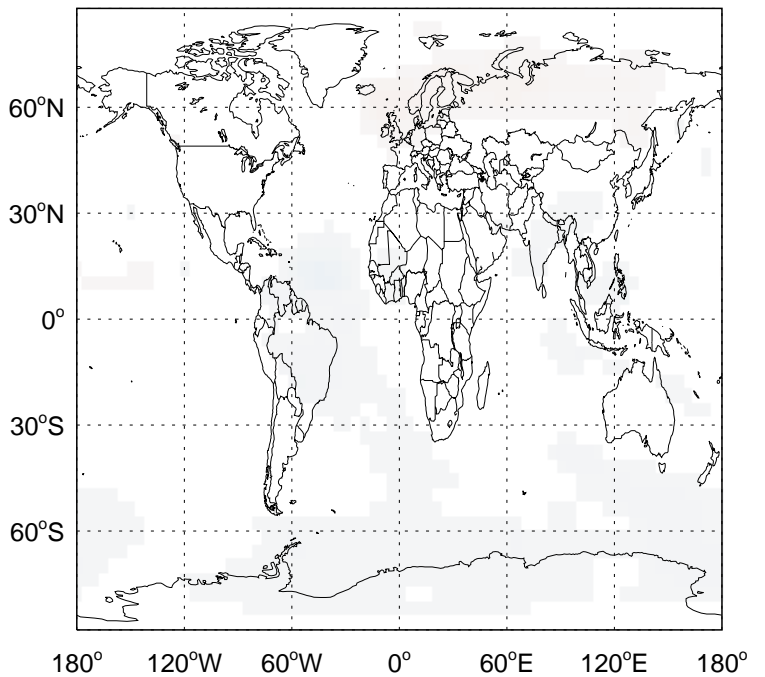
v11-02d / v11-02a

SO4s / Ratio @ Surface for Oct



v11-02d / v11-02a

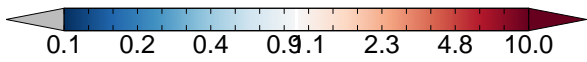
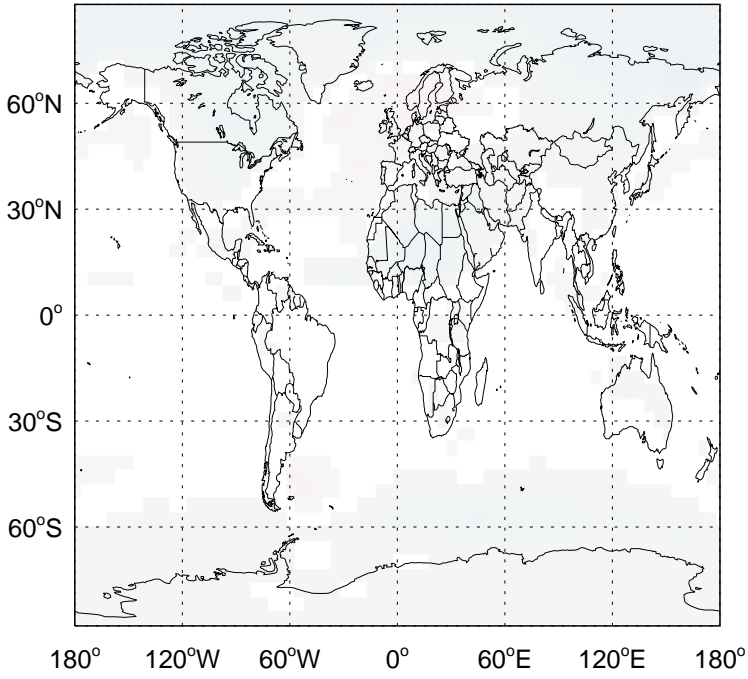
SO4s / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

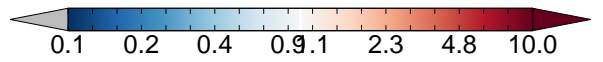
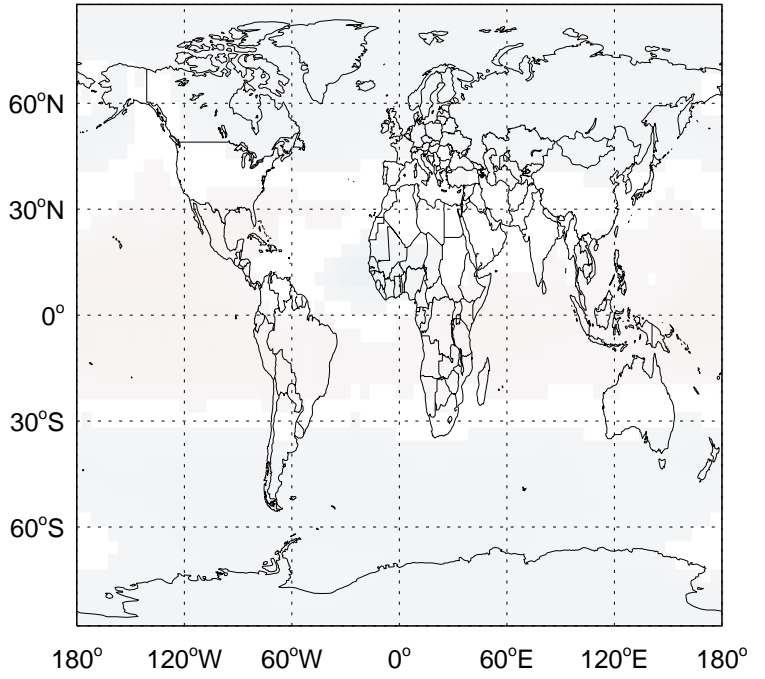
v11-02d / v11-02c

MSA / Ratio @ Surface for Oct



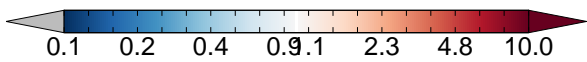
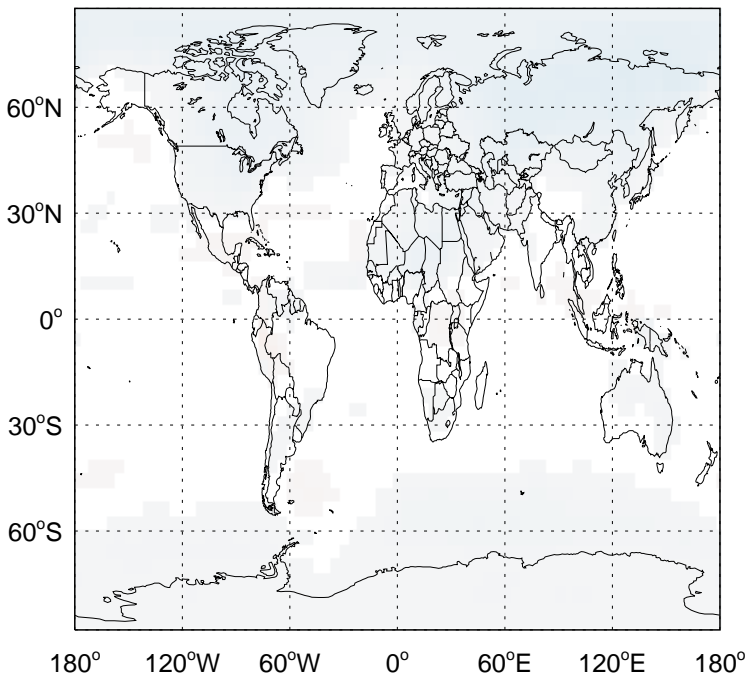
v11-02d / v11-02c

MSA / Ratio @ 500 hPa for Oct



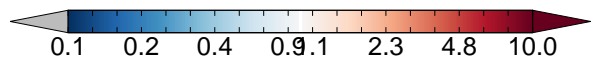
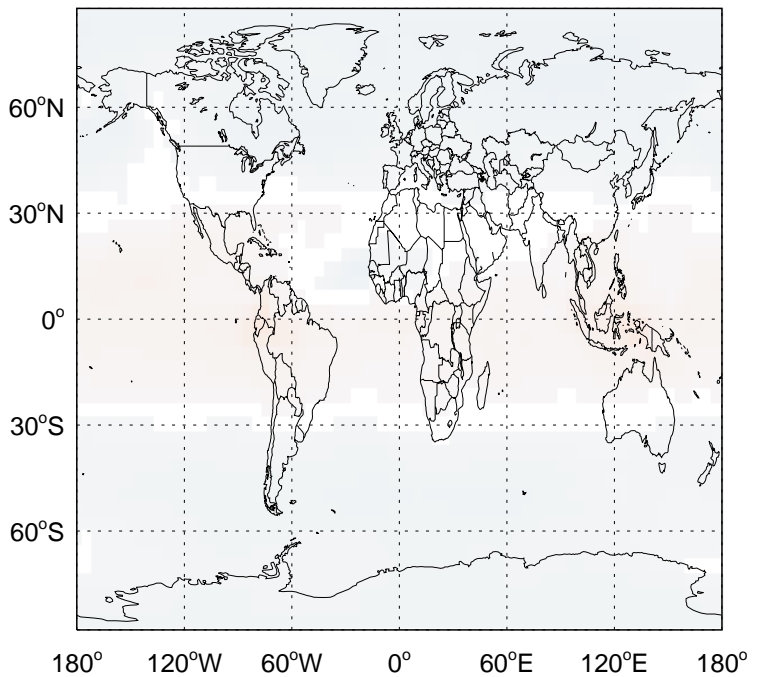
v11-02d / v11-02a

MSA / Ratio @ Surface for Oct



v11-02d / v11-02a

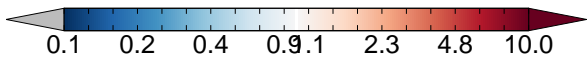
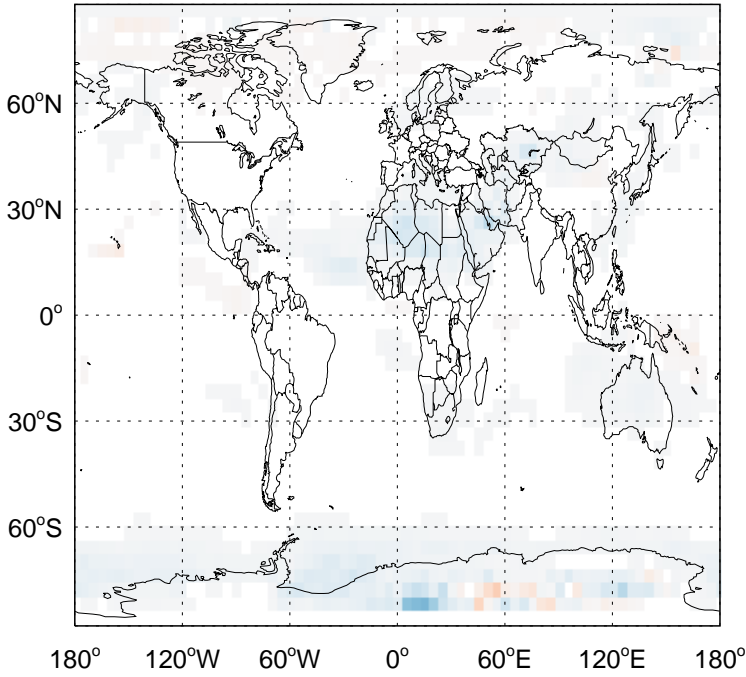
MSA / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

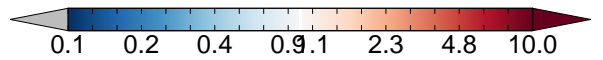
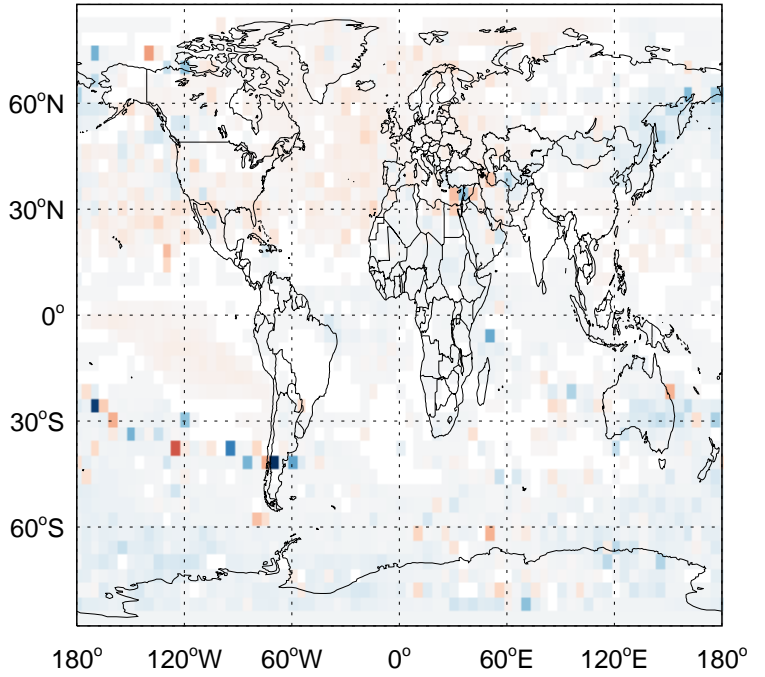
v11-02d / v11-02c

NH<sub>3</sub> / Ratio @ Surface for Oct



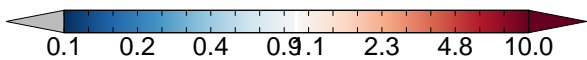
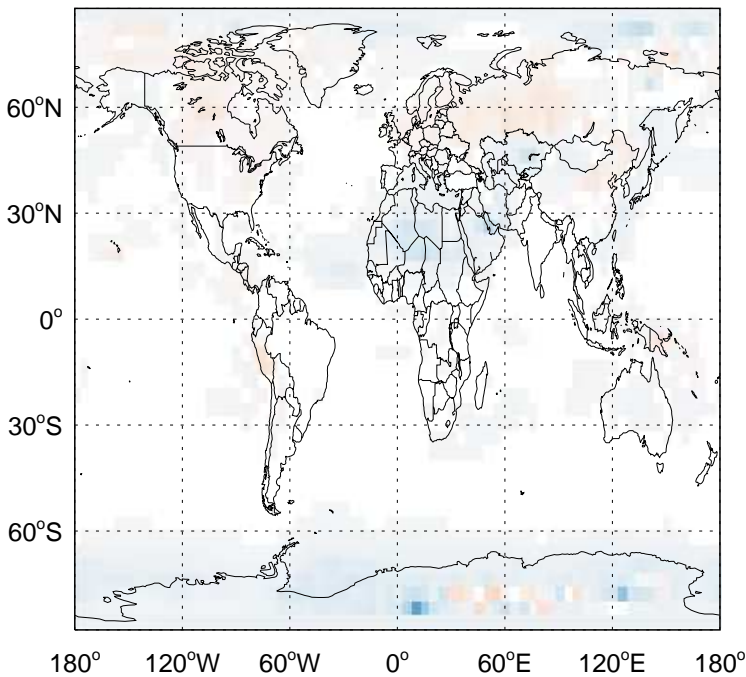
v11-02d / v11-02c

NH<sub>3</sub> / Ratio @ 500 hPa for Oct



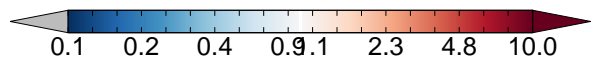
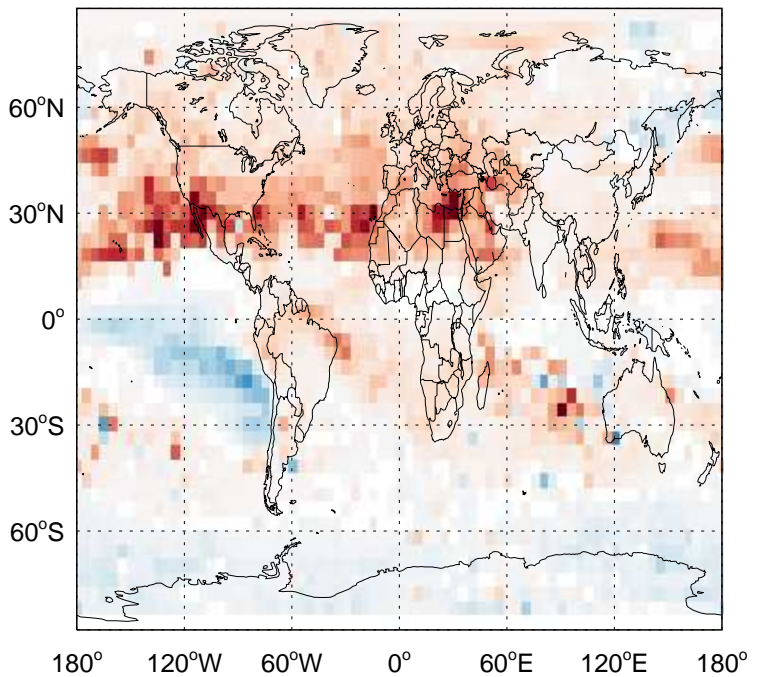
v11-02d / v11-02a

NH<sub>3</sub> / Ratio @ Surface for Oct



v11-02d / v11-02a

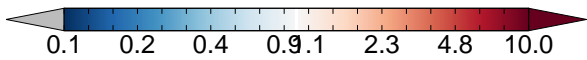
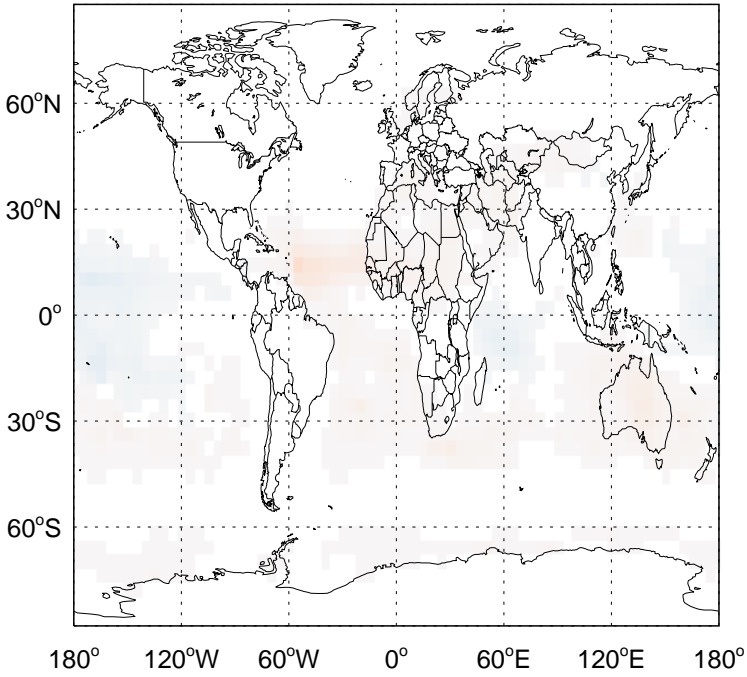
NH<sub>3</sub> / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

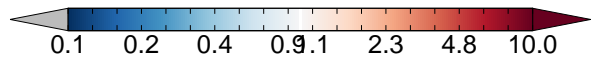
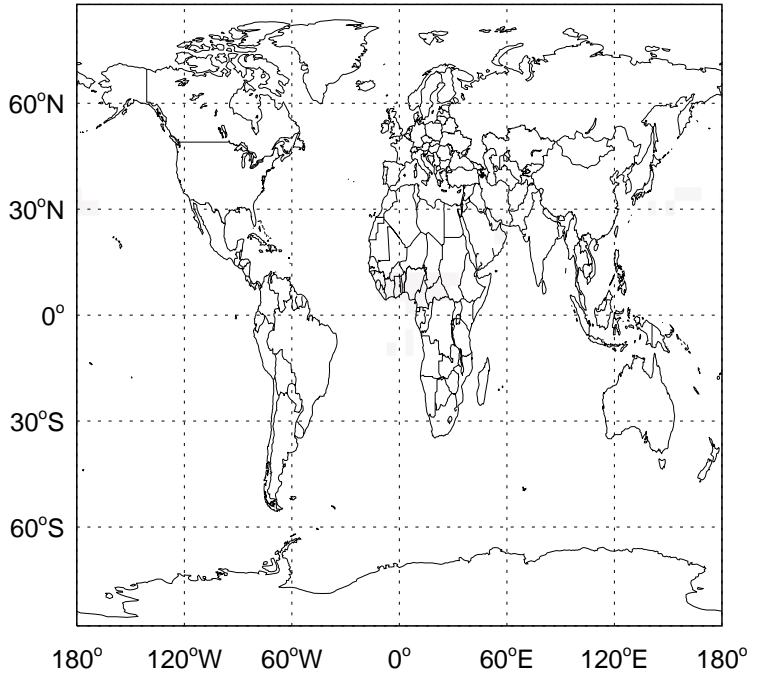
v11-02d / v11-02c

NH<sub>4</sub> / Ratio @ Surface for Oct



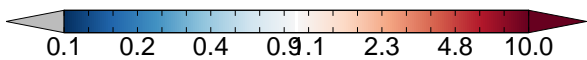
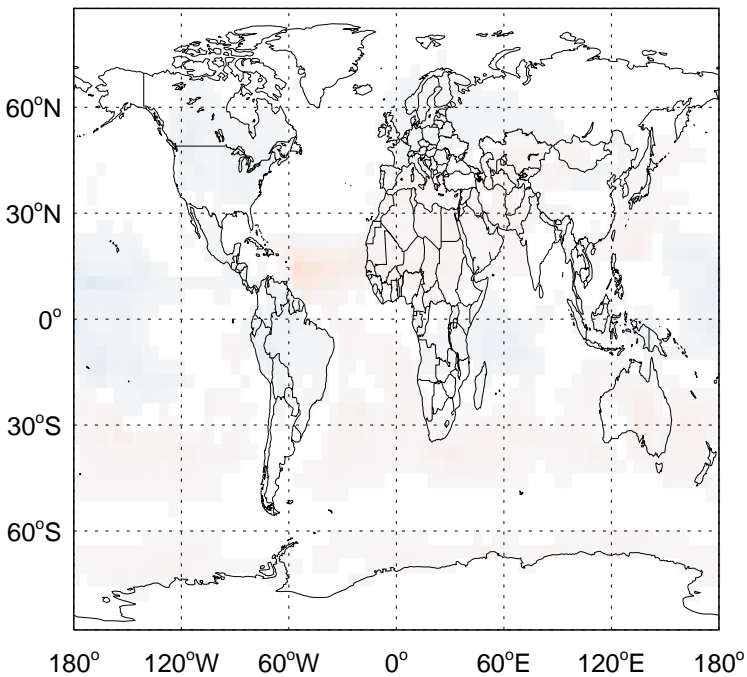
v11-02d / v11-02c

NH<sub>4</sub> / Ratio @ 500 hPa for Oct



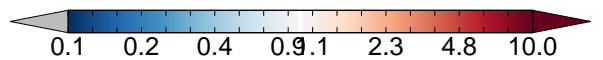
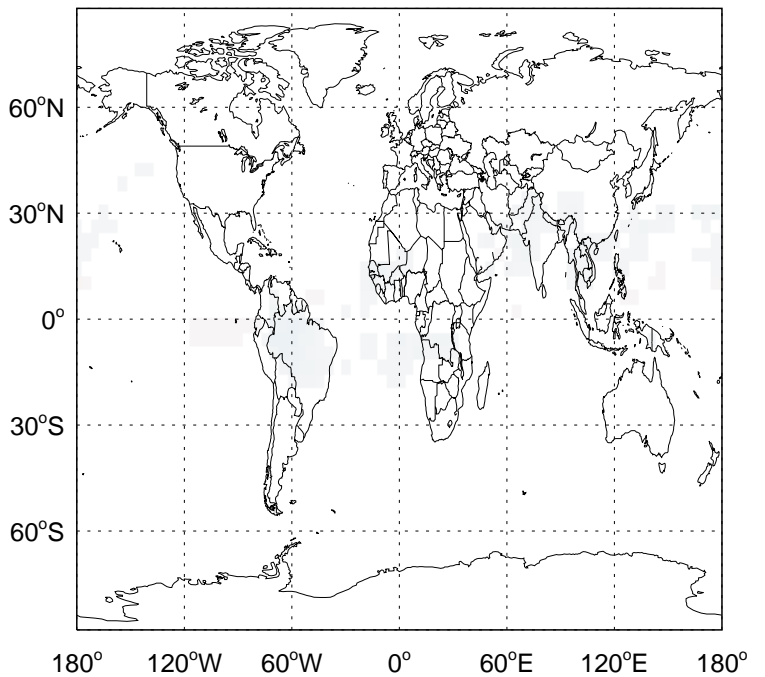
v11-02d / v11-02a

NH<sub>4</sub> / Ratio @ Surface for Oct



v11-02d / v11-02a

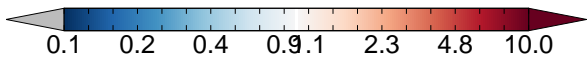
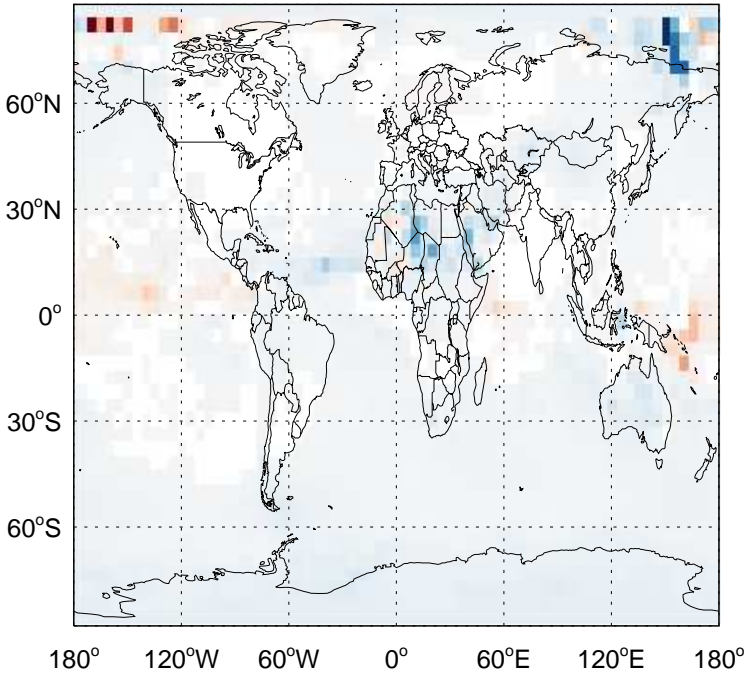
NH<sub>4</sub> / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

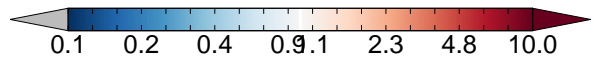
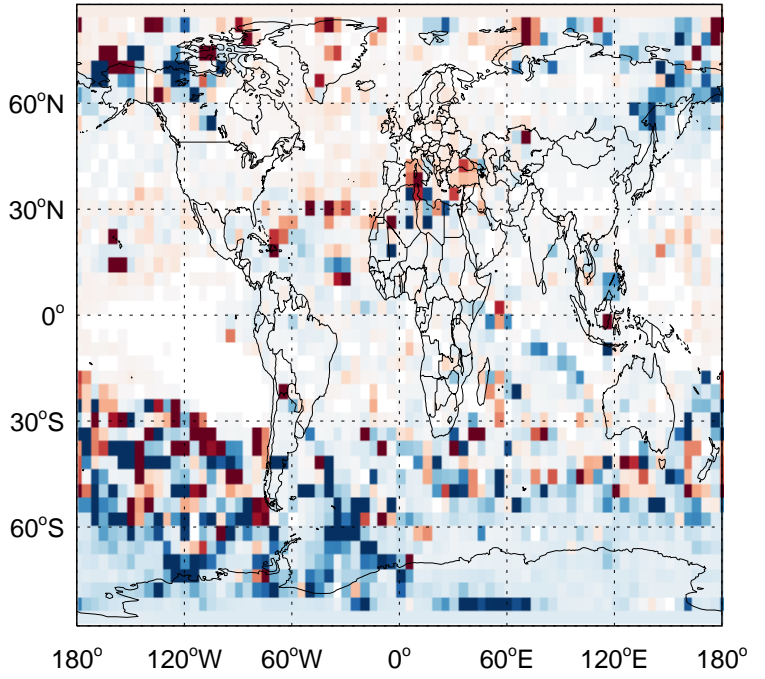
v11-02d / v11-02c

NIT / Ratio @ Surface for Oct



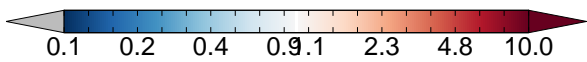
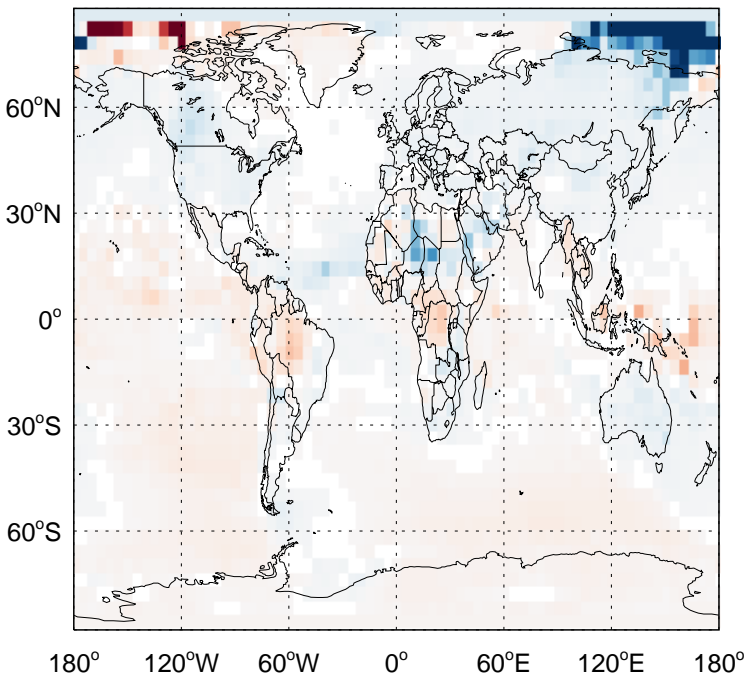
v11-02d / v11-02c

NIT/ Ratio @ 500 hPa for Oct



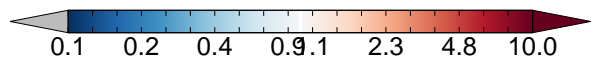
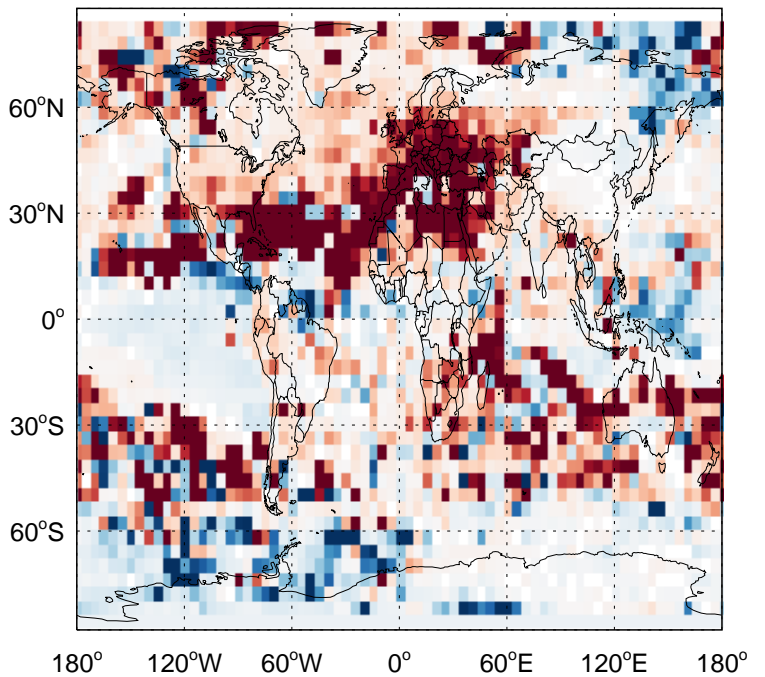
v11-02d / v11-02a

NIT / Ratio @ Surface for Oct



v11-02d / v11-02a

NIT/ Ratio @ 500 hPa for Oct

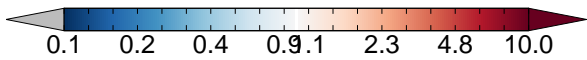
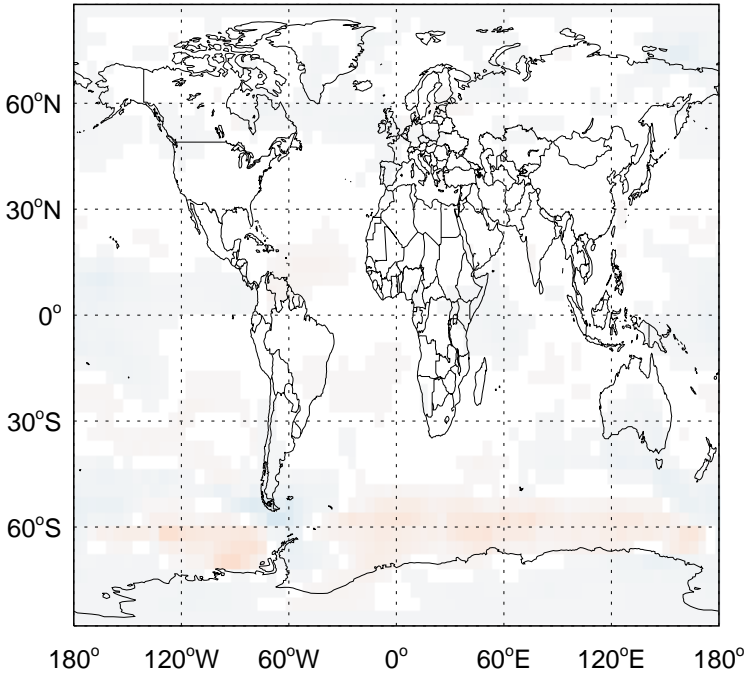




# GEOS-Chem Ratio Maps at surface and 500 hPa

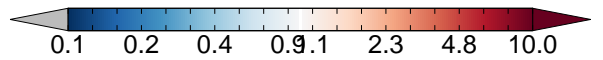
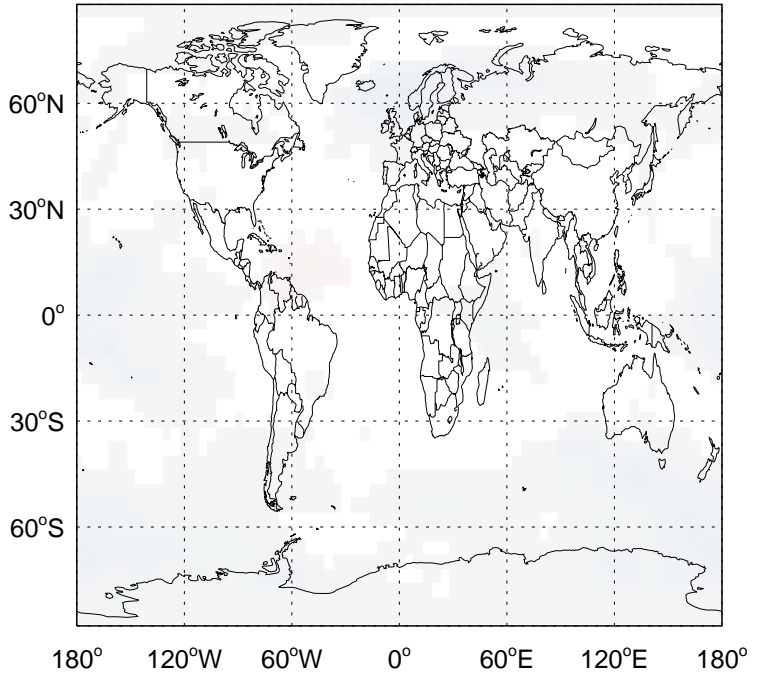
v11-02d / v11-02c

NITs / Ratio @ Surface for Oct



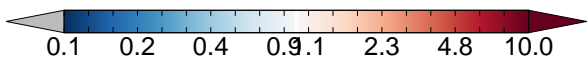
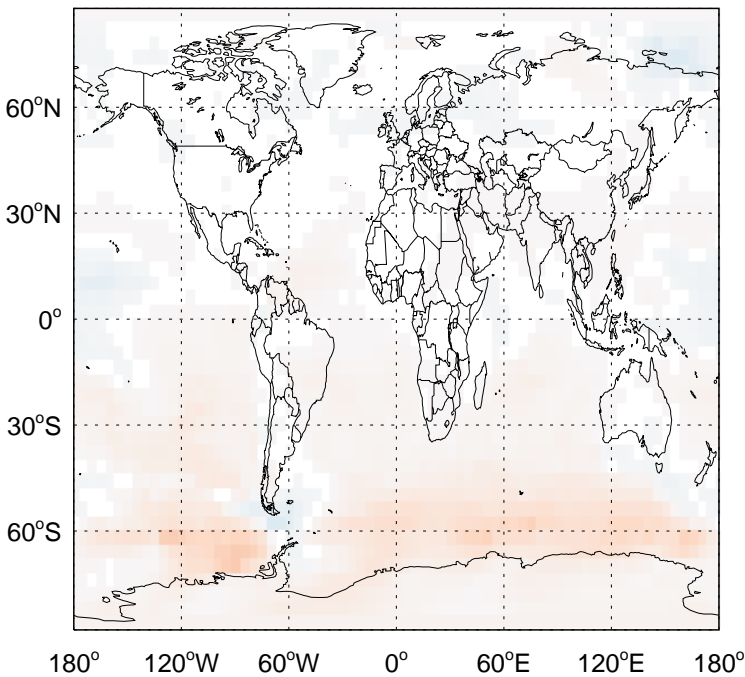
v11-02d / v11-02c

NITs/ Ratio @ 500 hPa for Oct



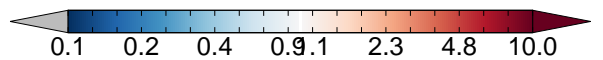
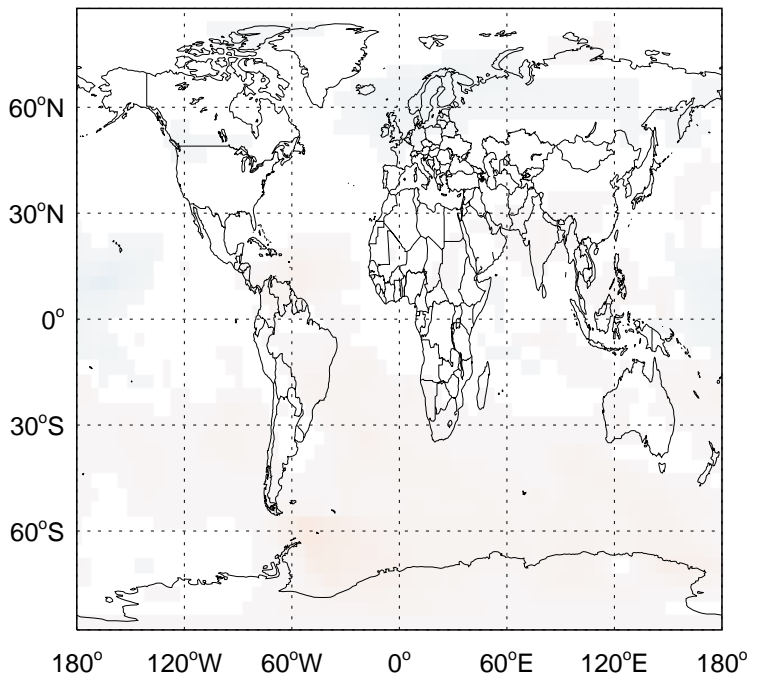
v11-02d / v11-02a

NITs / Ratio @ Surface for Oct



v11-02d / v11-02a

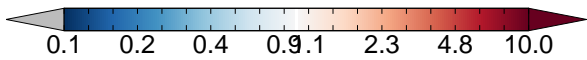
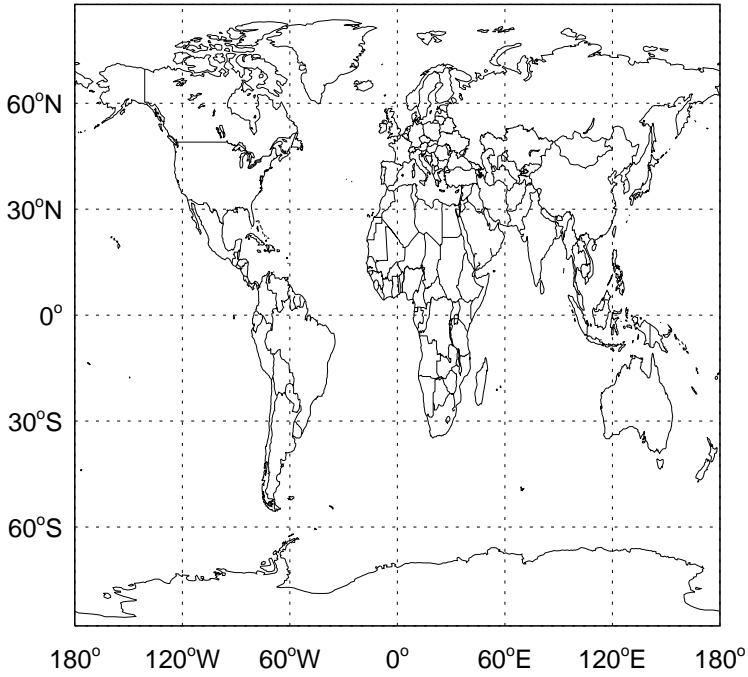
NITs/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

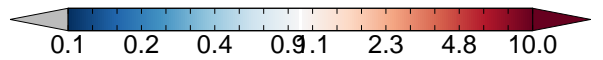
v11-02d / v11-02c

BCPI / Ratio @ Surface for Oct



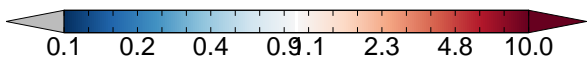
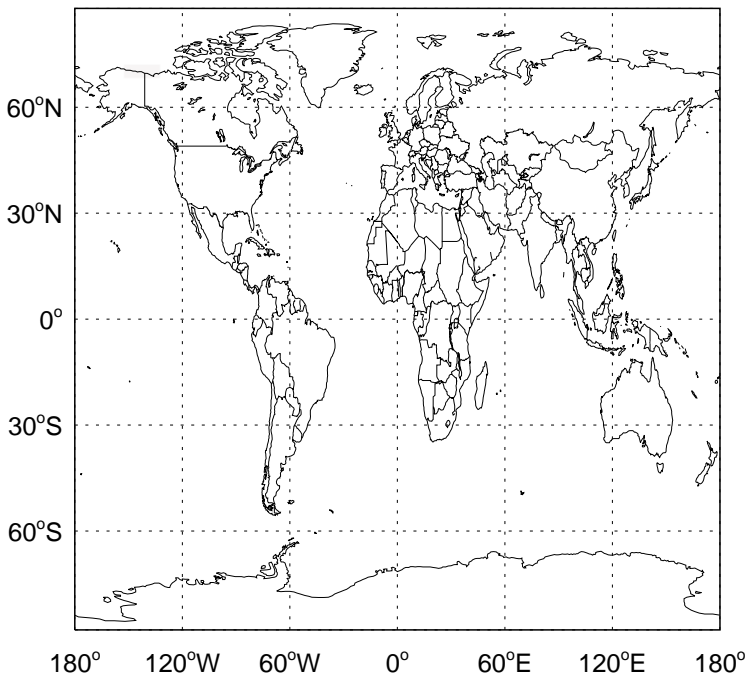
v11-02d / v11-02c

BCPI/ Ratio @ 500 hPa for Oct



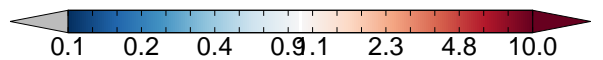
v11-02d / v11-02a

BCPI / Ratio @ Surface for Oct



v11-02d / v11-02a

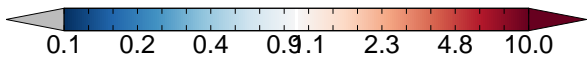
BCPI/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

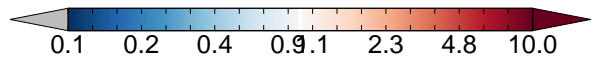
v11-02d / v11-02c

OCPI / Ratio @ Surface for Oct



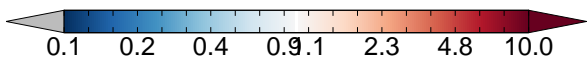
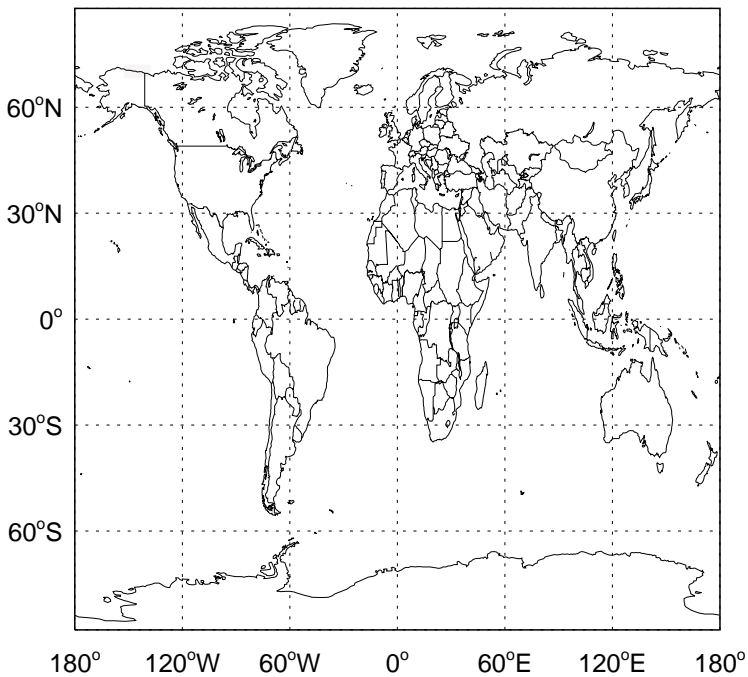
v11-02d / v11-02c

OCPI / Ratio @ 500 hPa for Oct



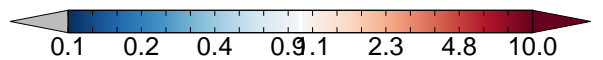
v11-02d / v11-02a

OCPI / Ratio @ Surface for Oct



v11-02d / v11-02a

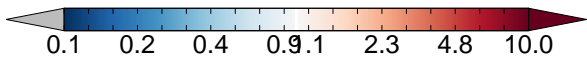
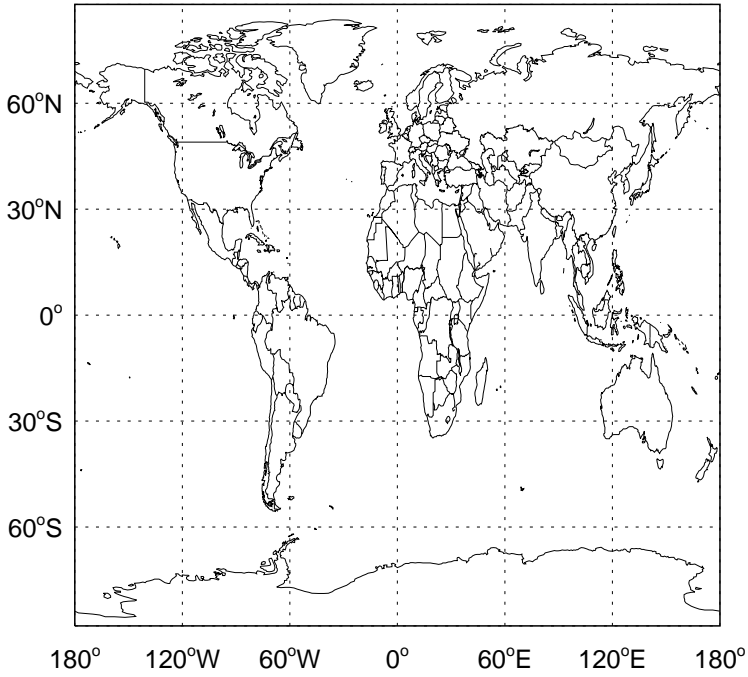
OCPI / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

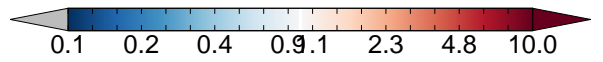
v11-02d / v11-02c

BCPO / Ratio @ Surface for Oct



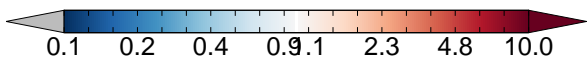
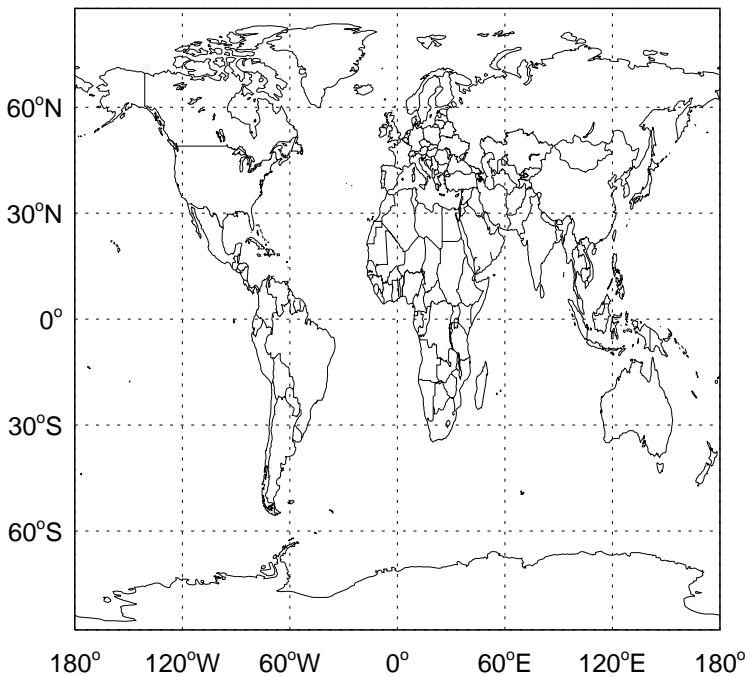
v11-02d / v11-02c

BCPO/ Ratio @ 500 hPa for Oct



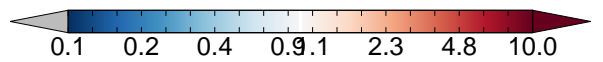
v11-02d / v11-02a

BCPO / Ratio @ Surface for Oct



v11-02d / v11-02a

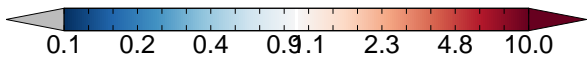
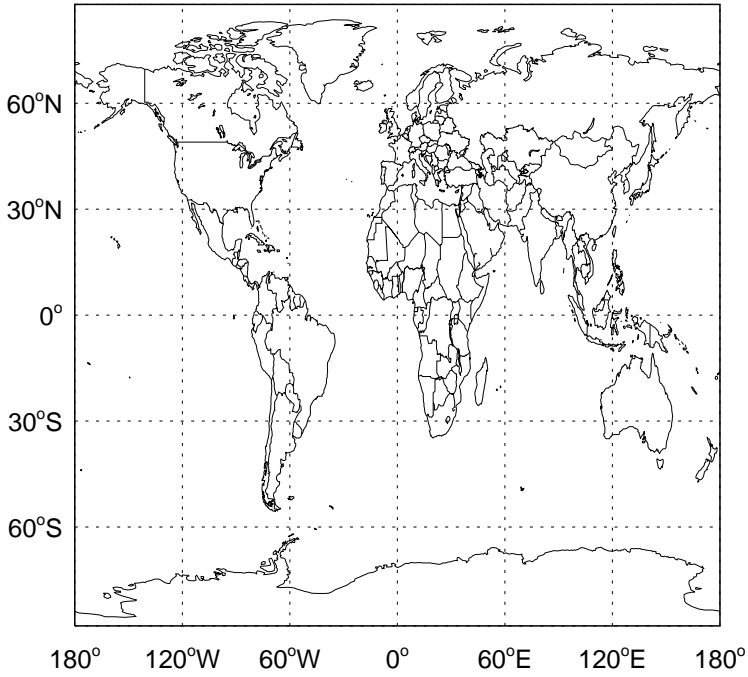
BCPO/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

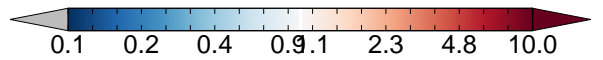
v11-02d / v11-02c

OCPO / Ratio @ Surface for Oct



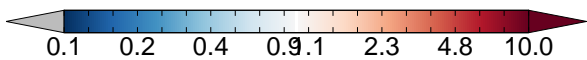
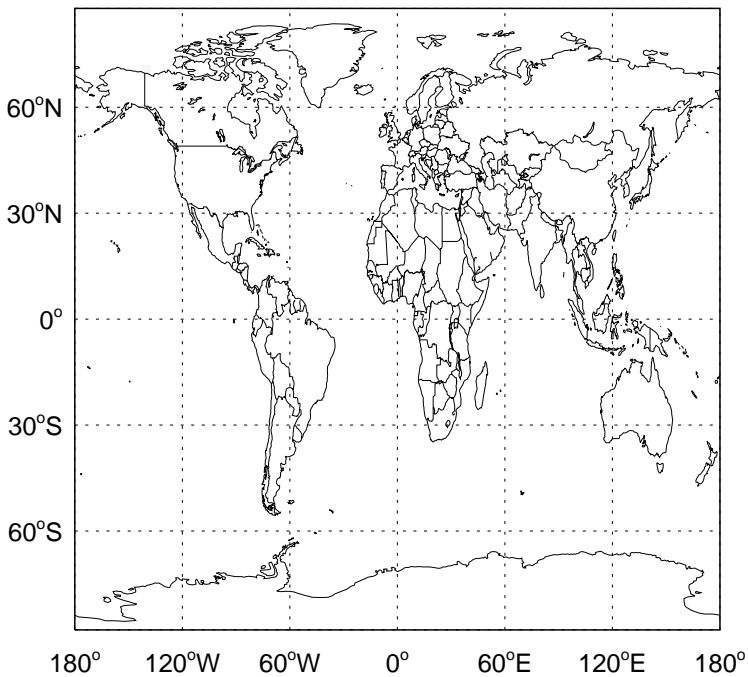
v11-02d / v11-02c

OCPO/ Ratio @ 500 hPa for Oct



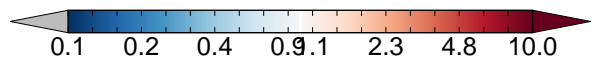
v11-02d / v11-02a

OCPO / Ratio @ Surface for Oct



v11-02d / v11-02a

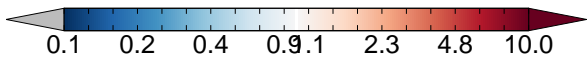
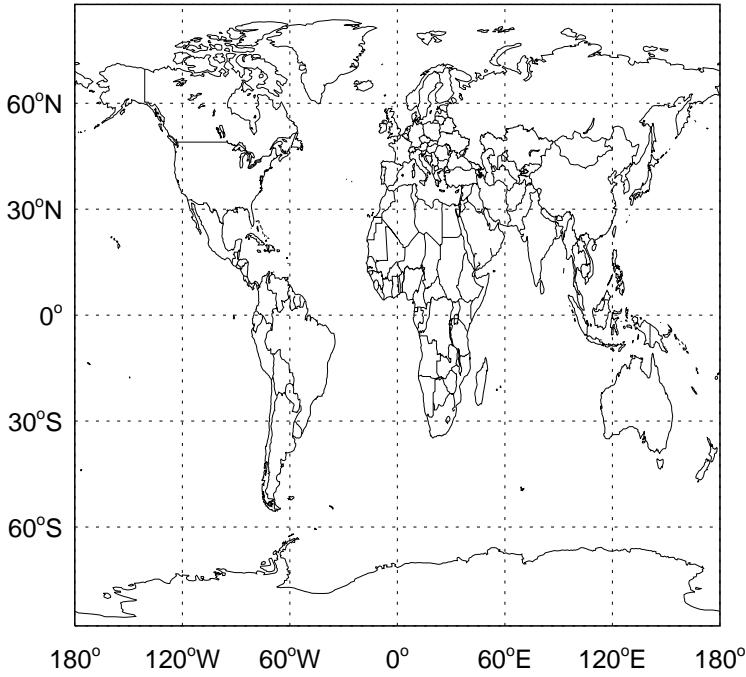
OCPO/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

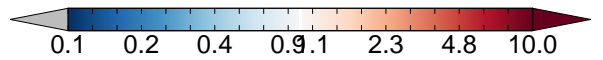
v11-02d / v11-02c

DST1 / Ratio @ Surface for Oct



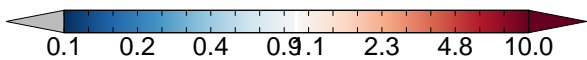
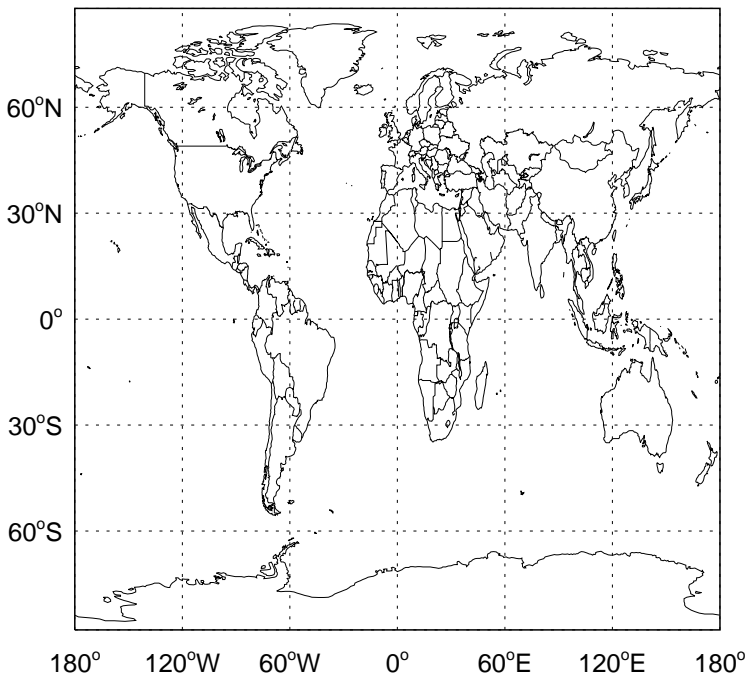
v11-02d / v11-02c

DST1/ Ratio @ 500 hPa for Oct



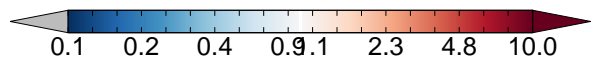
v11-02d / v11-02a

DST1 / Ratio @ Surface for Oct



v11-02d / v11-02a

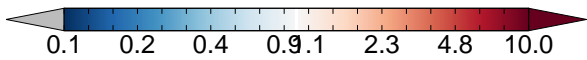
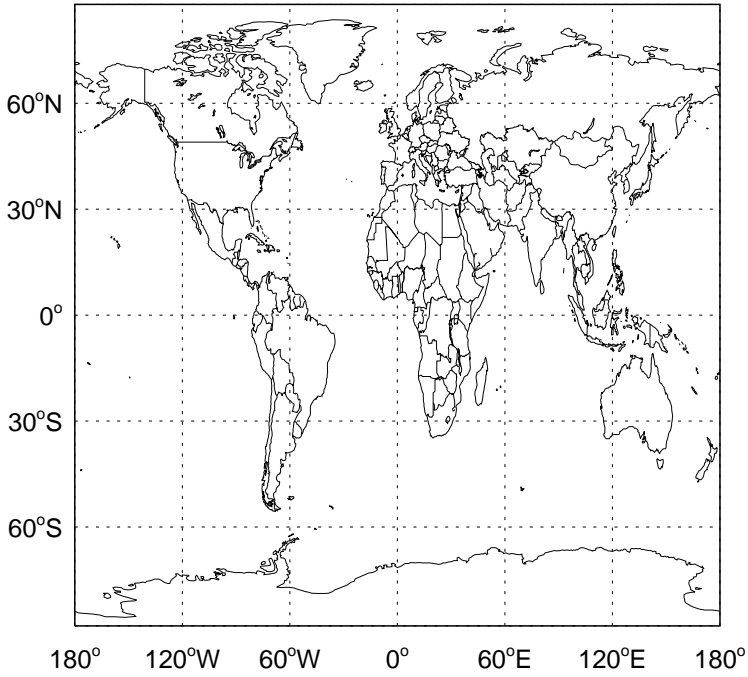
DST1/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

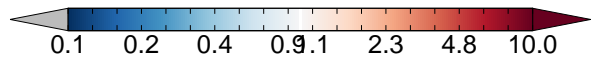
v11-02d / v11-02c

DST2 / Ratio @ Surface for Oct



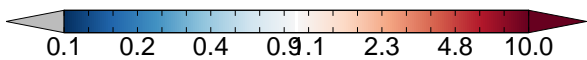
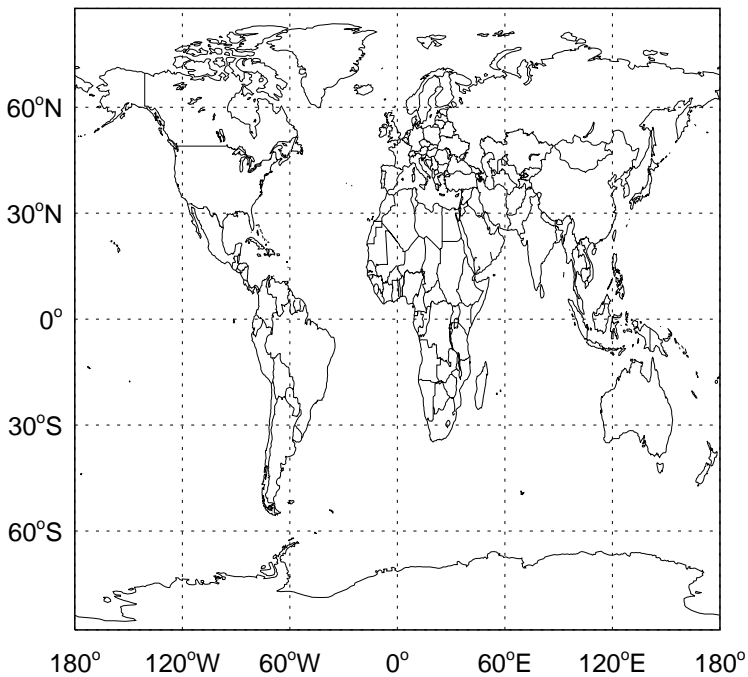
v11-02d / v11-02c

DST2 / Ratio @ 500 hPa for Oct



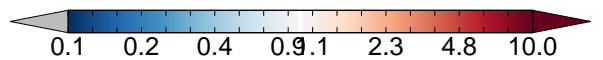
v11-02d / v11-02a

DST2 / Ratio @ Surface for Oct



v11-02d / v11-02a

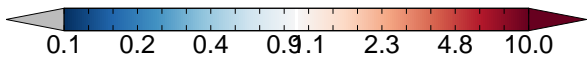
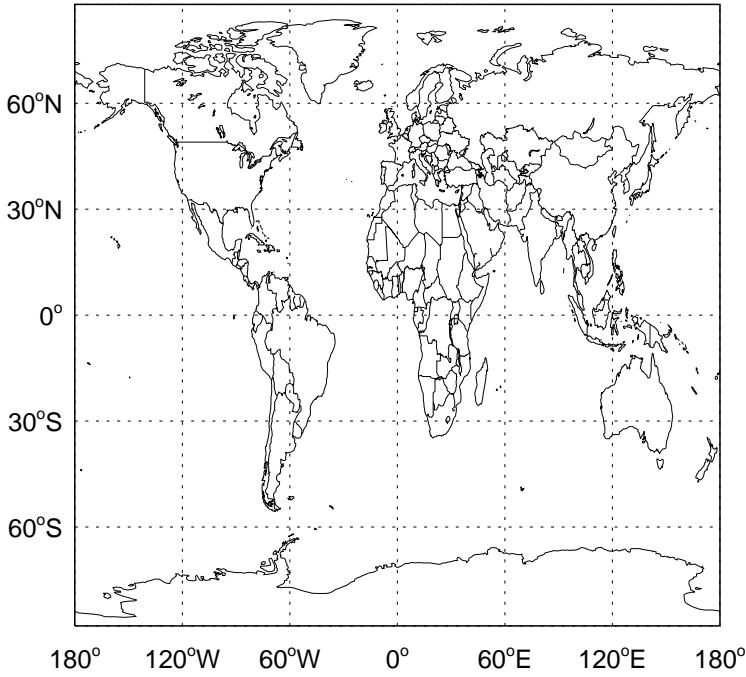
DST2 / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

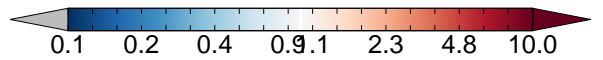
v11-02d / v11-02c

DST3 / Ratio @ Surface for Oct



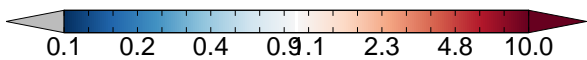
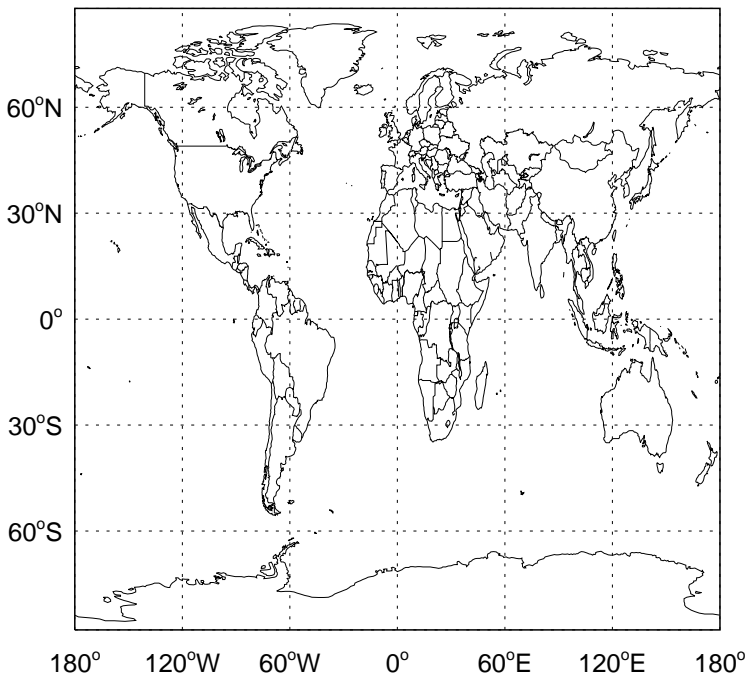
v11-02d / v11-02c

DST3/ Ratio @ 500 hPa for Oct



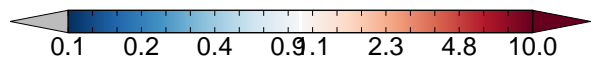
v11-02d / v11-02a

DST3 / Ratio @ Surface for Oct



v11-02d / v11-02a

DST3/ Ratio @ 500 hPa for Oct

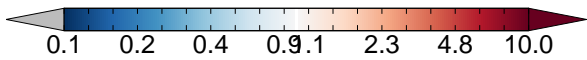




# GEOS-Chem Ratio Maps at surface and 500 hPa

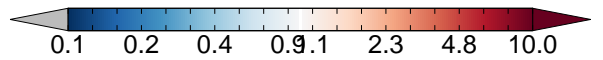
v11-02d / v11-02c

DST4 / Ratio @ Surface for Oct



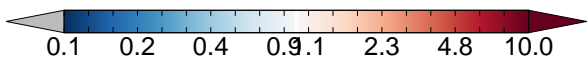
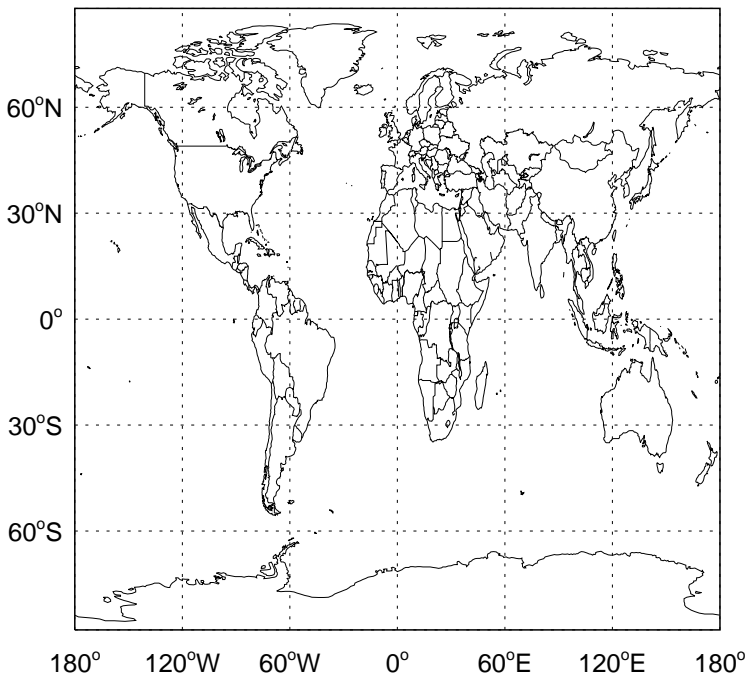
v11-02d / v11-02c

DST4/ Ratio @ 500 hPa for Oct



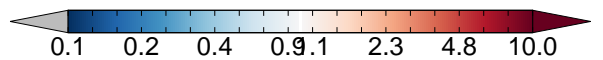
v11-02d / v11-02a

DST4 / Ratio @ Surface for Oct



v11-02d / v11-02a

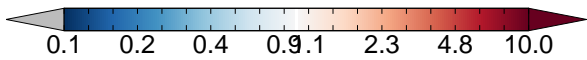
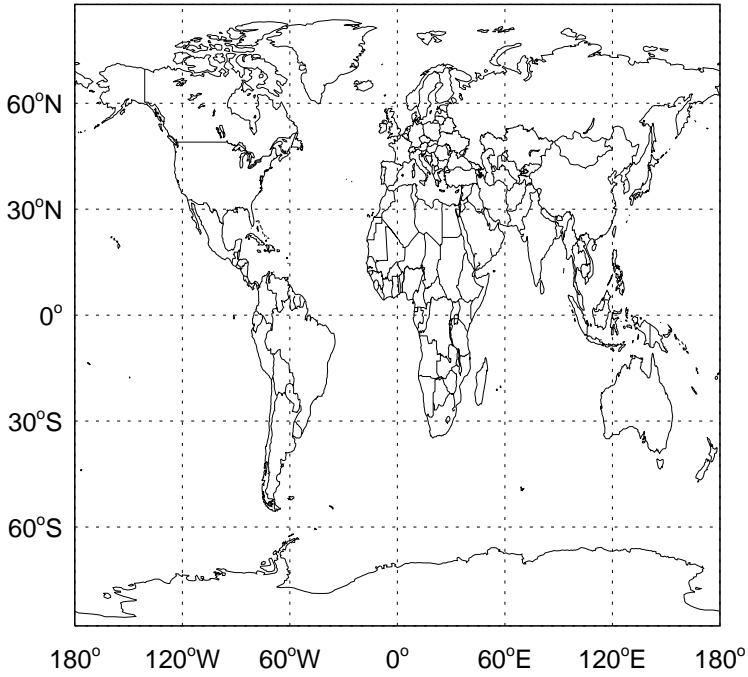
DST4/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

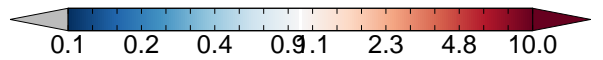
v11-02d / v11-02c

SALA / Ratio @ Surface for Oct



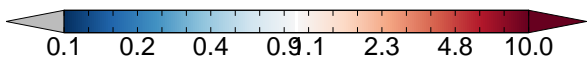
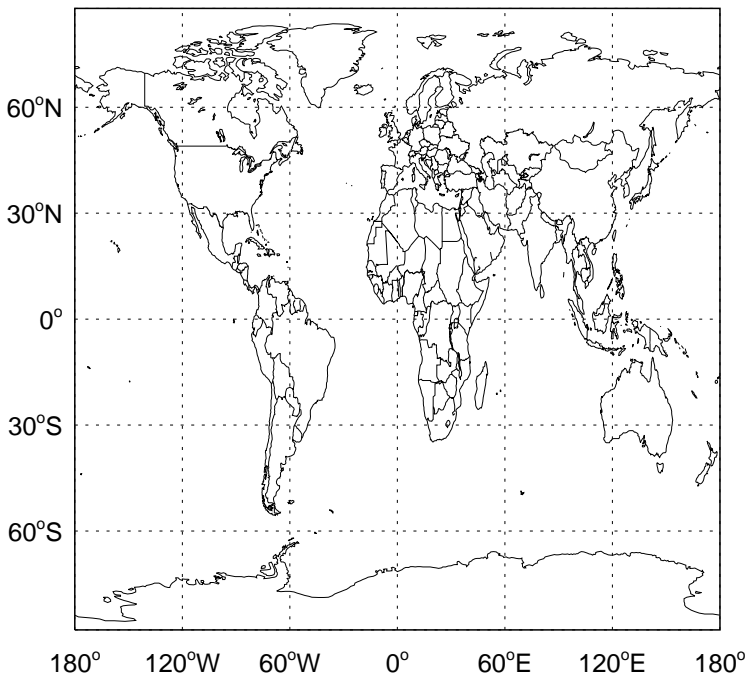
v11-02d / v11-02c

SALA/ Ratio @ 500 hPa for Oct



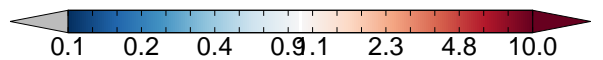
v11-02d / v11-02a

SALA / Ratio @ Surface for Oct



v11-02d / v11-02a

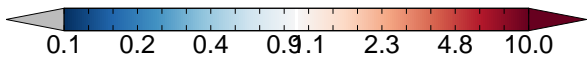
SALA/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

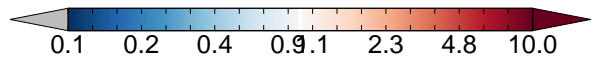
v11-02d / v11-02c

SALC / Ratio @ Surface for Oct



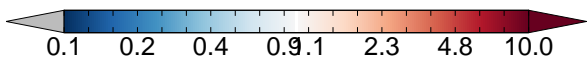
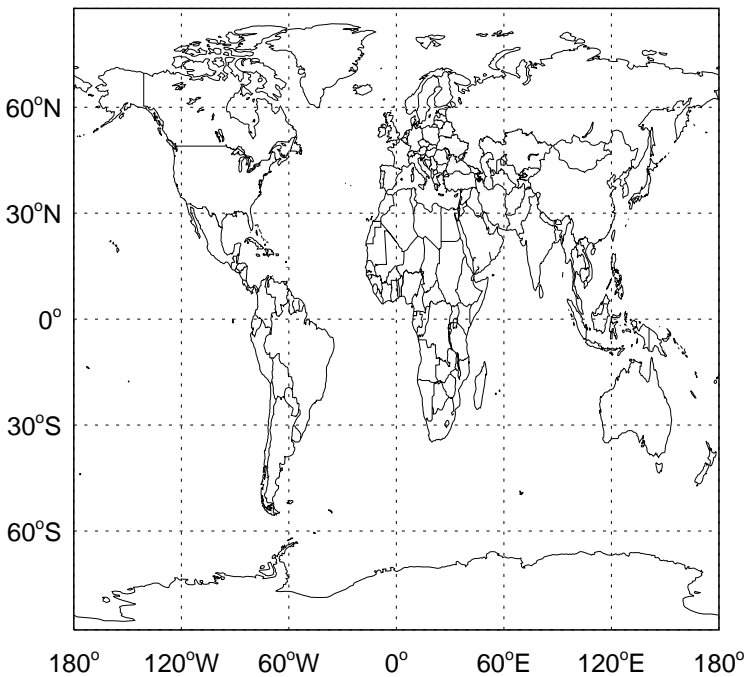
v11-02d / v11-02c

SALC/ Ratio @ 500 hPa for Oct



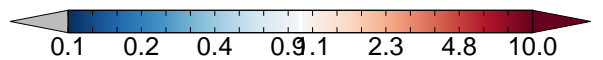
v11-02d / v11-02a

SALC / Ratio @ Surface for Oct



v11-02d / v11-02a

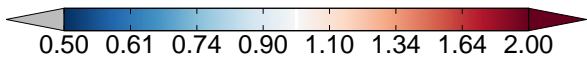
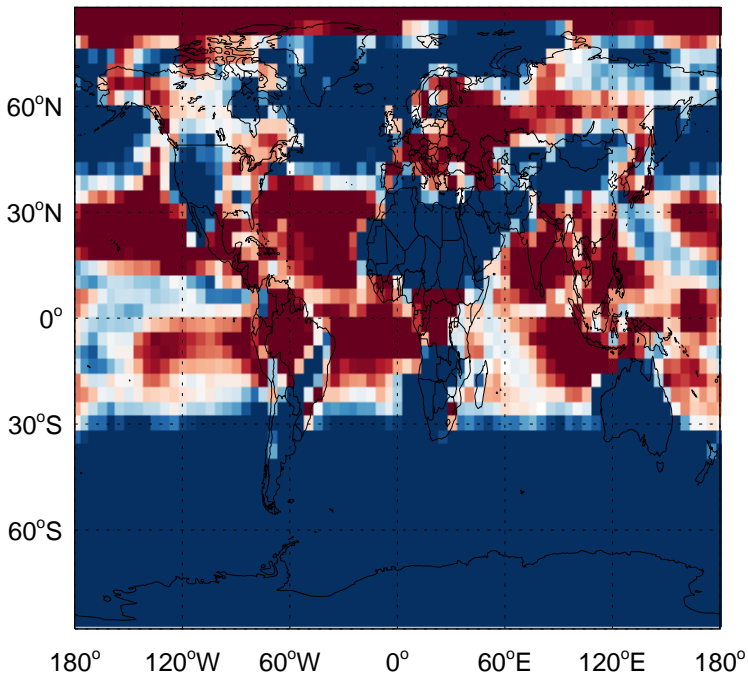
SALC/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

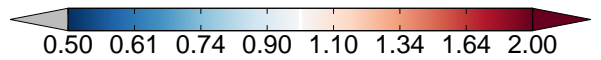
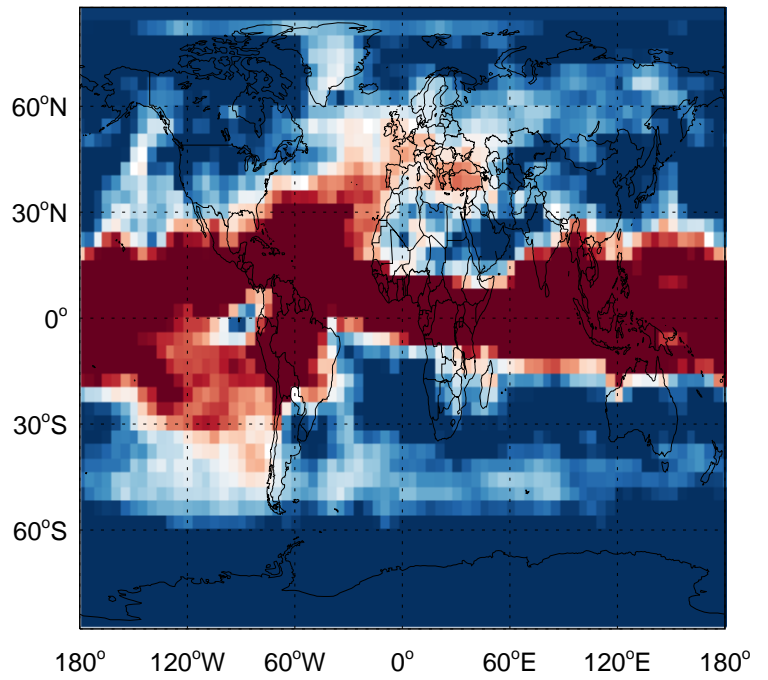
v11-02d / v11-02c

Br<sub>2</sub> / Ratio @ Surface for Oct



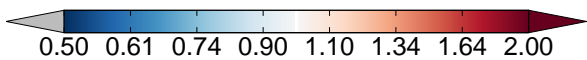
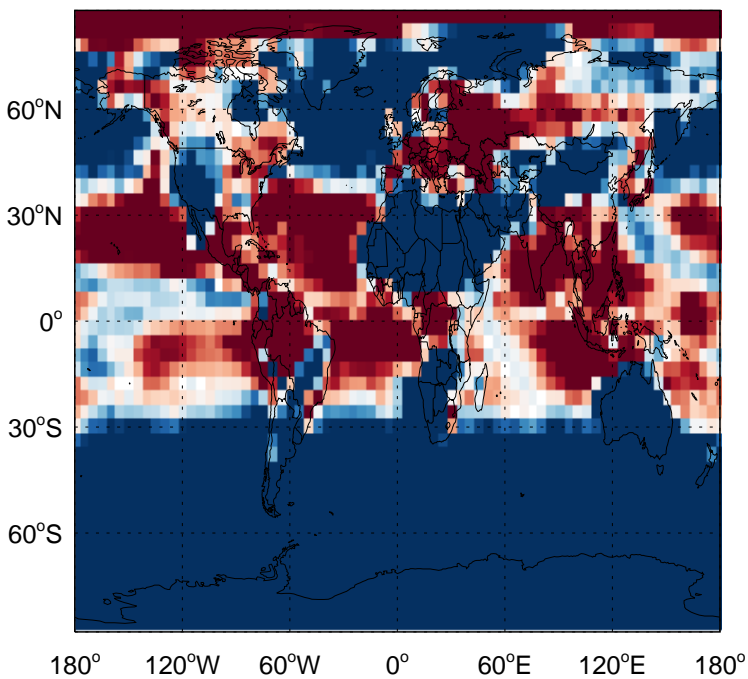
v11-02d / v11-02c

Br<sub>2</sub> / Ratio @ 500 hPa for Oct



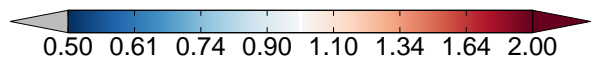
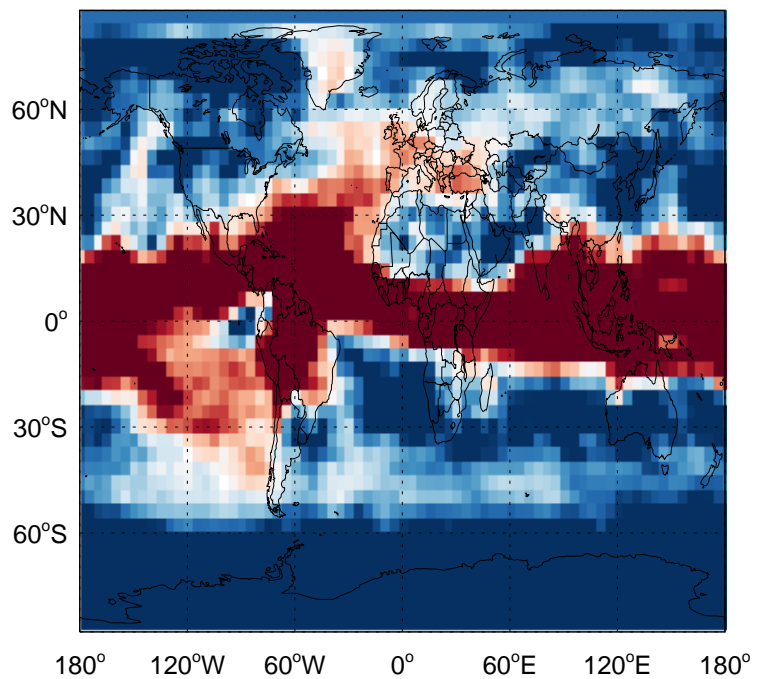
v11-02d / v11-02a

Br<sub>2</sub> / Ratio @ Surface for Oct



v11-02d / v11-02a

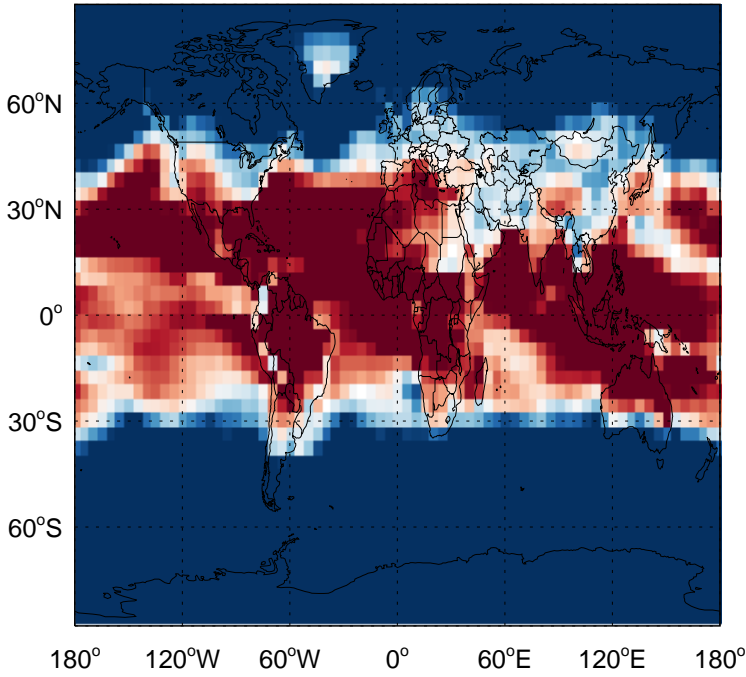
Br<sub>2</sub> / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

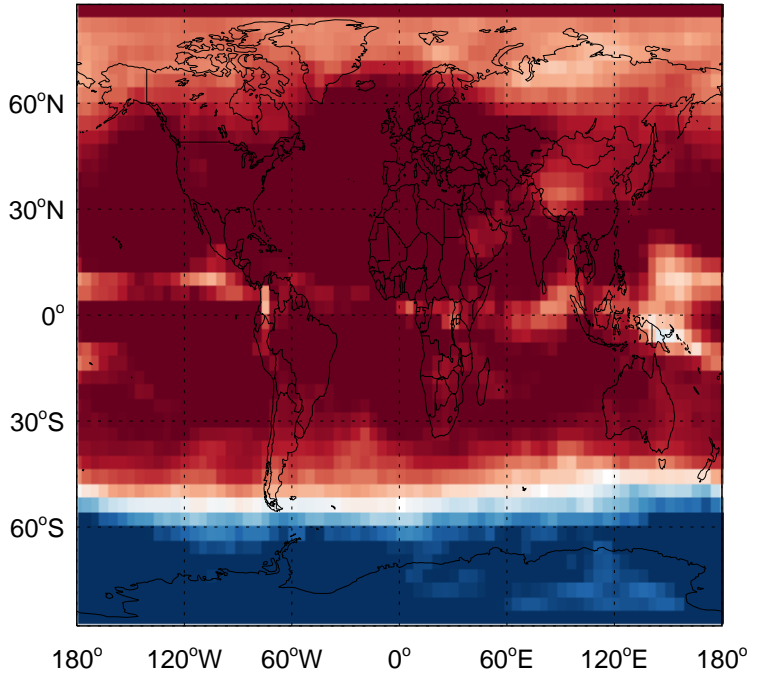
v11-02d / v11-02c

Br / Ratio @ Surface for Oct



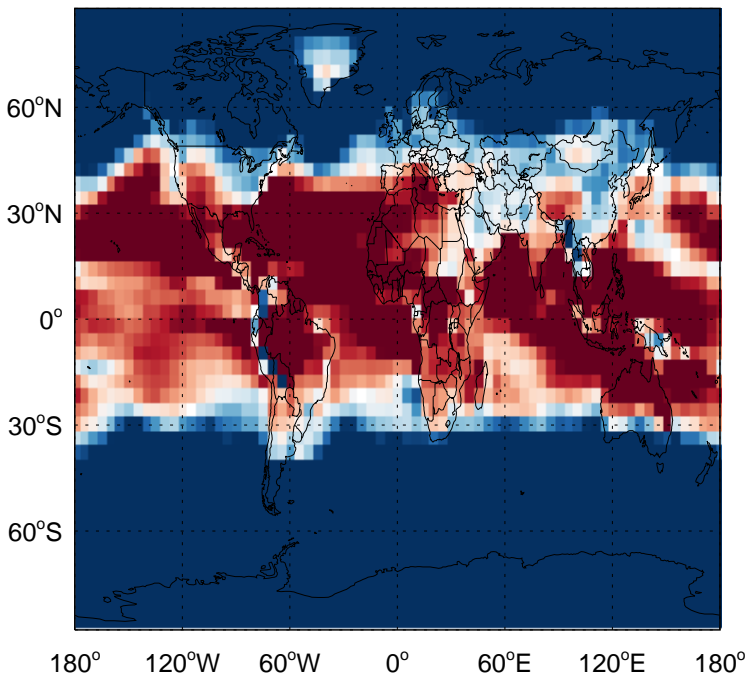
v11-02d / v11-02c

Br / Ratio @ 500 hPa for Oct



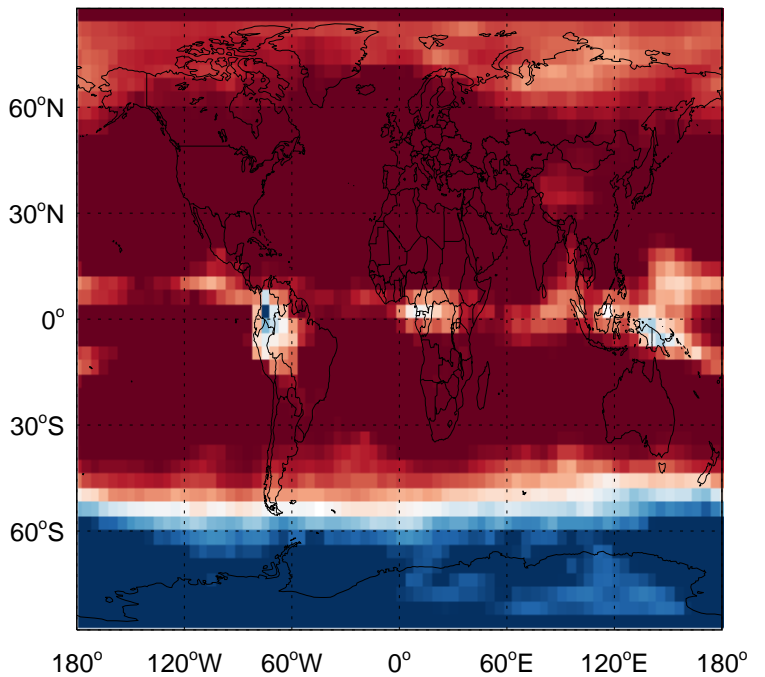
v11-02d / v11-02a

Br / Ratio @ Surface for Oct



v11-02d / v11-02a

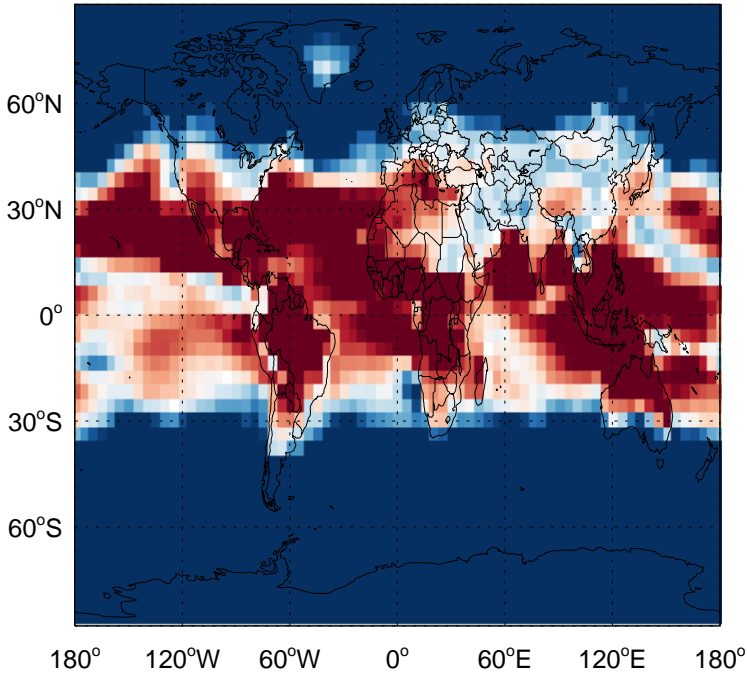
Br / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

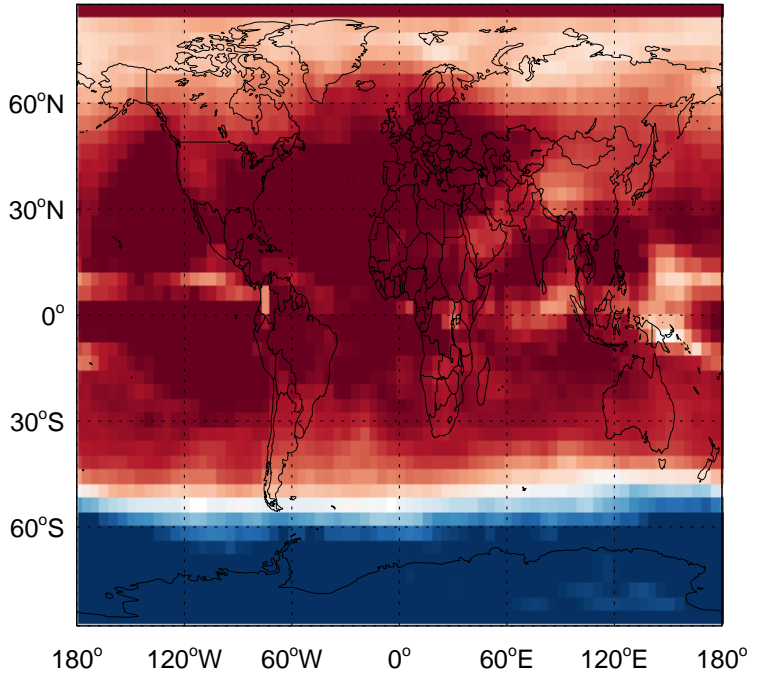
v11-02d / v11-02c

BrO / Ratio @ Surface for Oct



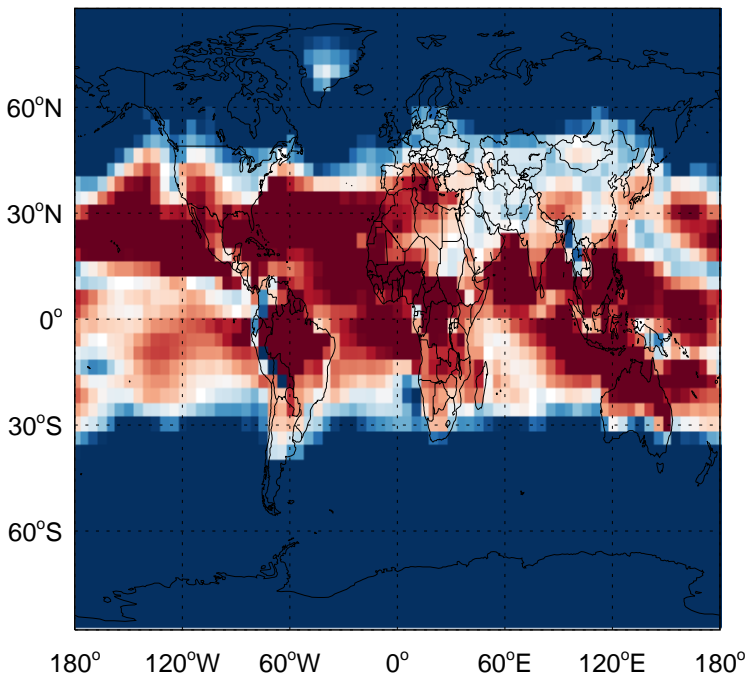
v11-02d / v11-02c

BrO / Ratio @ 500 hPa for Oct



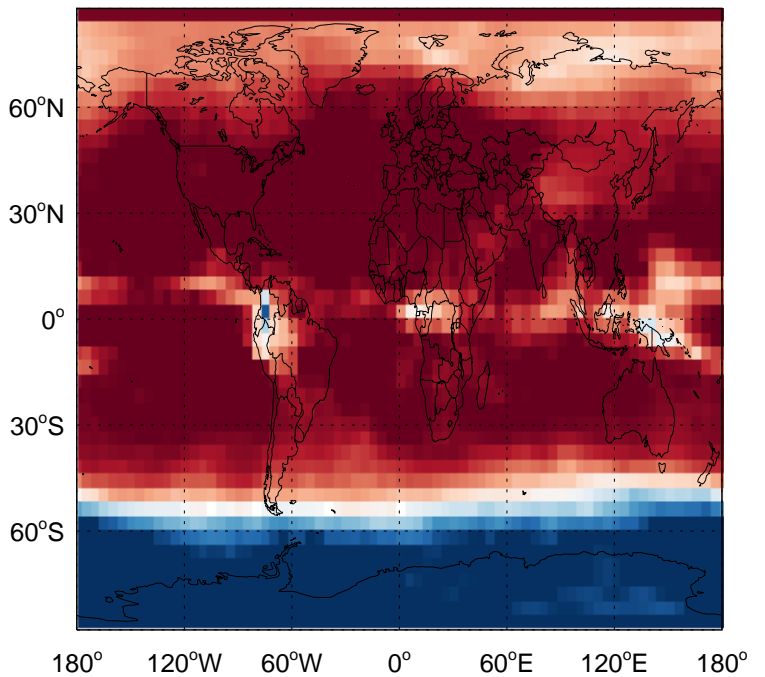
v11-02d / v11-02a

BrO / Ratio @ Surface for Oct



v11-02d / v11-02a

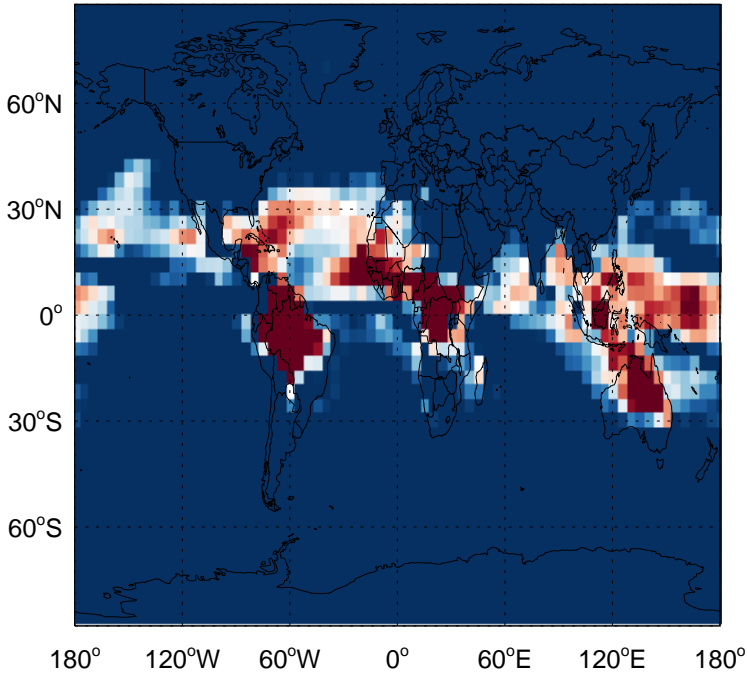
BrO / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

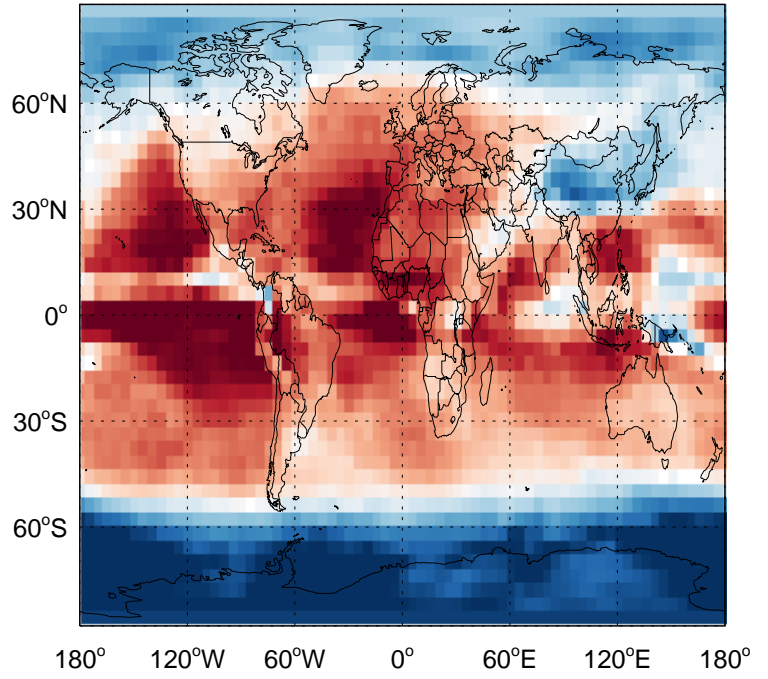
v11-02d / v11-02c

HOBr / Ratio @ Surface for Oct



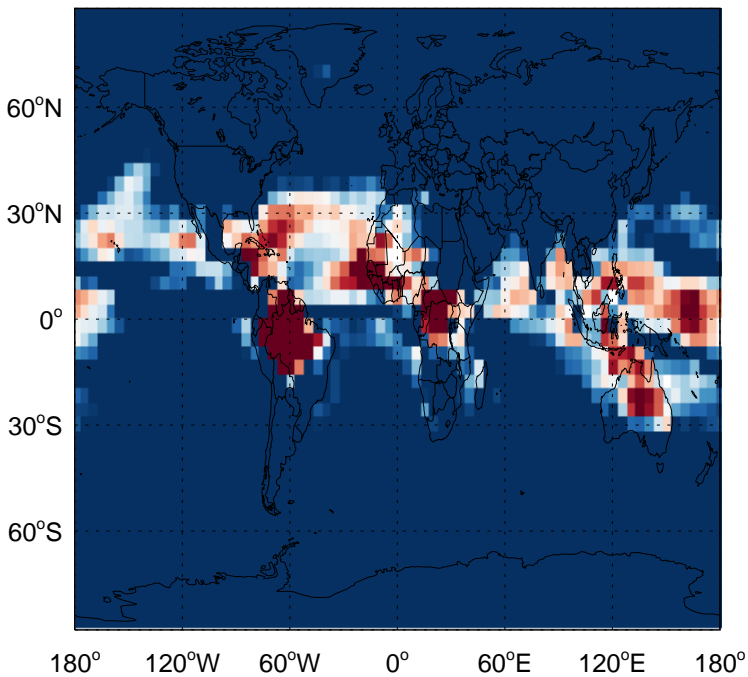
v11-02d / v11-02c

HOBr/ Ratio @ 500 hPa for Oct



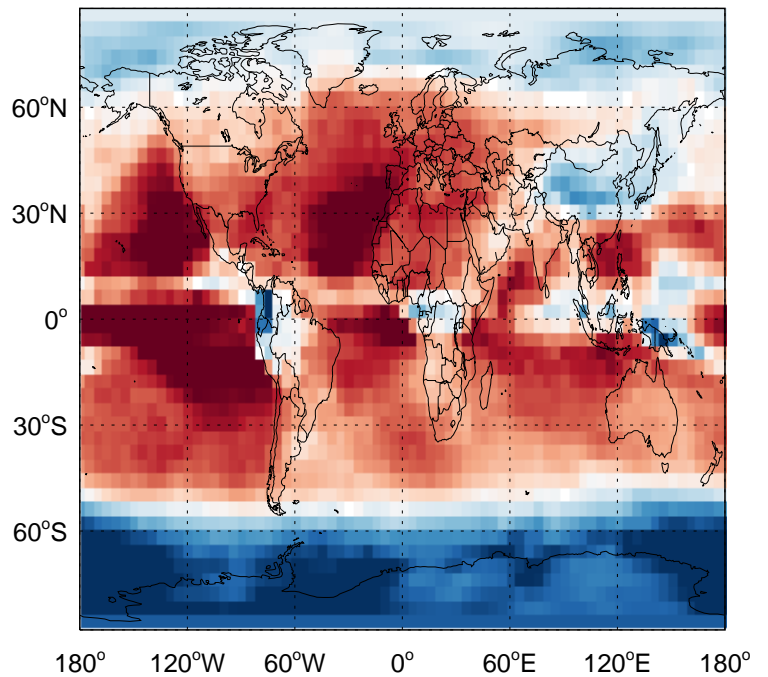
v11-02d / v11-02a

HOBr / Ratio @ Surface for Oct



v11-02d / v11-02a

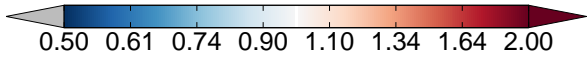
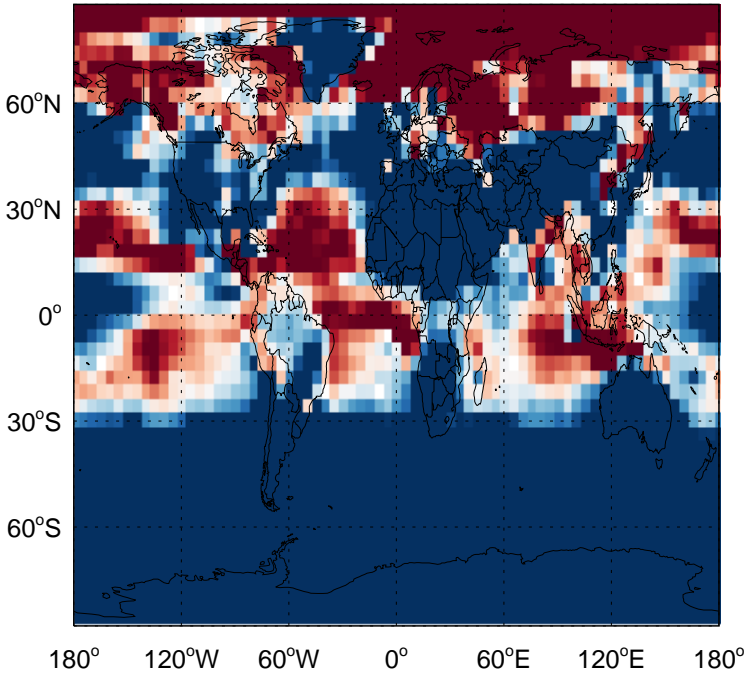
HOBr/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

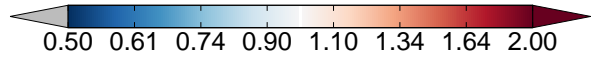
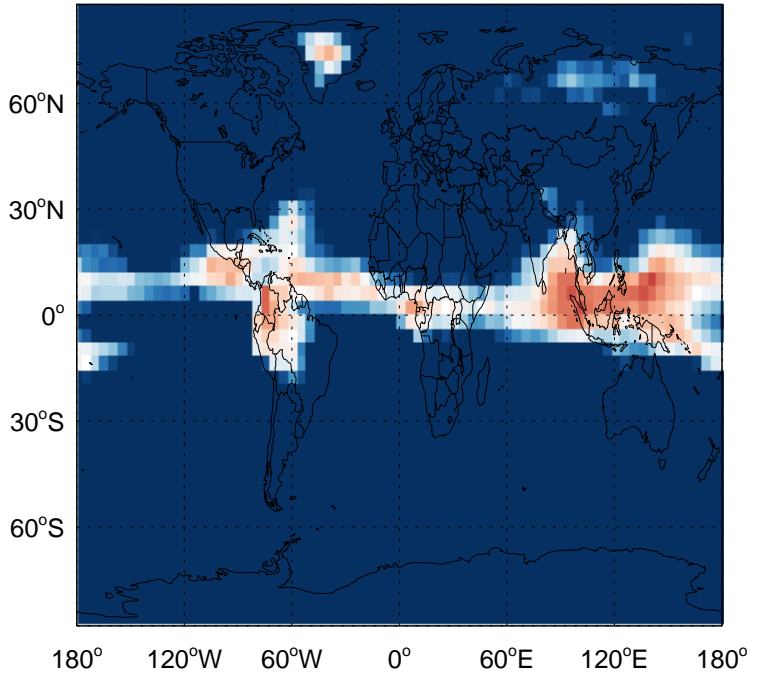
v11-02d / v11-02c

HBr / Ratio @ Surface for Oct



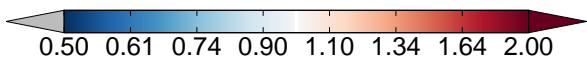
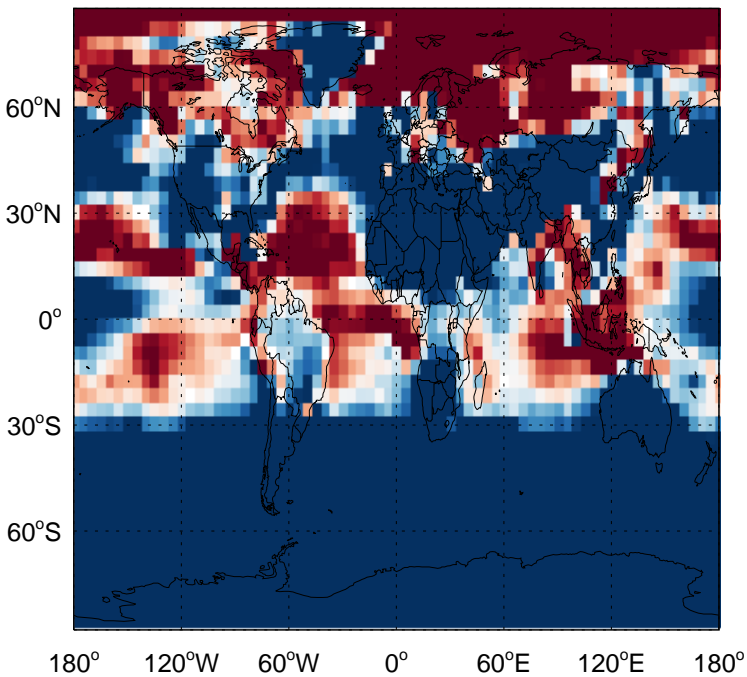
v11-02d / v11-02c

HBr/ Ratio @ 500 hPa for Oct



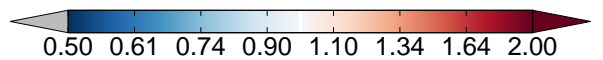
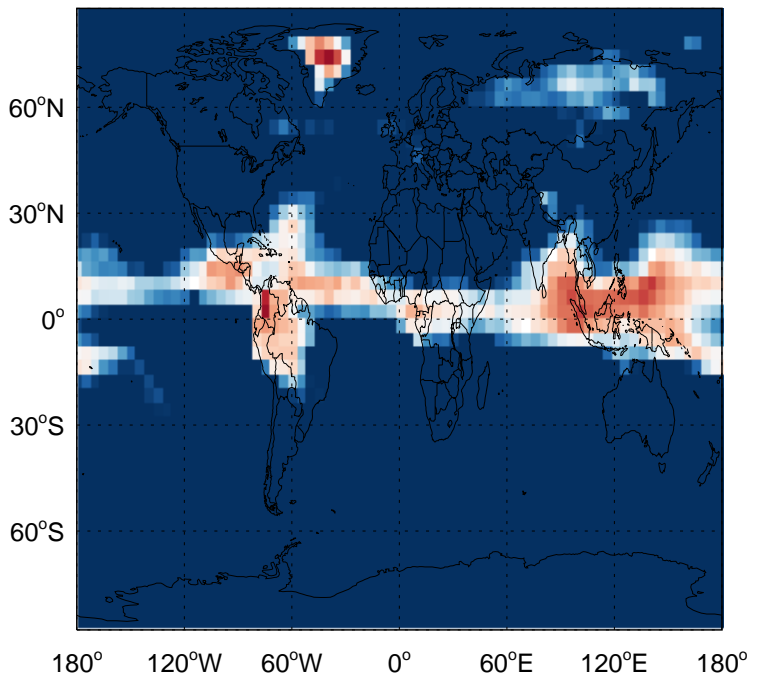
v11-02d / v11-02a

HBr / Ratio @ Surface for Oct



v11-02d / v11-02a

HBr/ Ratio @ 500 hPa for Oct

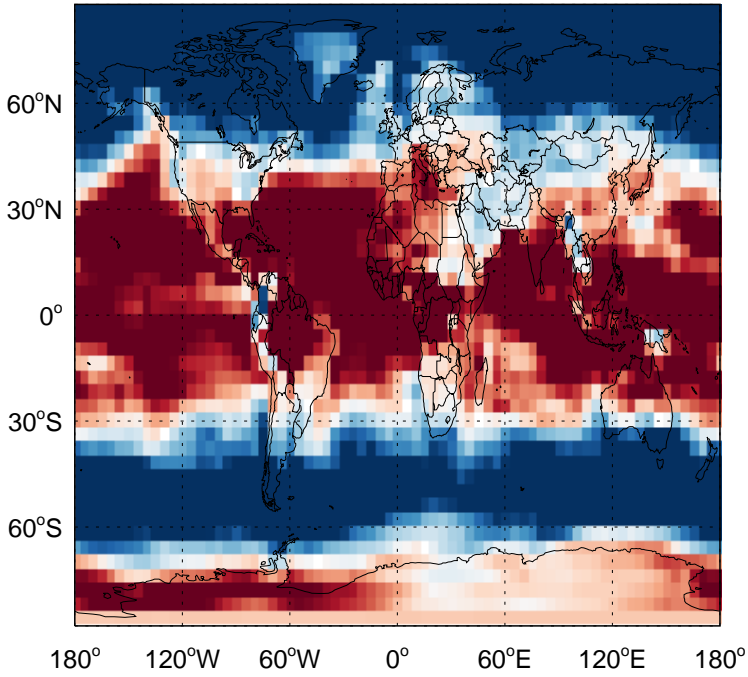




# GEOS-Chem Ratio Maps at surface and 500 hPa

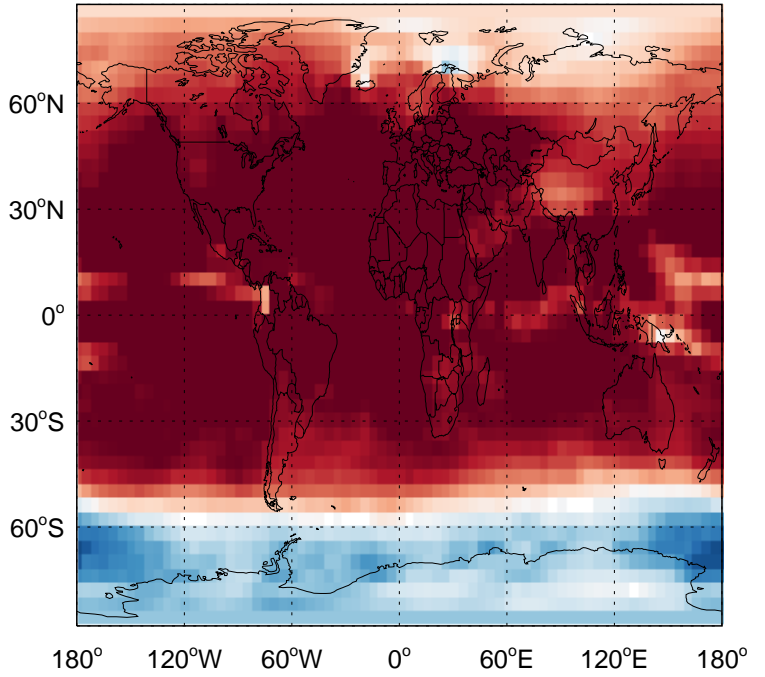
v11-02d / v11-02c

BrNO<sub>2</sub> / Ratio @ Surface for Oct



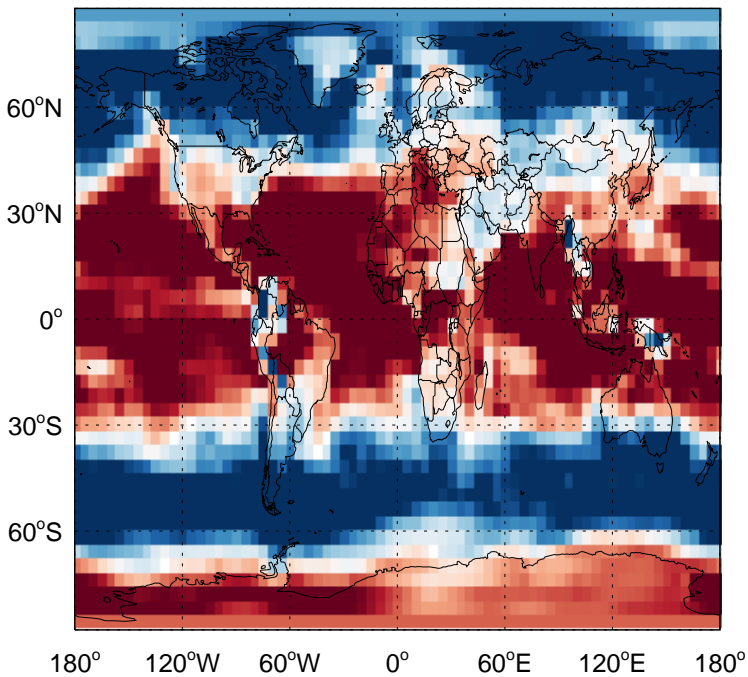
v11-02d / v11-02c

BrNO<sub>2</sub> / Ratio @ 500 hPa for Oct



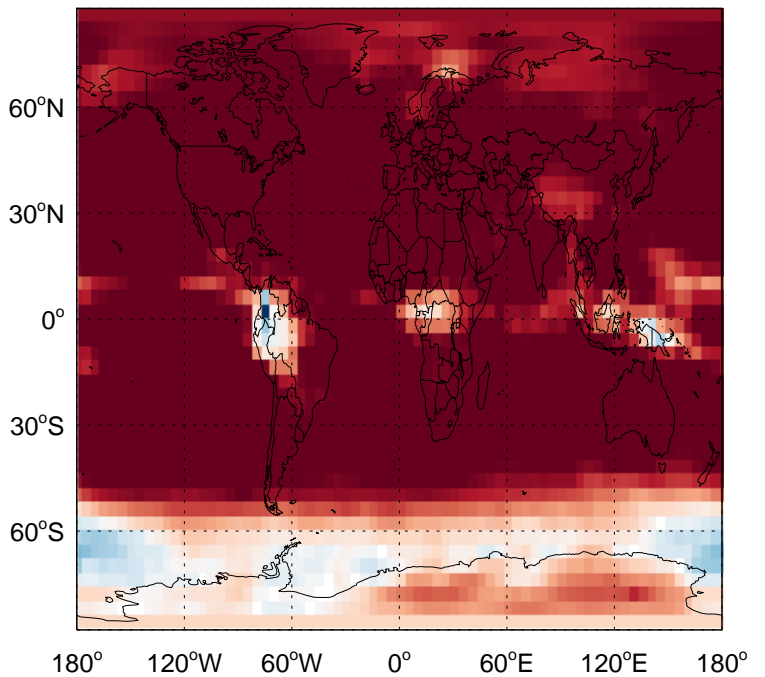
v11-02d / v11-02a

BrNO<sub>2</sub> / Ratio @ Surface for Oct



v11-02d / v11-02a

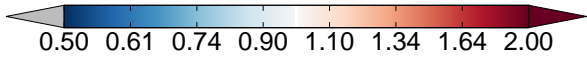
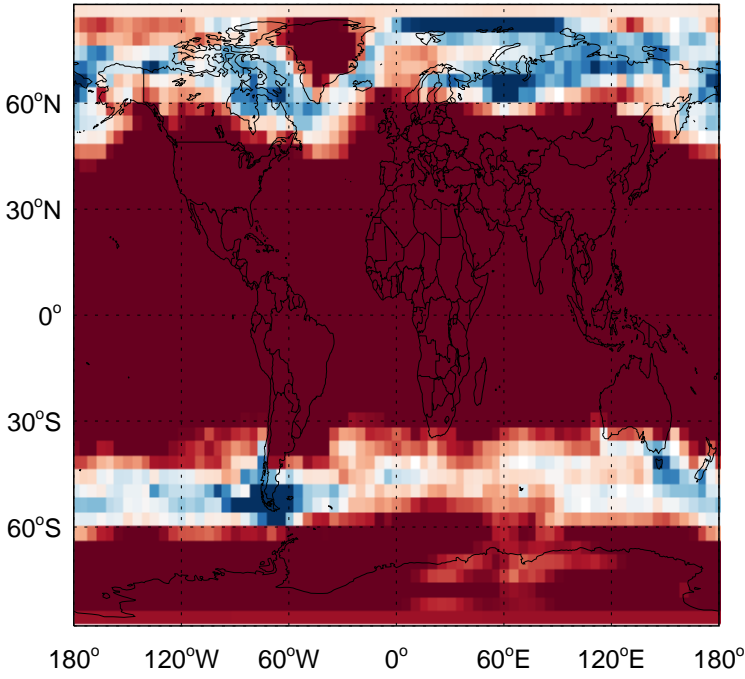
BrNO<sub>2</sub> / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

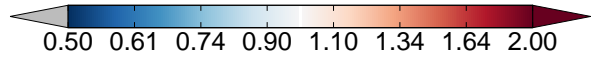
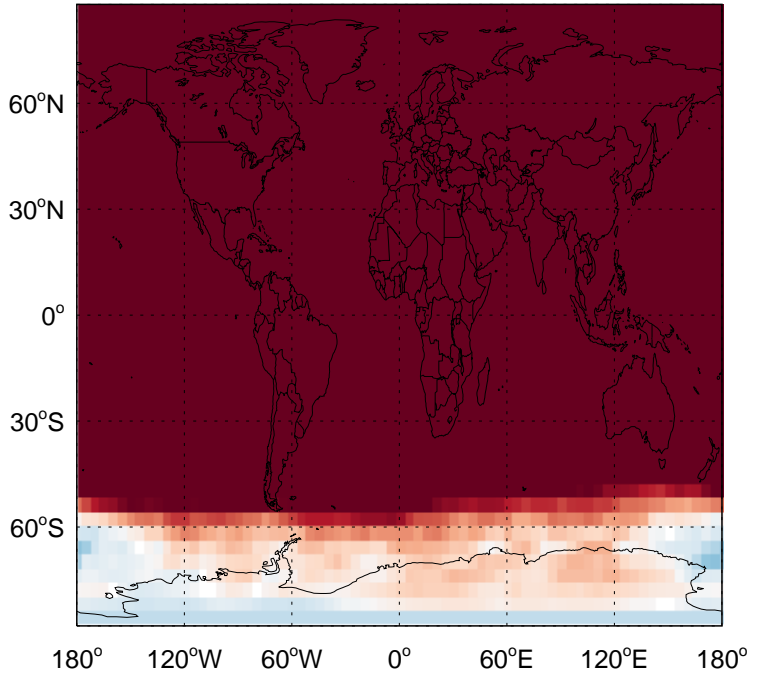
v11-02d / v11-02c

BrNO<sub>3</sub> / Ratio @ Surface for Oct



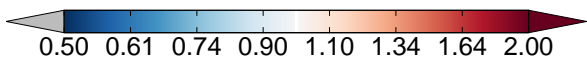
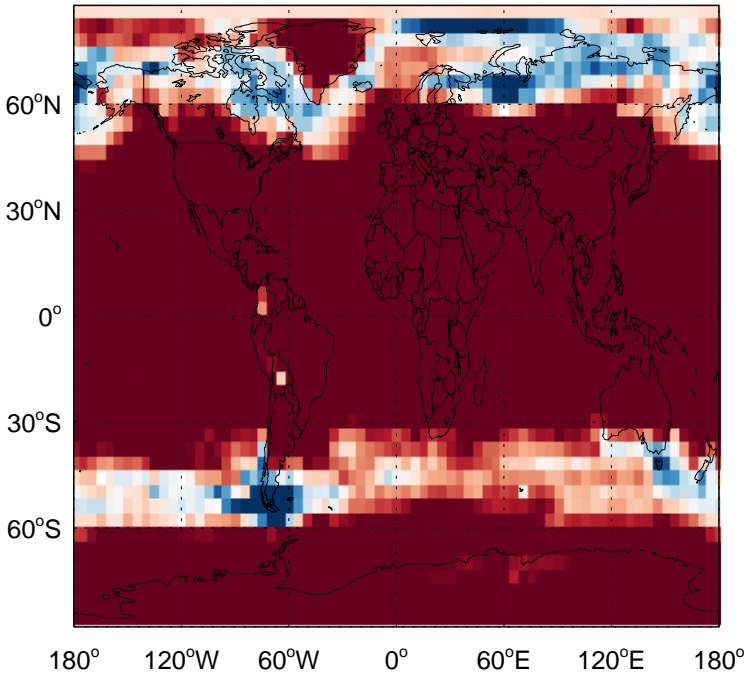
v11-02d / v11-02c

BrNO<sub>3</sub> / Ratio @ 500 hPa for Oct



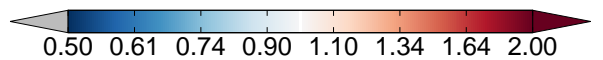
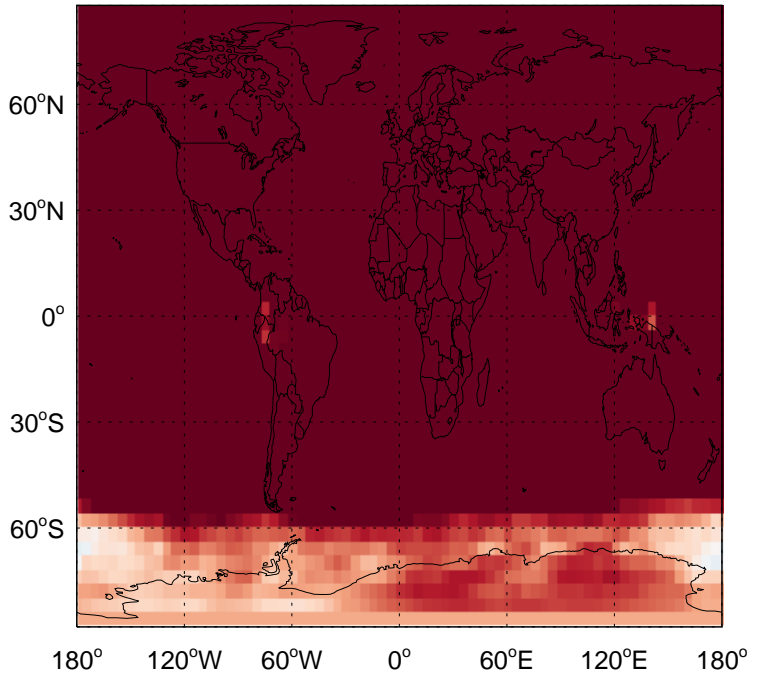
v11-02d / v11-02a

BrNO<sub>3</sub> / Ratio @ Surface for Oct



v11-02d / v11-02a

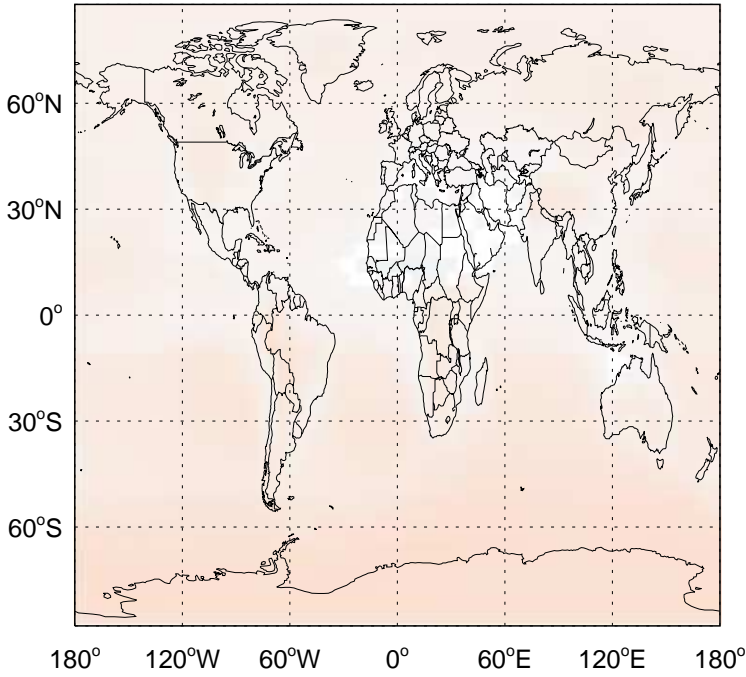
BrNO<sub>3</sub> / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

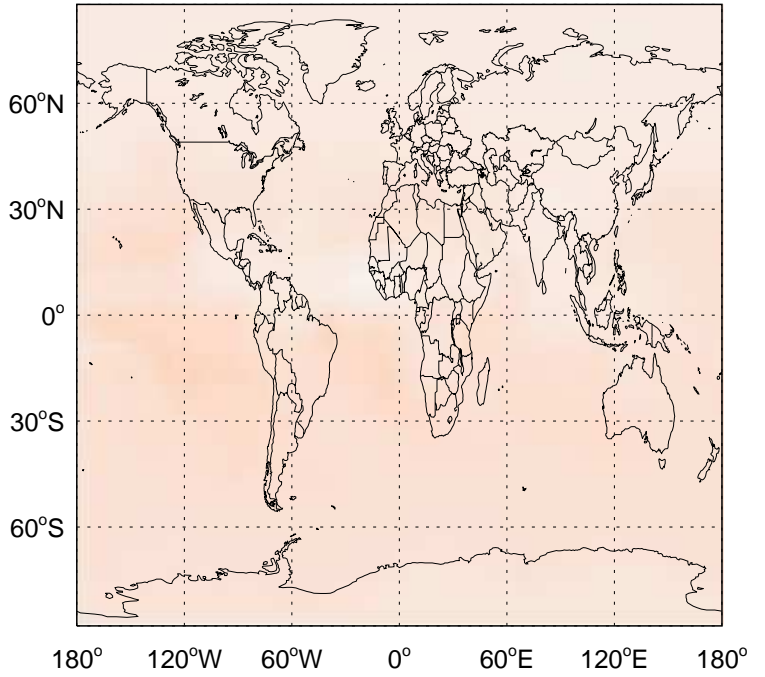
v11-02d / v11-02c

CHBr3 / Ratio @ Surface for Oct



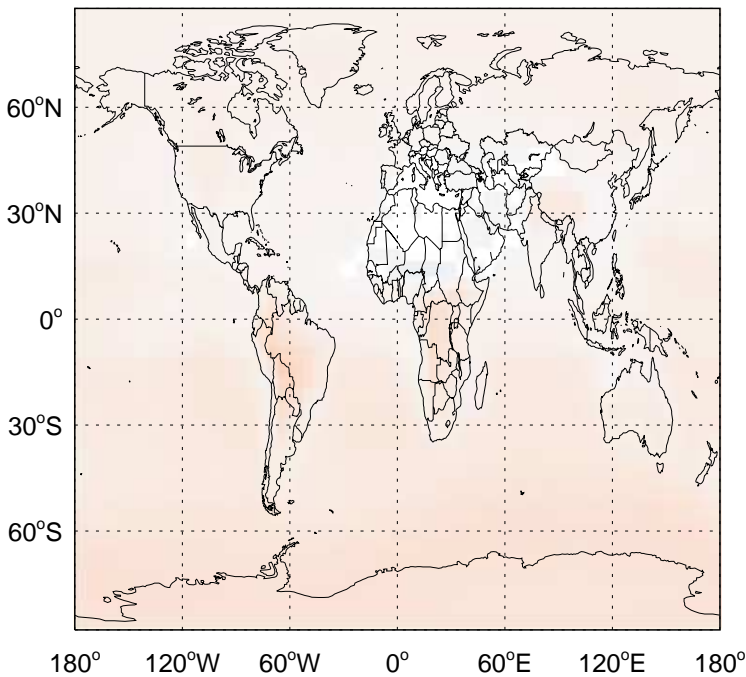
v11-02d / v11-02c

CHBr3/ Ratio @ 500 hPa for Oct



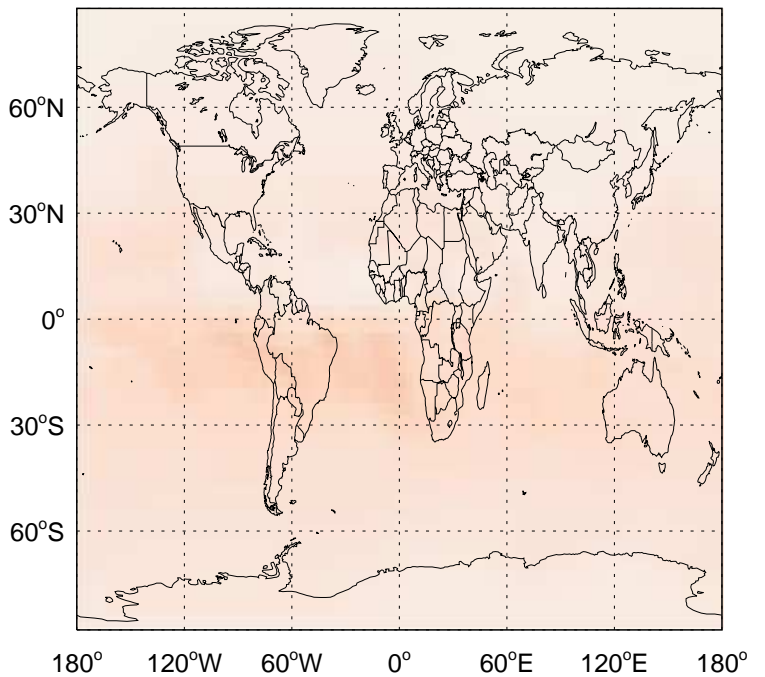
v11-02d / v11-02a

CHBr3 / Ratio @ Surface for Oct



v11-02d / v11-02a

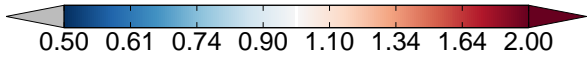
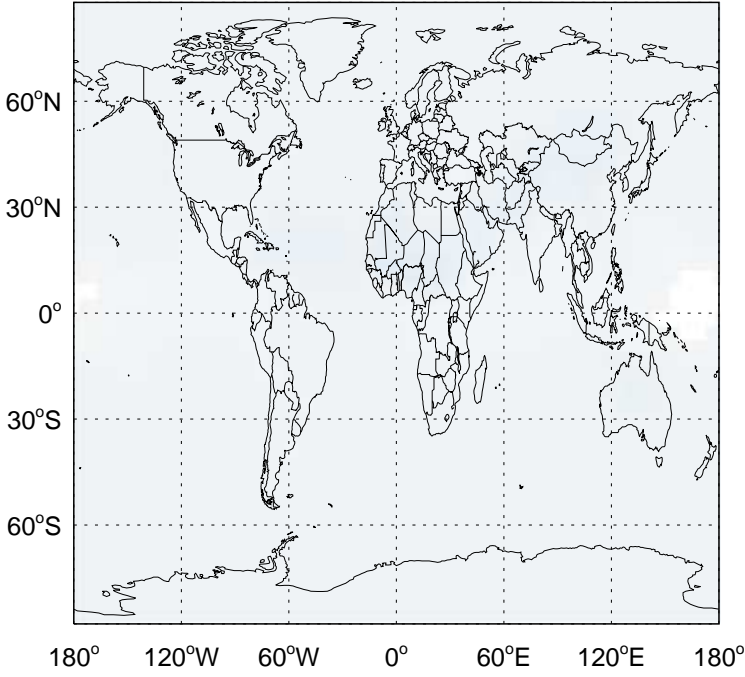
CHBr3/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

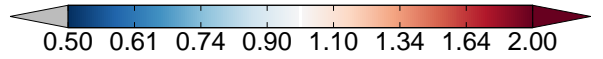
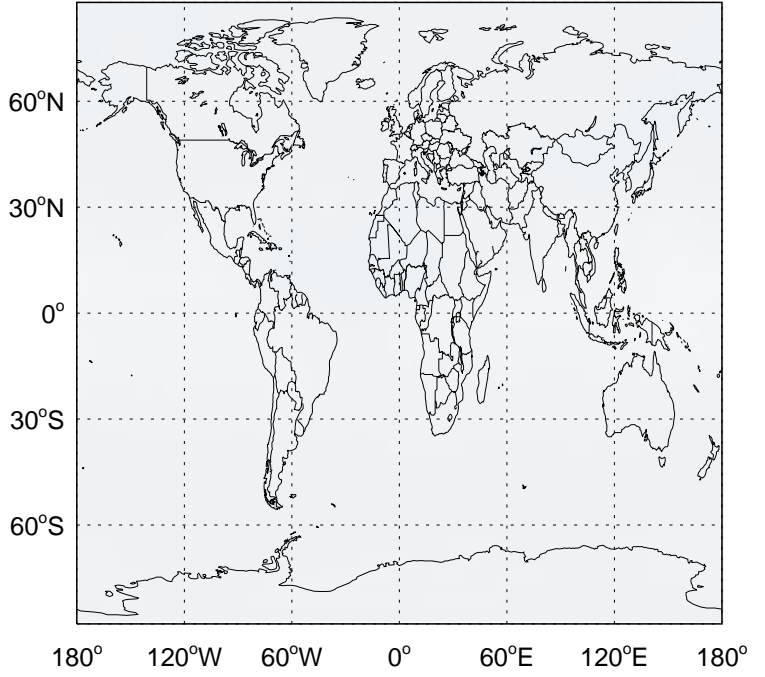
v11-02d / v11-02c

CH<sub>2</sub>Br<sub>2</sub> / Ratio @ Surface for Oct



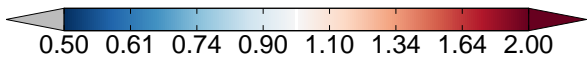
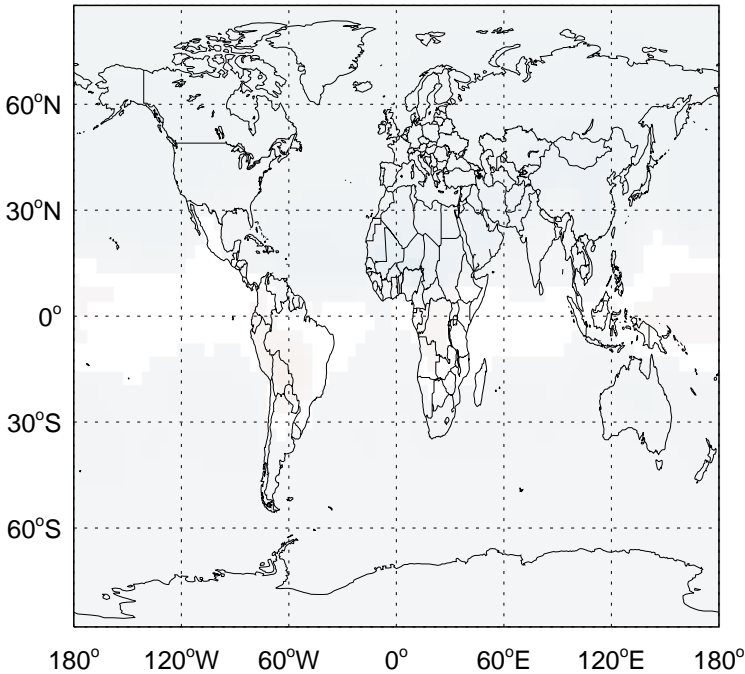
v11-02d / v11-02c

CH<sub>2</sub>Br<sub>2</sub> / Ratio @ 500 hPa for Oct



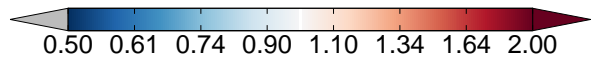
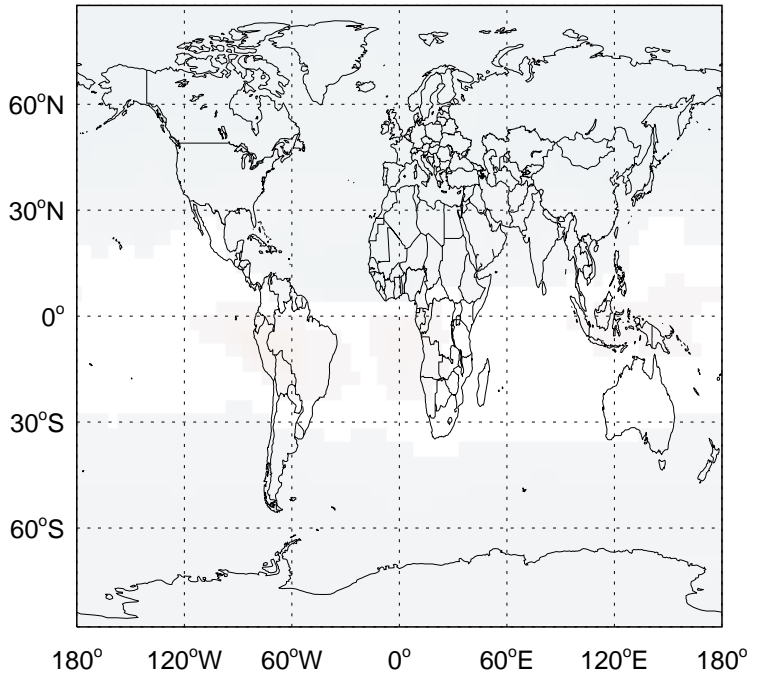
v11-02d / v11-02a

CH<sub>2</sub>Br<sub>2</sub> / Ratio @ Surface for Oct



v11-02d / v11-02a

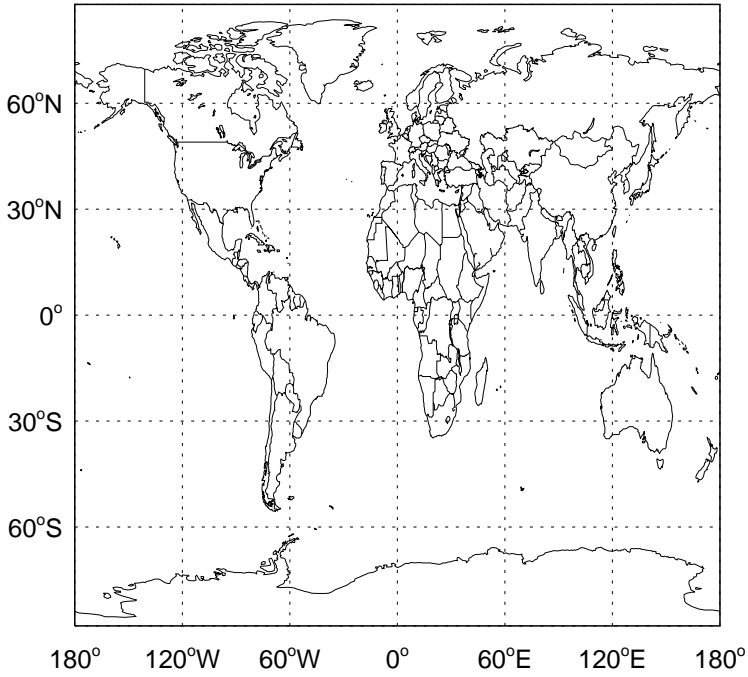
CH<sub>2</sub>Br<sub>2</sub> / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

v11-02d / v11-02c

CH3Br / Ratio @ Surface for Oct



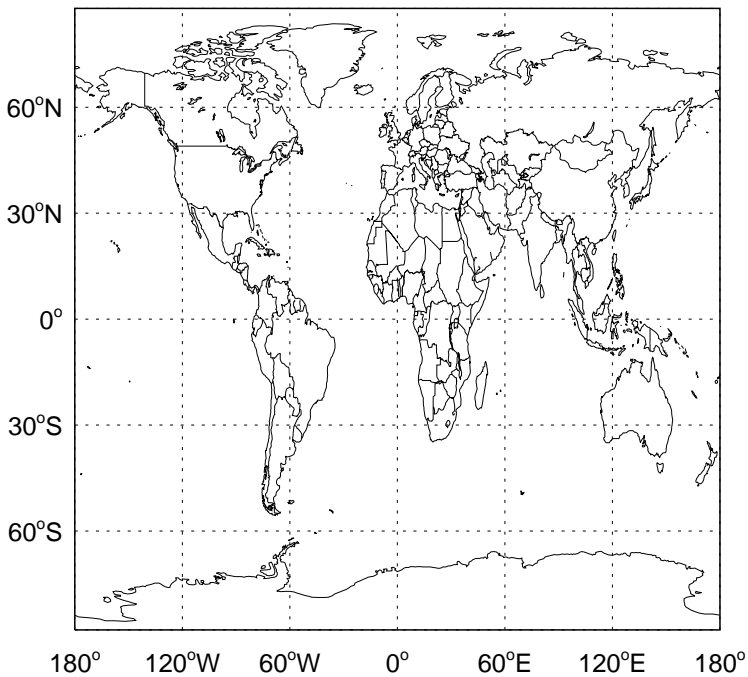
v11-02d / v11-02c

CH3Br/ Ratio @ 500 hPa for Oct



v11-02d / v11-02a

CH3Br / Ratio @ Surface for Oct



v11-02d / v11-02a

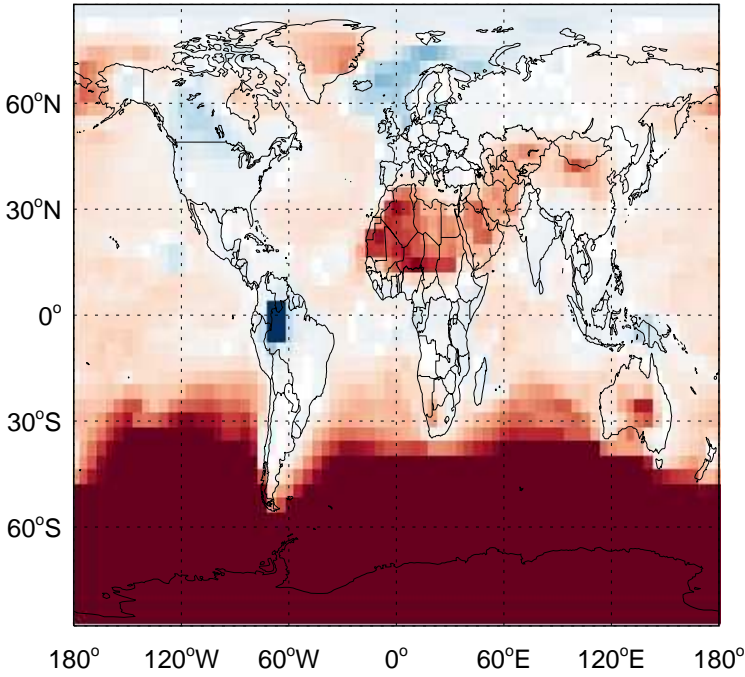
CH3Br/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

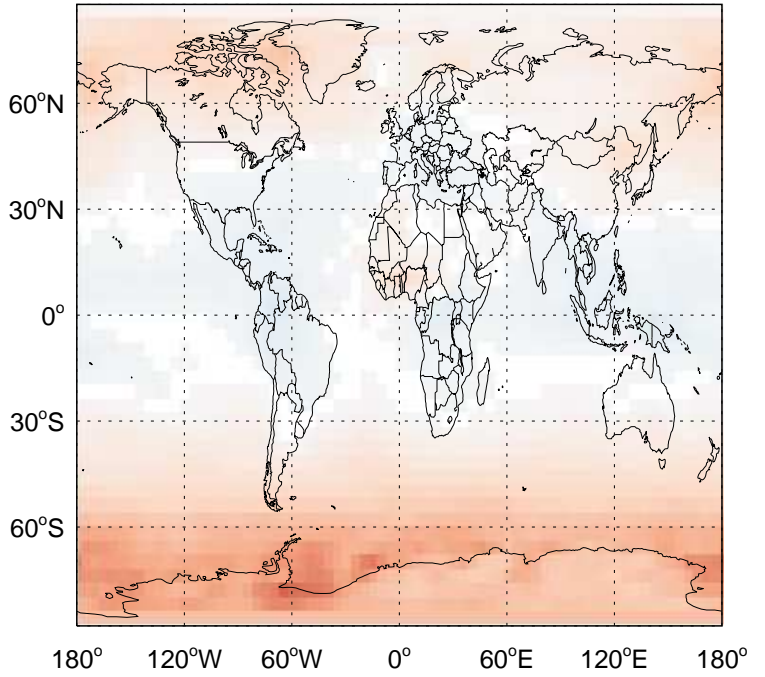
v11-02d / v11-02c

MPN / Ratio @ Surface for Oct



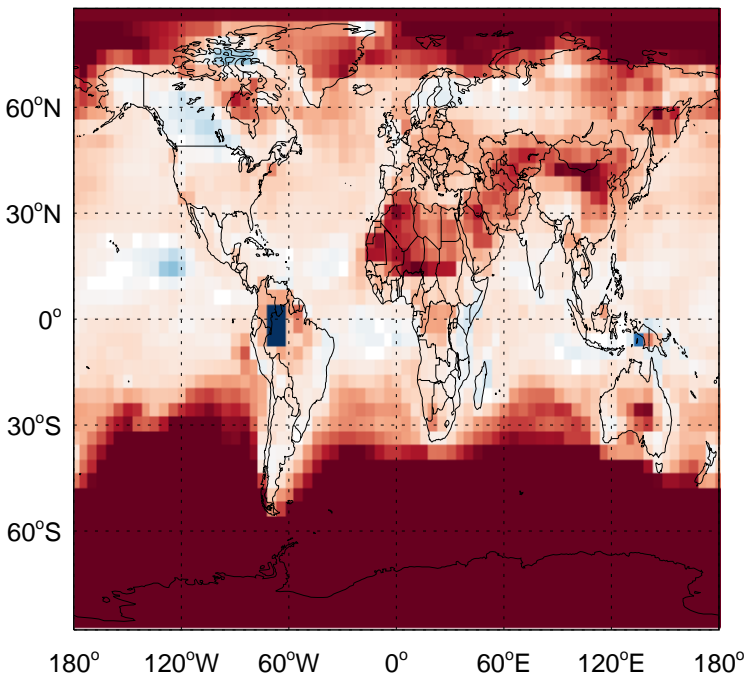
v11-02d / v11-02c

MPN/ Ratio @ 500 hPa for Oct



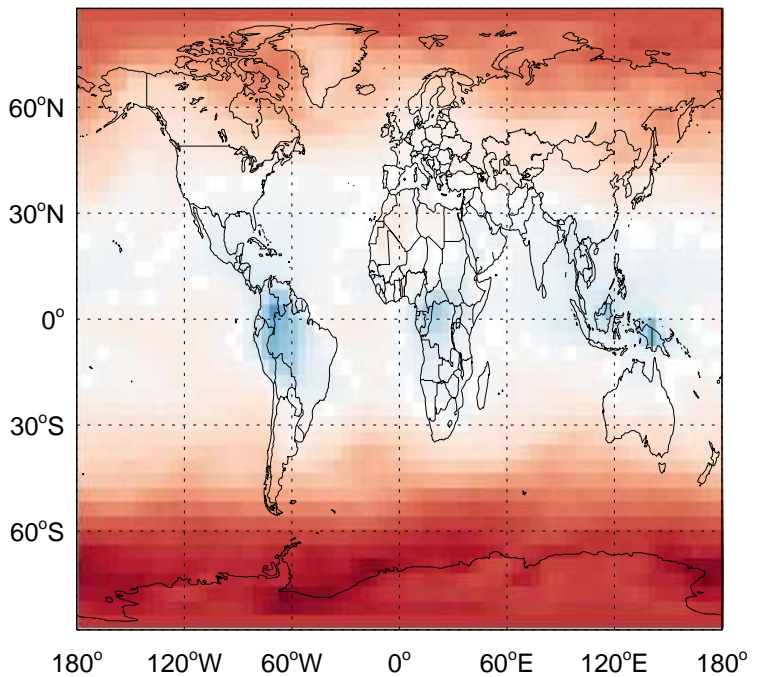
v11-02d / v11-02a

MPN / Ratio @ Surface for Oct



v11-02d / v11-02a

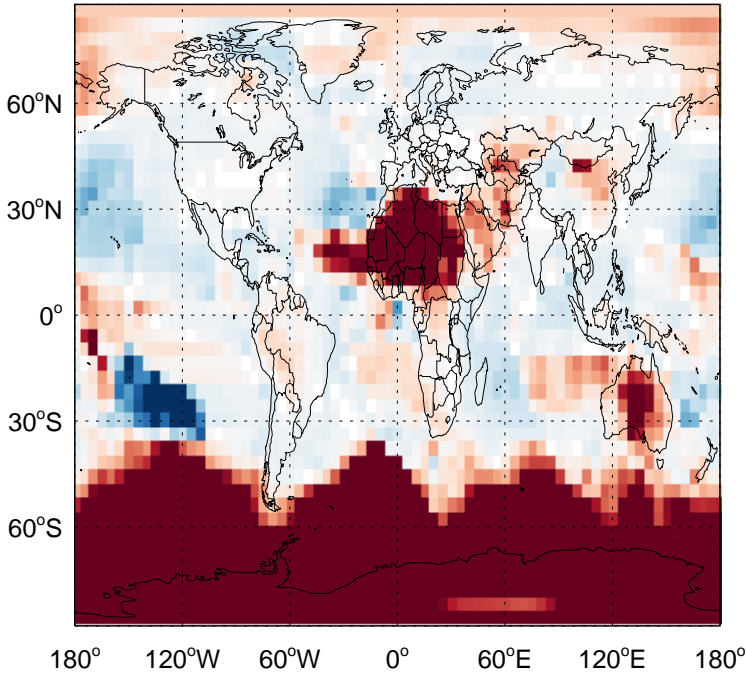
MPN/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

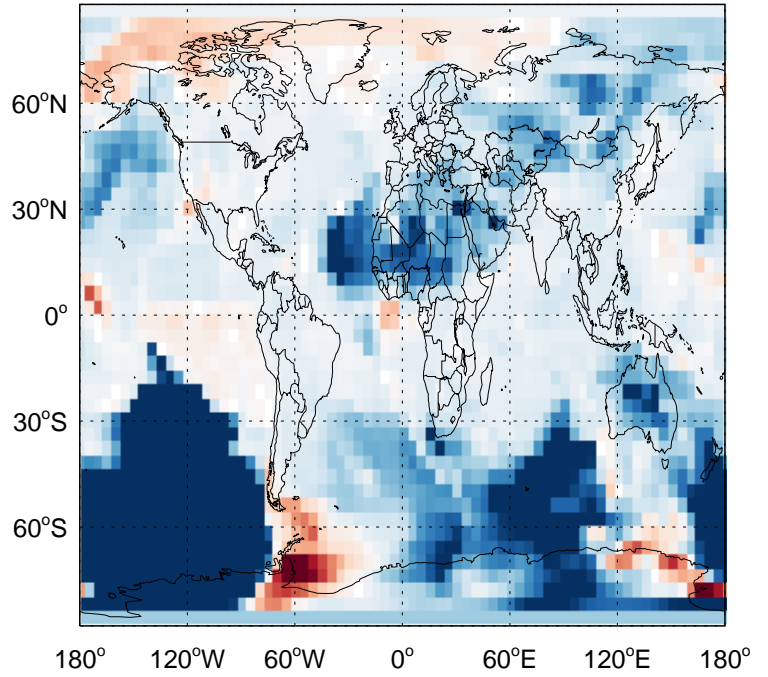
v11-02d / v11-02c

ISOPND / Ratio @ Surface for Oct



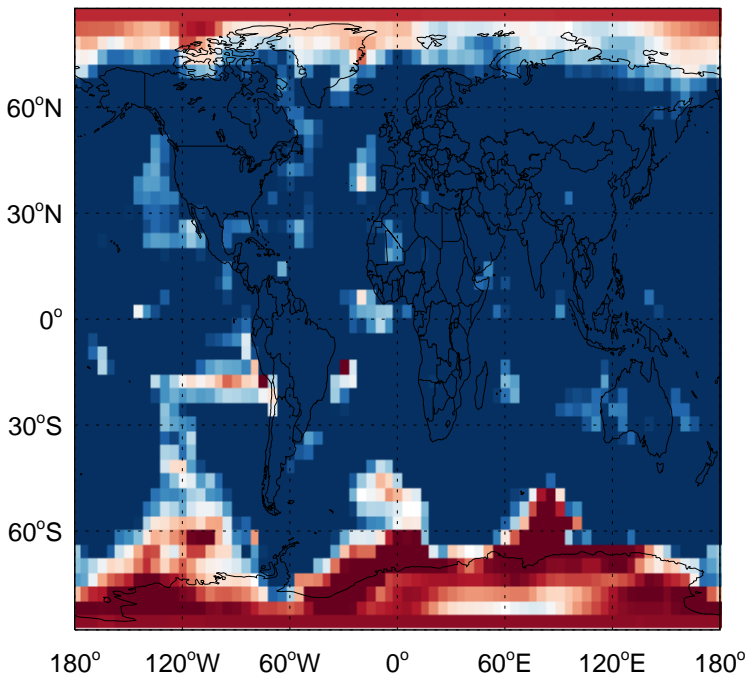
v11-02d / v11-02c

ISOPND/ Ratio @ 500 hPa for Oct



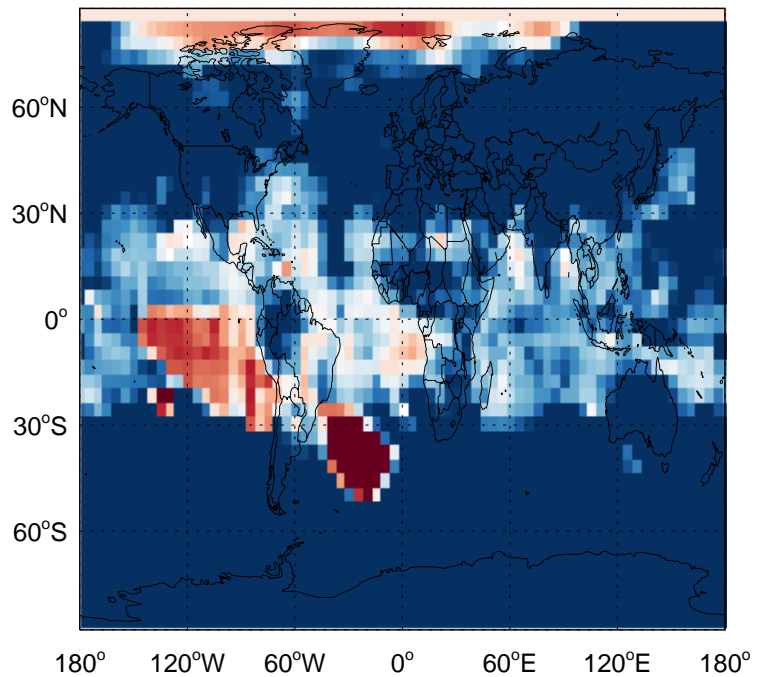
v11-02d / v11-02a

ISOPND / Ratio @ Surface for Oct



v11-02d / v11-02a

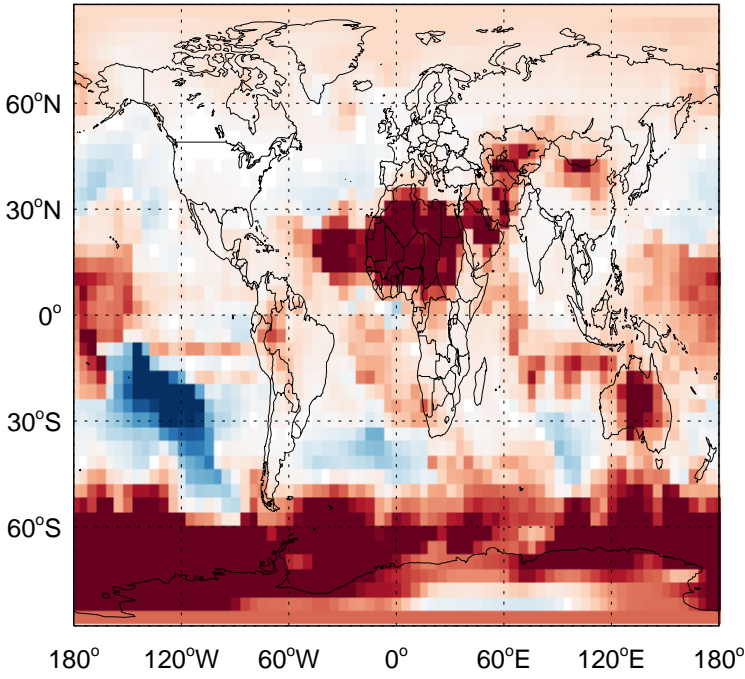
ISOPND/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

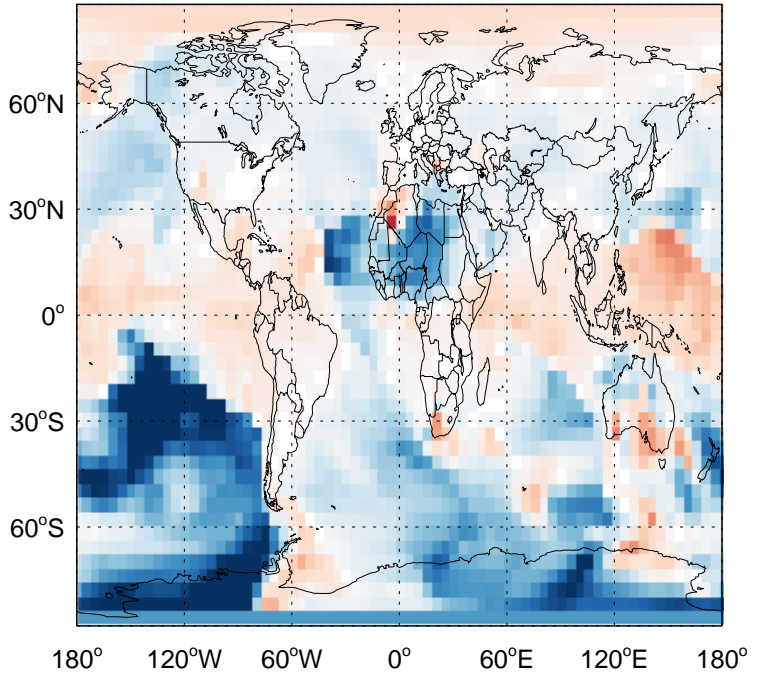
v11-02d / v11-02c

ISOPNB / Ratio @ Surface for Oct



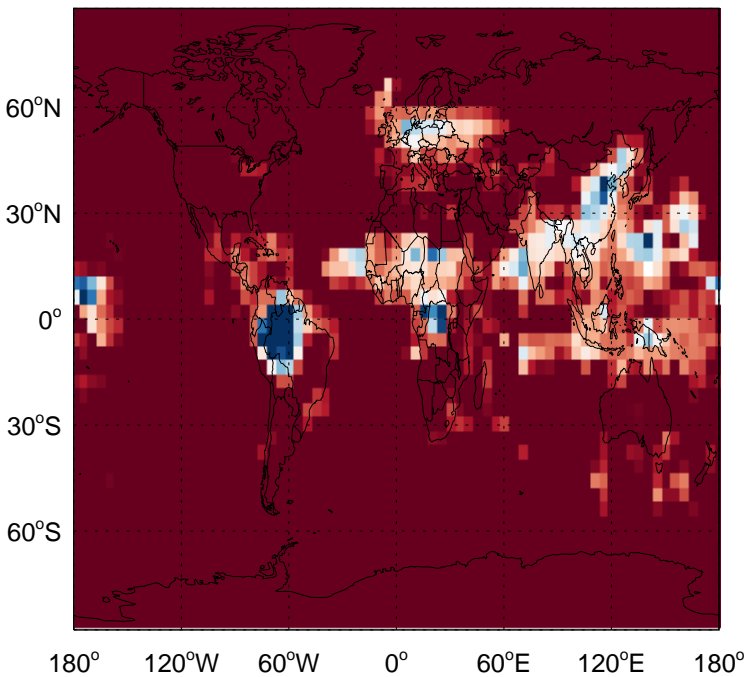
v11-02d / v11-02c

ISOPNB/ Ratio @ 500 hPa for Oct



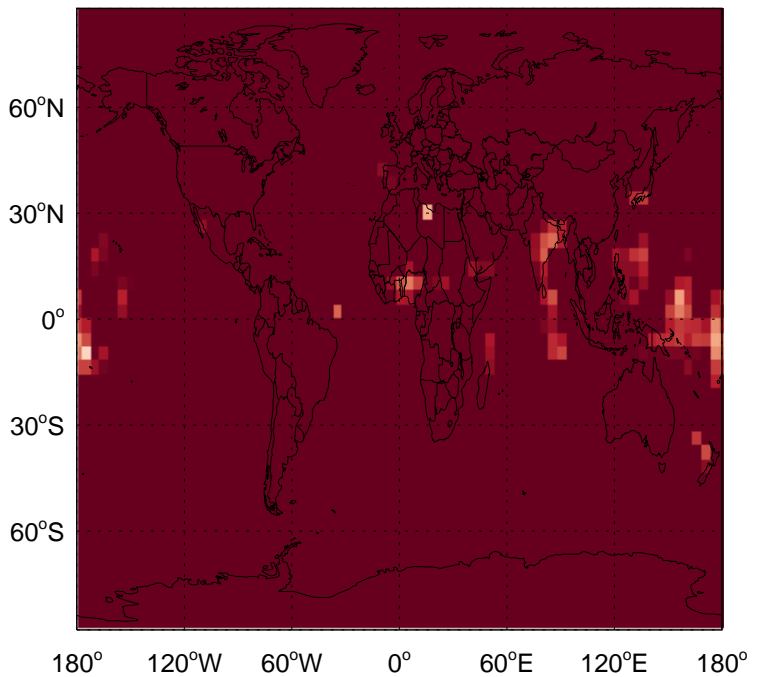
v11-02d / v11-02a

ISOPNB / Ratio @ Surface for Oct



v11-02d / v11-02a

ISOPNB/ Ratio @ 500 hPa for Oct

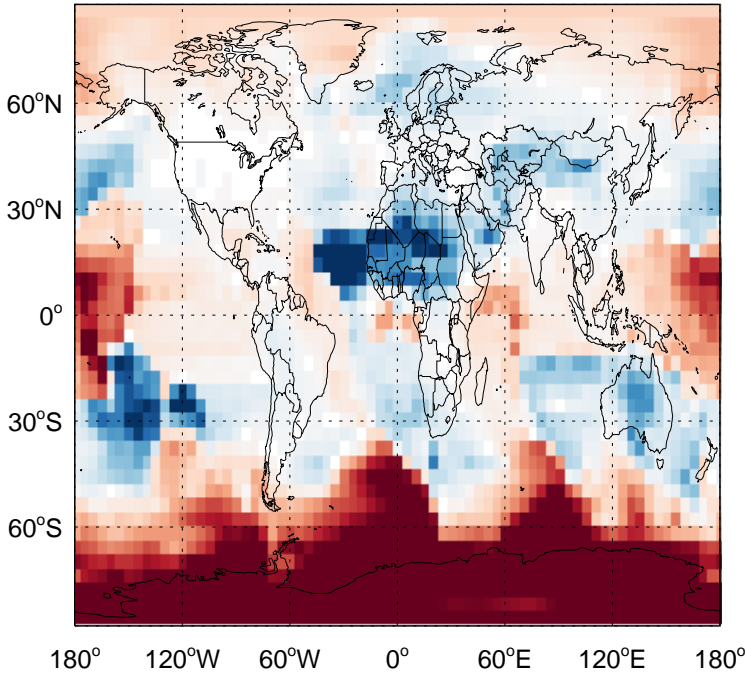




# GEOS-Chem Ratio Maps at surface and 500 hPa

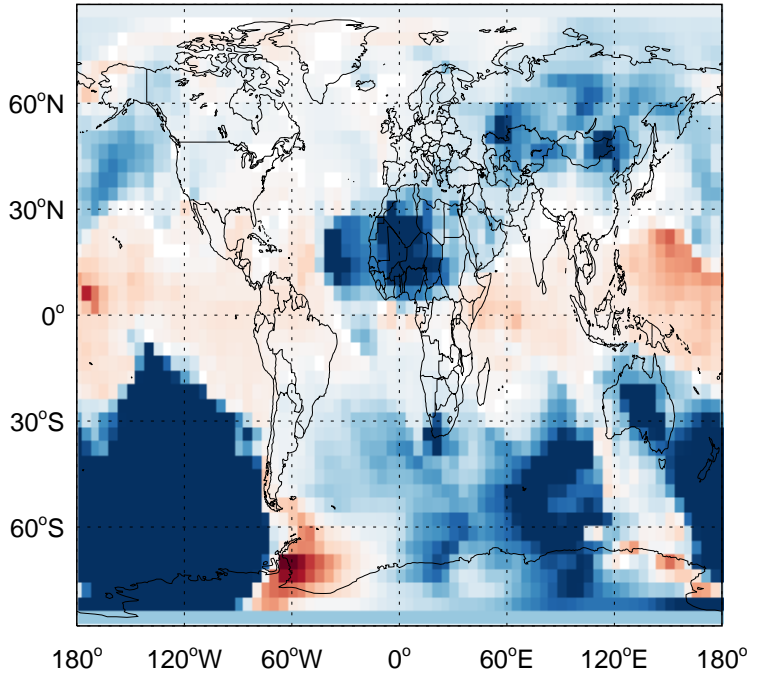
v11-02d / v11-02c

MOBA / Ratio @ Surface for Oct



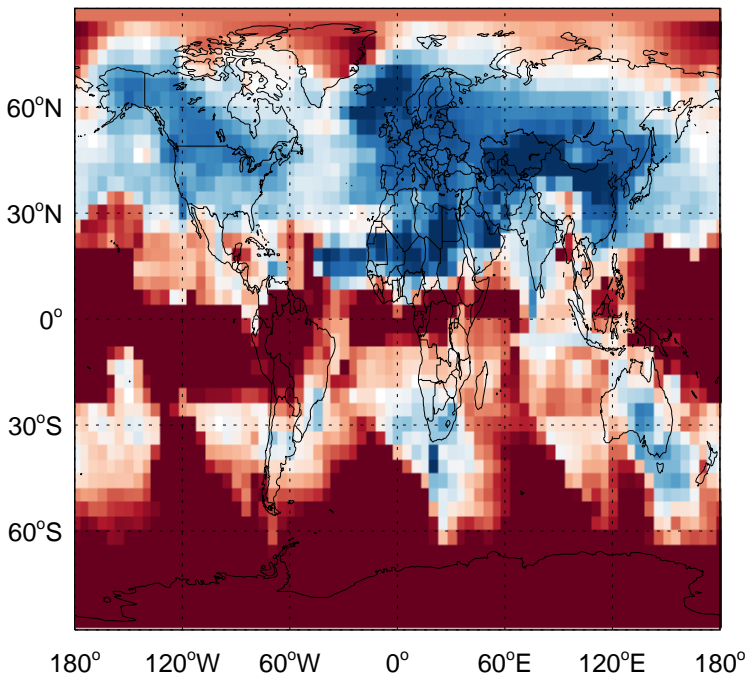
v11-02d / v11-02c

MOBA/ Ratio @ 500 hPa for Oct



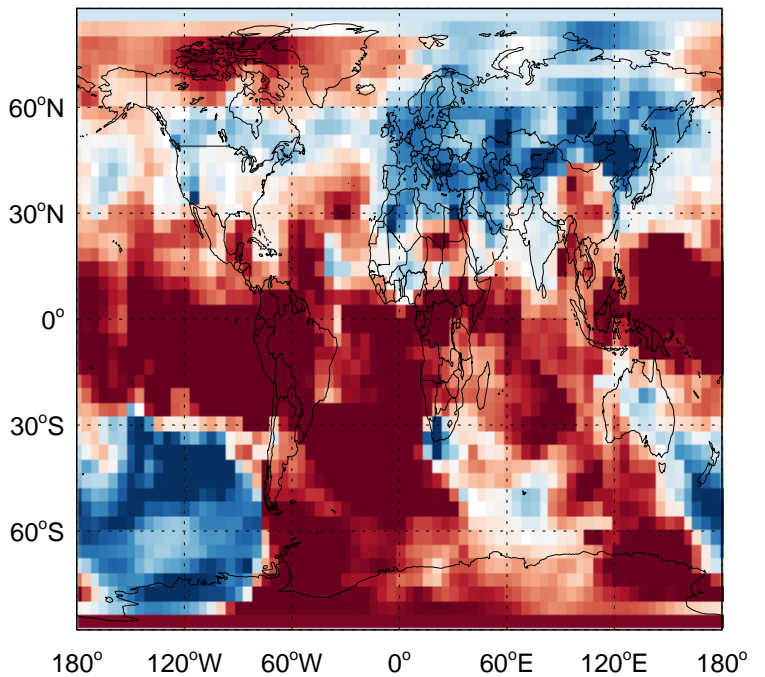
v11-02d / v11-02a

MOBA / Ratio @ Surface for Oct



v11-02d / v11-02a

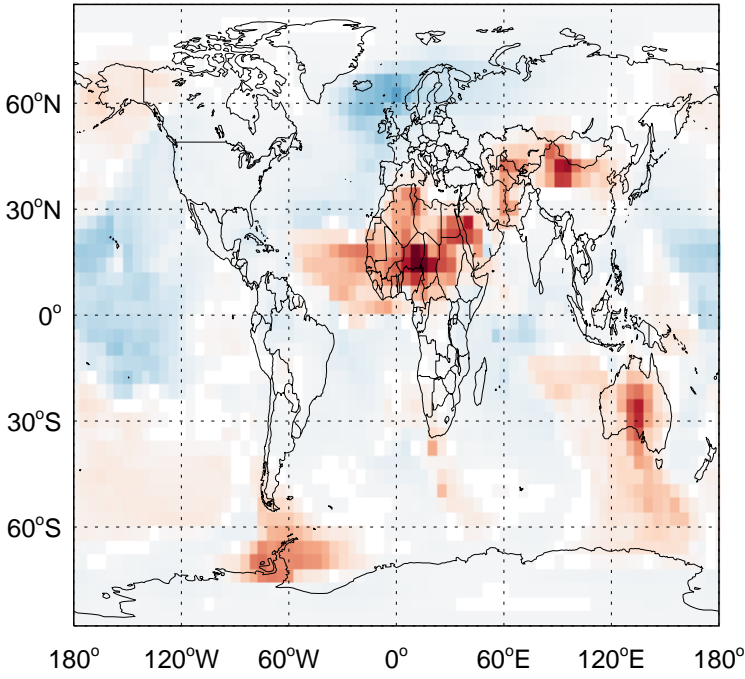
MOBA/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

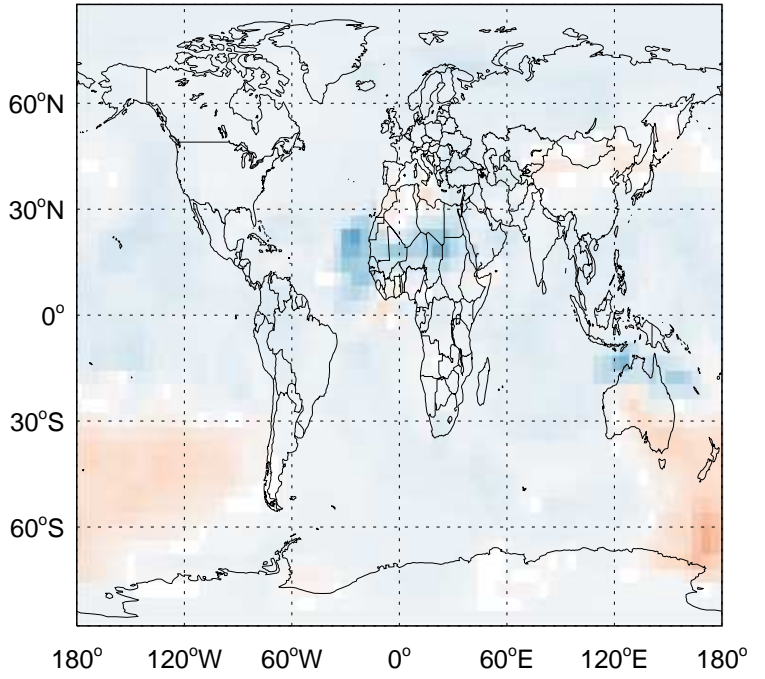
v11-02d / v11-02c

PROPNN / Ratio @ Surface for Oct



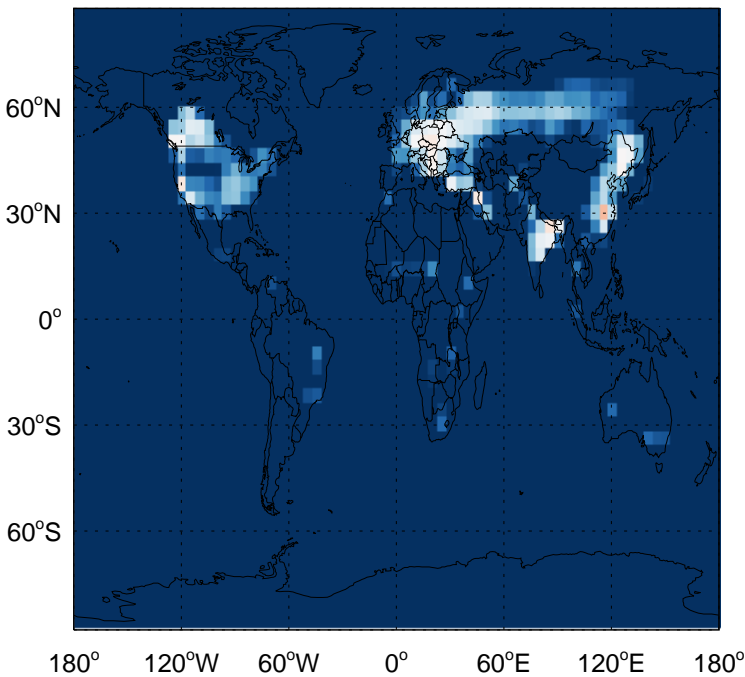
v11-02d / v11-02c

PROPNN/ Ratio @ 500 hPa for Oct



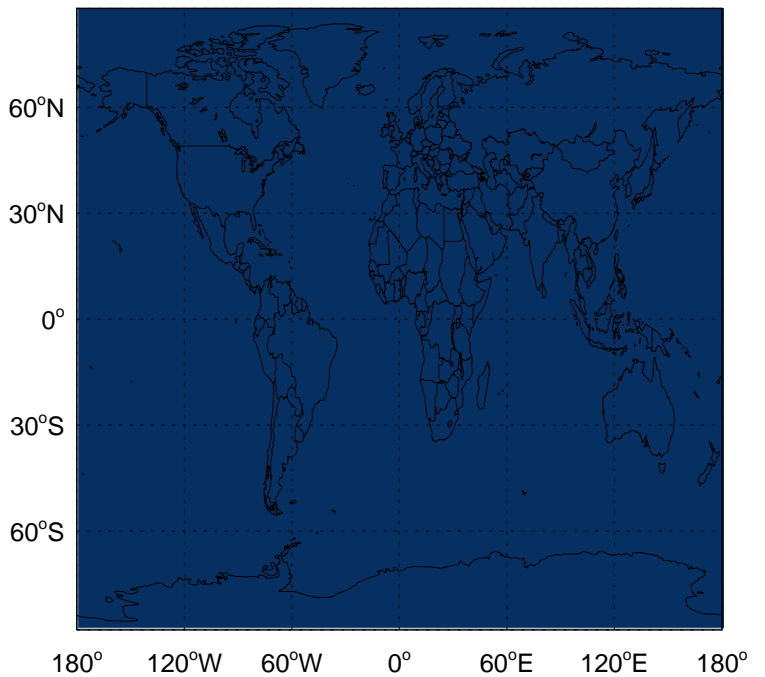
v11-02d / v11-02a

PROPNN / Ratio @ Surface for Oct



v11-02d / v11-02a

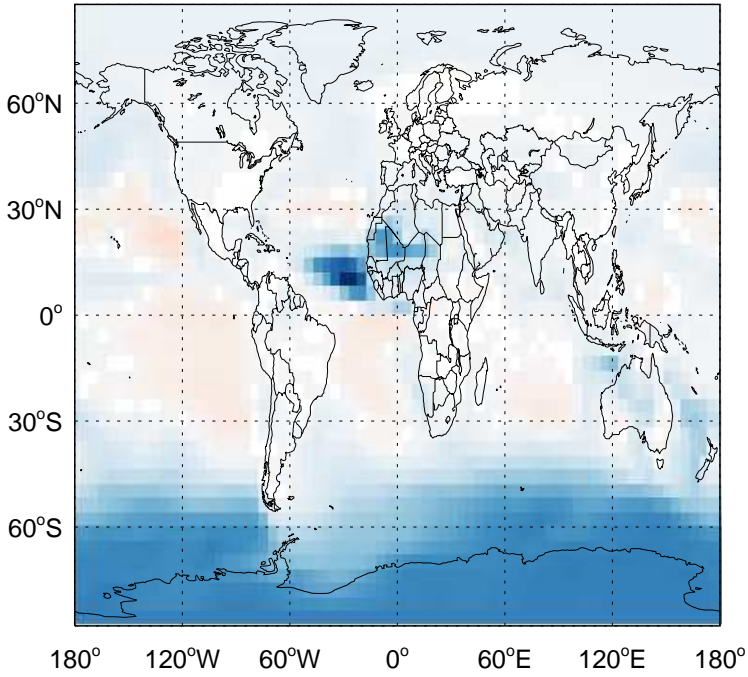
PROPNN/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

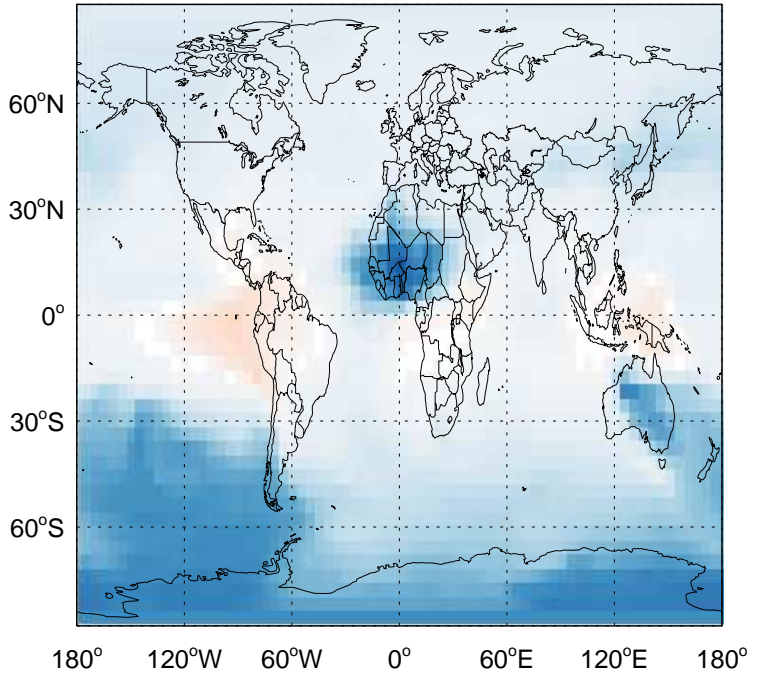
v11-02d / v11-02c

HAC / Ratio @ Surface for Oct



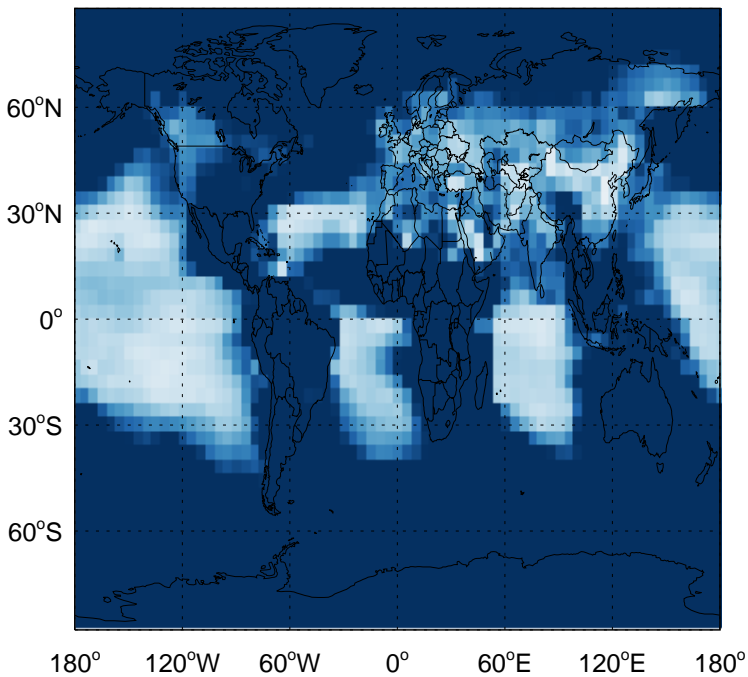
v11-02d / v11-02c

HAC/ Ratio @ 500 hPa for Oct



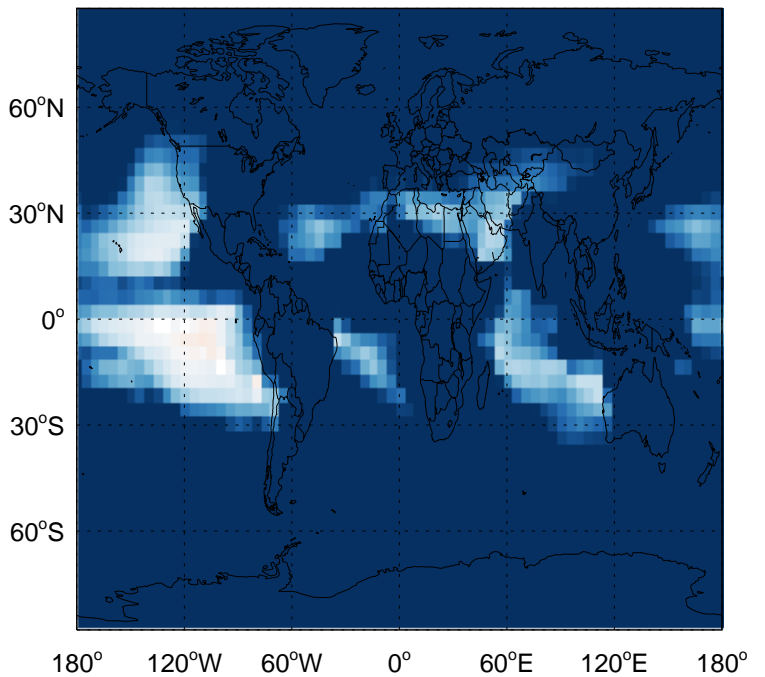
v11-02d / v11-02a

HAC / Ratio @ Surface for Oct



v11-02d / v11-02a

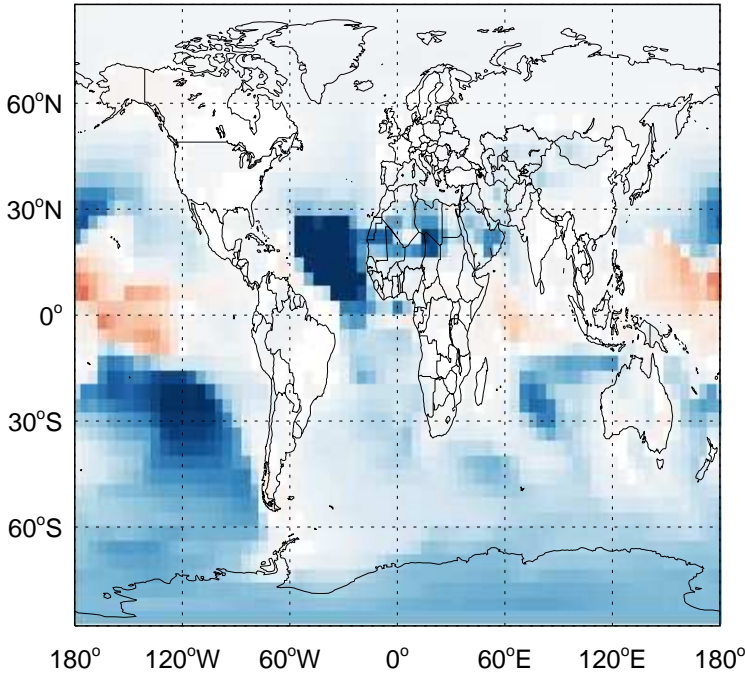
HAC/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

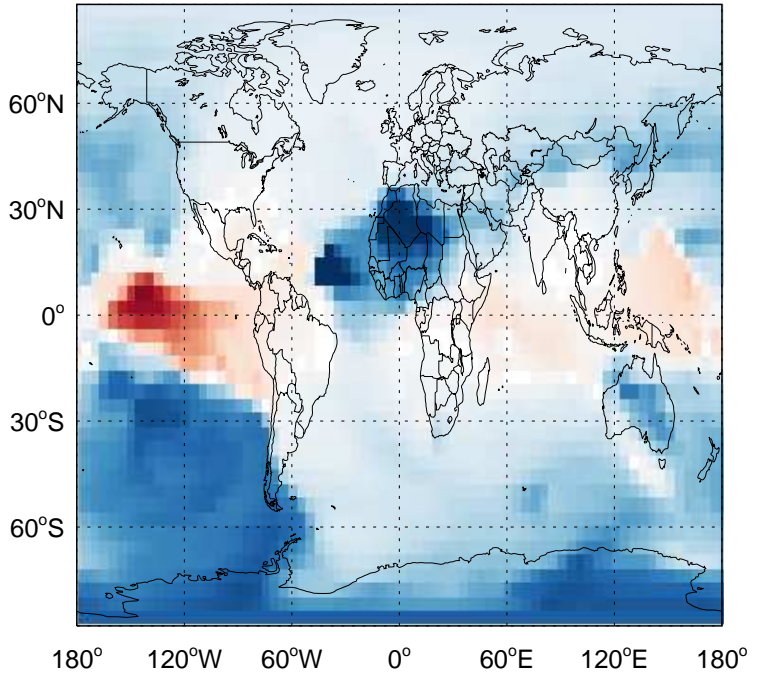
v11-02d / v11-02c

GLYC / Ratio @ Surface for Oct



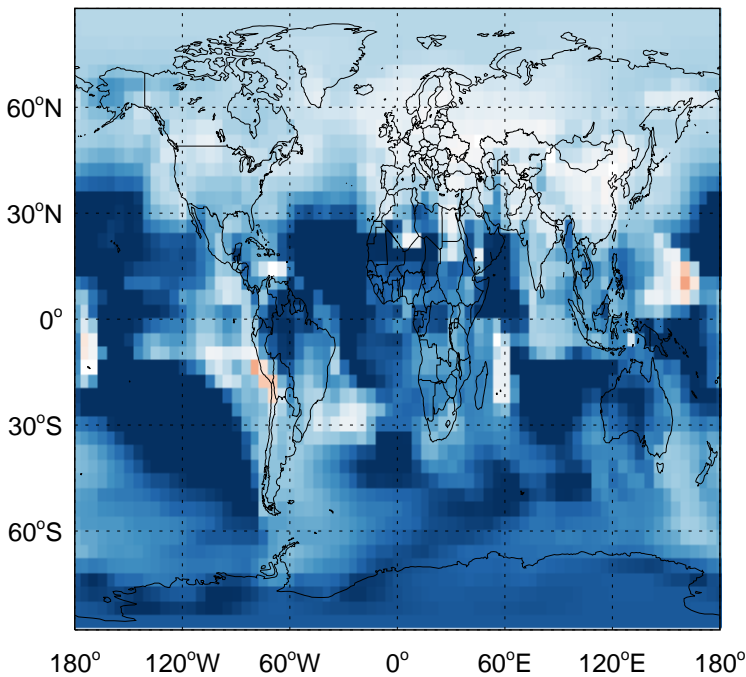
v11-02d / v11-02c

GLYC/ Ratio @ 500 hPa for Oct



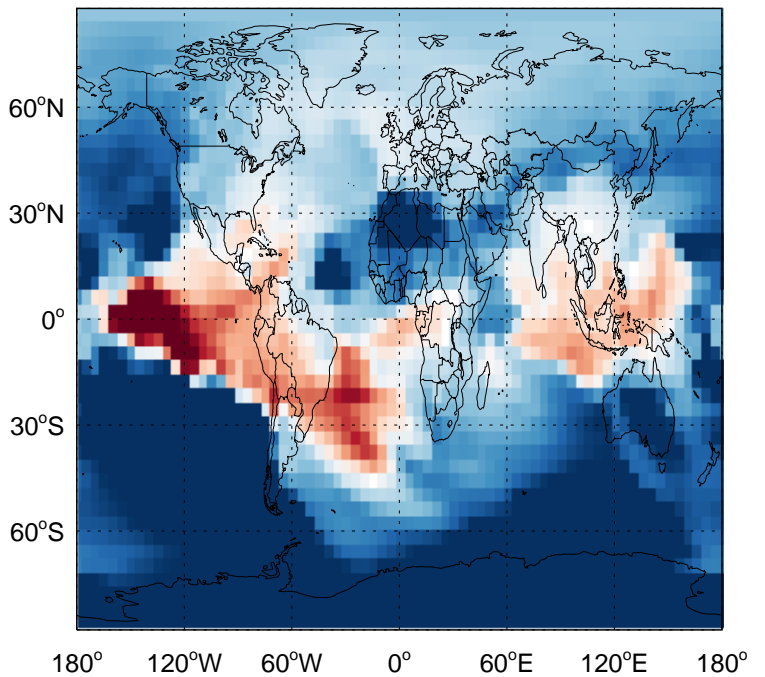
v11-02d / v11-02a

GLYC / Ratio @ Surface for Oct



v11-02d / v11-02a

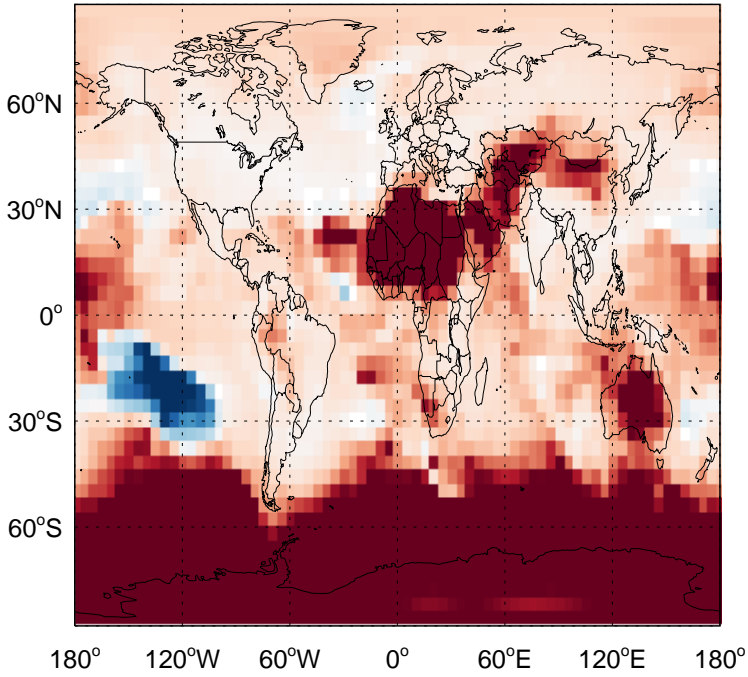
GLYC/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

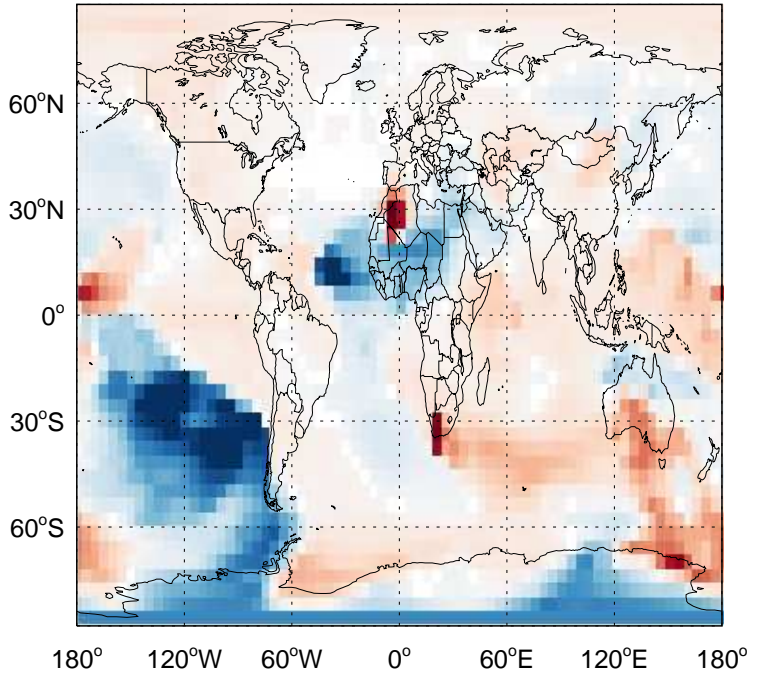
v11-02d / v11-02c

MVKN / Ratio @ Surface for Oct



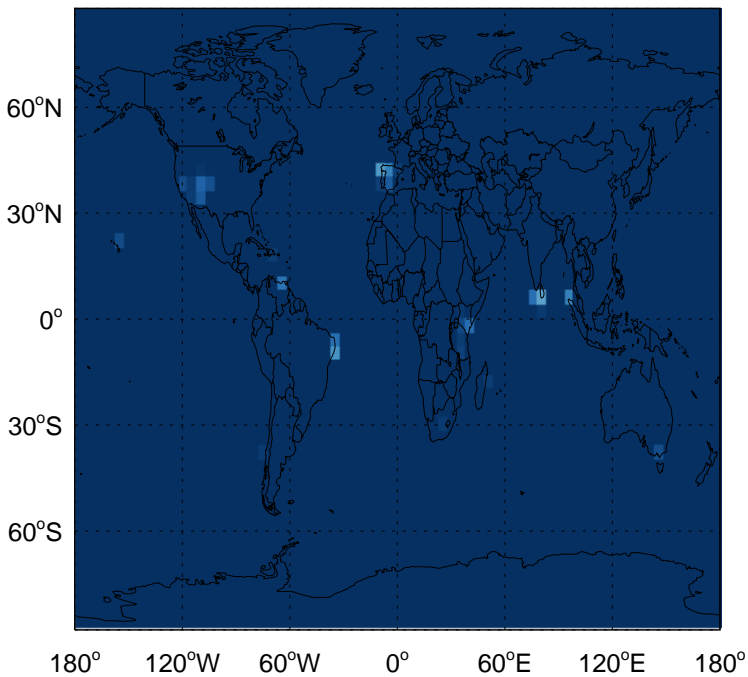
v11-02d / v11-02c

MVKN/ Ratio @ 500 hPa for Oct



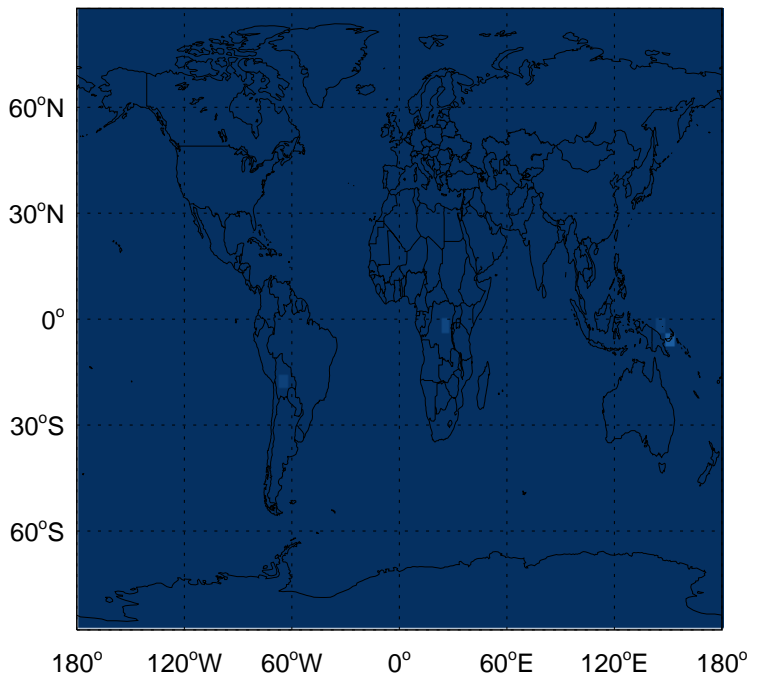
v11-02d / v11-02a

MVKN / Ratio @ Surface for Oct



v11-02d / v11-02a

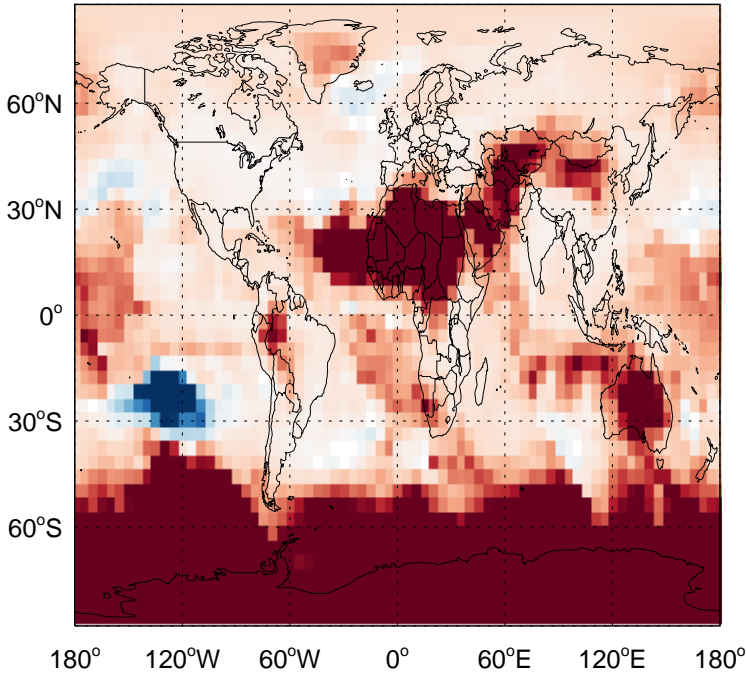
MVKN/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

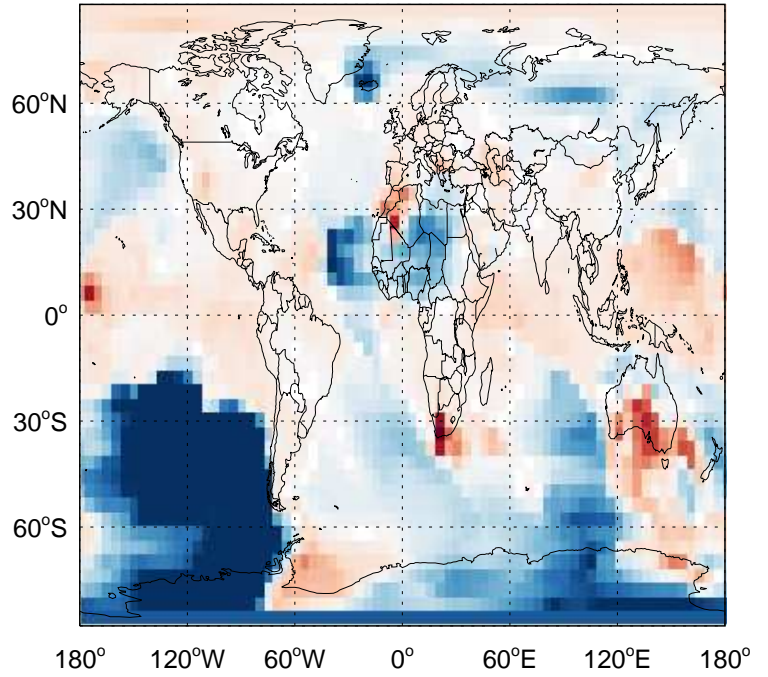
v11-02d / v11-02c

MACRN / Ratio @ Surface for Oct



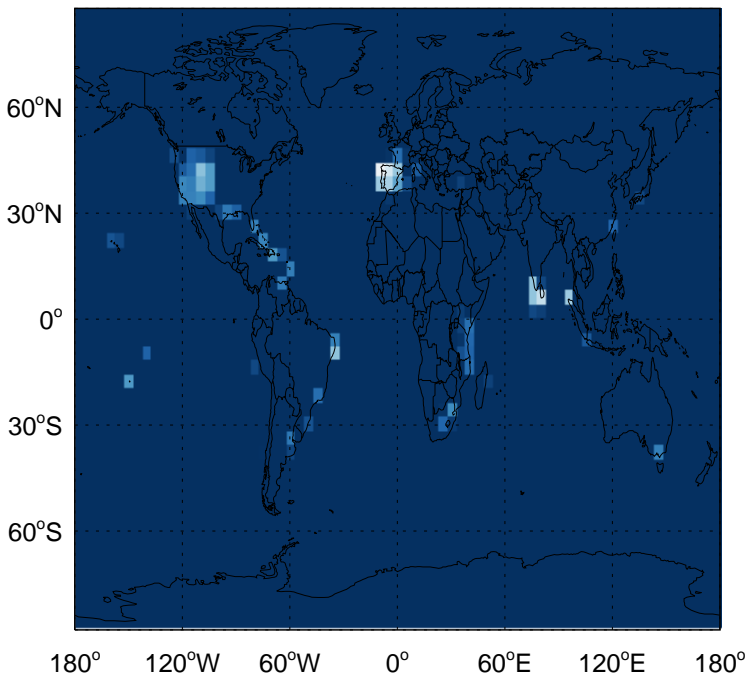
v11-02d / v11-02c

MACRN/ Ratio @ 500 hPa for Oct



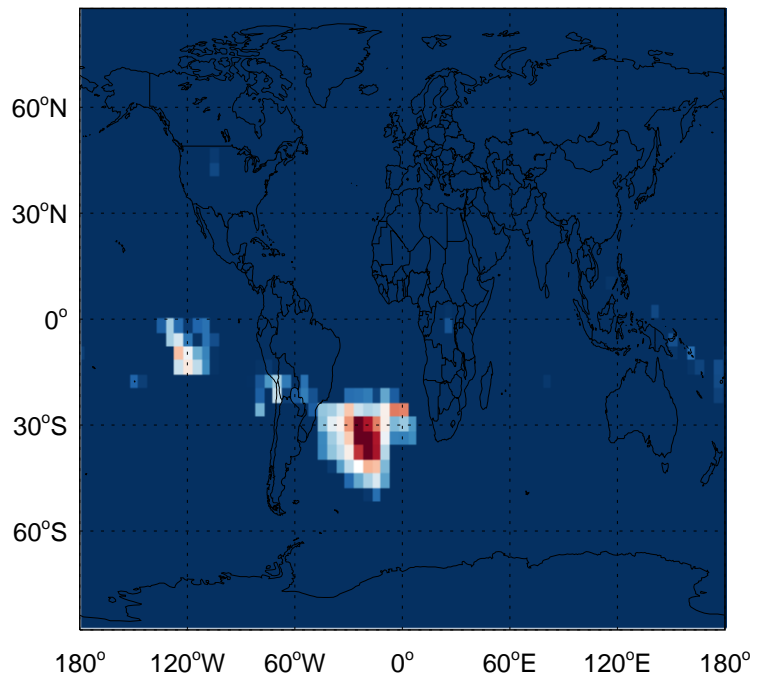
v11-02d / v11-02a

MACRN / Ratio @ Surface for Oct



v11-02d / v11-02a

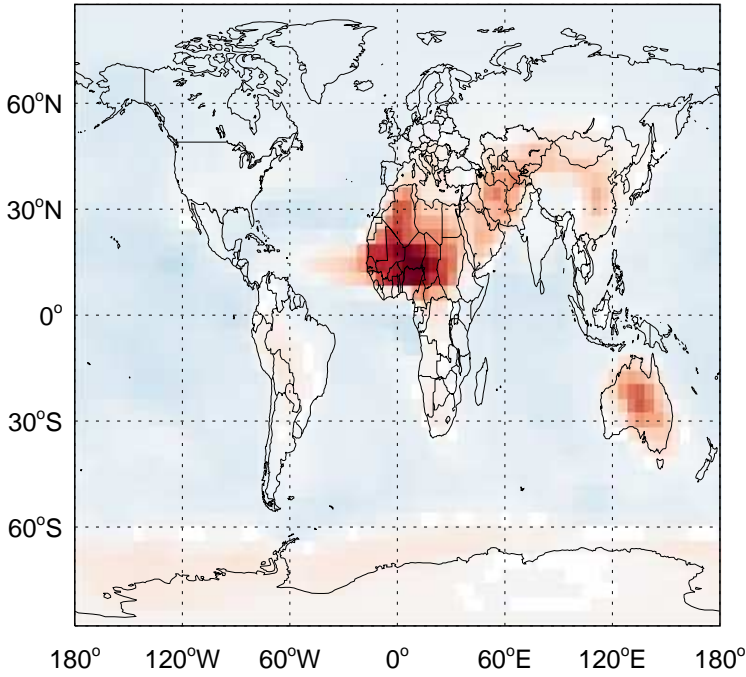
MACRN/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

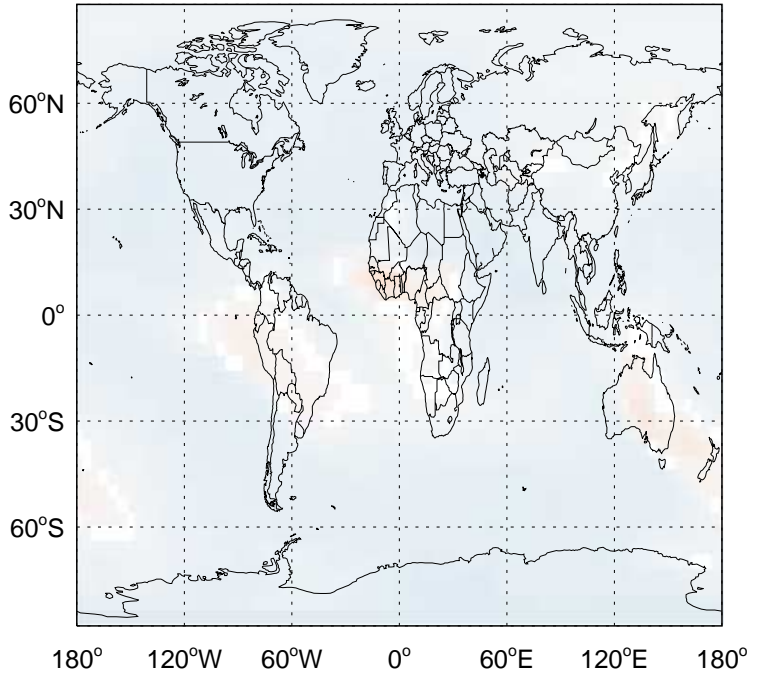
v11-02d / v11-02c

MAP / Ratio @ Surface for Oct



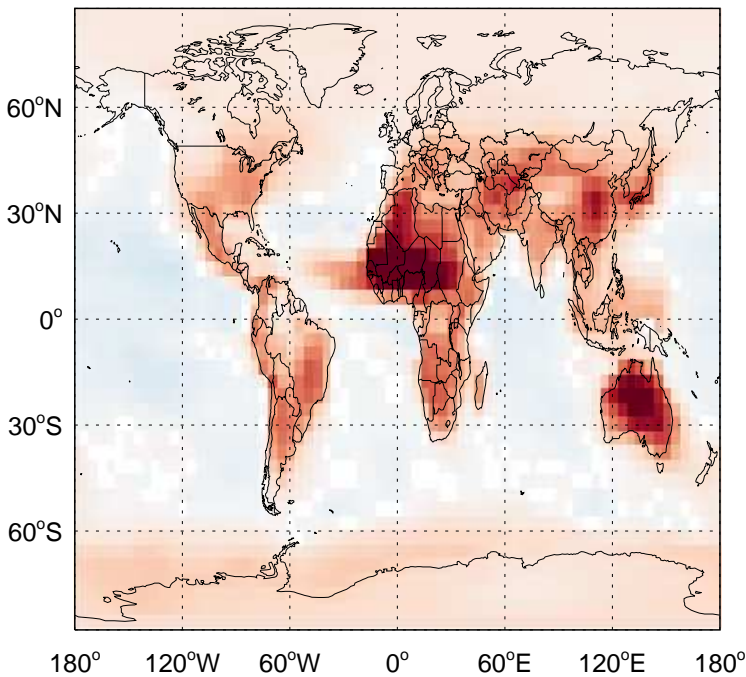
v11-02d / v11-02c

MAP/ Ratio @ 500 hPa for Oct



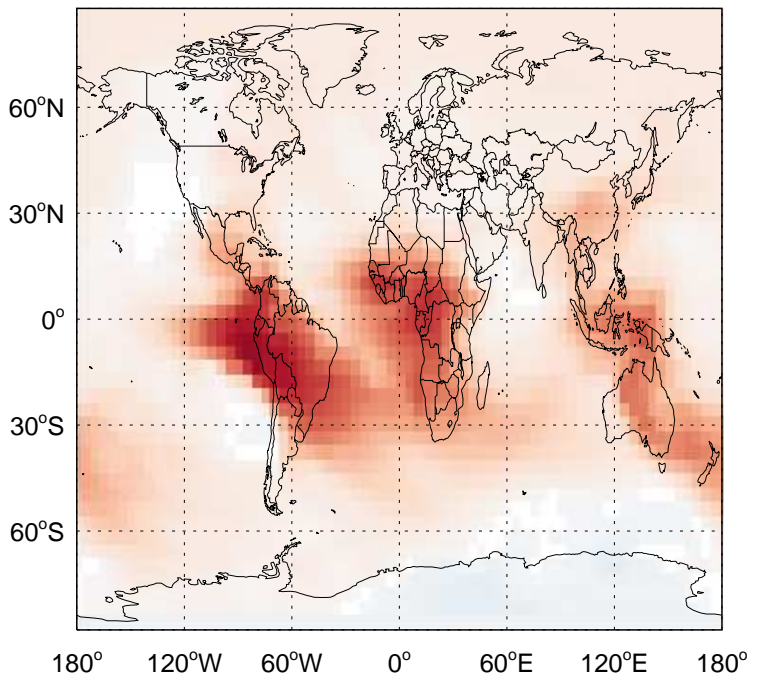
v11-02d / v11-02a

MAP / Ratio @ Surface for Oct



v11-02d / v11-02a

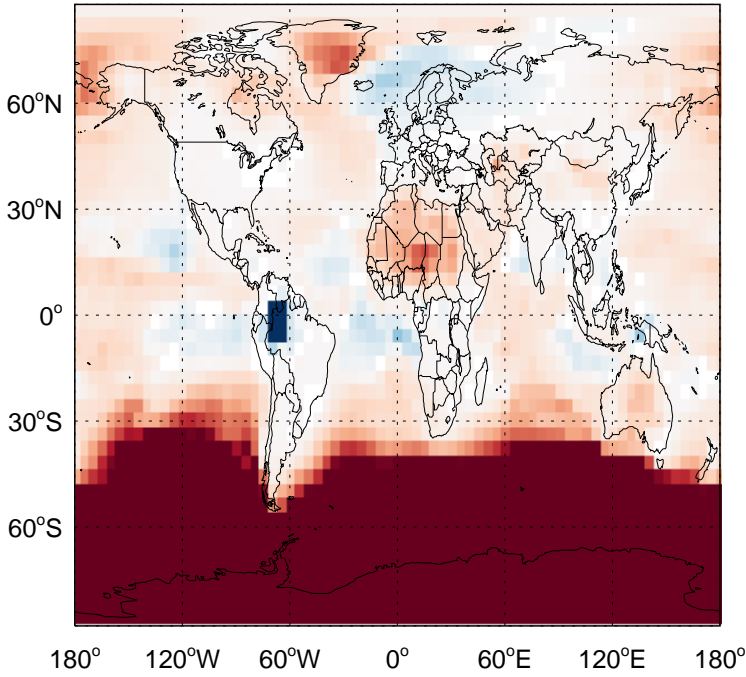
MAP/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

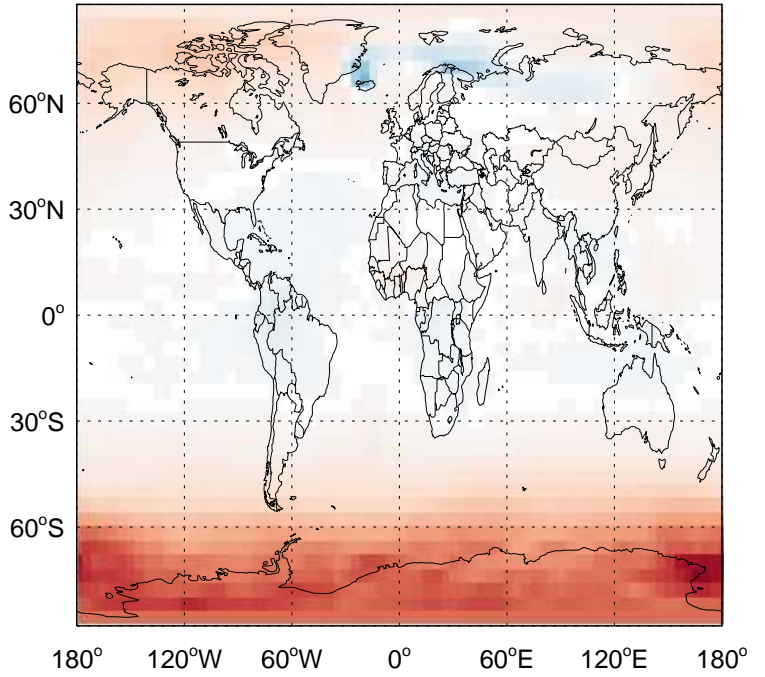
v11-02d / v11-02c

NO<sub>2</sub> / Ratio @ Surface for Oct



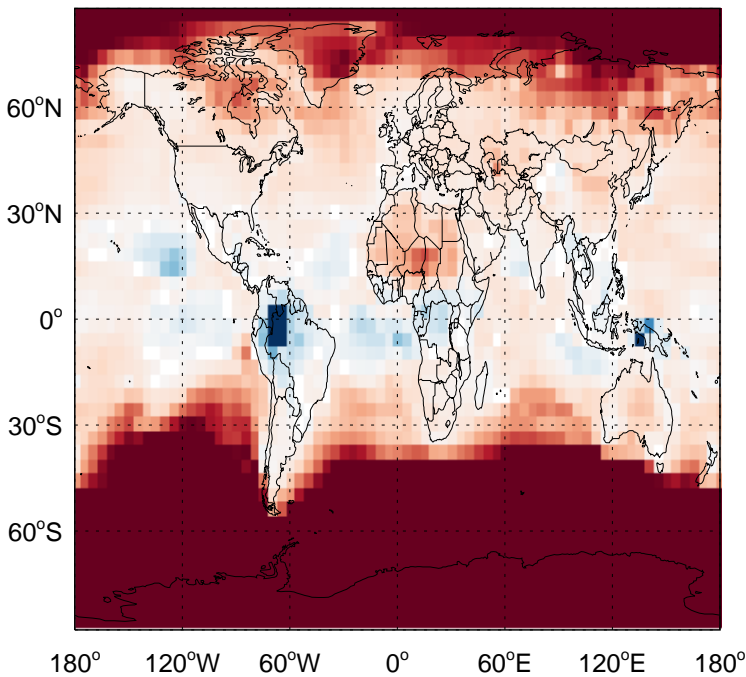
v11-02d / v11-02c

NO<sub>2</sub> / Ratio @ 500 hPa for Oct



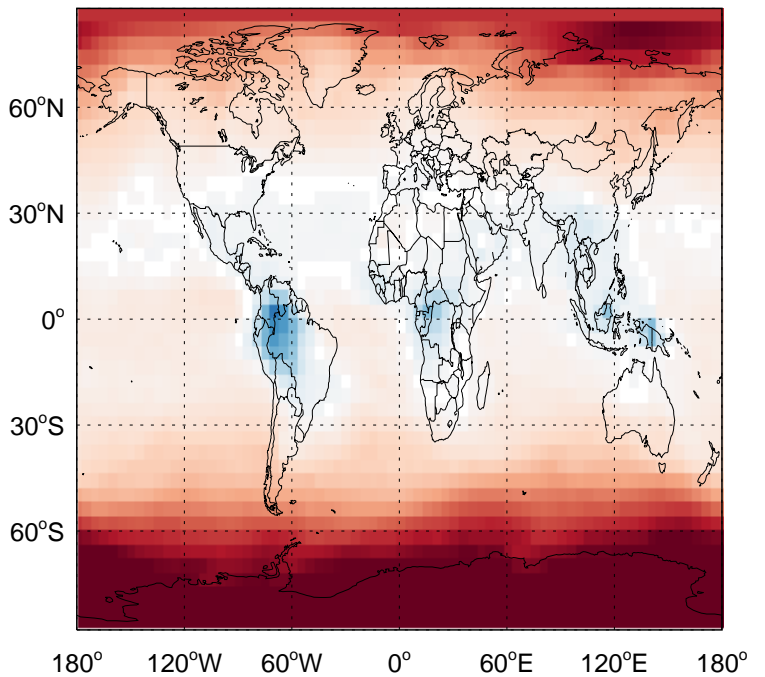
v11-02d / v11-02a

NO<sub>2</sub> / Ratio @ Surface for Oct



v11-02d / v11-02a

NO<sub>2</sub> / Ratio @ 500 hPa for Oct

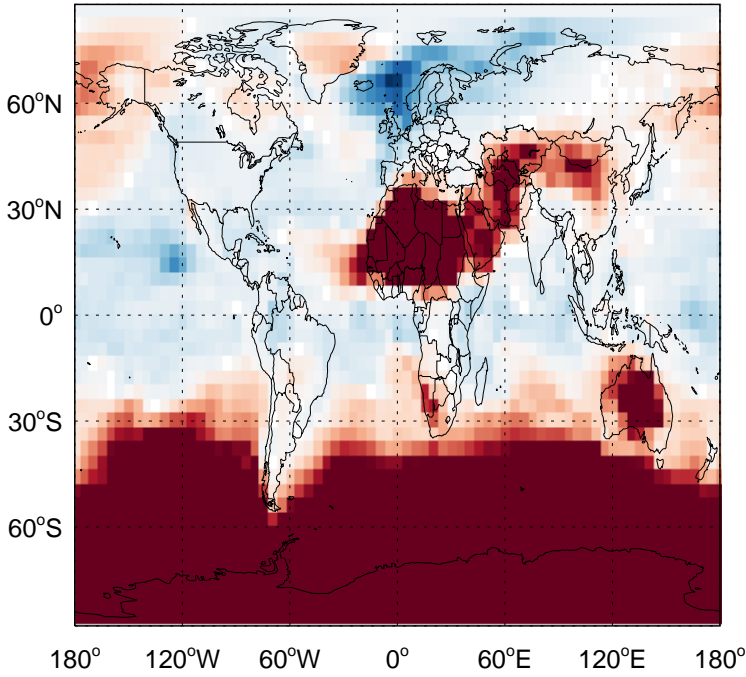




# GEOS-Chem Ratio Maps at surface and 500 hPa

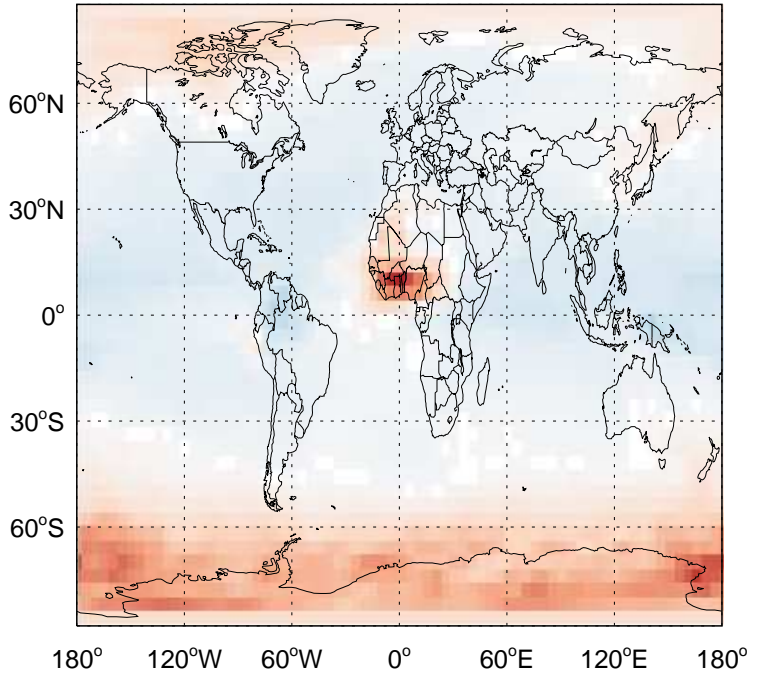
v11-02d / v11-02c

NO<sub>3</sub> / Ratio @ Surface for Oct



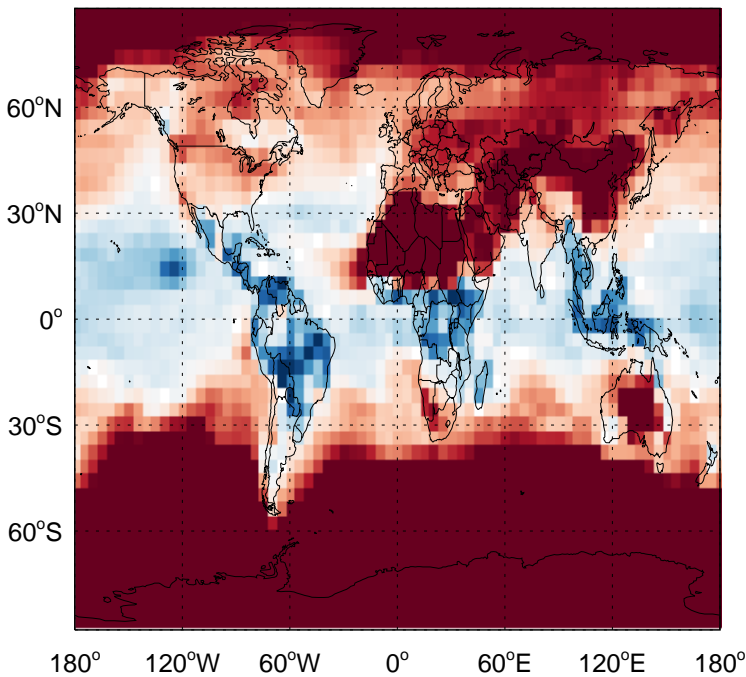
v11-02d / v11-02c

NO<sub>3</sub> / Ratio @ 500 hPa for Oct



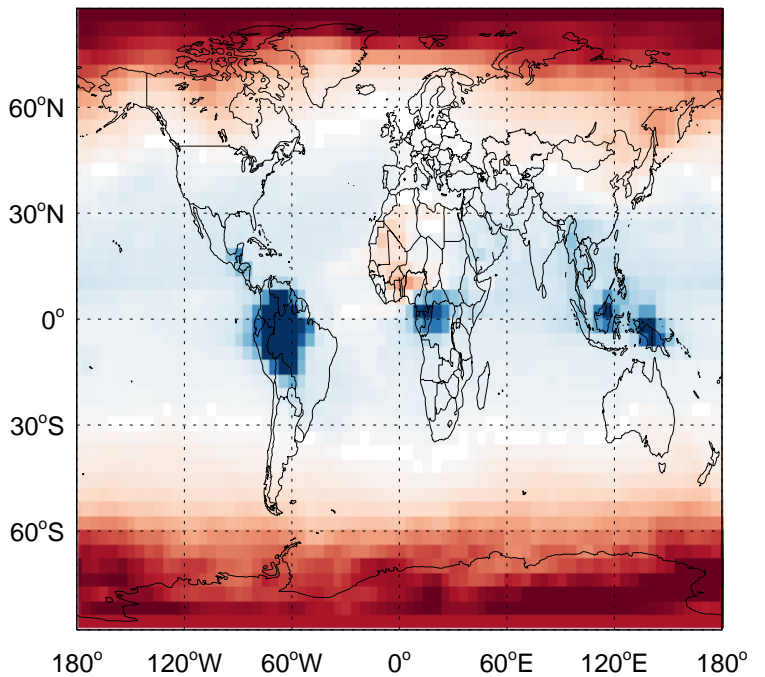
v11-02d / v11-02a

NO<sub>3</sub> / Ratio @ Surface for Oct



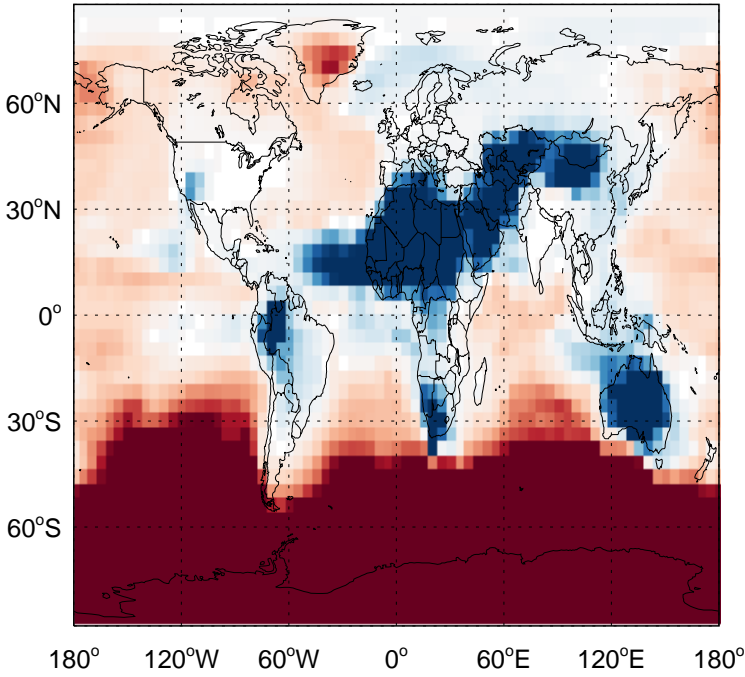
v11-02d / v11-02a

NO<sub>3</sub> / Ratio @ 500 hPa for Oct

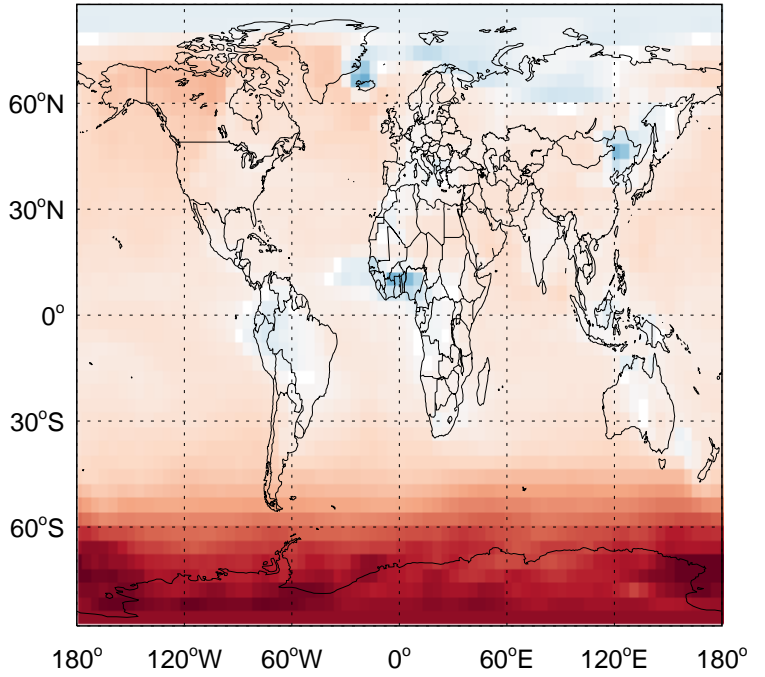


# GEOS-Chem Ratio Maps at surface and 500 hPa

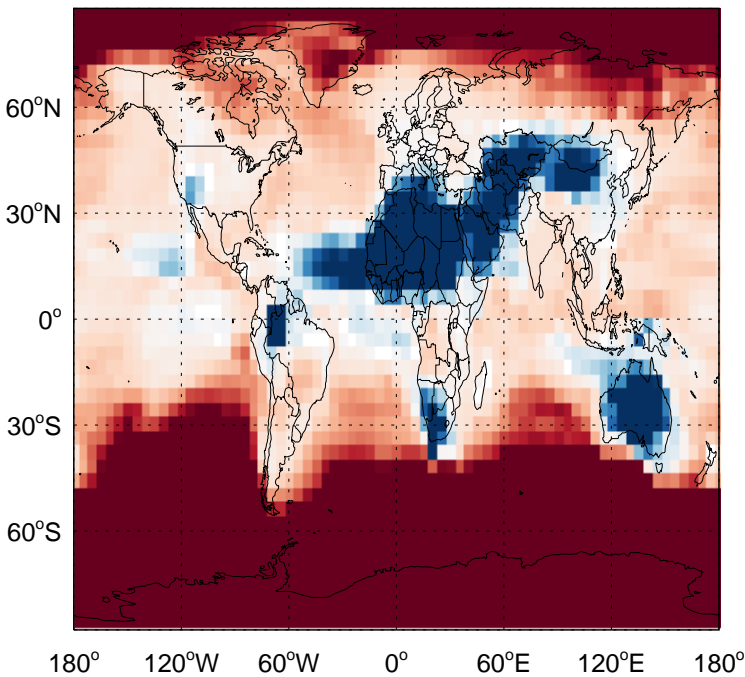
v11-02d / v11-02c  
HNO<sub>2</sub> / Ratio @ Surface for Oct



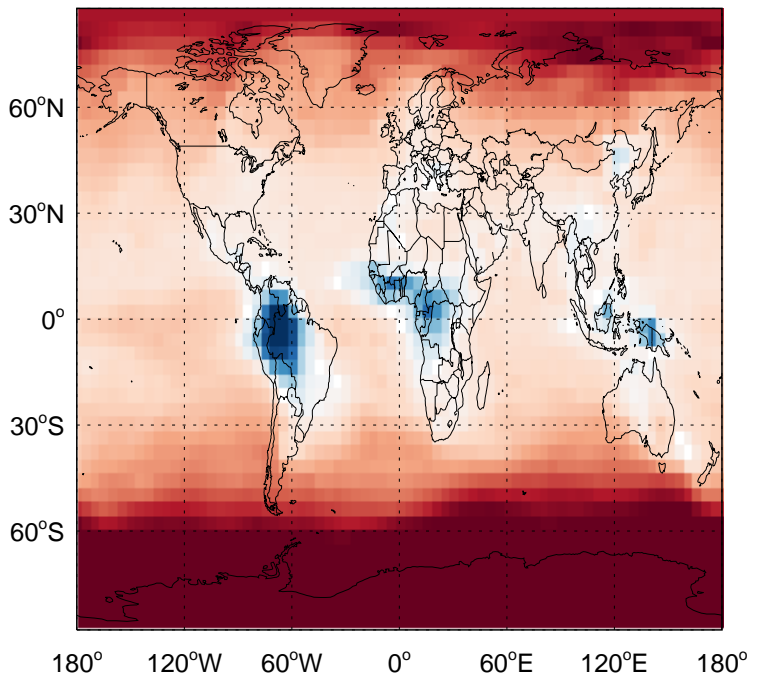
v11-02d / v11-02c  
HNO<sub>2</sub> / Ratio @ 500 hPa for Oct



v11-02d / v11-02a  
HNO<sub>2</sub> / Ratio @ Surface for Oct



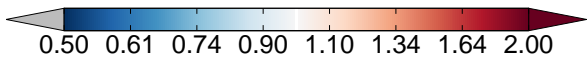
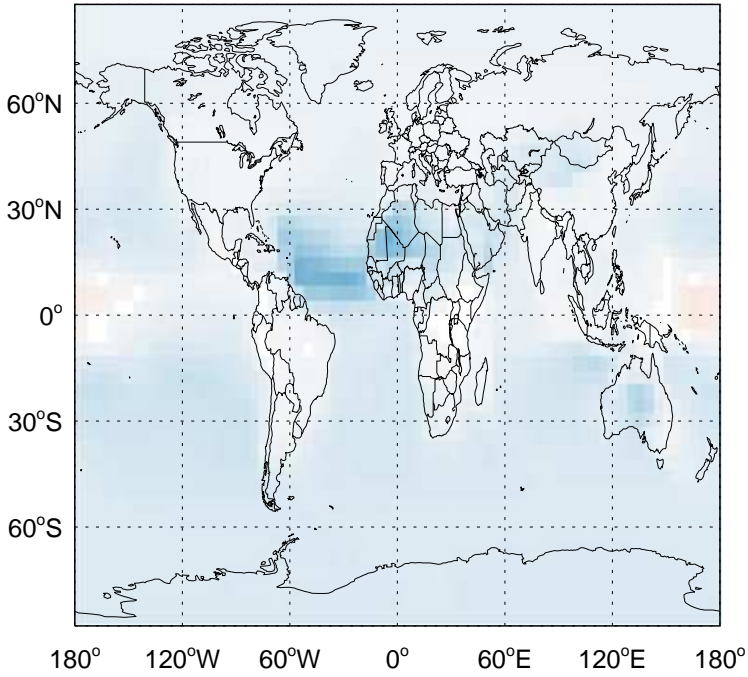
v11-02d / v11-02a  
HNO<sub>2</sub> / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

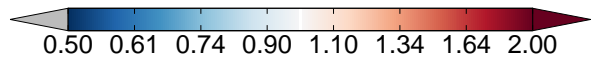
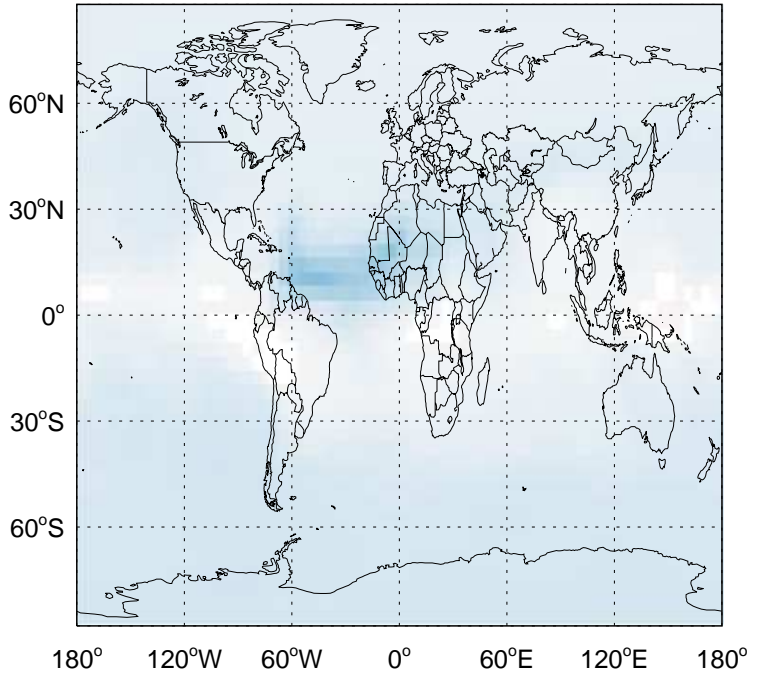
v11-02d / v11-02c

BENZ / Ratio @ Surface for Oct



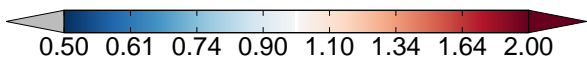
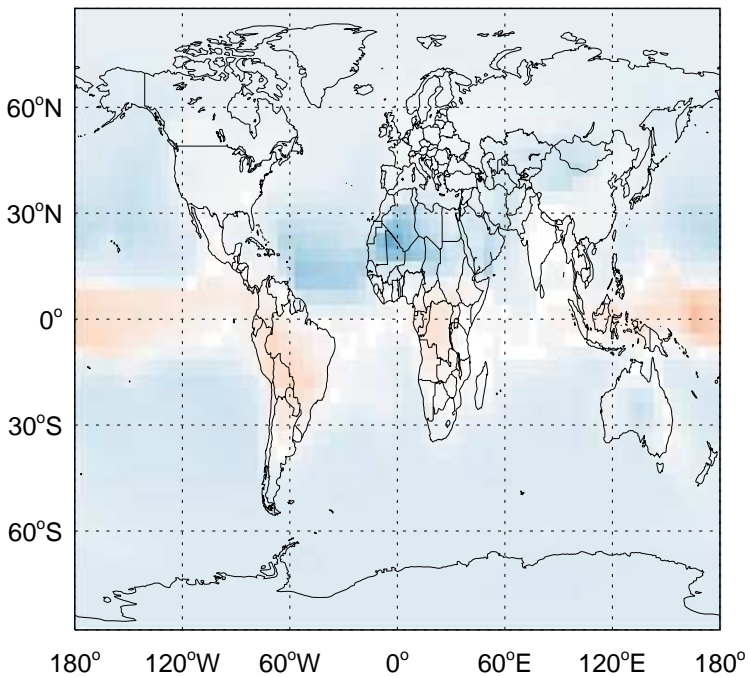
v11-02d / v11-02c

BENZ/ Ratio @ 500 hPa for Oct



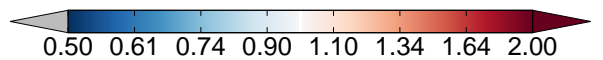
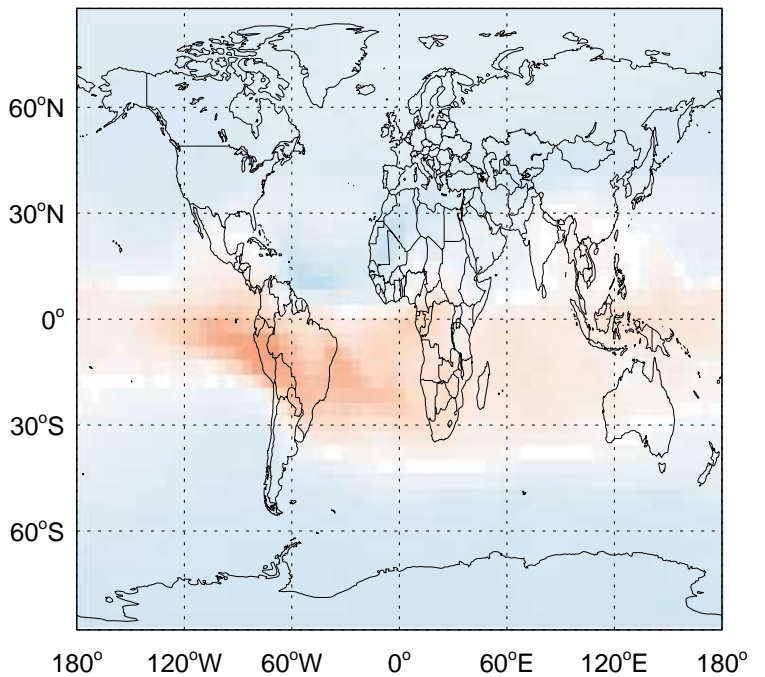
v11-02d / v11-02a

BENZ / Ratio @ Surface for Oct



v11-02d / v11-02a

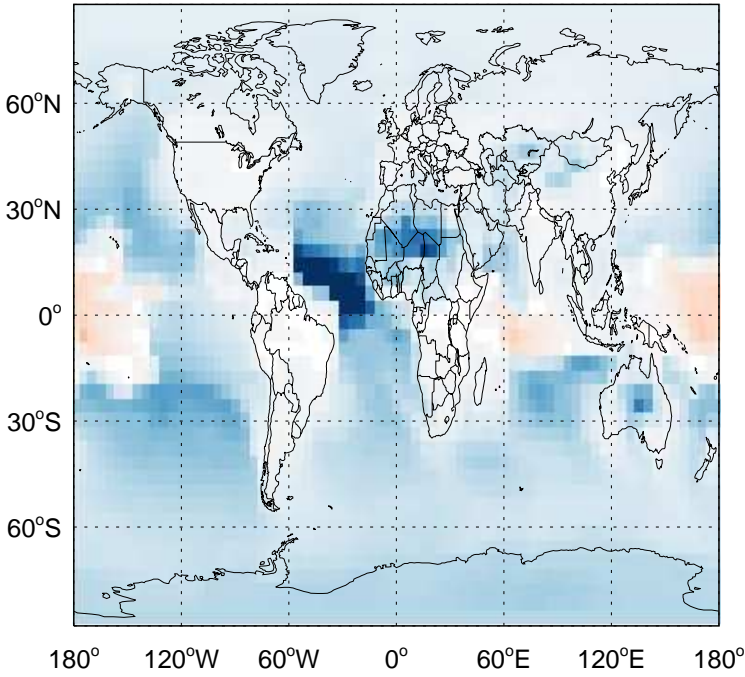
BENZ/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

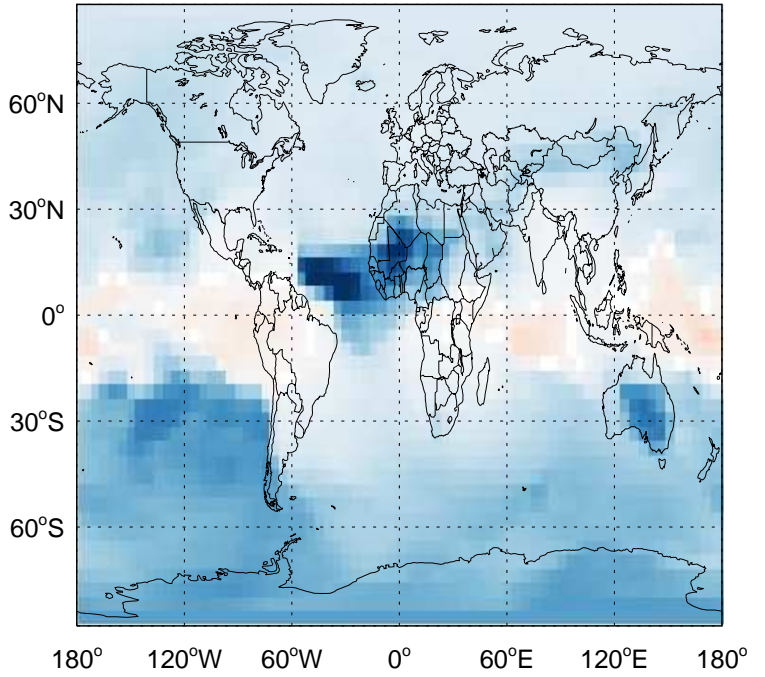
v11-02d / v11-02c

TOLU / Ratio @ Surface for Oct



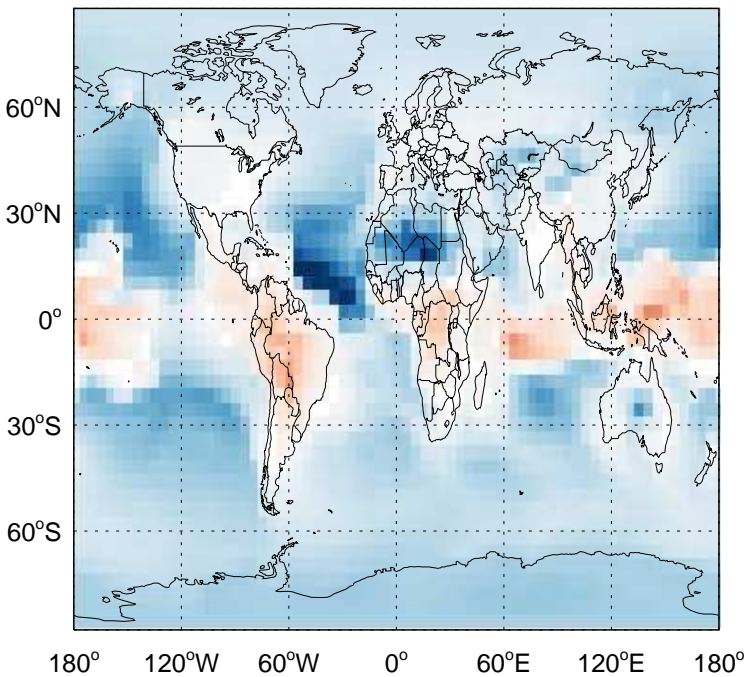
v11-02d / v11-02c

TOLU/ Ratio @ 500 hPa for Oct



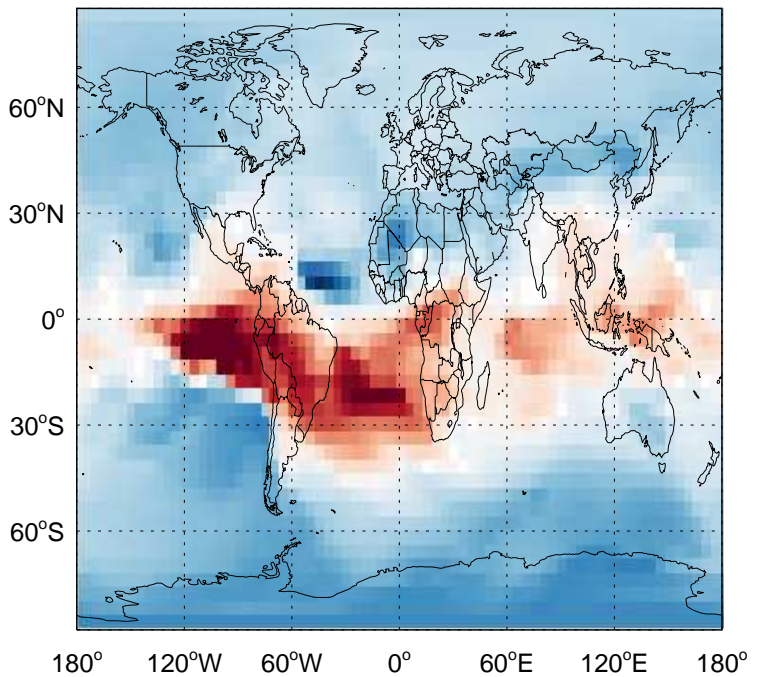
v11-02d / v11-02a

TOLU / Ratio @ Surface for Oct



v11-02d / v11-02a

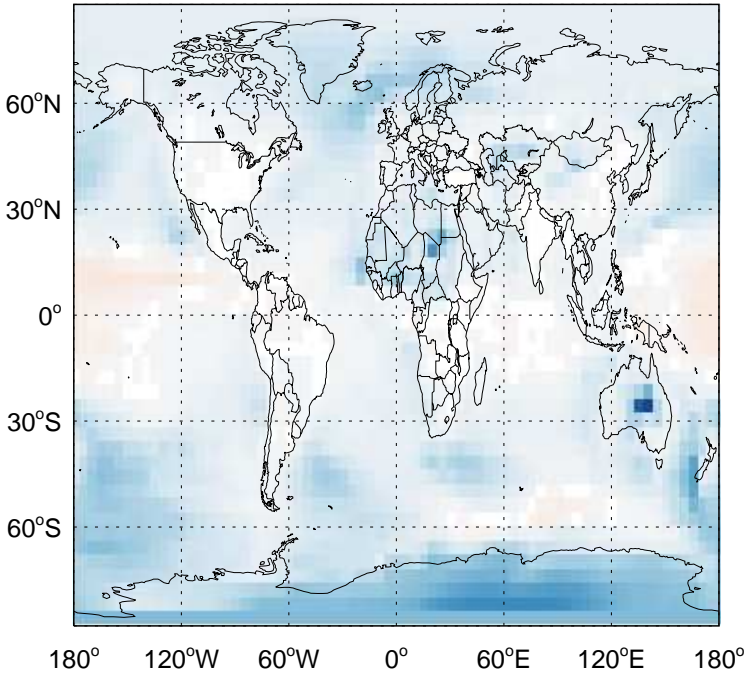
TOLU/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

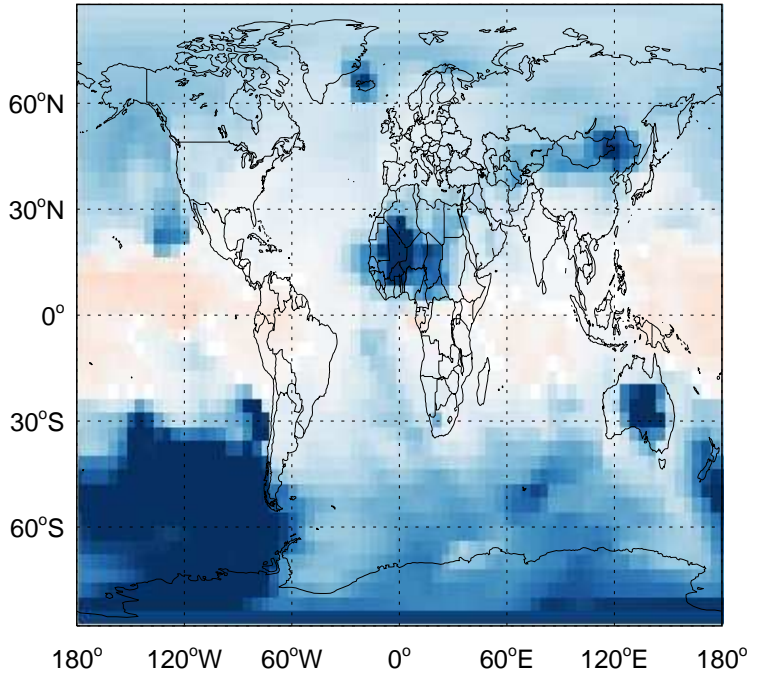
v11-02d / v11-02c

XYLE / Ratio @ Surface for Oct



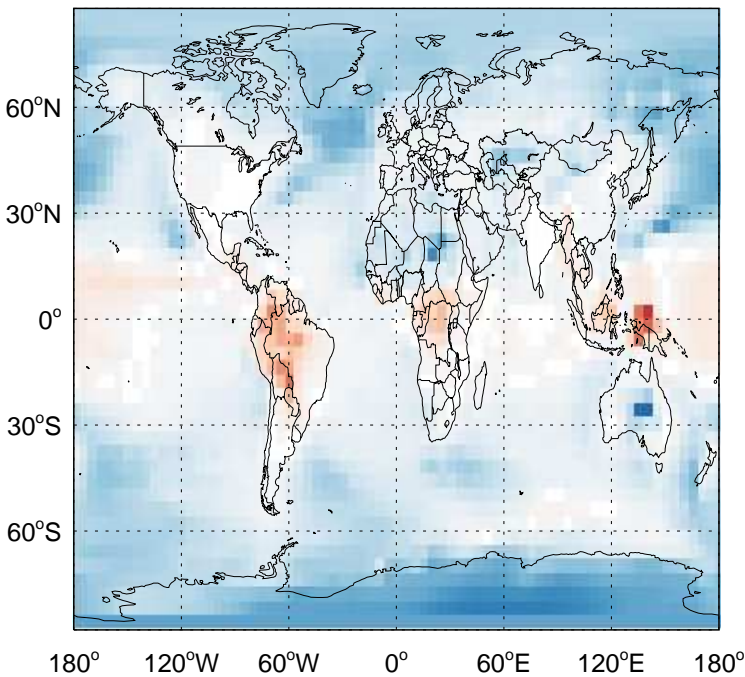
v11-02d / v11-02c

XYLE/ Ratio @ 500 hPa for Oct



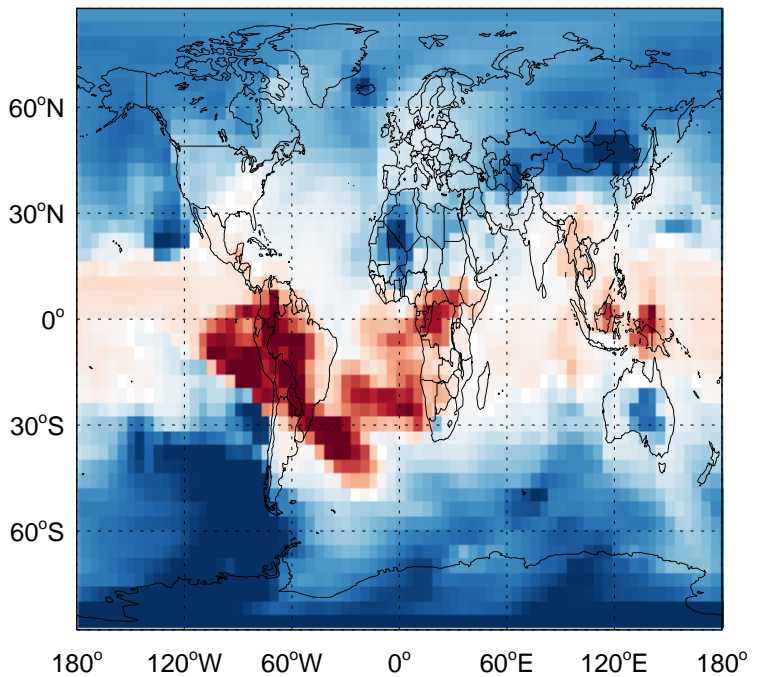
v11-02d / v11-02a

XYLE / Ratio @ Surface for Oct



v11-02d / v11-02a

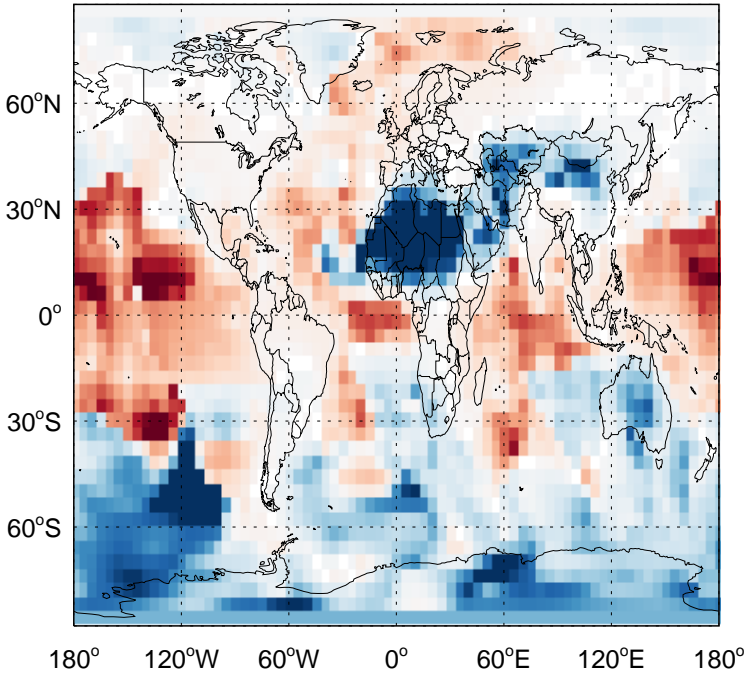
XYLE/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

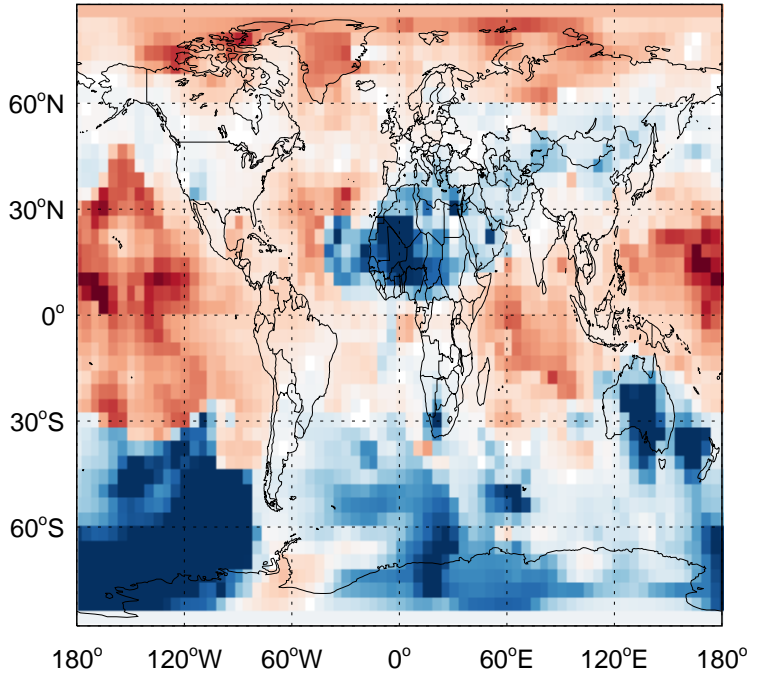
v11-02d / v11-02c

MTPA / Ratio @ Surface for Oct



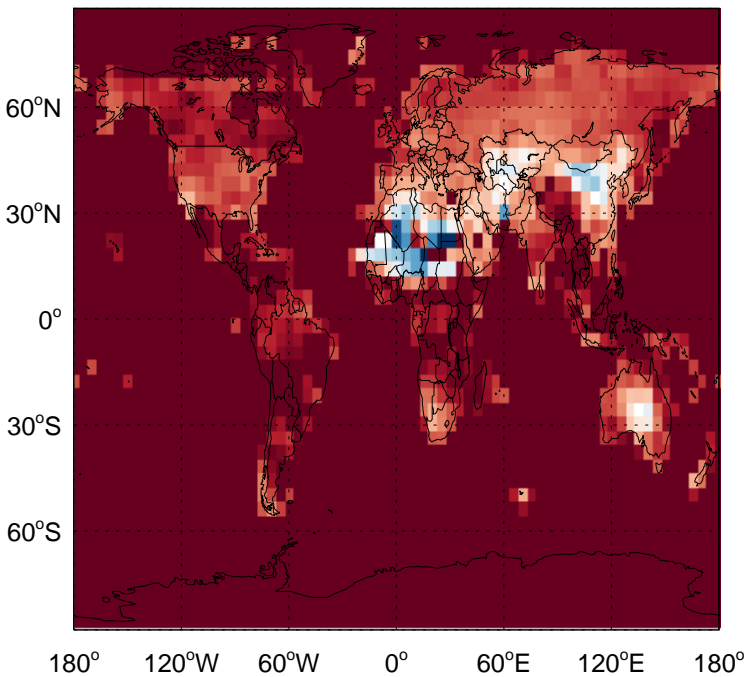
v11-02d / v11-02c

MTPA/ Ratio @ 500 hPa for Oct



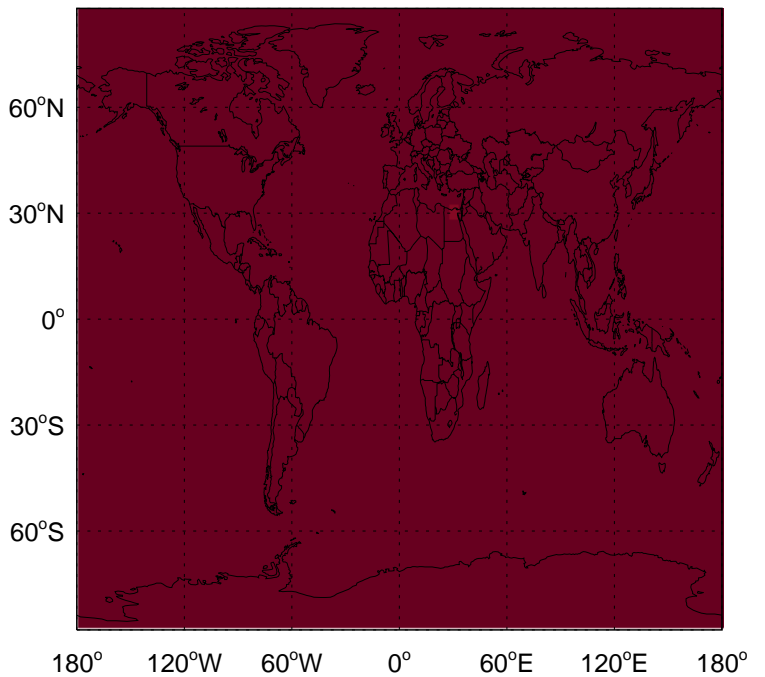
v11-02d / v11-02a

MTPA / Ratio @ Surface for Oct



v11-02d / v11-02a

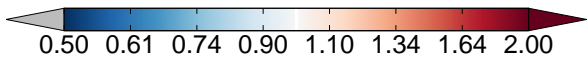
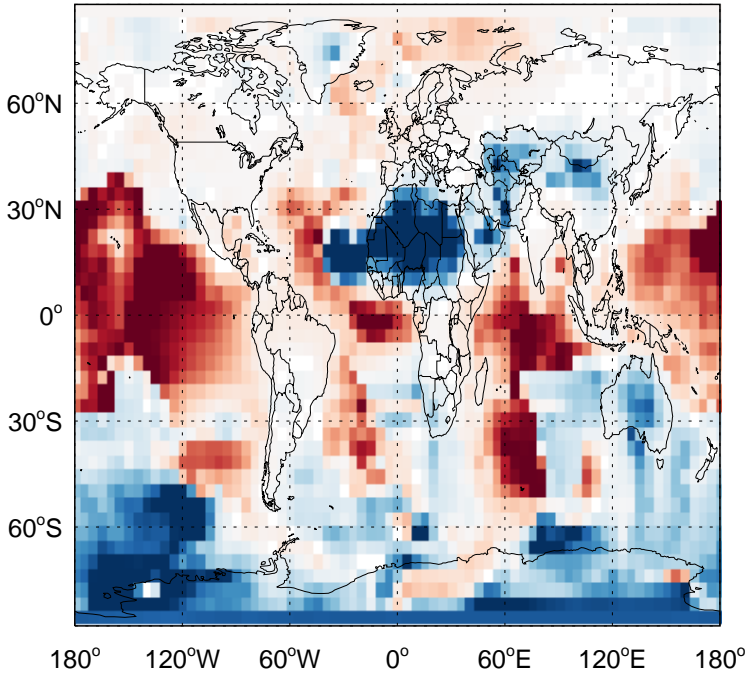
MTPA/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

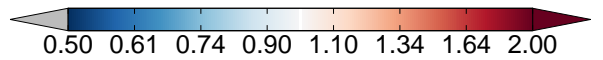
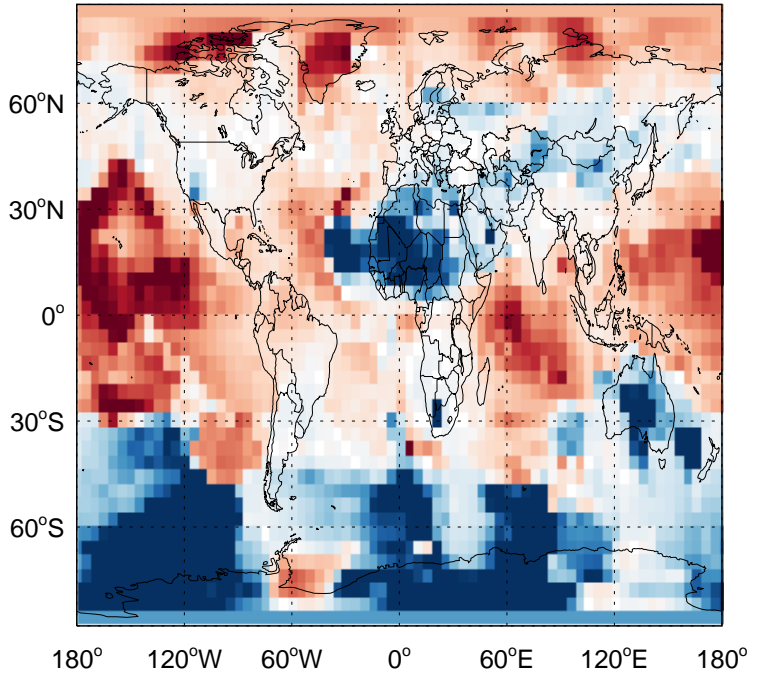
v11-02d / v11-02c

LIMO / Ratio @ Surface for Oct



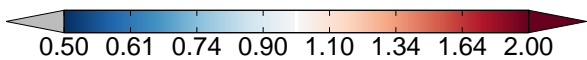
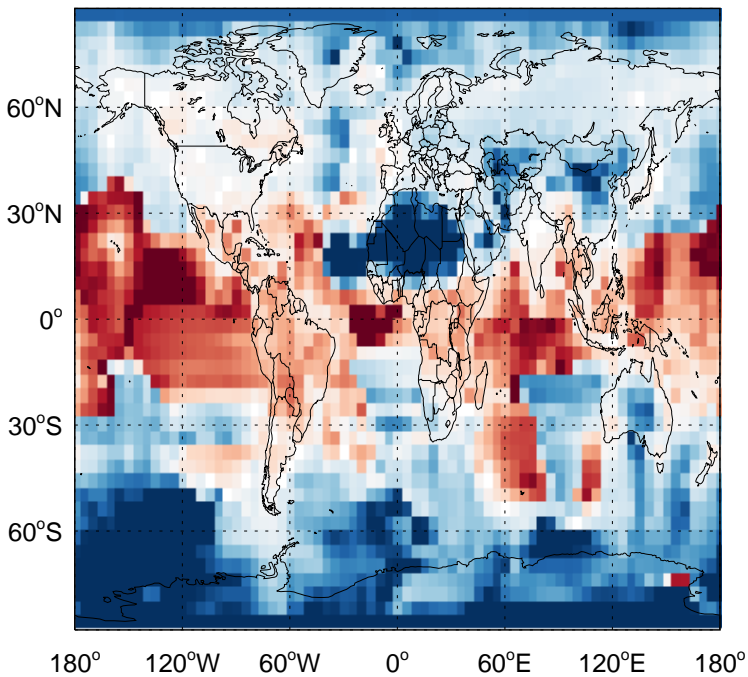
v11-02d / v11-02c

LIMO/ Ratio @ 500 hPa for Oct



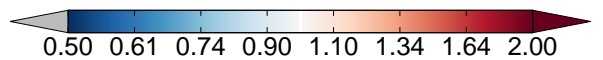
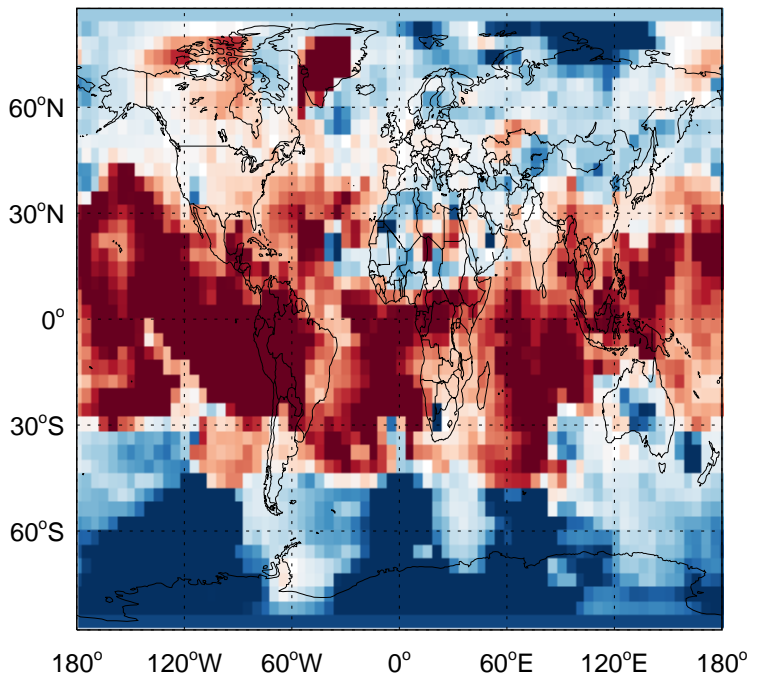
v11-02d / v11-02a

LIMO / Ratio @ Surface for Oct



v11-02d / v11-02a

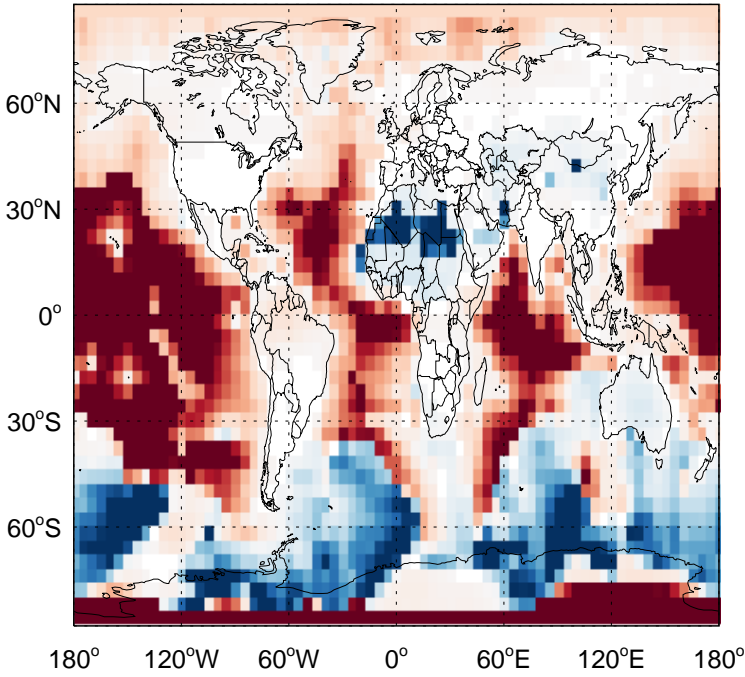
LIMO/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

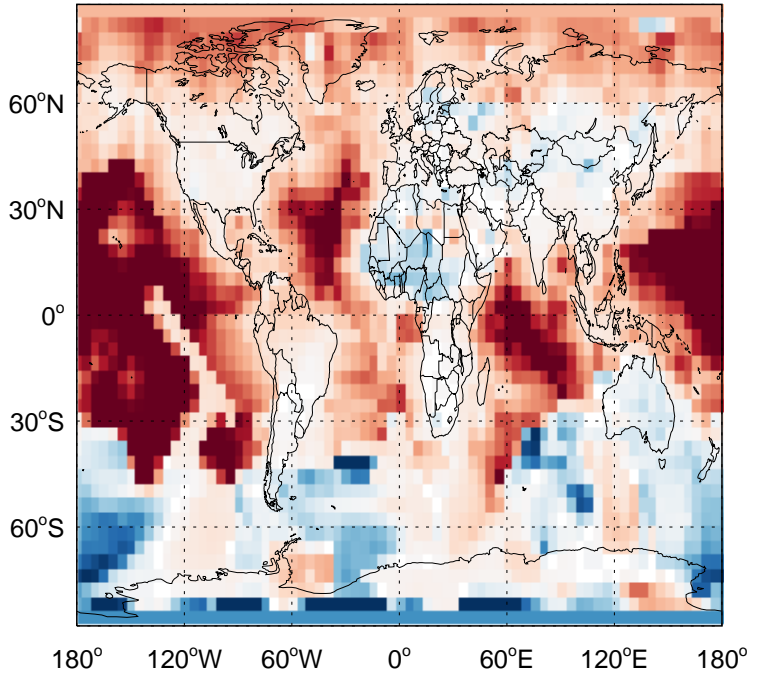
v11-02d / v11-02c

MTPO / Ratio @ Surface for Oct



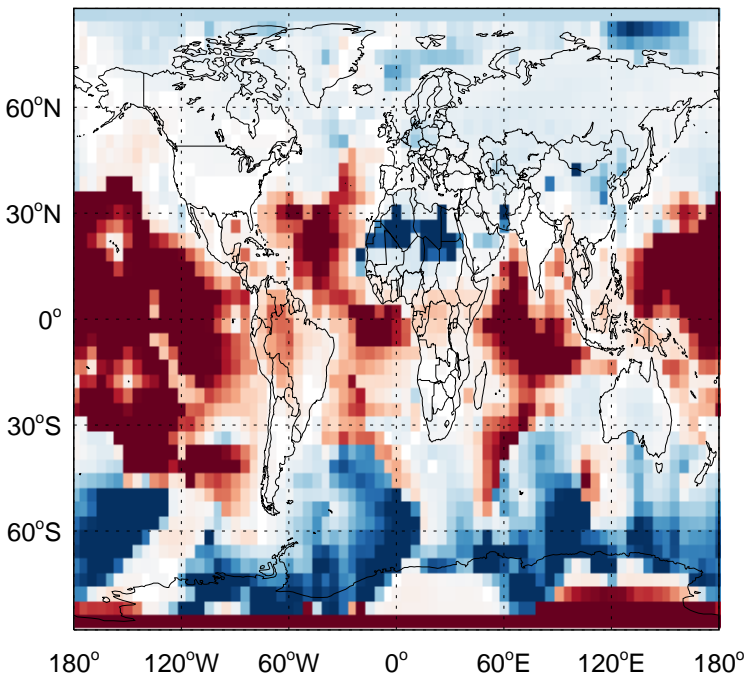
v11-02d / v11-02c

MTPO/ Ratio @ 500 hPa for Oct



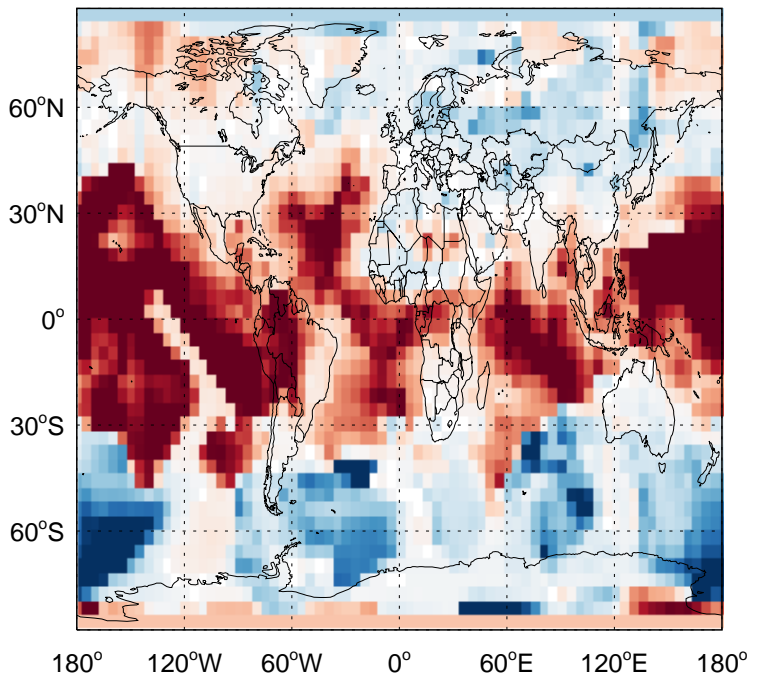
v11-02d / v11-02a

MTPO / Ratio @ Surface for Oct



v11-02d / v11-02a

MTPO/ Ratio @ 500 hPa for Oct

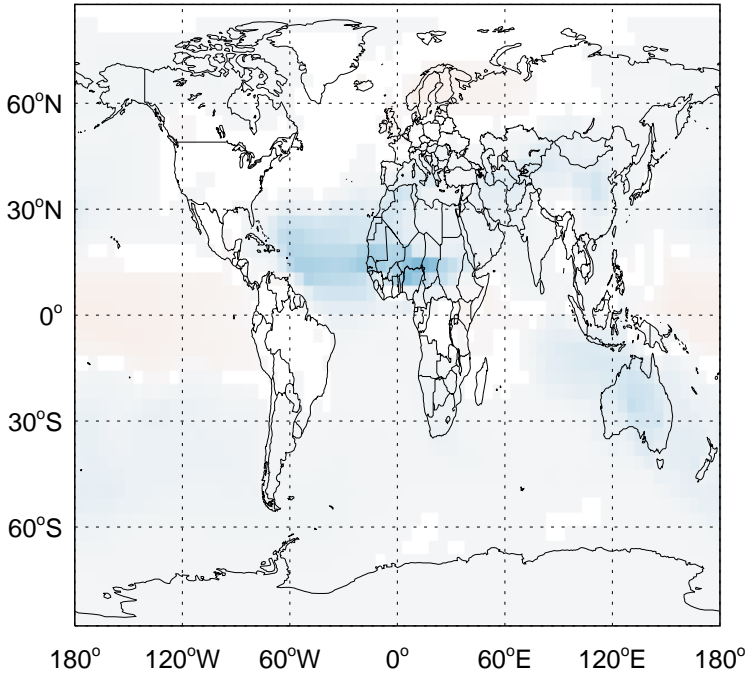




# GEOS-Chem Ratio Maps at surface and 500 hPa

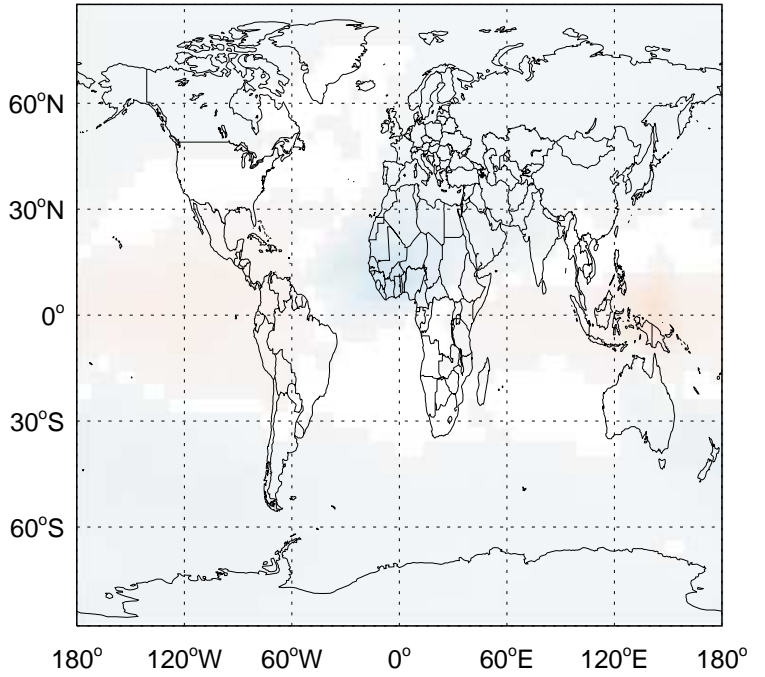
v11-02d / v11-02c

TSOG1 / Ratio @ Surface for Oct



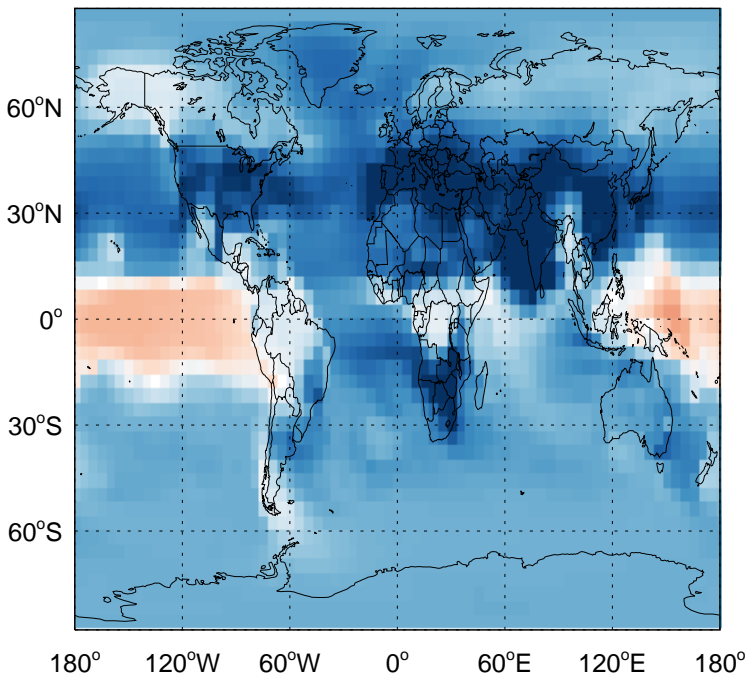
v11-02d / v11-02c

TSOG1/ Ratio @ 500 hPa for Oct



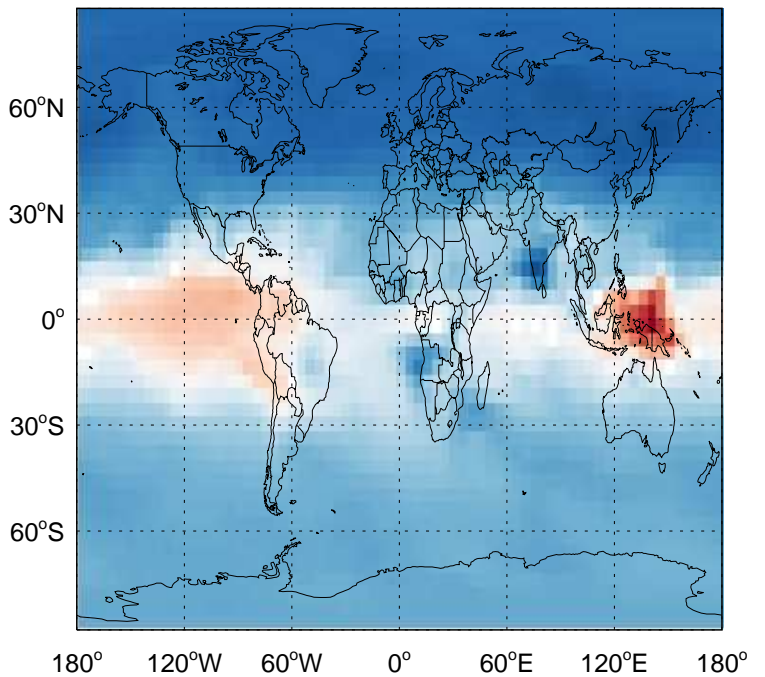
v11-02d / v11-02a

TSOG1 / Ratio @ Surface for Oct



v11-02d / v11-02a

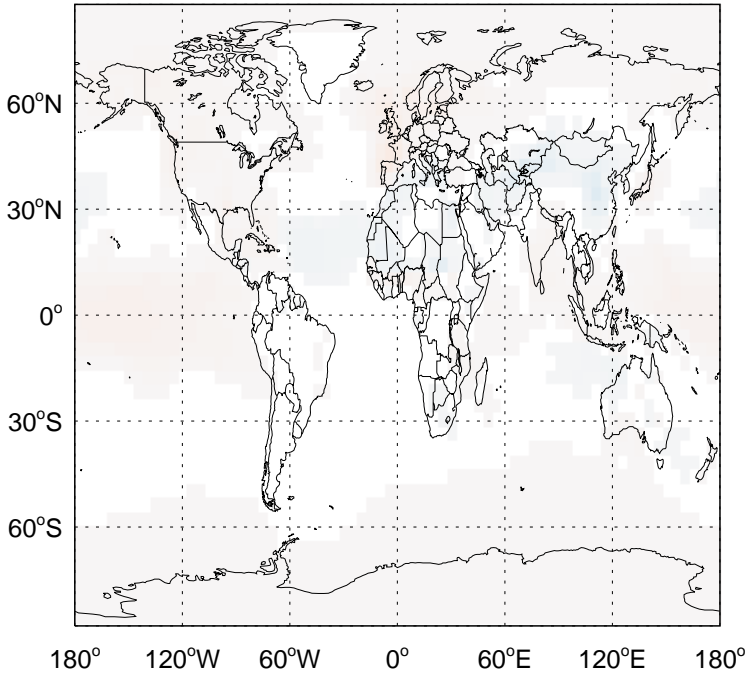
TSOG1/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

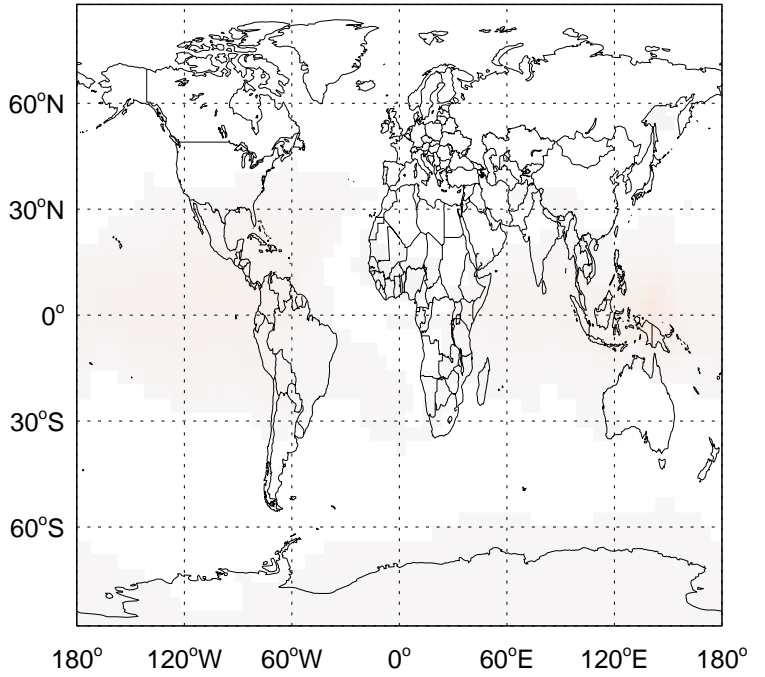
v11-02d / v11-02c

TSOG2 / Ratio @ Surface for Oct



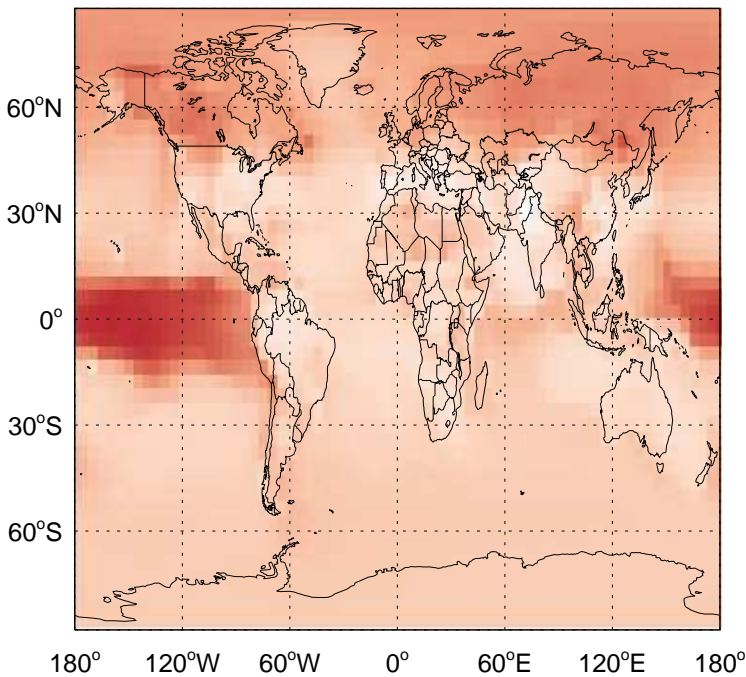
v11-02d / v11-02c

TSOG2/ Ratio @ 500 hPa for Oct



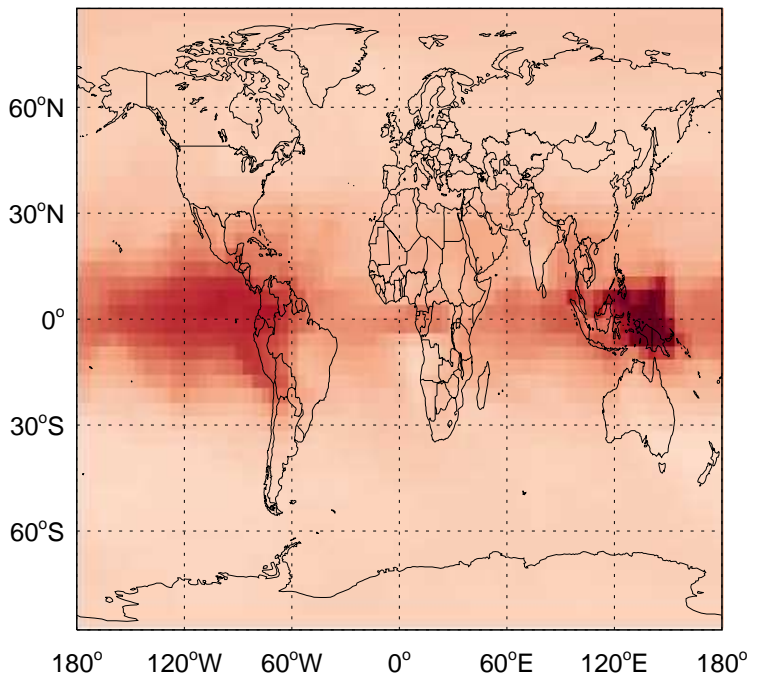
v11-02d / v11-02a

TSOG2 / Ratio @ Surface for Oct



v11-02d / v11-02a

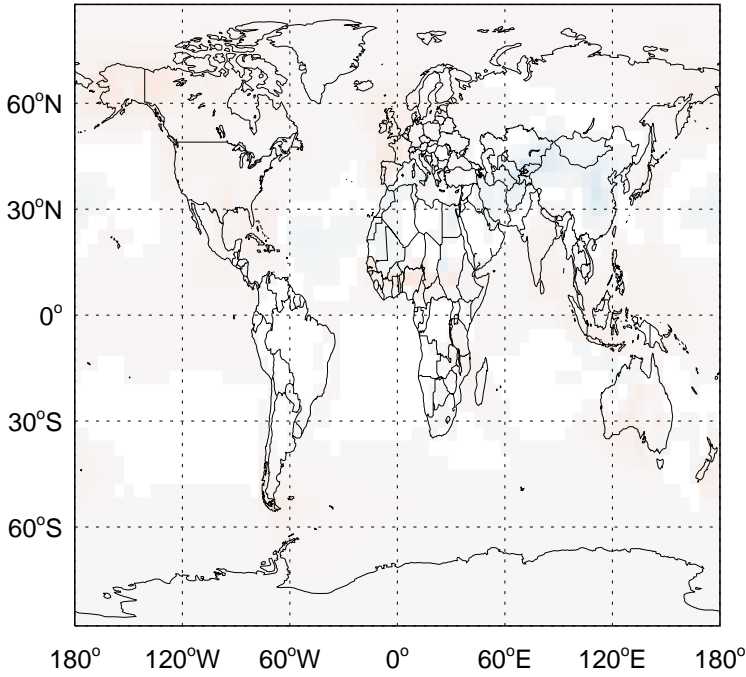
TSOG2/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

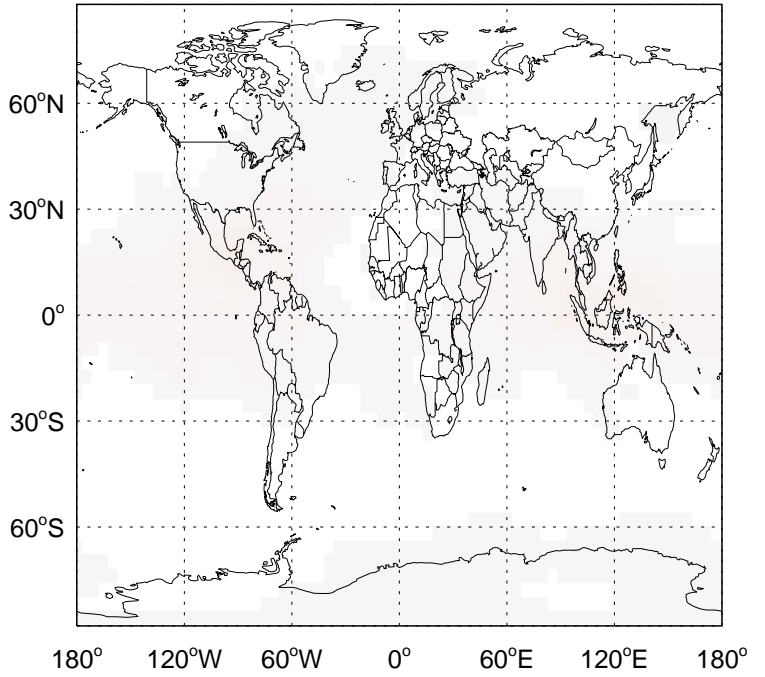
v11-02d / v11-02c

TSOG3 / Ratio @ Surface for Oct



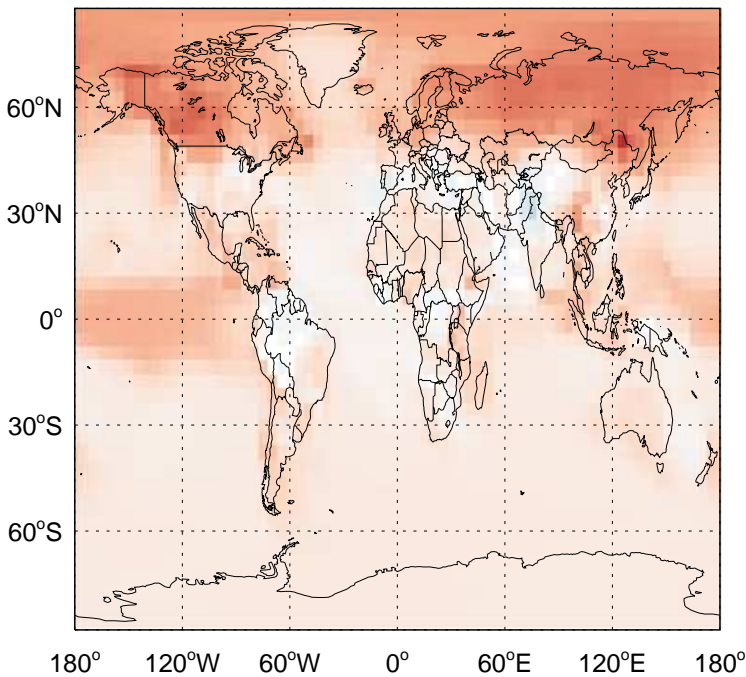
v11-02d / v11-02c

TSOG3/ Ratio @ 500 hPa for Oct



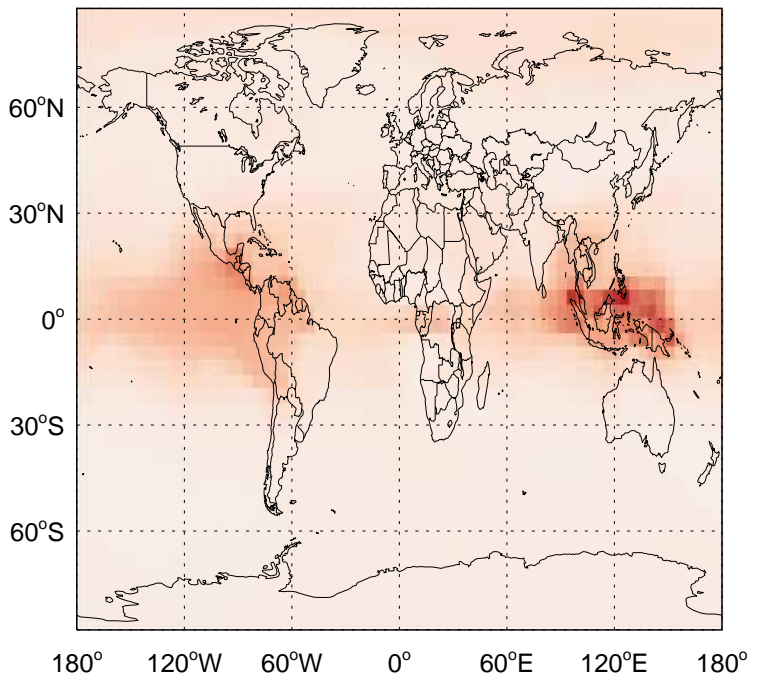
v11-02d / v11-02a

TSOG3 / Ratio @ Surface for Oct



v11-02d / v11-02a

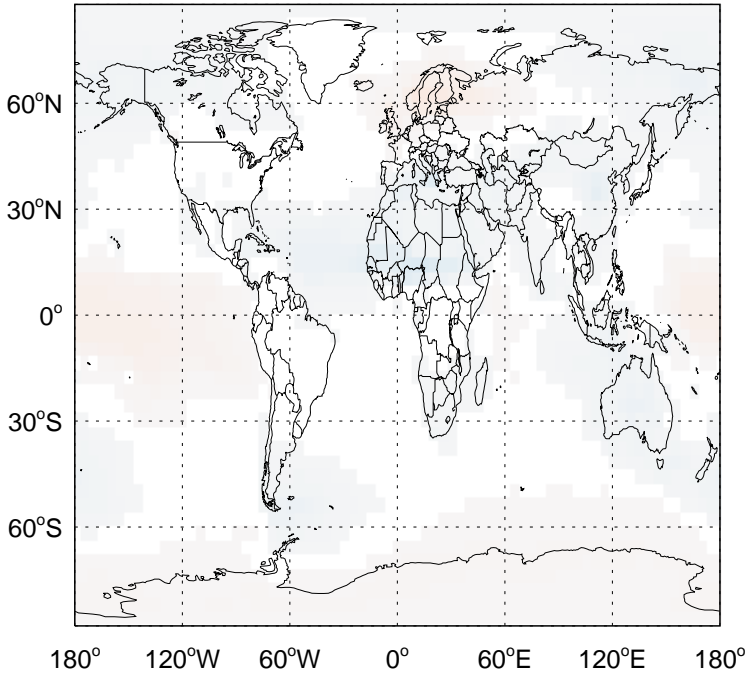
TSOG3/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

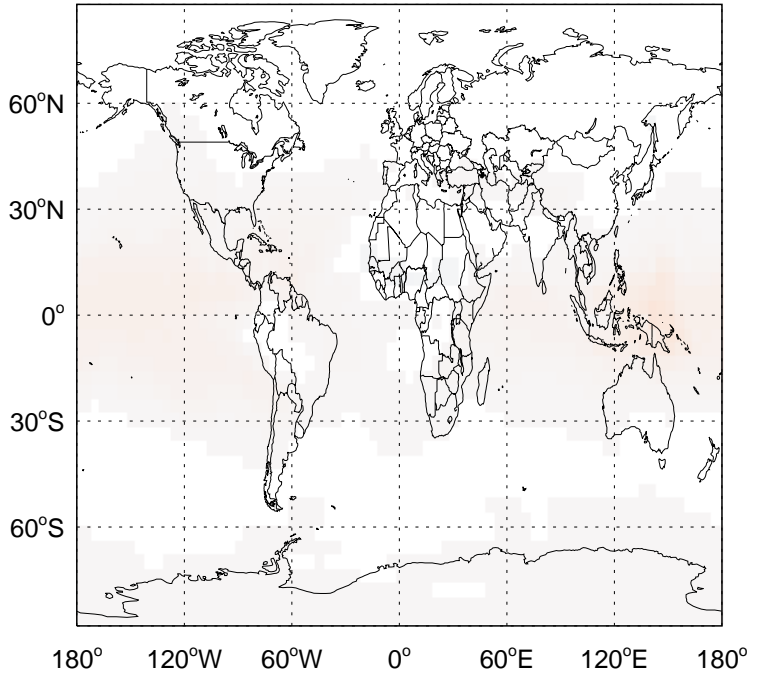
v11-02d / v11-02c

TSOG0 / Ratio @ Surface for Oct



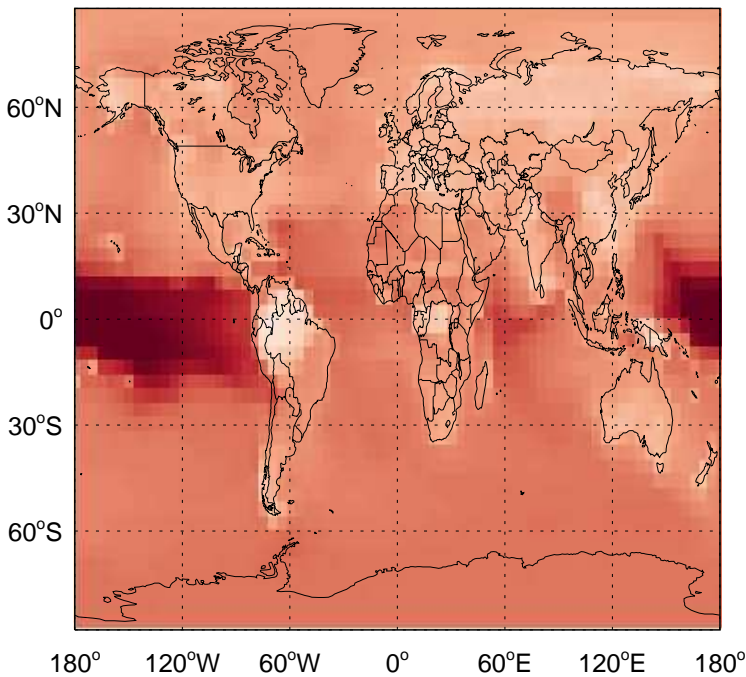
v11-02d / v11-02c

TSOG0/ Ratio @ 500 hPa for Oct



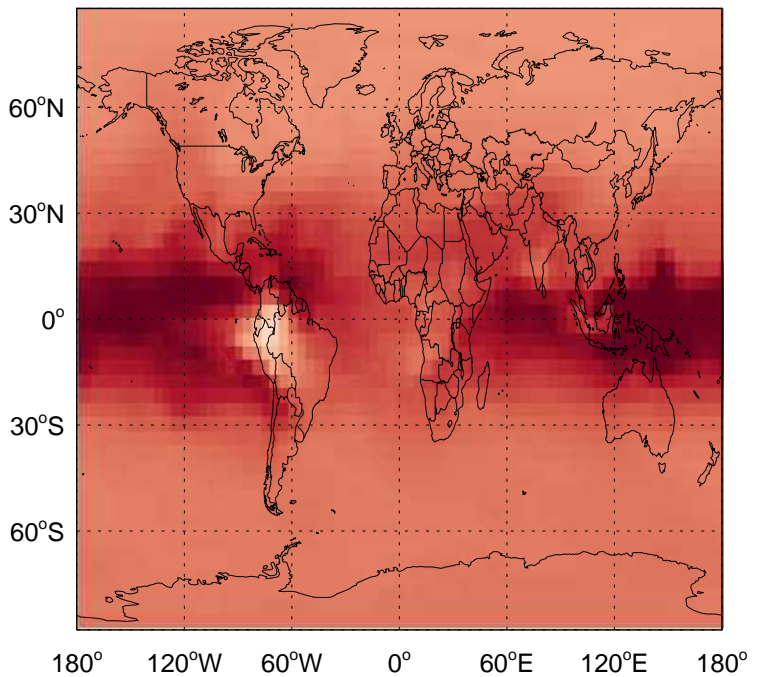
v11-02d / v11-02a

TSOG0 / Ratio @ Surface for Oct



v11-02d / v11-02a

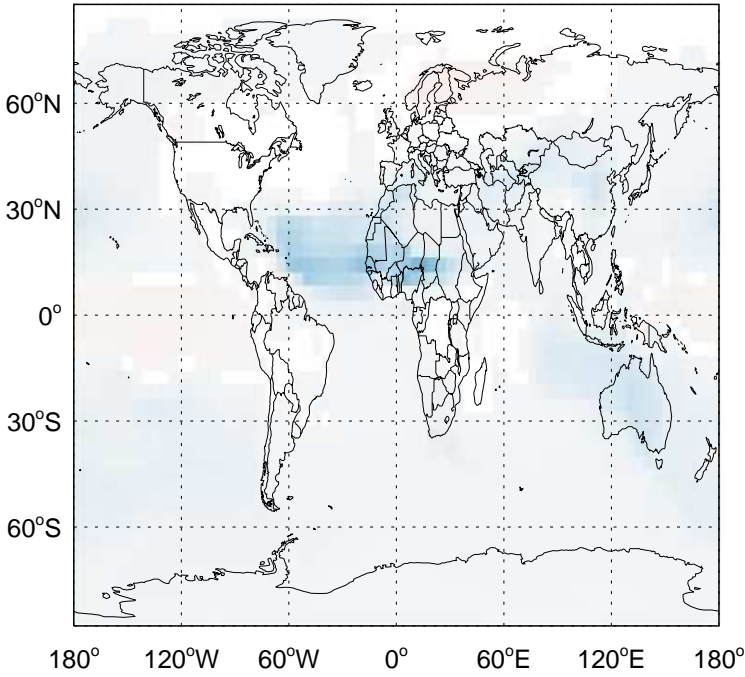
TSOG0/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

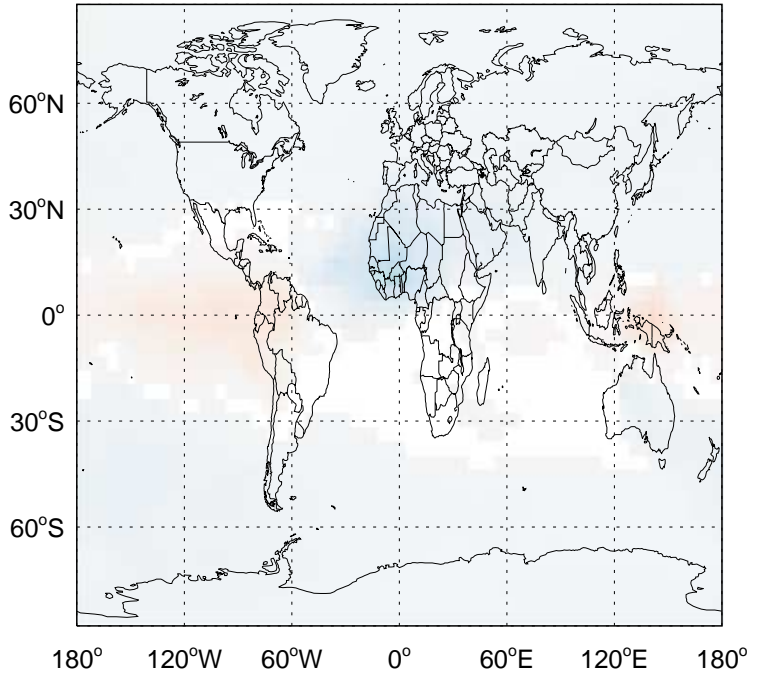
v11-02d / v11-02c

TSOA1 / Ratio @ Surface for Oct



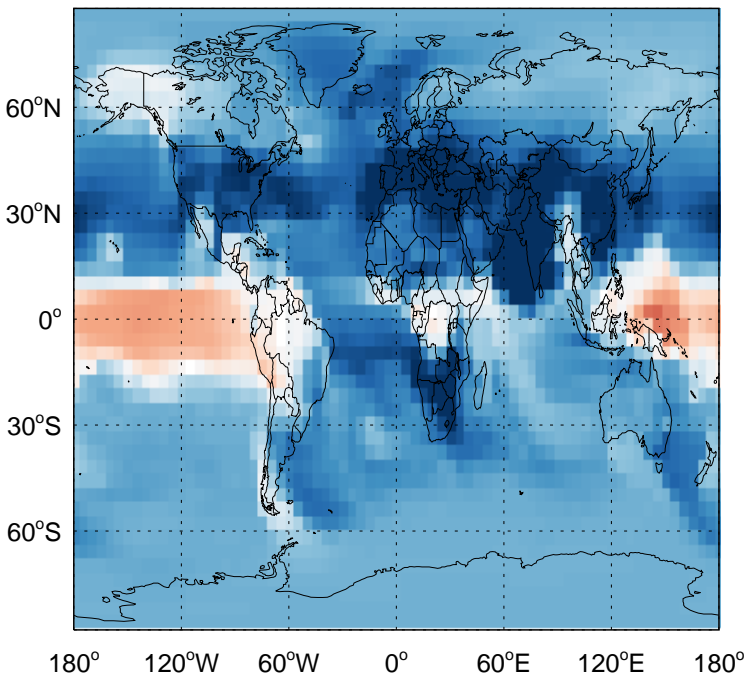
v11-02d / v11-02c

TSOA1/ Ratio @ 500 hPa for Oct



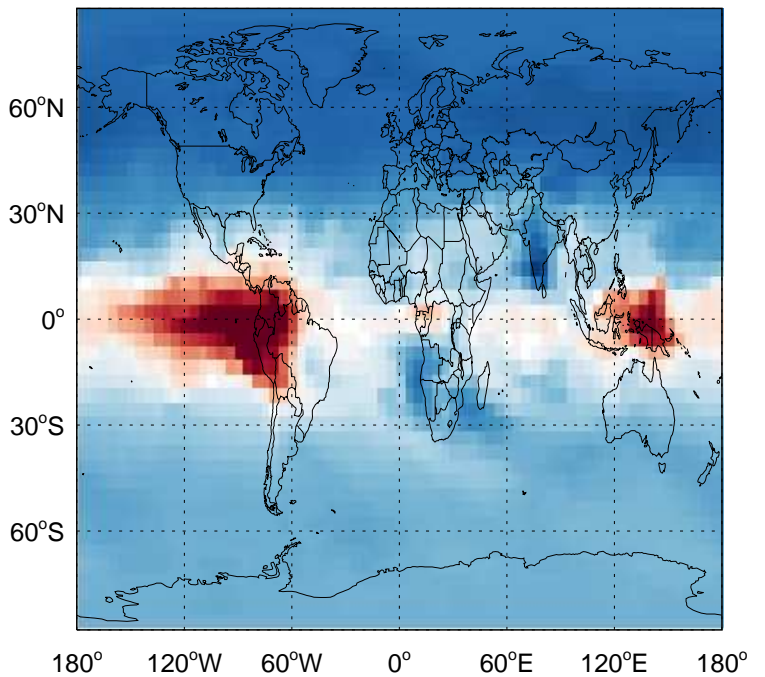
v11-02d / v11-02a

TSOA1 / Ratio @ Surface for Oct



v11-02d / v11-02a

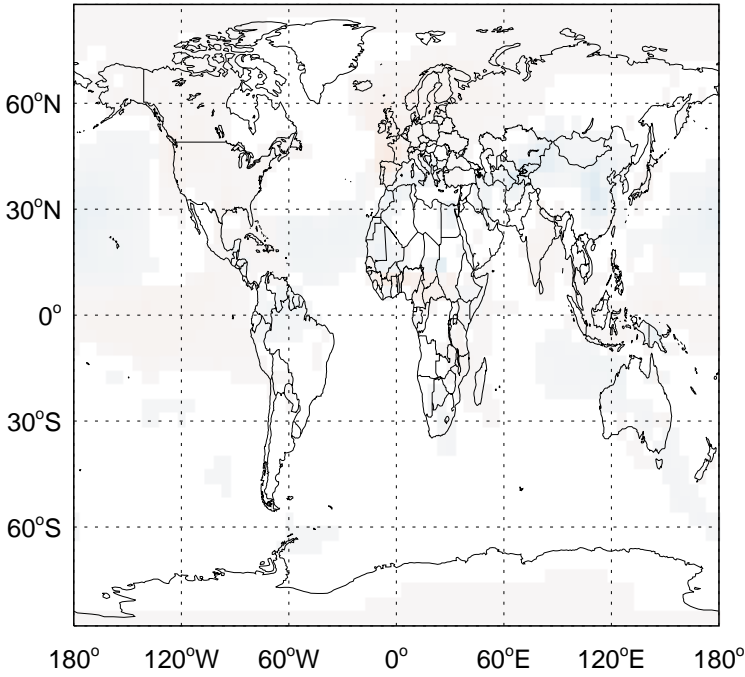
TSOA1/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

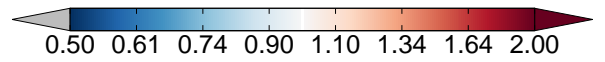
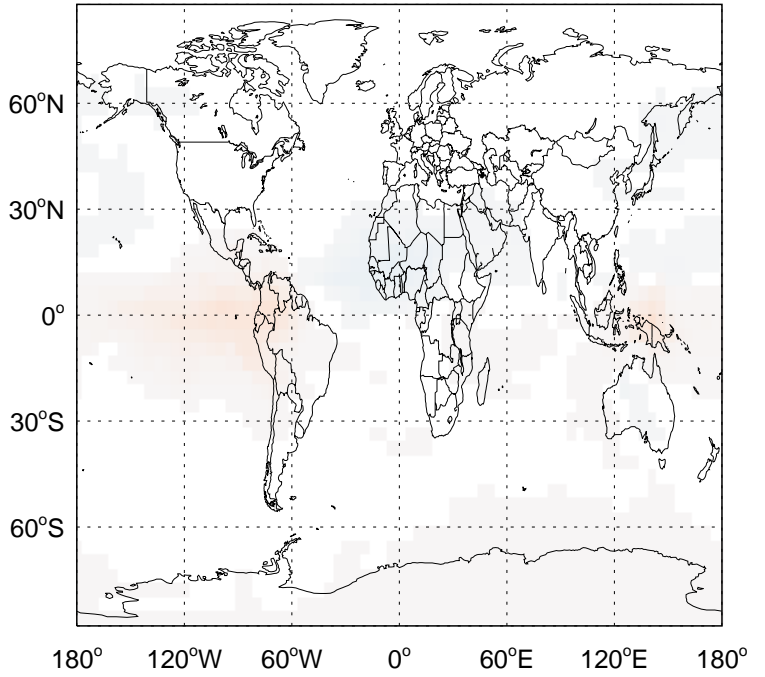
v11-02d / v11-02c

TSOA2 / Ratio @ Surface for Oct



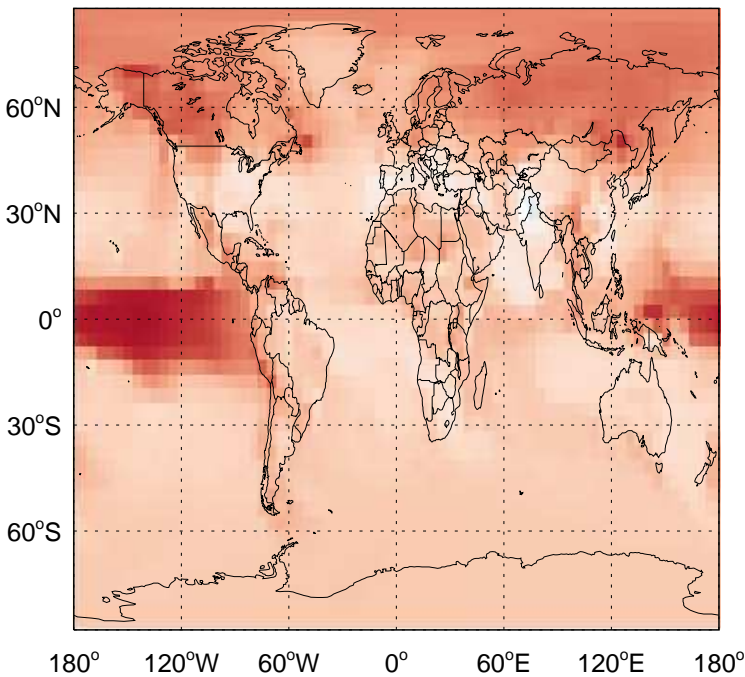
v11-02d / v11-02c

TSOA2/ Ratio @ 500 hPa for Oct



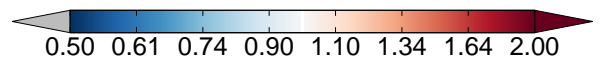
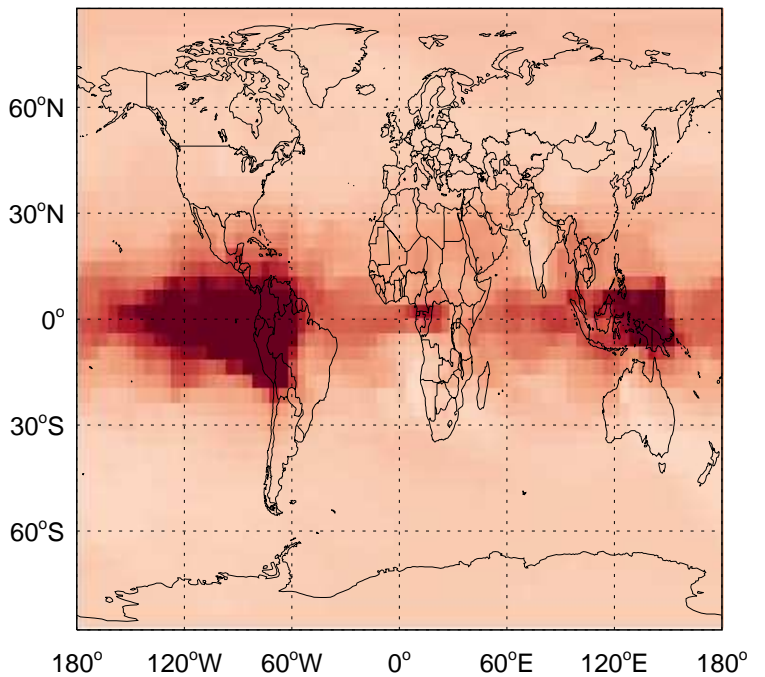
v11-02d / v11-02a

TSOA2 / Ratio @ Surface for Oct



v11-02d / v11-02a

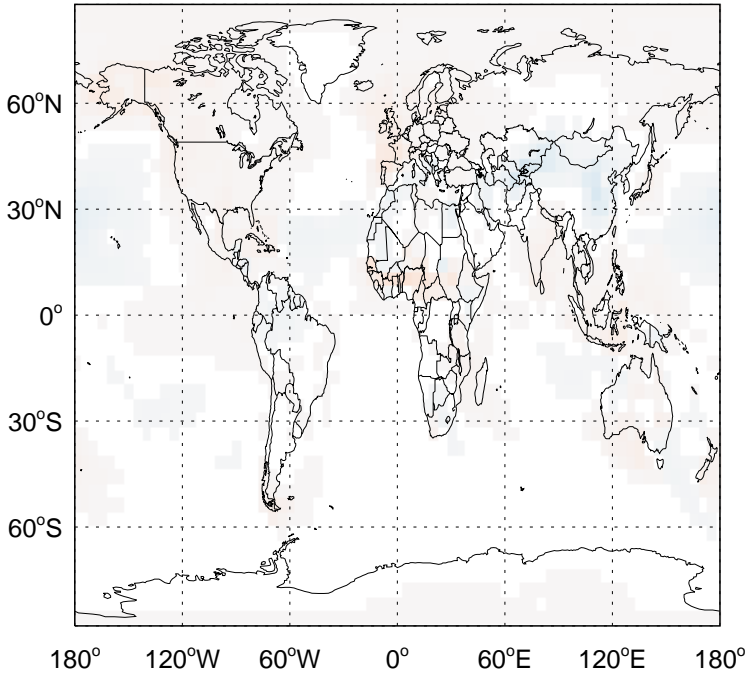
TSOA2/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

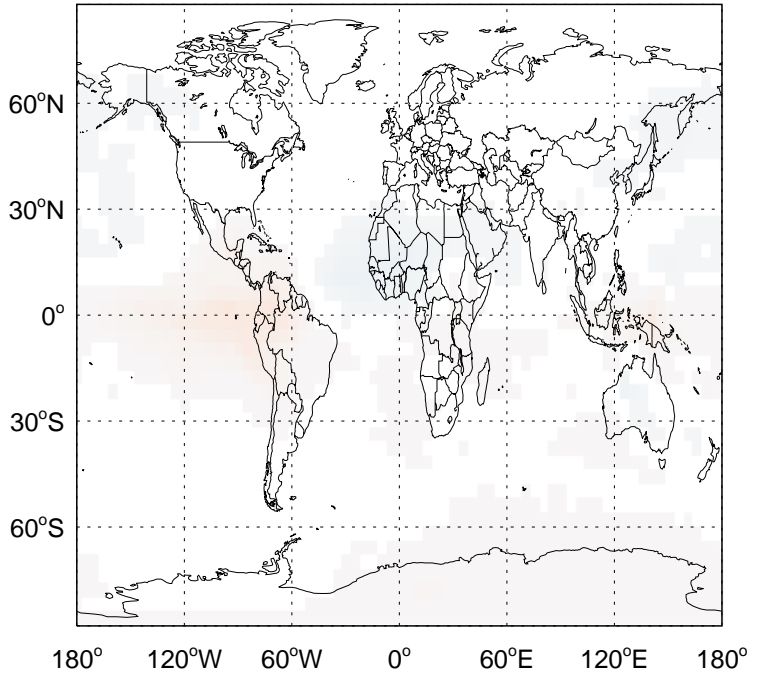
v11-02d / v11-02c

TSOA3 / Ratio @ Surface for Oct



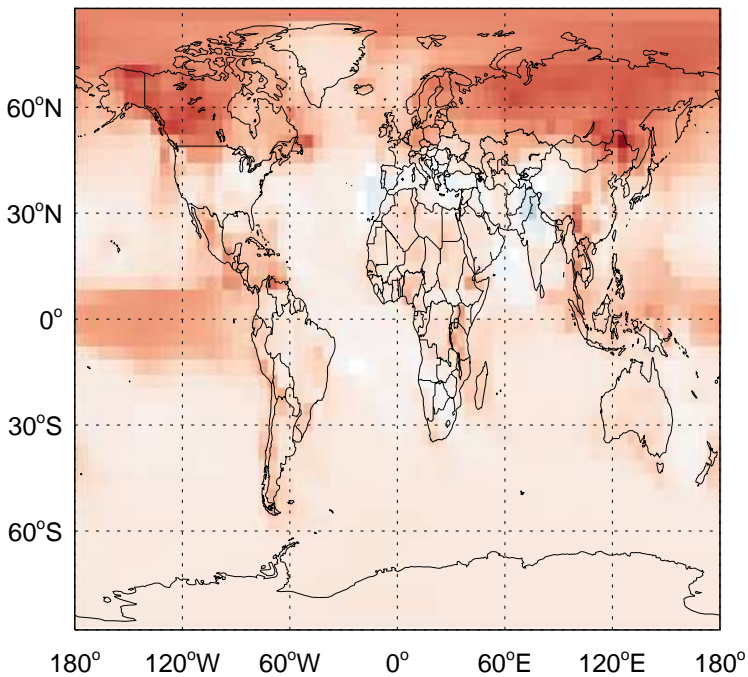
v11-02d / v11-02c

TSOA3/ Ratio @ 500 hPa for Oct



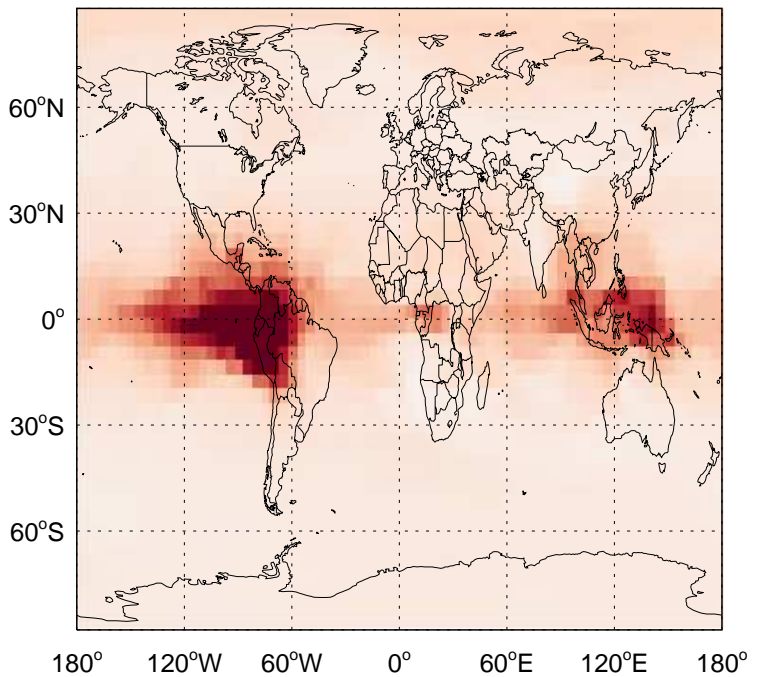
v11-02d / v11-02a

TSOA3 / Ratio @ Surface for Oct



v11-02d / v11-02a

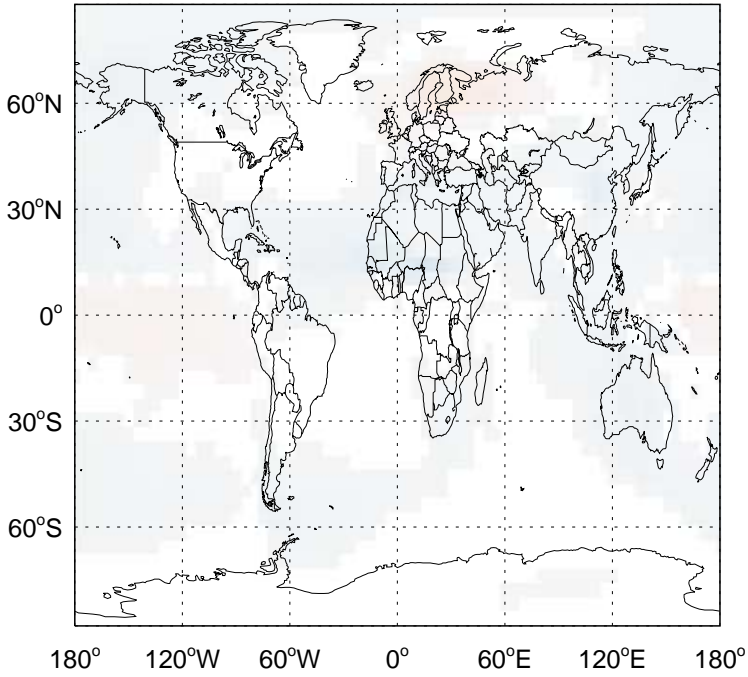
TSOA3/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

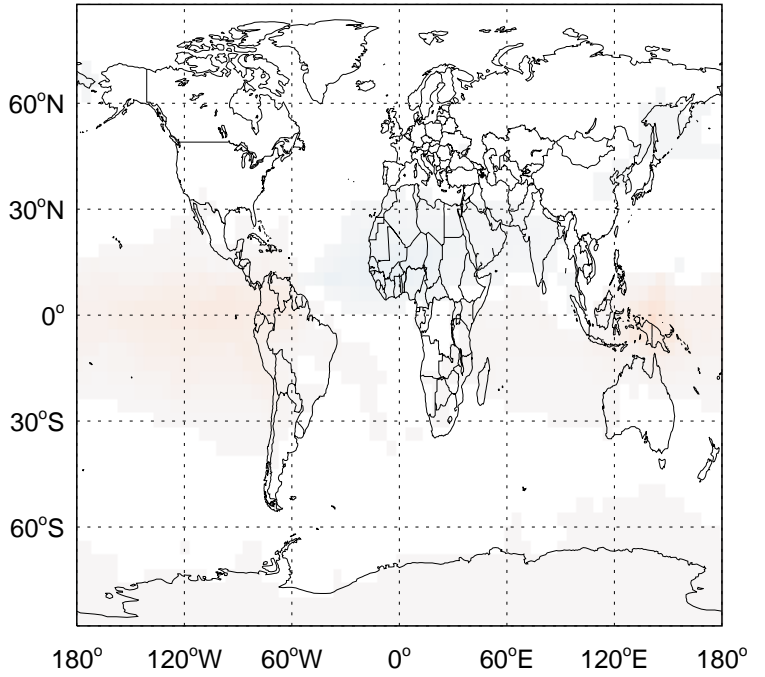
v11-02d / v11-02c

TSOA0 / Ratio @ Surface for Oct



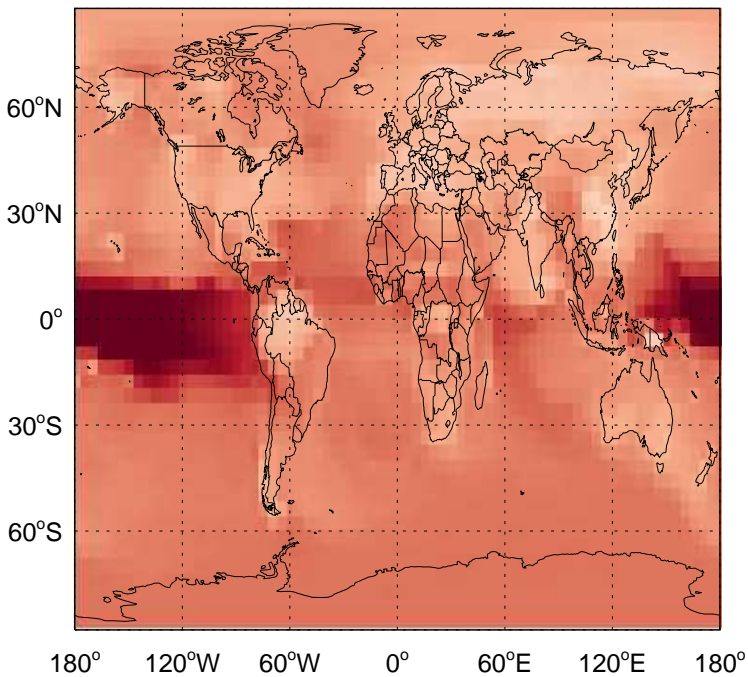
v11-02d / v11-02c

TSOA0/ Ratio @ 500 hPa for Oct



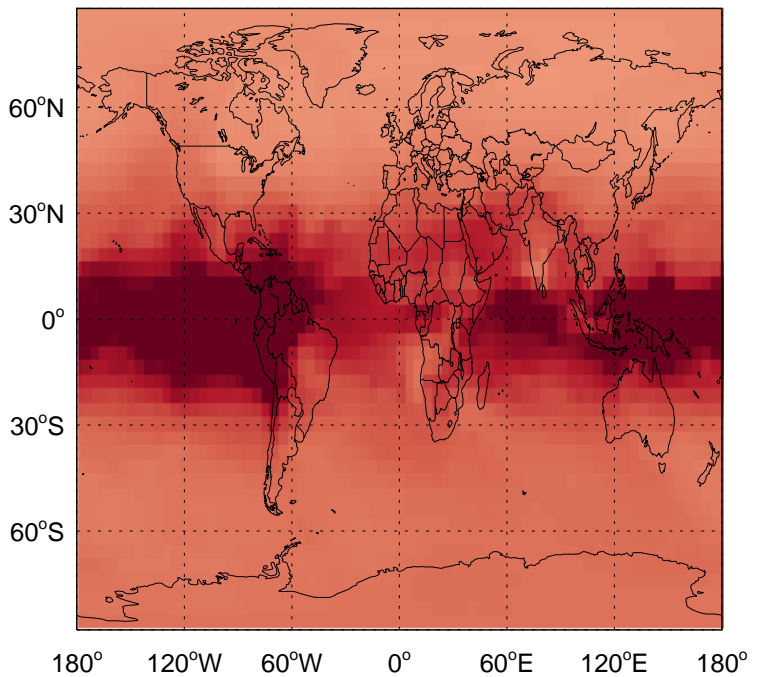
v11-02d / v11-02a

TSOA0 / Ratio @ Surface for Oct



v11-02d / v11-02a

TSOA0/ Ratio @ 500 hPa for Oct

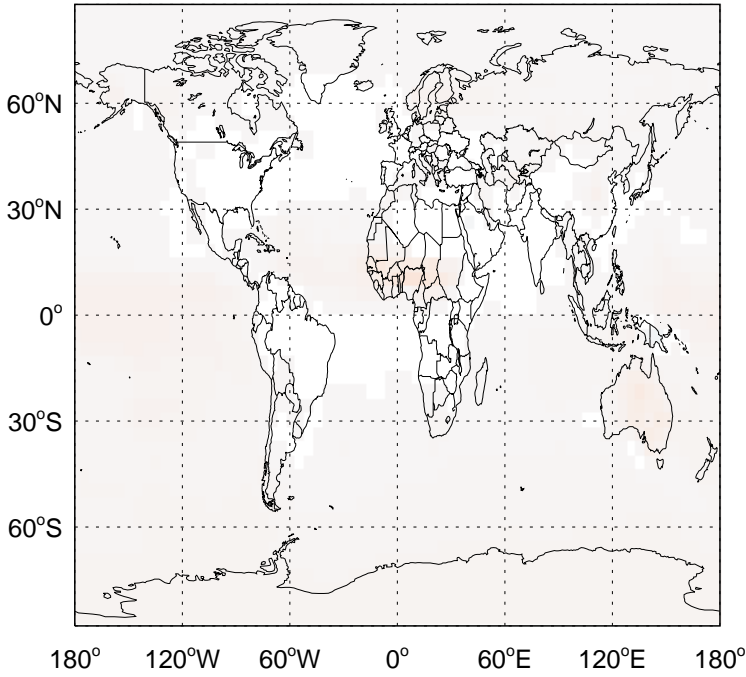




# GEOS-Chem Ratio Maps at surface and 500 hPa

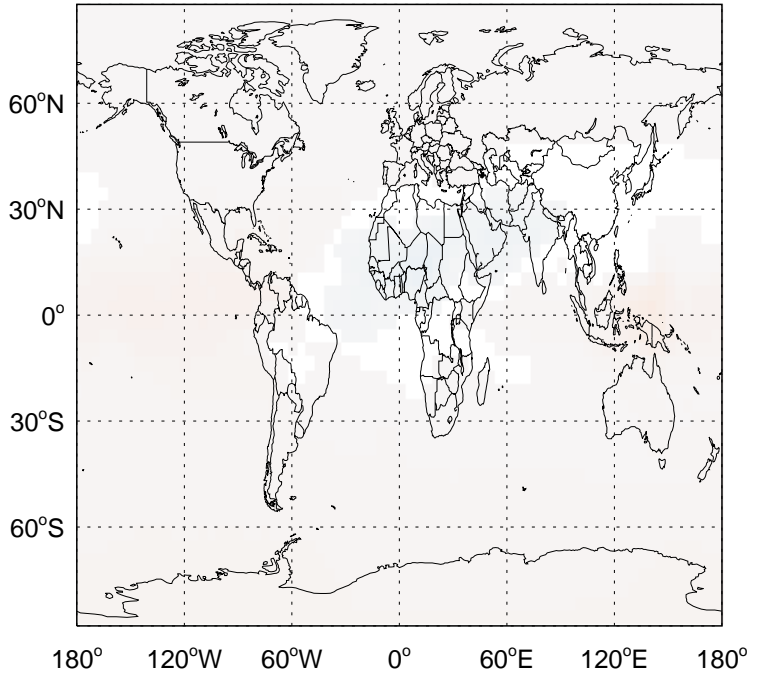
v11-02d / v11-02c

ISOG1 / Ratio @ Surface for Oct



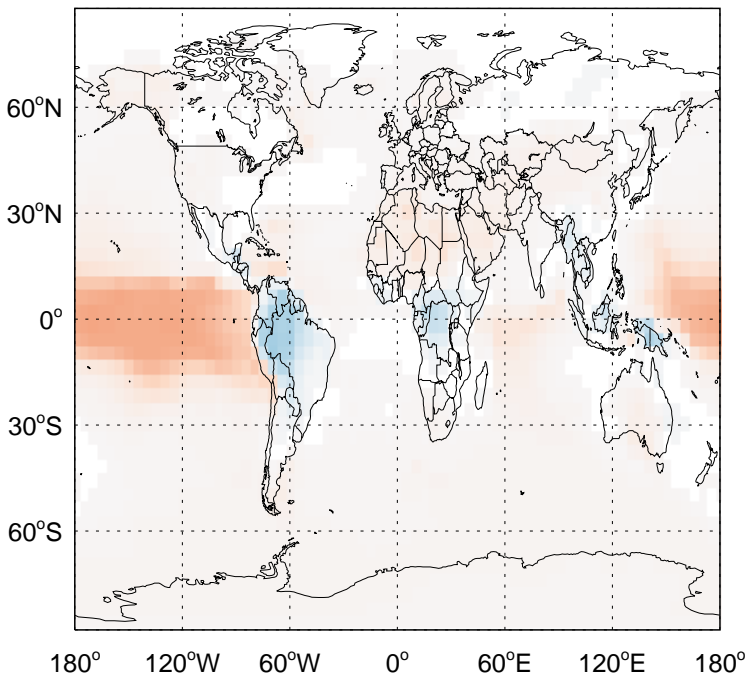
v11-02d / v11-02c

ISOG1/ Ratio @ 500 hPa for Oct



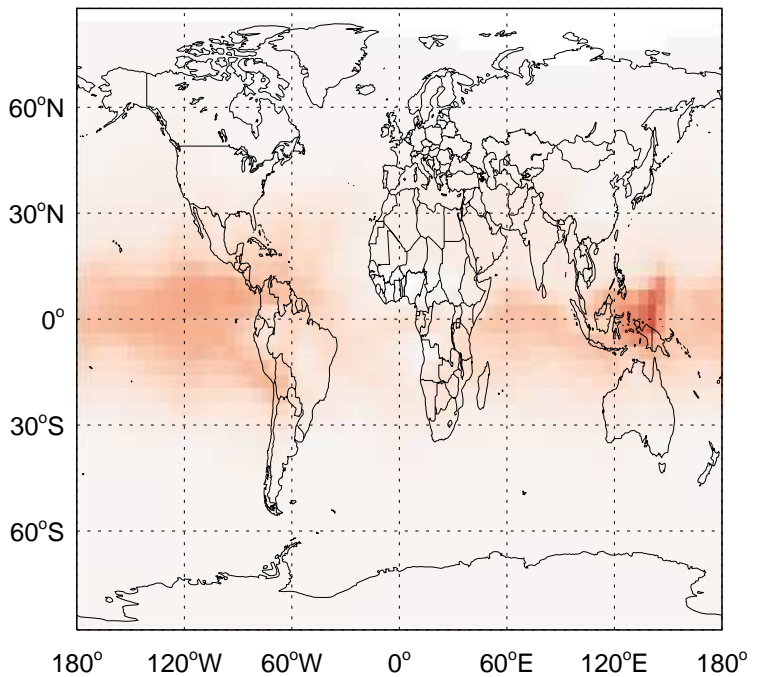
v11-02d / v11-02a

ISOG1 / Ratio @ Surface for Oct



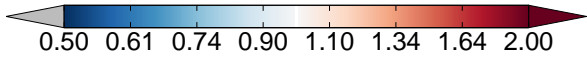
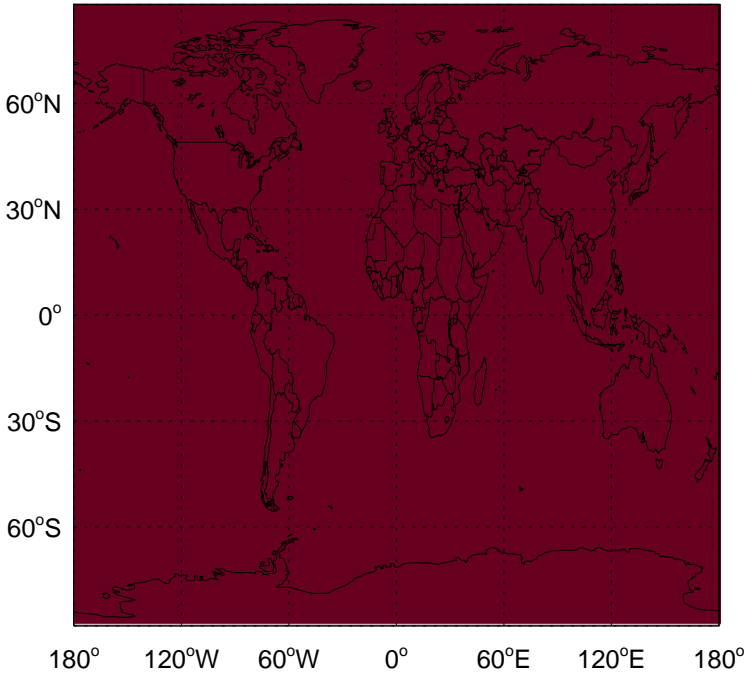
v11-02d / v11-02a

ISOG1/ Ratio @ 500 hPa for Oct

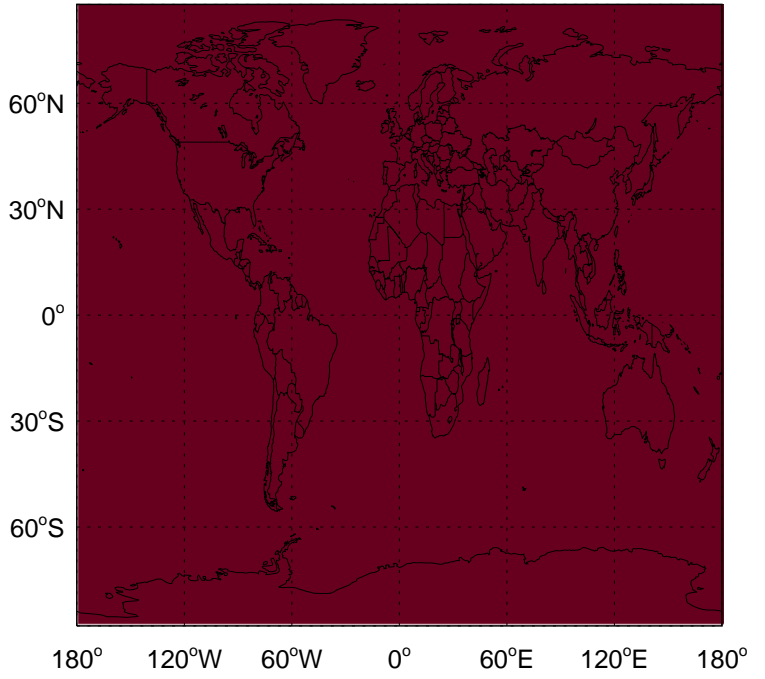


# GEOS-Chem Ratio Maps at surface and 500 hPa

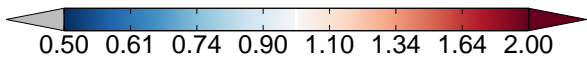
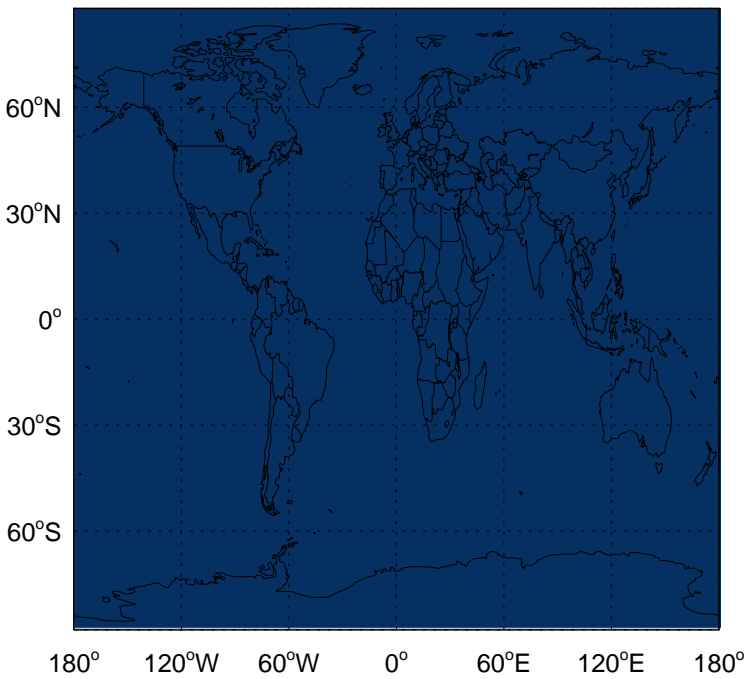
v11-02d / v11-02c  
ISO<sub>G2</sub> / Ratio @ Surface for Oct



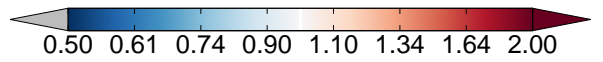
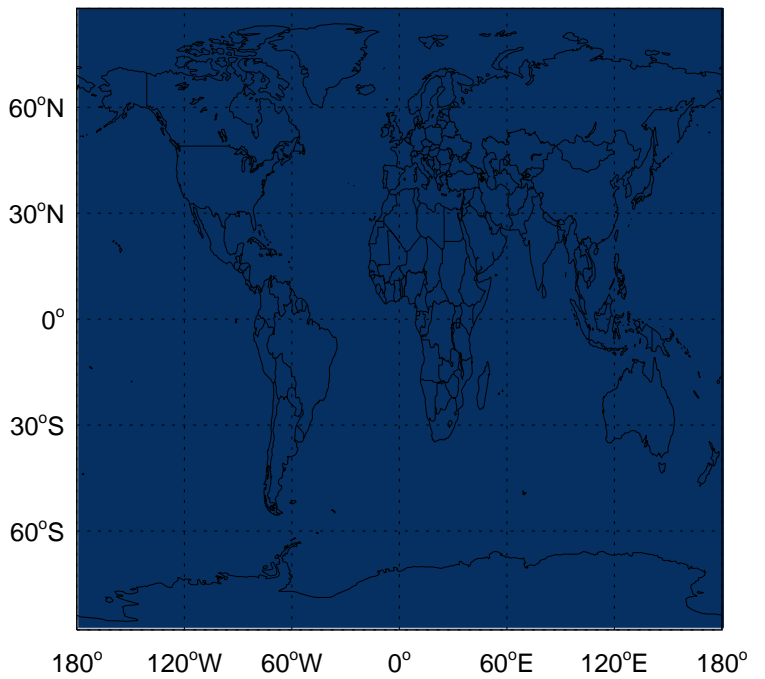
v11-02d / v11-02c  
ISO<sub>G2</sub> / Ratio @ 500 hPa for Oct



v11-02d / v11-02a  
ISO<sub>G2</sub> / Ratio @ Surface for Oct



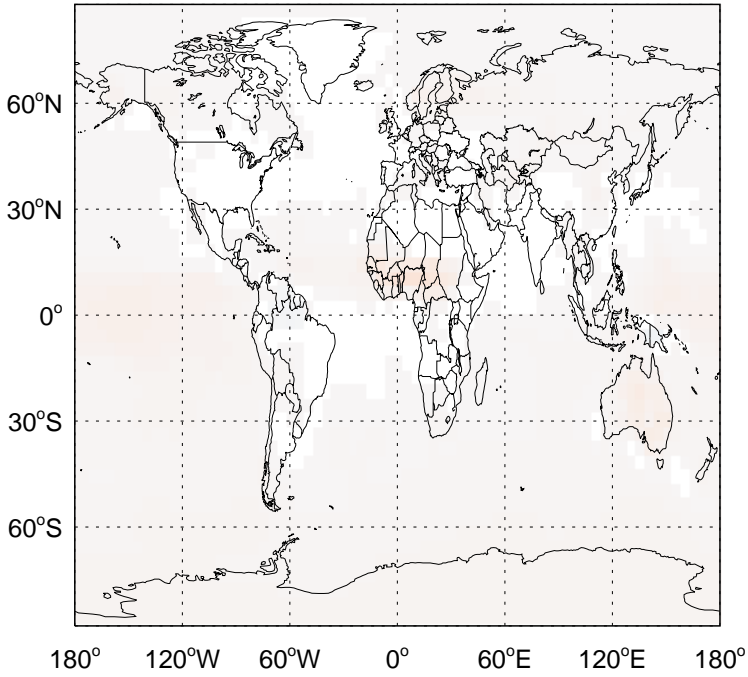
v11-02d / v11-02a  
ISO<sub>G2</sub> / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

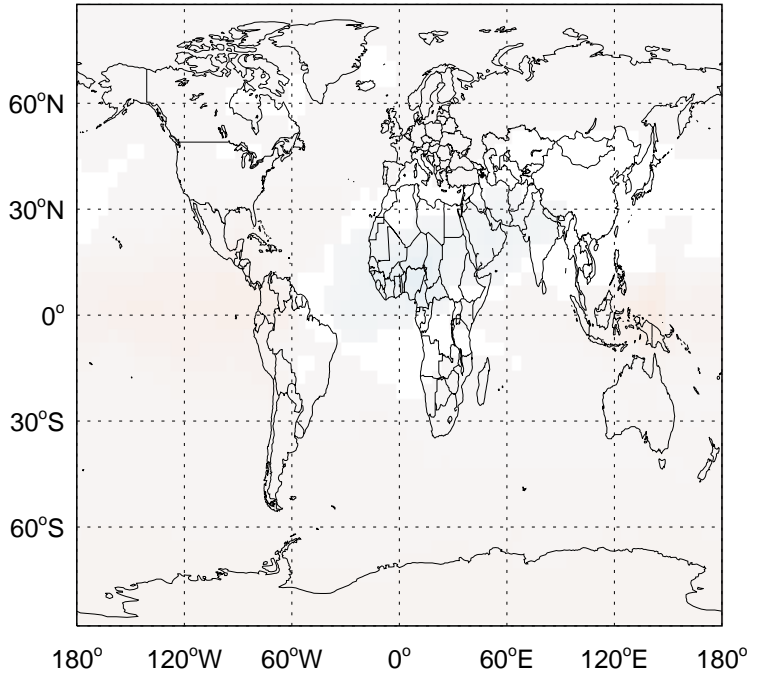
v11-02d / v11-02c

ISO<sub>G3</sub> / Ratio @ Surface for Oct



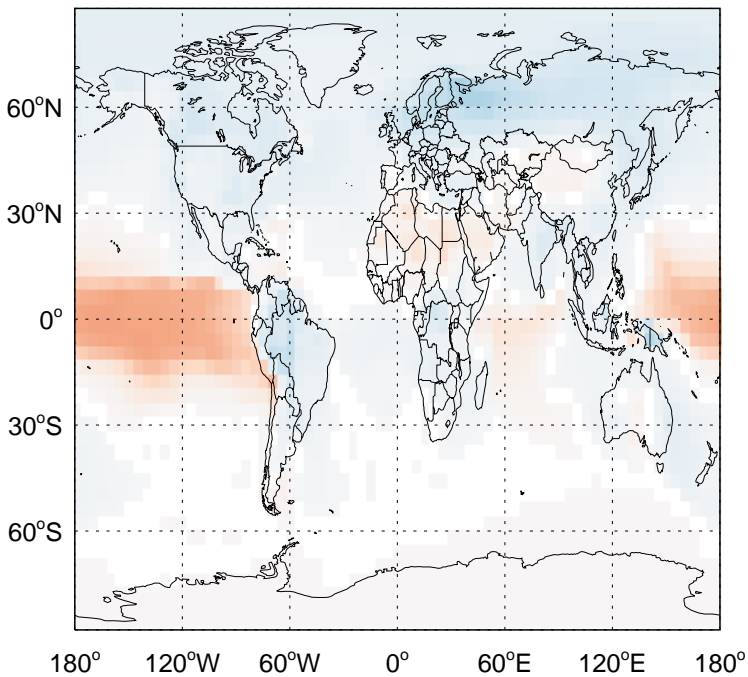
v11-02d / v11-02c

ISO<sub>G3</sub> / Ratio @ 500 hPa for Oct



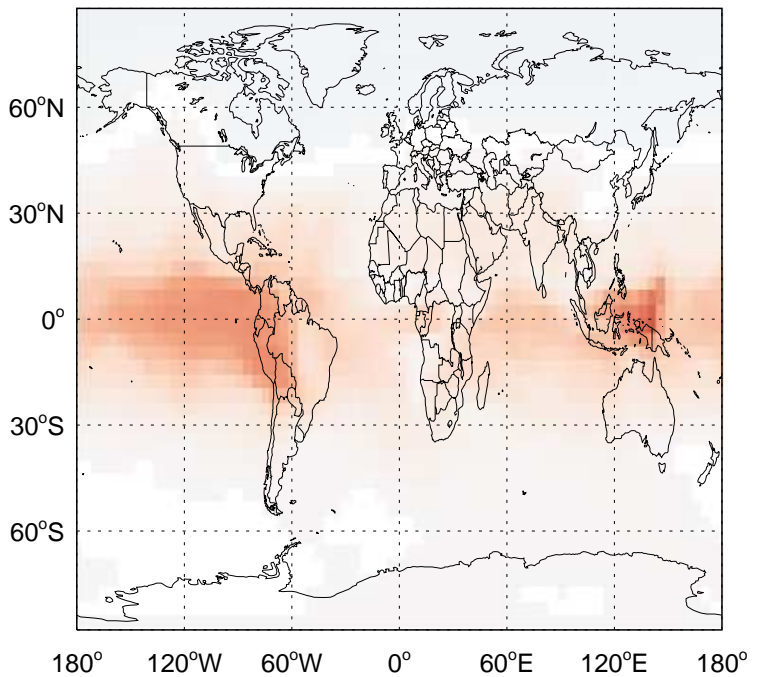
v11-02d / v11-02a

ISO<sub>G3</sub> / Ratio @ Surface for Oct



v11-02d / v11-02a

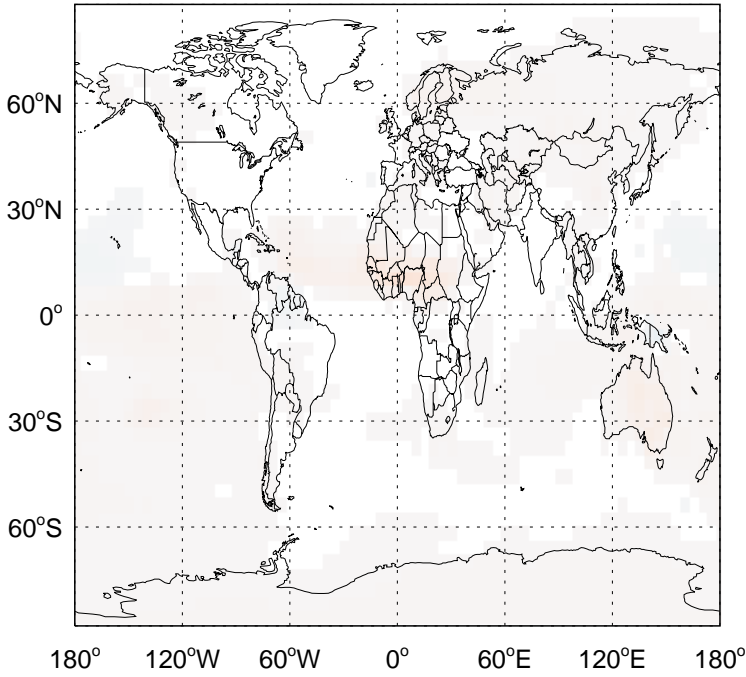
ISO<sub>G3</sub> / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

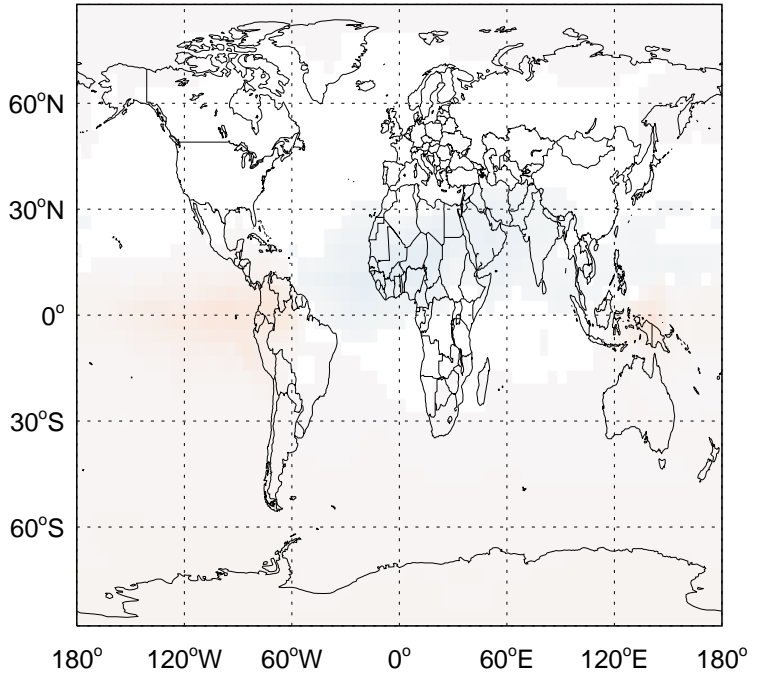
v11-02d / v11-02c

ISOA1 / Ratio @ Surface for Oct



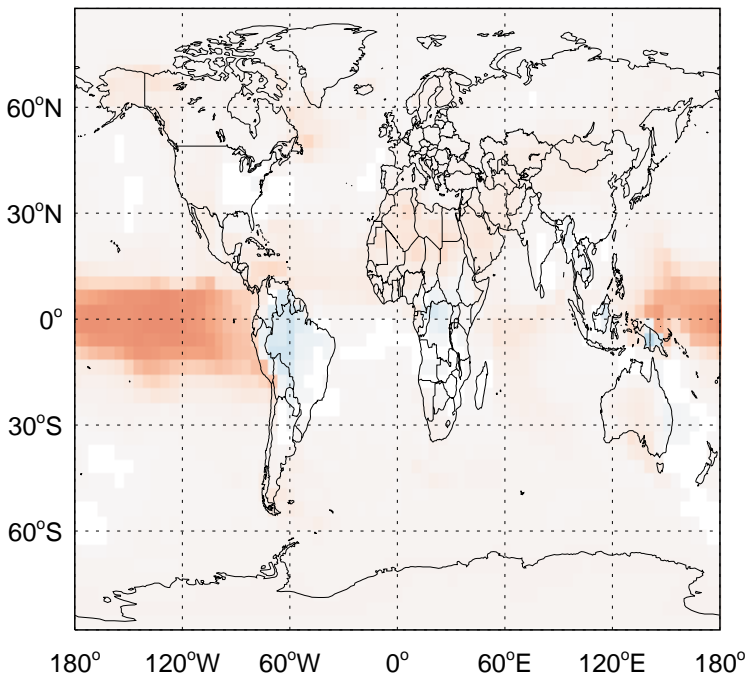
v11-02d / v11-02c

ISOA1/ Ratio @ 500 hPa for Oct



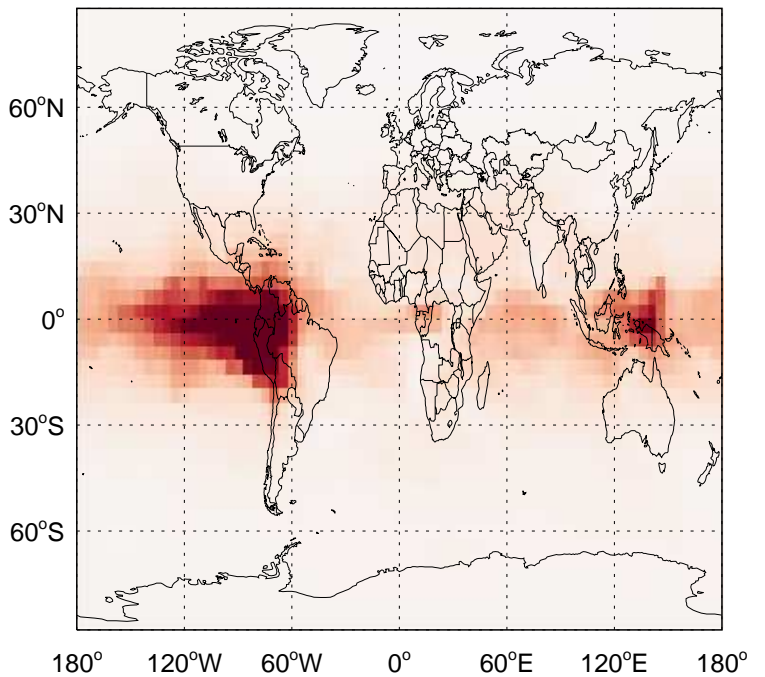
v11-02d / v11-02a

ISOA1 / Ratio @ Surface for Oct



v11-02d / v11-02a

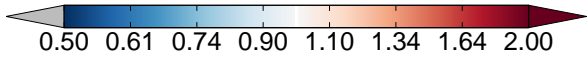
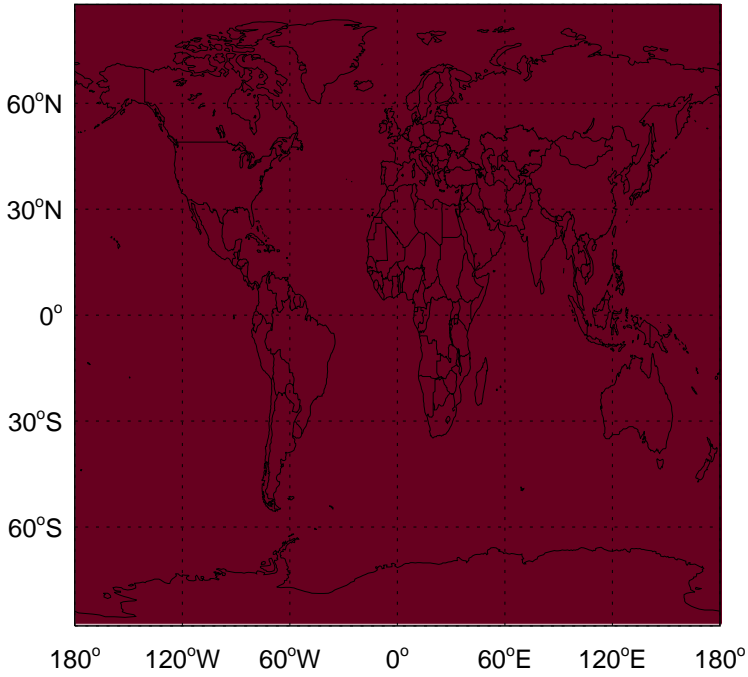
ISOA1/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

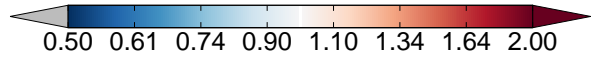
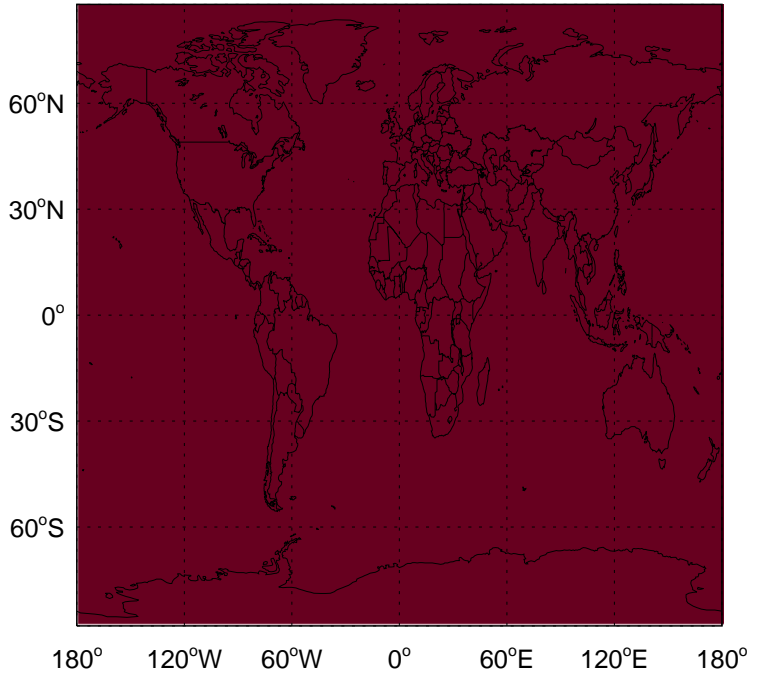
v11-02d / v11-02c

ISOA2 / Ratio @ Surface for Oct



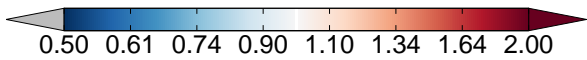
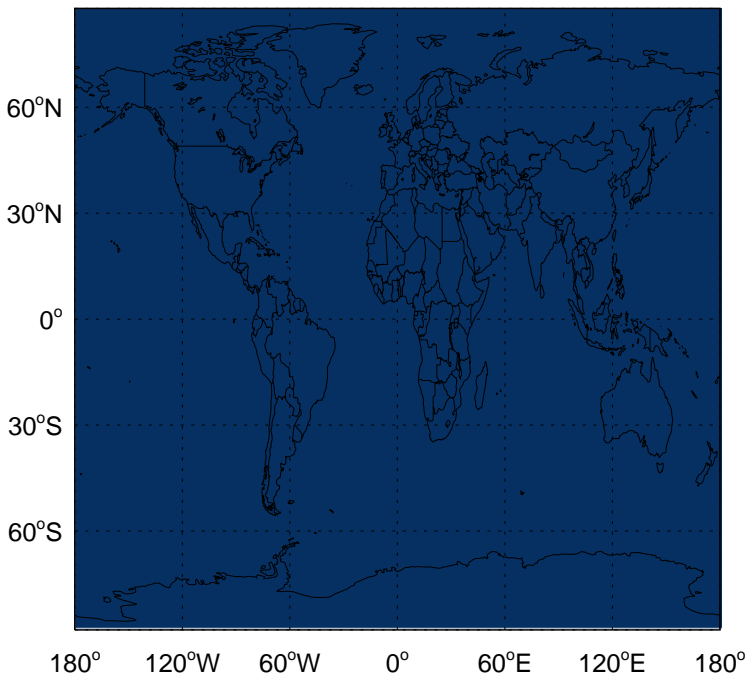
v11-02d / v11-02c

ISOA2/ Ratio @ 500 hPa for Oct



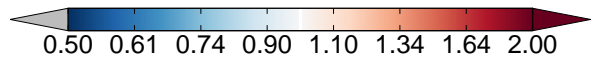
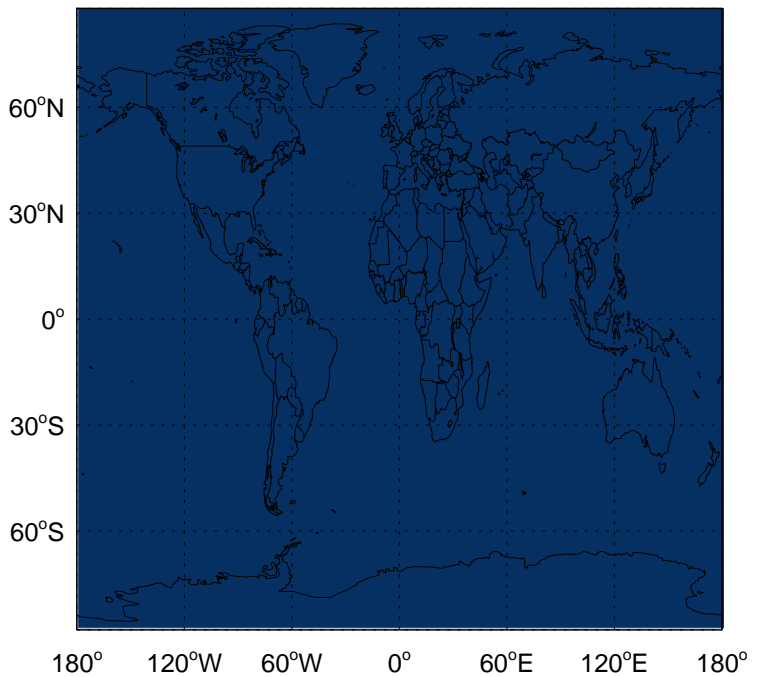
v11-02d / v11-02a

ISOA2 / Ratio @ Surface for Oct



v11-02d / v11-02a

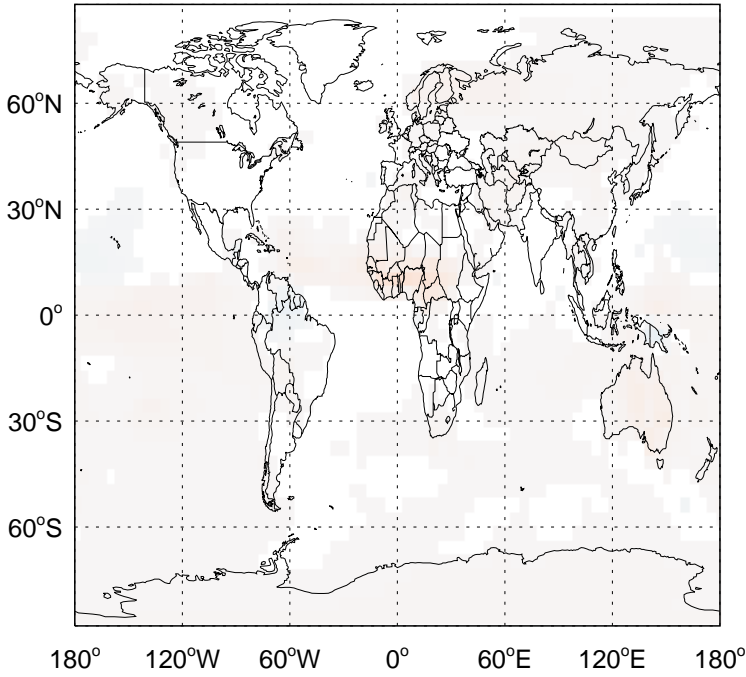
ISOA2/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

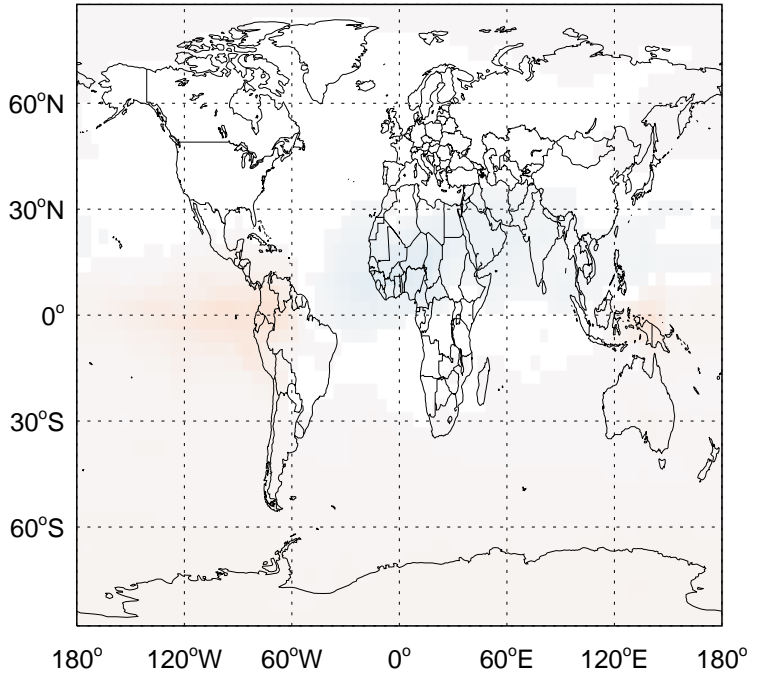
v11-02d / v11-02c

ISOA3 / Ratio @ Surface for Oct



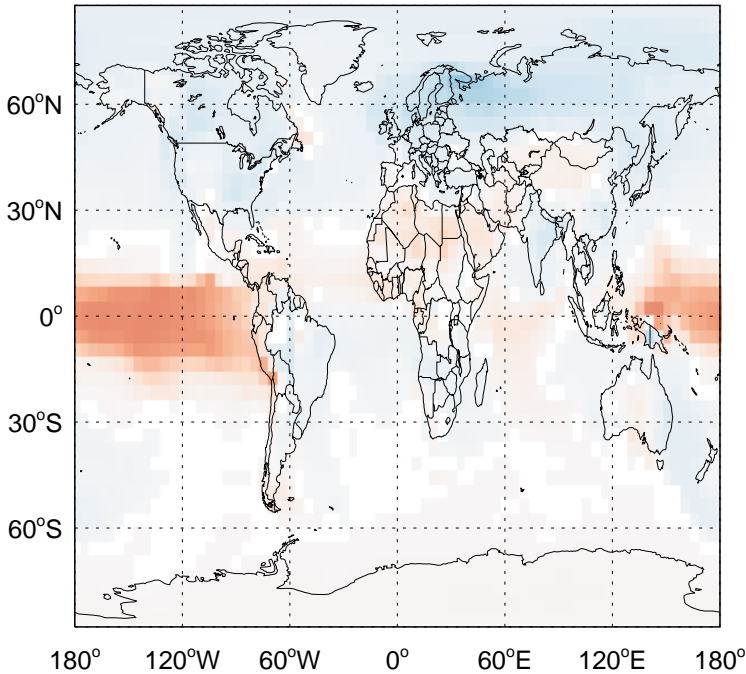
v11-02d / v11-02c

ISOA3/ Ratio @ 500 hPa for Oct



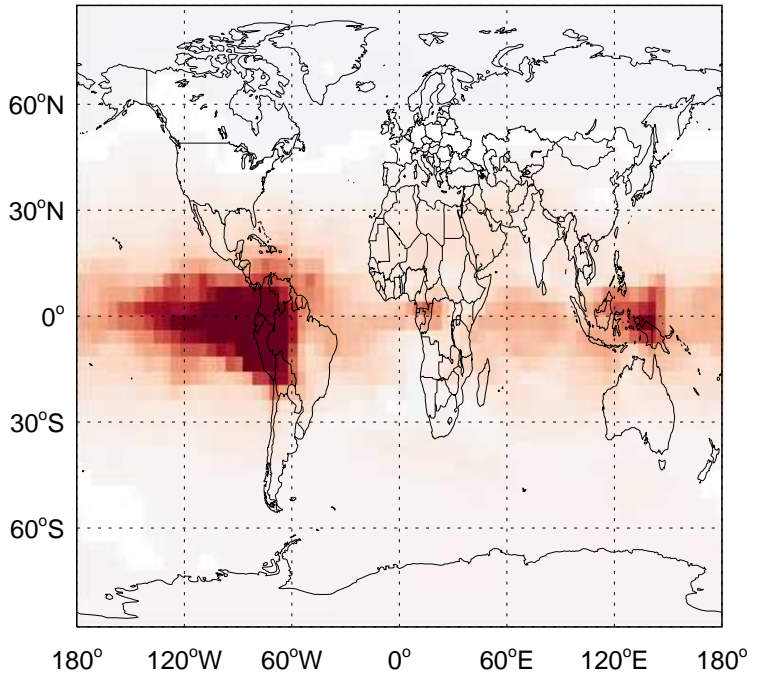
v11-02d / v11-02a

ISOA3 / Ratio @ Surface for Oct



v11-02d / v11-02a

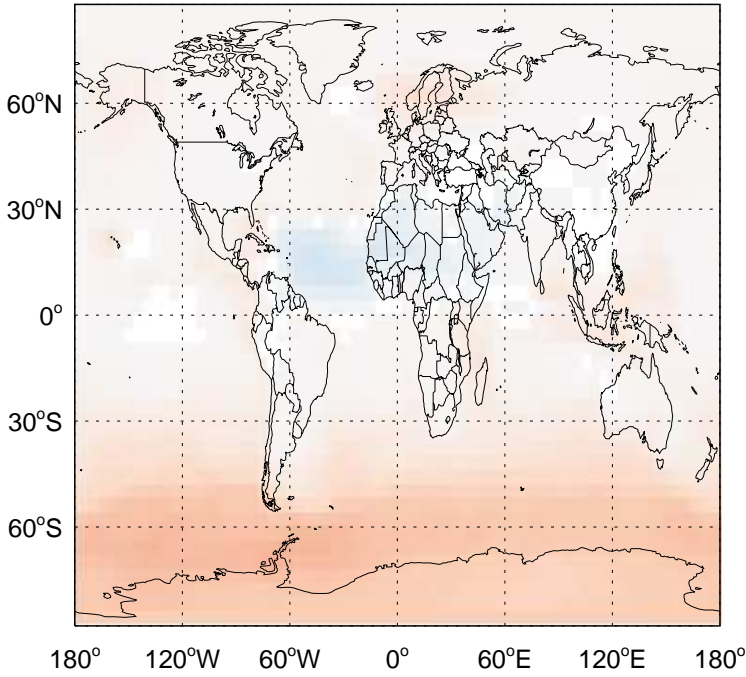
ISOA3/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

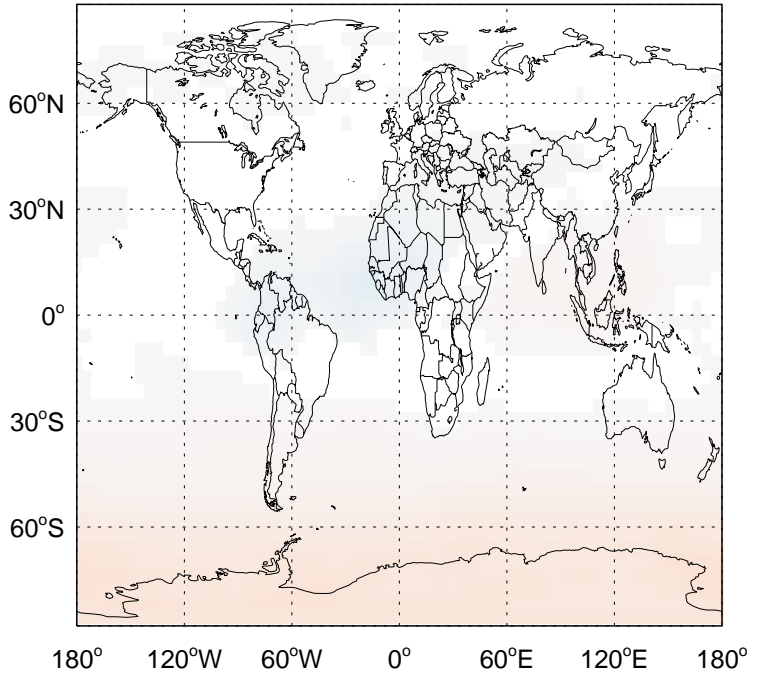
v11-02d / v11-02c

ASOG1 / Ratio @ Surface for Oct



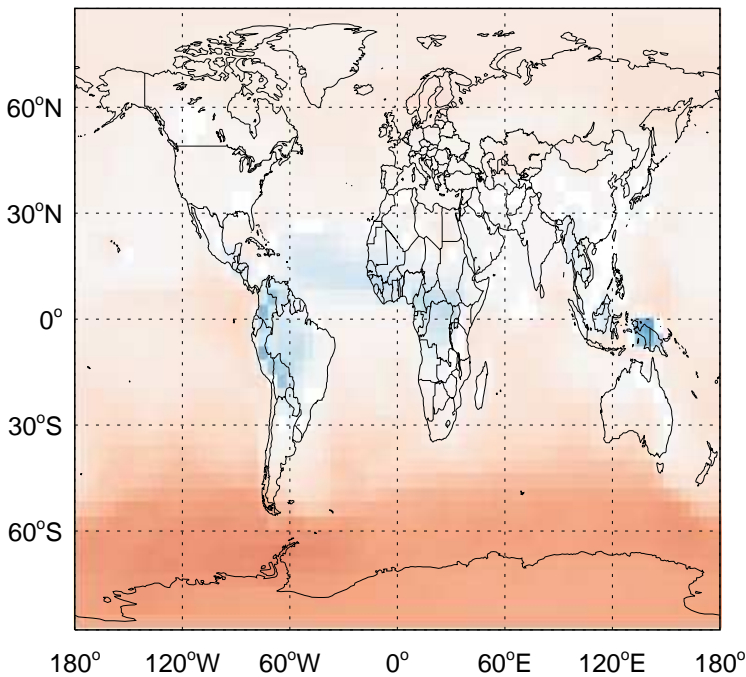
v11-02d / v11-02c

ASOG1/ Ratio @ 500 hPa for Oct



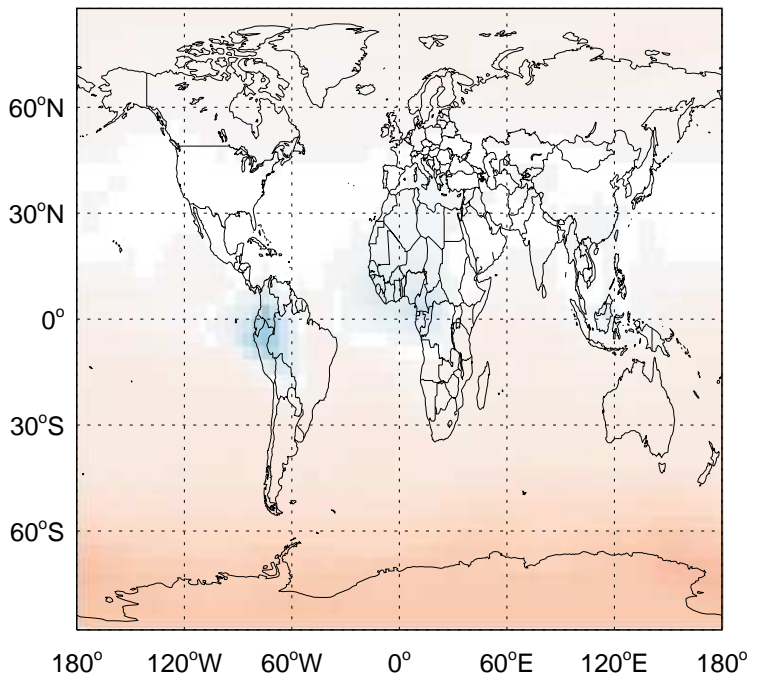
v11-02d / v11-02a

ASOG1 / Ratio @ Surface for Oct



v11-02d / v11-02a

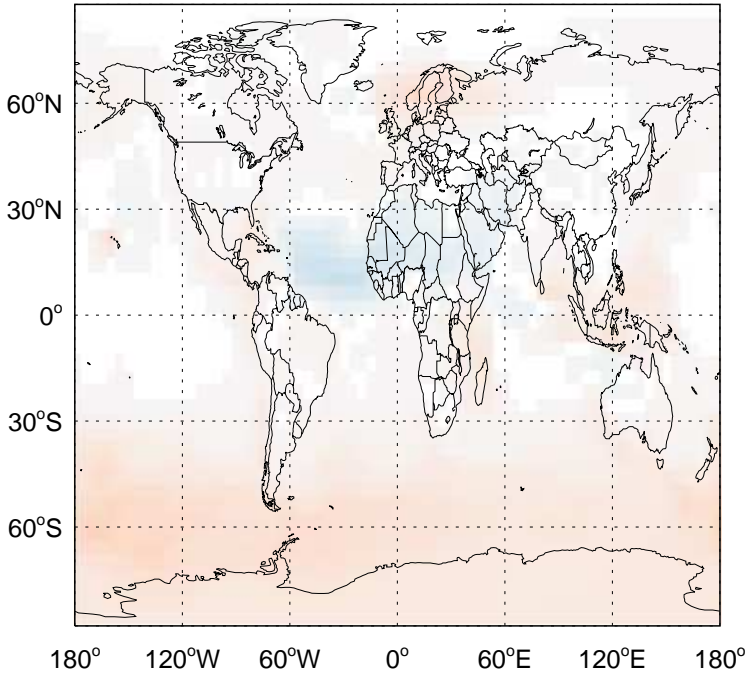
ASOG1/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

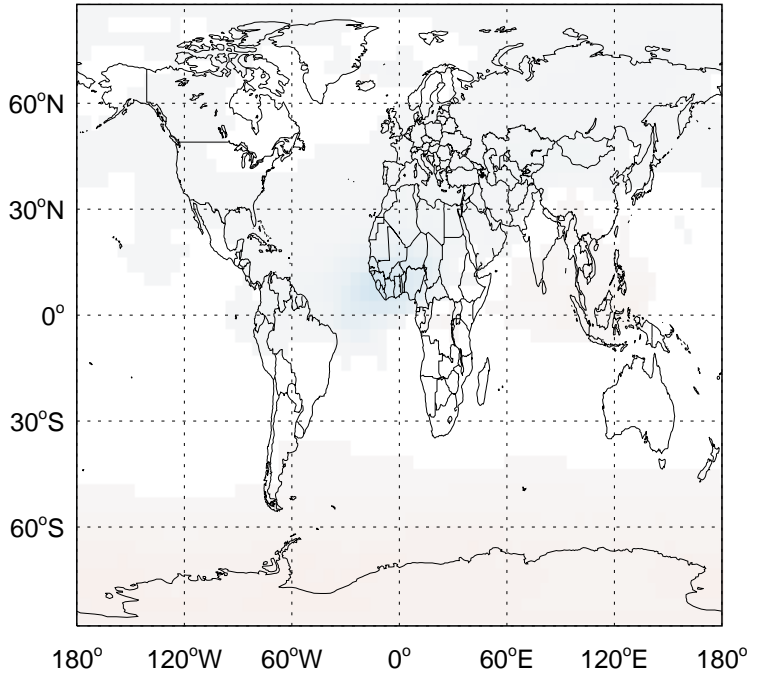
v11-02d / v11-02c

ASOG2 / Ratio @ Surface for Oct



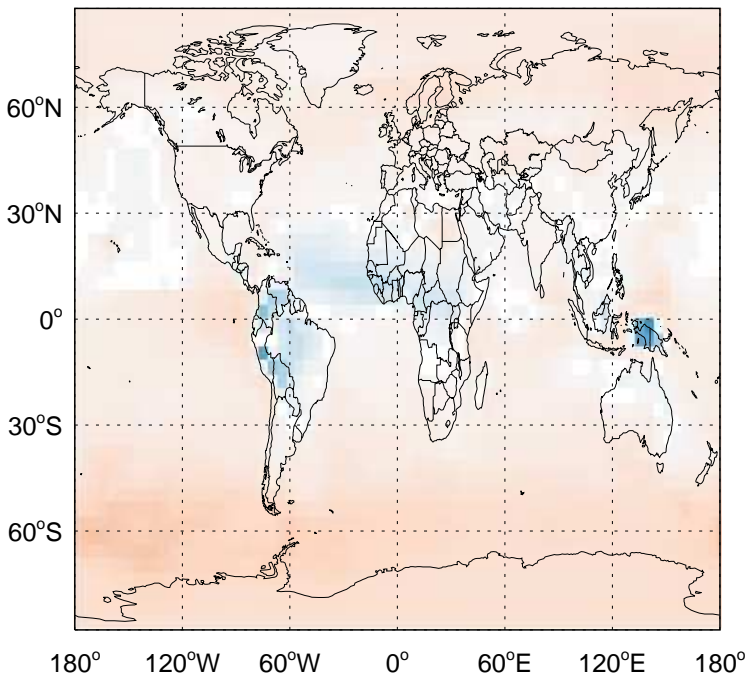
v11-02d / v11-02c

ASOG2/ Ratio @ 500 hPa for Oct



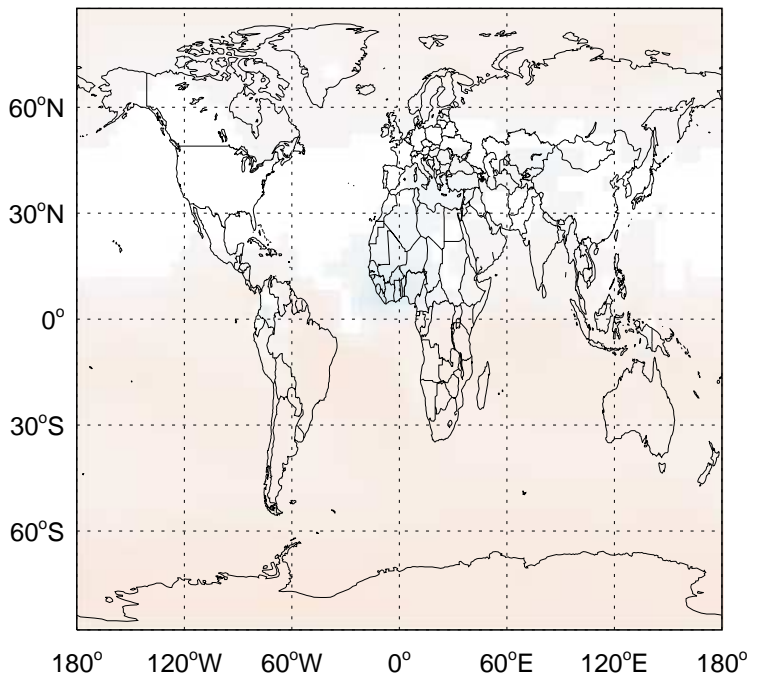
v11-02d / v11-02a

ASOG2 / Ratio @ Surface for Oct



v11-02d / v11-02a

ASOG2/ Ratio @ 500 hPa for Oct

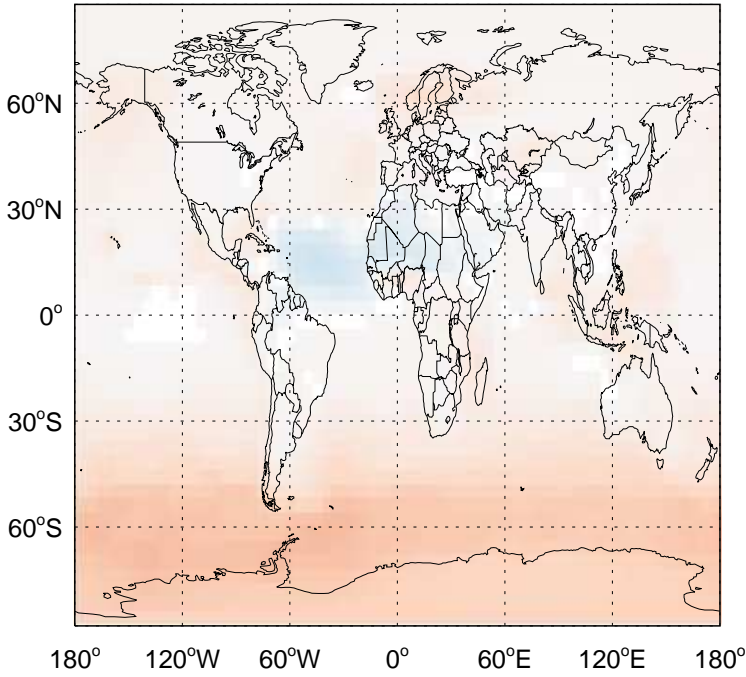




# GEOS-Chem Ratio Maps at surface and 500 hPa

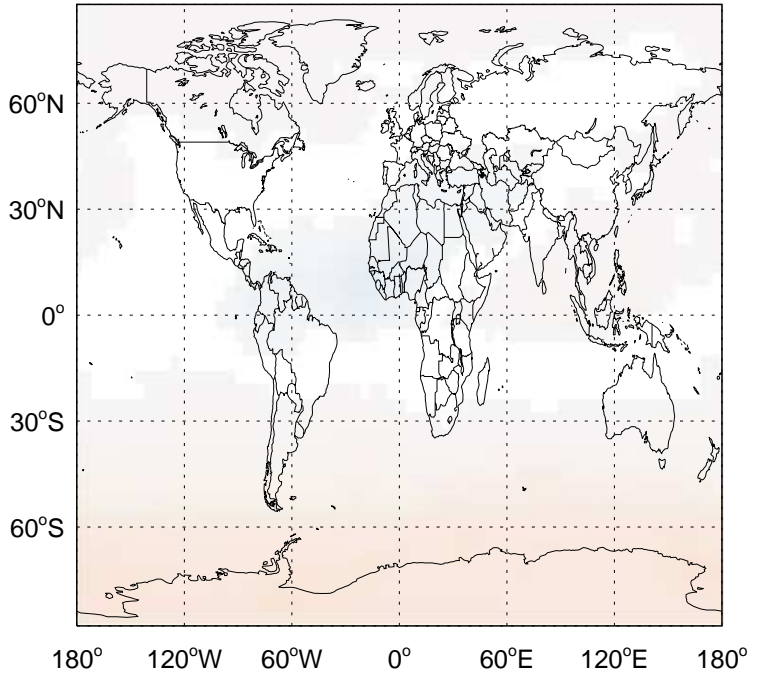
v11-02d / v11-02c

ASOG3 / Ratio @ Surface for Oct



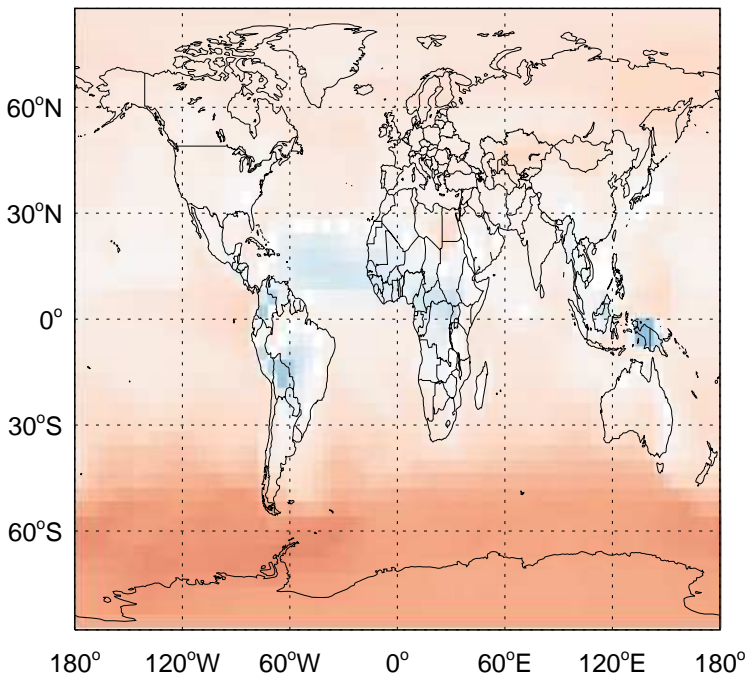
v11-02d / v11-02c

ASOG3/ Ratio @ 500 hPa for Oct



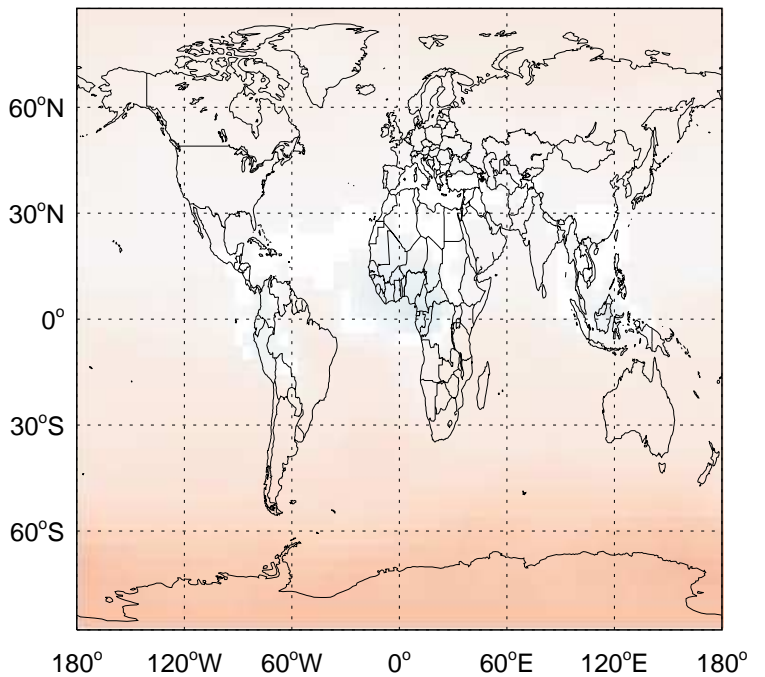
v11-02d / v11-02a

ASOG3 / Ratio @ Surface for Oct



v11-02d / v11-02a

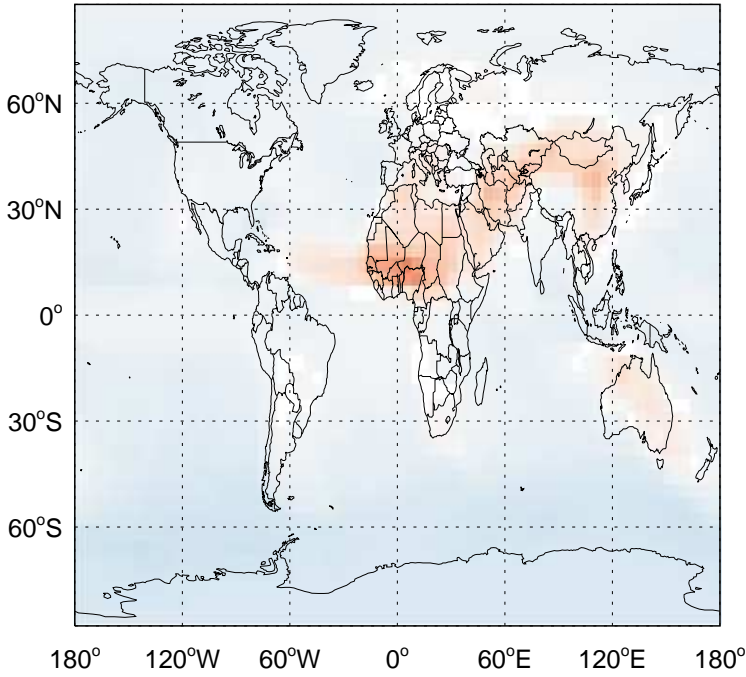
ASOG3/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

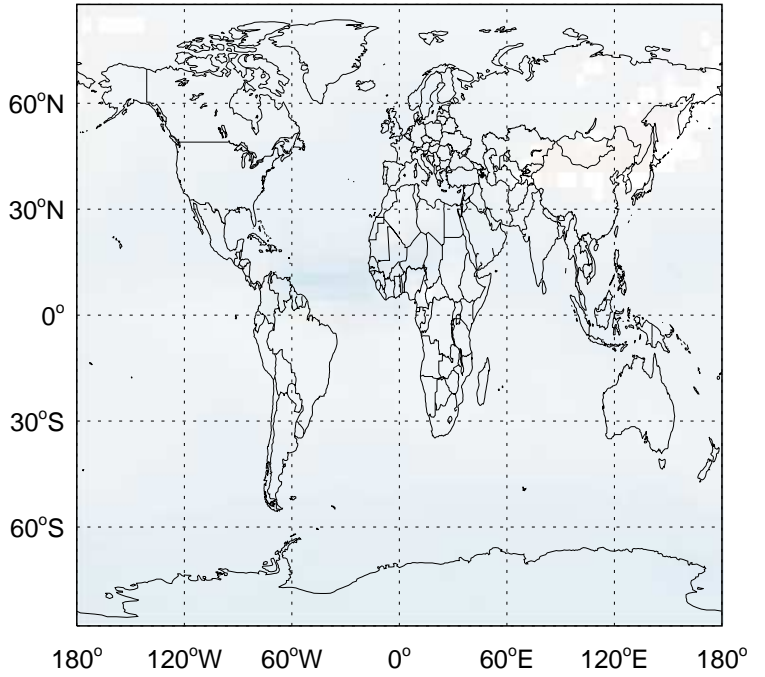
v11-02d / v11-02c

ASOAN / Ratio @ Surface for Oct



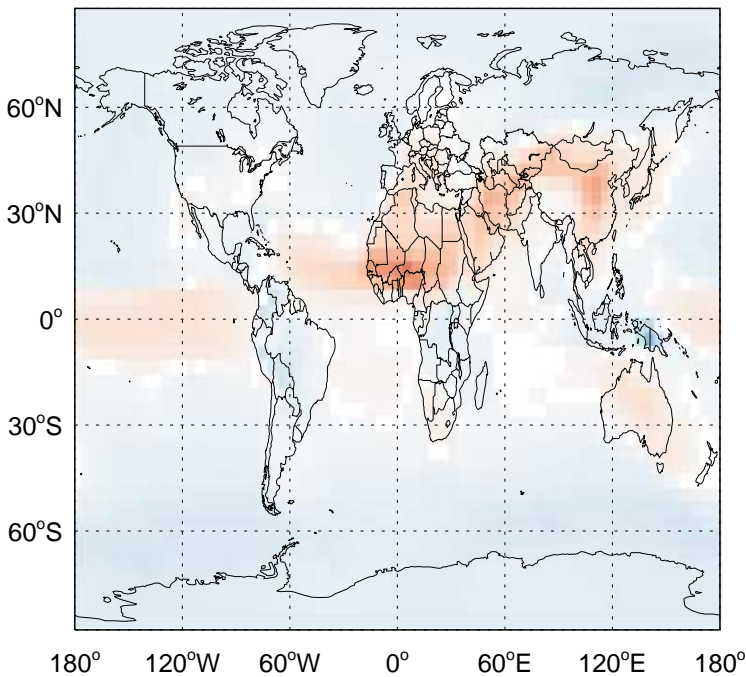
v11-02d / v11-02c

ASOAN/ Ratio @ 500 hPa for Oct



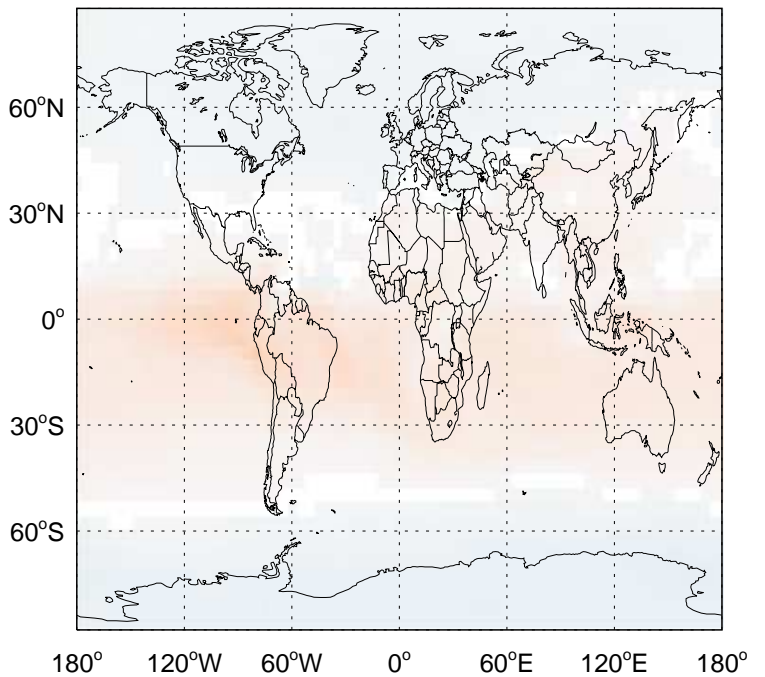
v11-02d / v11-02a

ASOAN / Ratio @ Surface for Oct



v11-02d / v11-02a

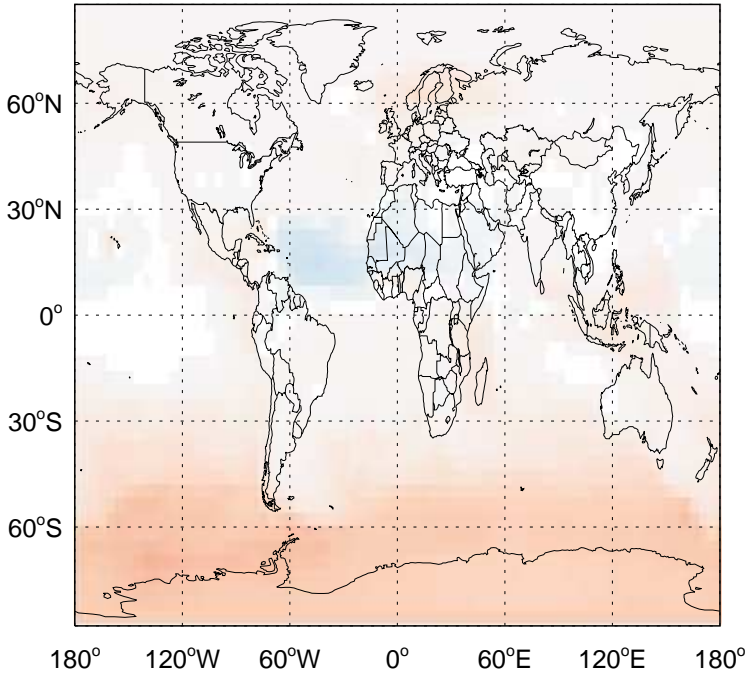
ASOAN/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

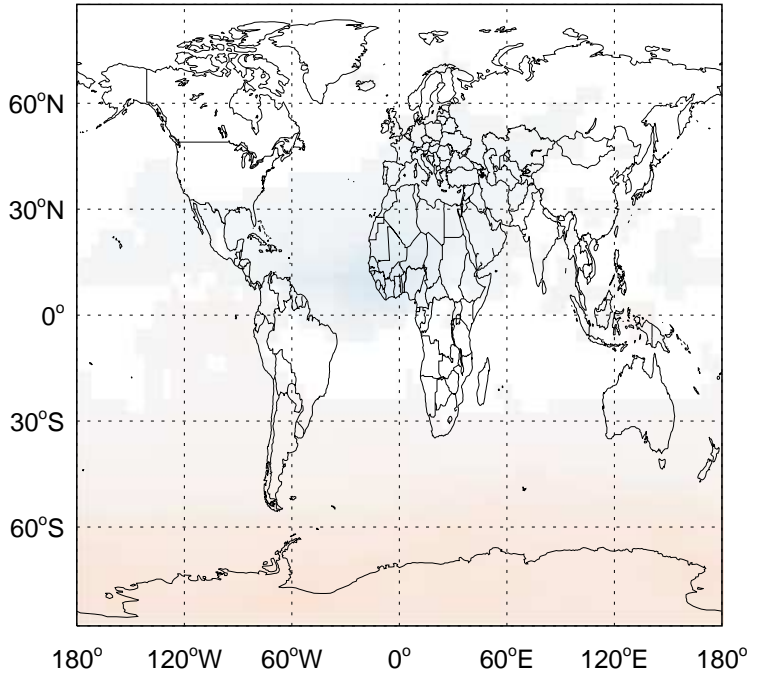
v11-02d / v11-02c

ASOA1 / Ratio @ Surface for Oct



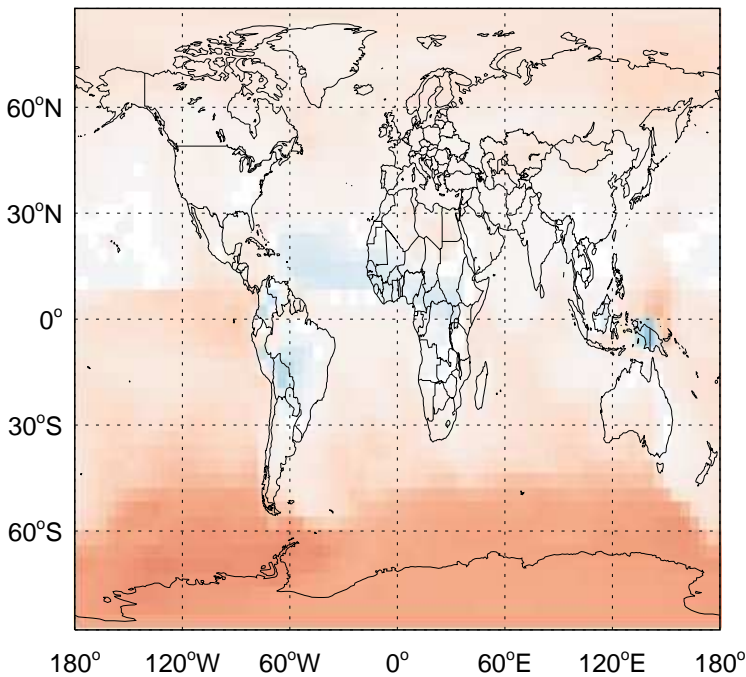
v11-02d / v11-02c

ASOA1/ Ratio @ 500 hPa for Oct



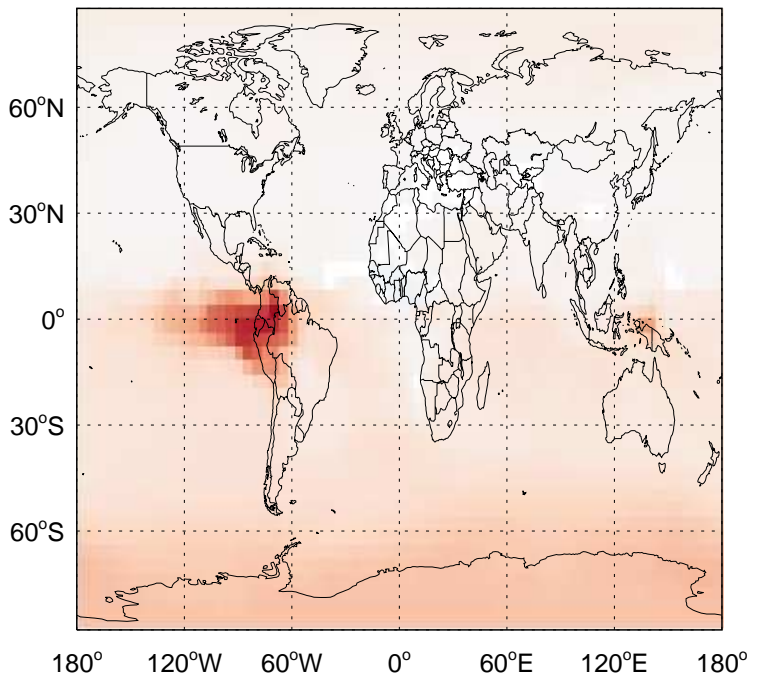
v11-02d / v11-02a

ASOA1 / Ratio @ Surface for Oct



v11-02d / v11-02a

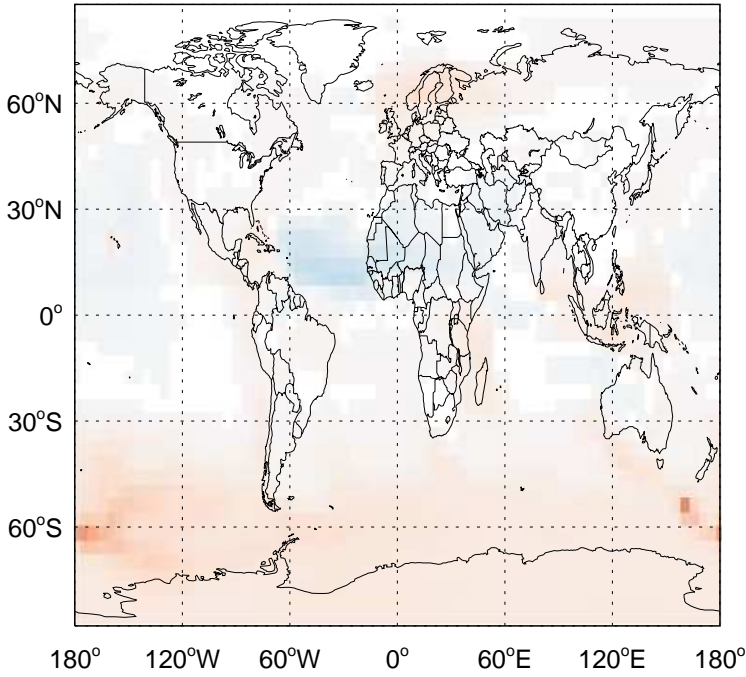
ASOA1/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

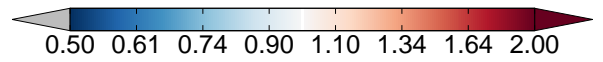
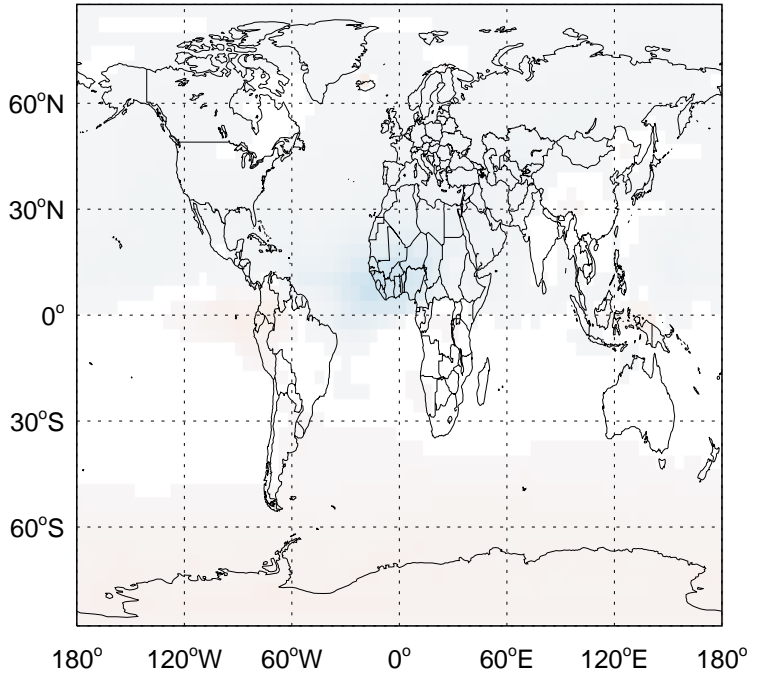
v11-02d / v11-02c

ASOA2 / Ratio @ Surface for Oct



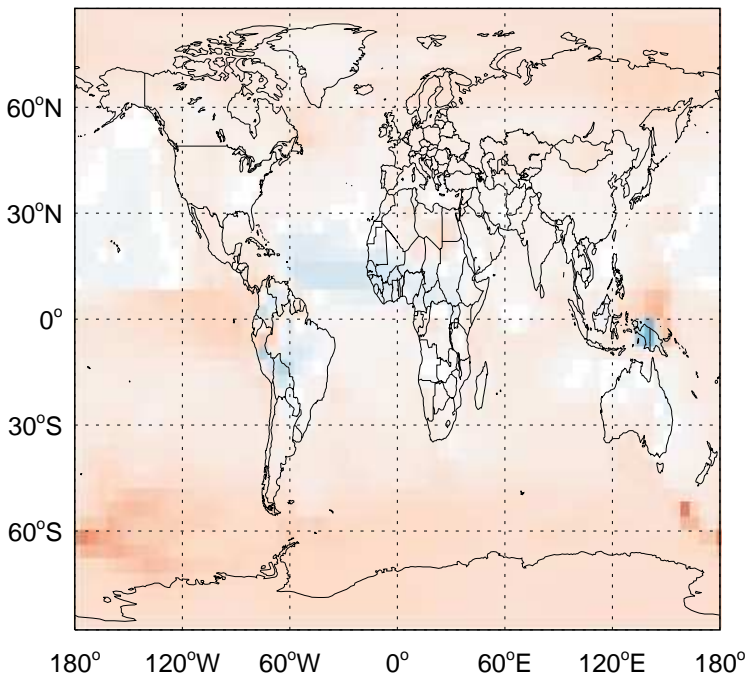
v11-02d / v11-02c

ASOA2/ Ratio @ 500 hPa for Oct



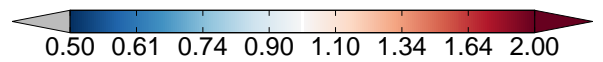
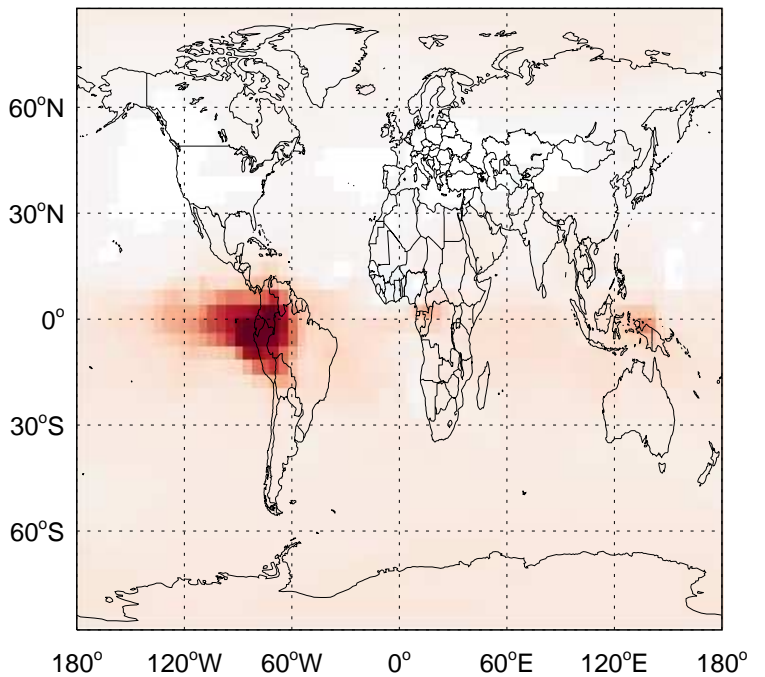
v11-02d / v11-02a

ASOA2 / Ratio @ Surface for Oct



v11-02d / v11-02a

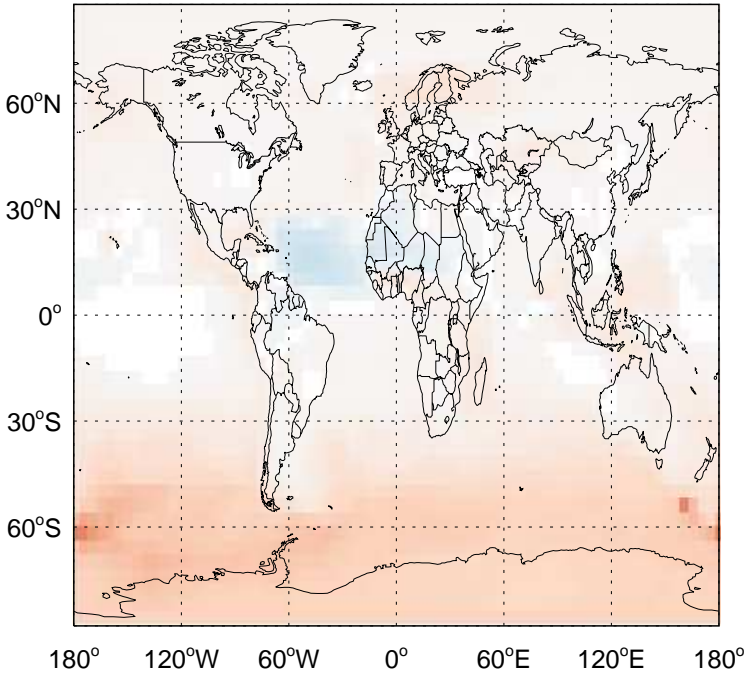
ASOA2/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

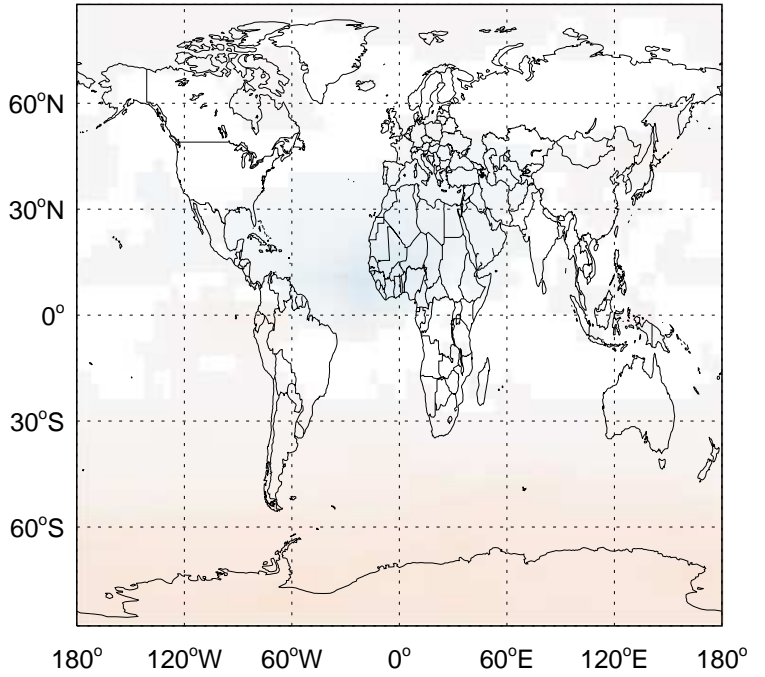
v11-02d / v11-02c

ASOA3 / Ratio @ Surface for Oct



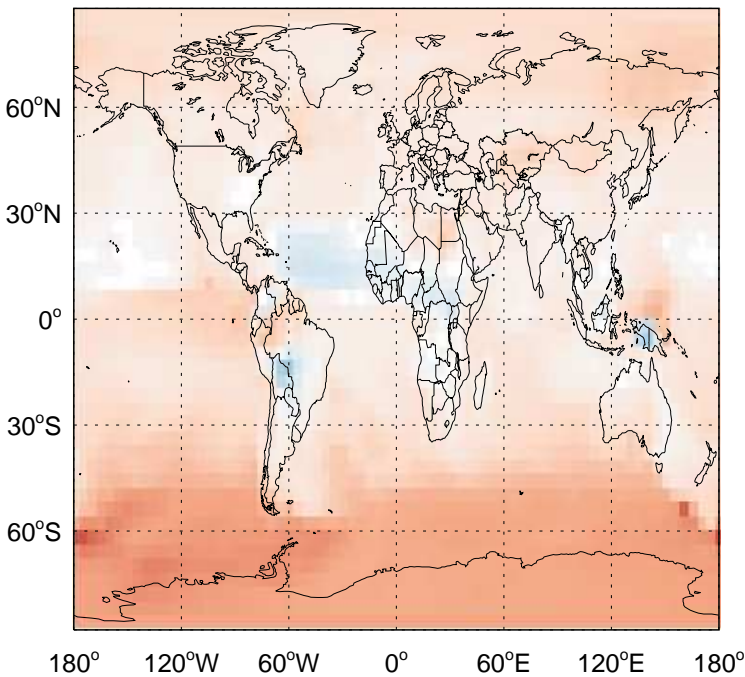
v11-02d / v11-02c

ASOA3/ Ratio @ 500 hPa for Oct



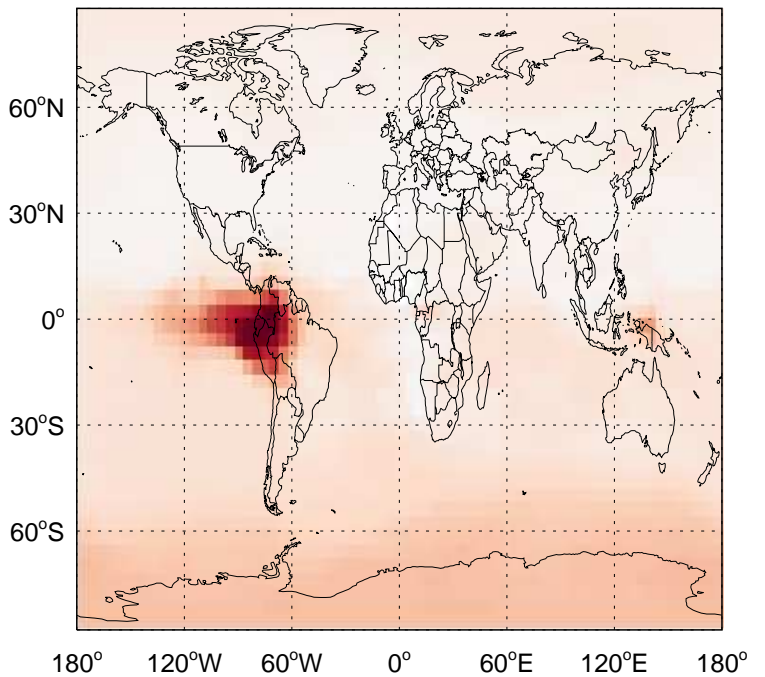
v11-02d / v11-02a

ASOA3 / Ratio @ Surface for Oct



v11-02d / v11-02a

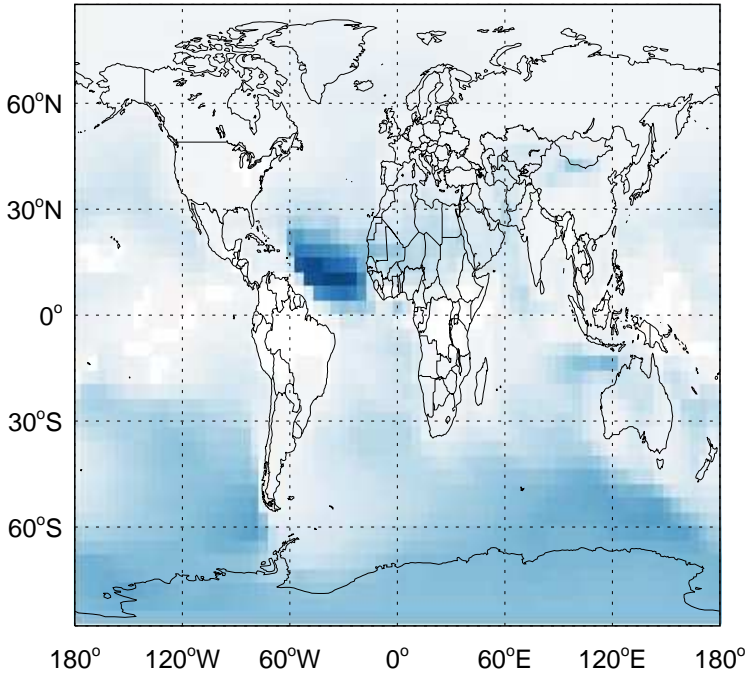
ASOA3/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

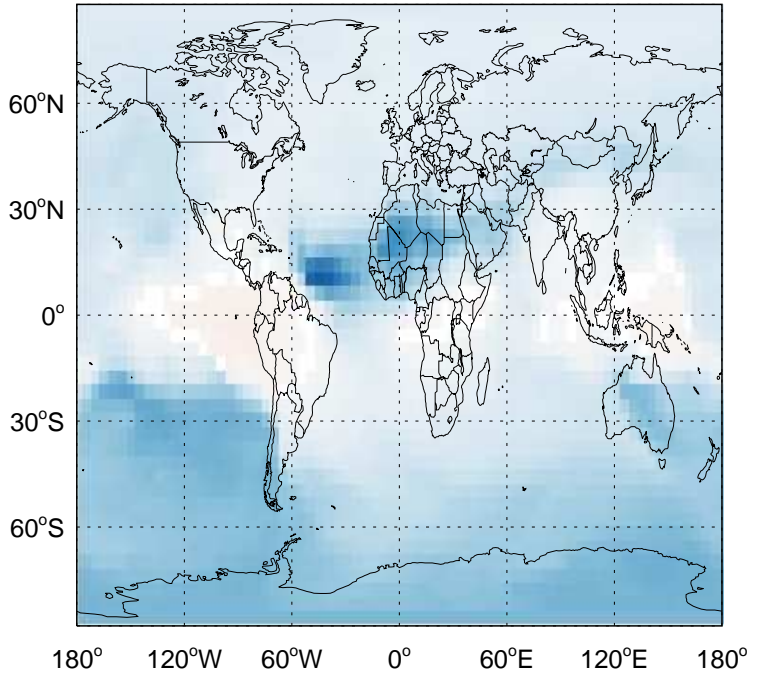
v11-02d / v11-02c

EOH / Ratio @ Surface for Oct



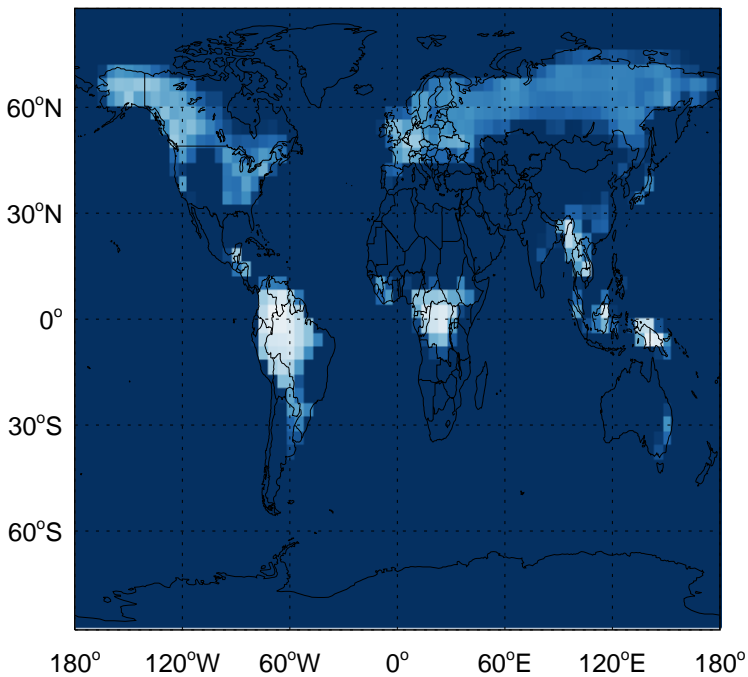
v11-02d / v11-02c

EOH/ Ratio @ 500 hPa for Oct



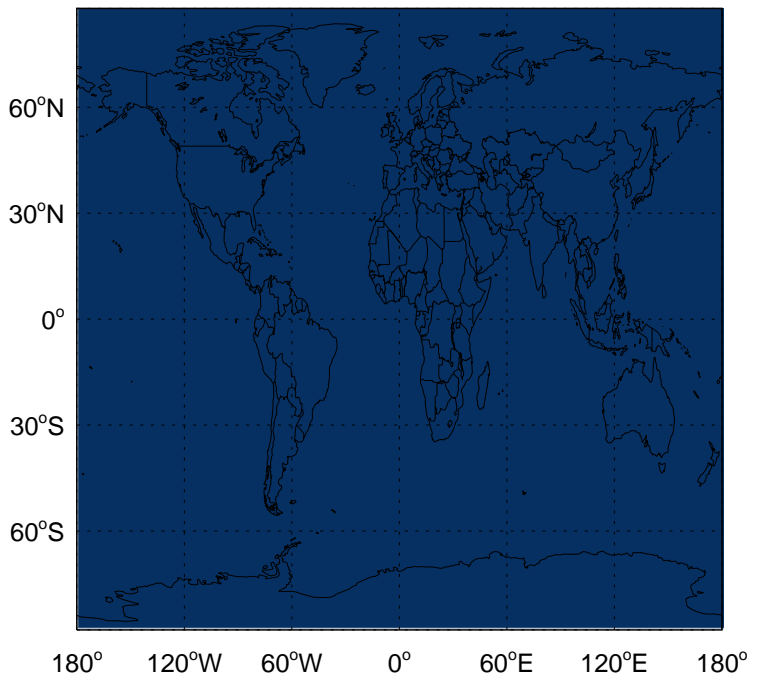
v11-02d / v11-02a

EOH / Ratio @ Surface for Oct



v11-02d / v11-02a

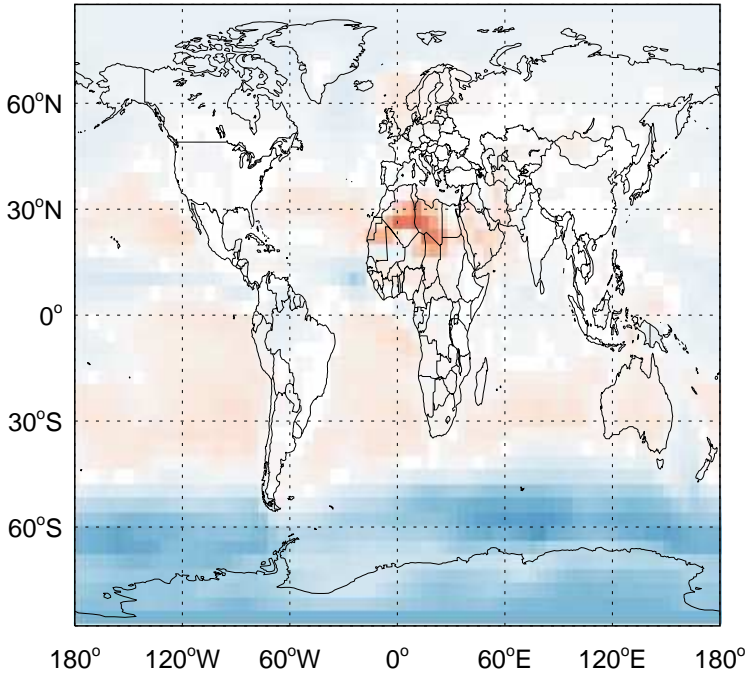
EOH/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

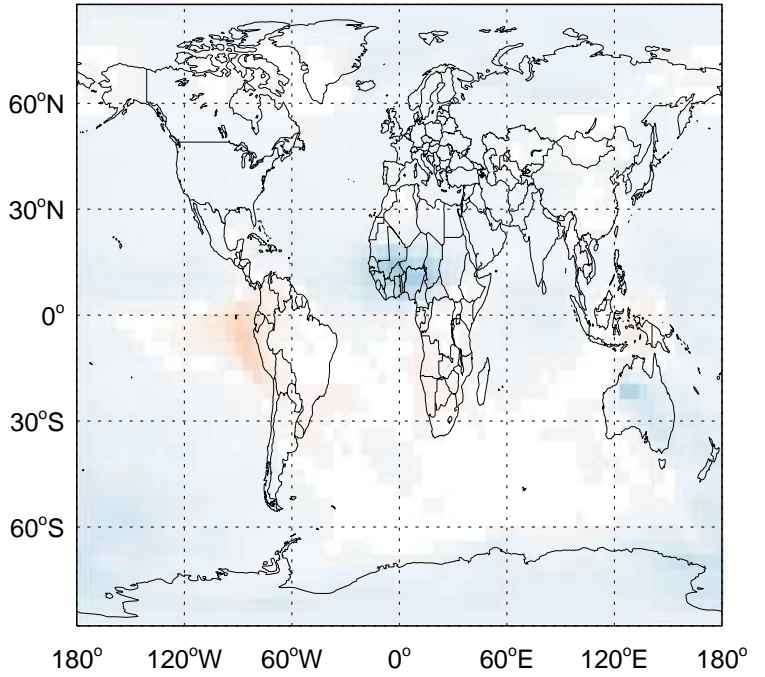
v11-02d / v11-02c

MGLY / Ratio @ Surface for Oct



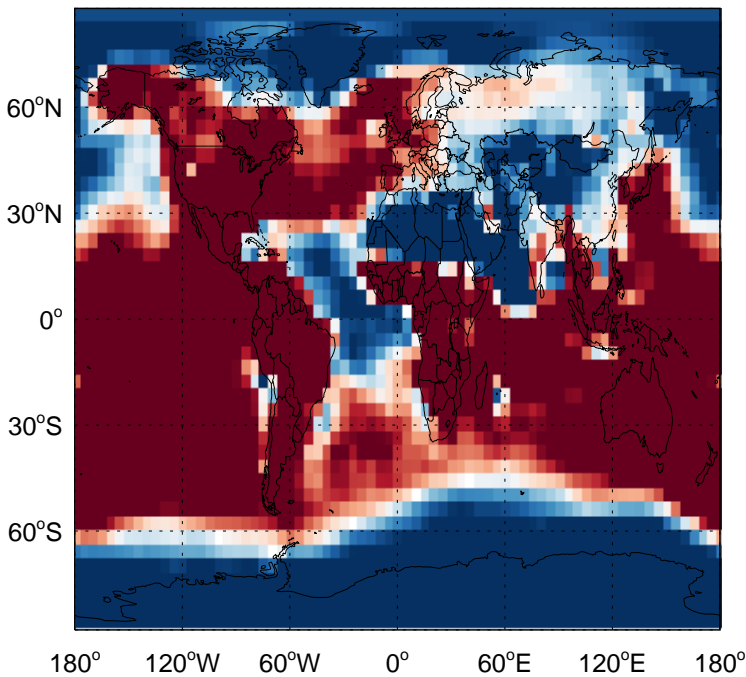
v11-02d / v11-02c

MGLY/ Ratio @ 500 hPa for Oct



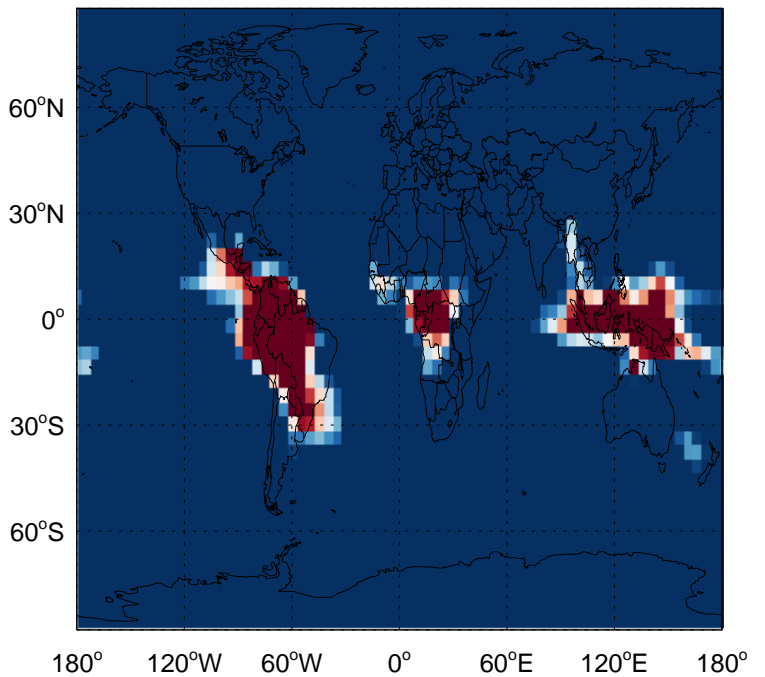
v11-02d / v11-02a

MGLY / Ratio @ Surface for Oct



v11-02d / v11-02a

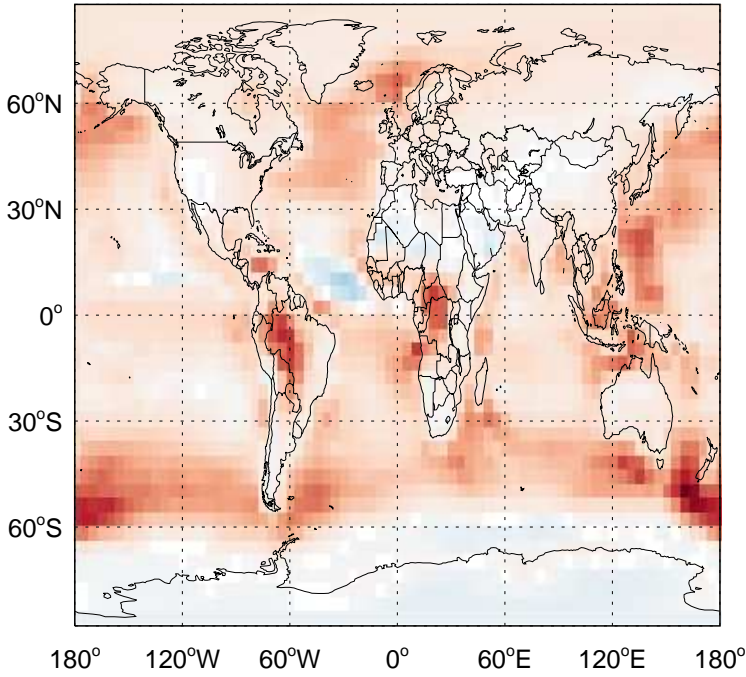
MGLY/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

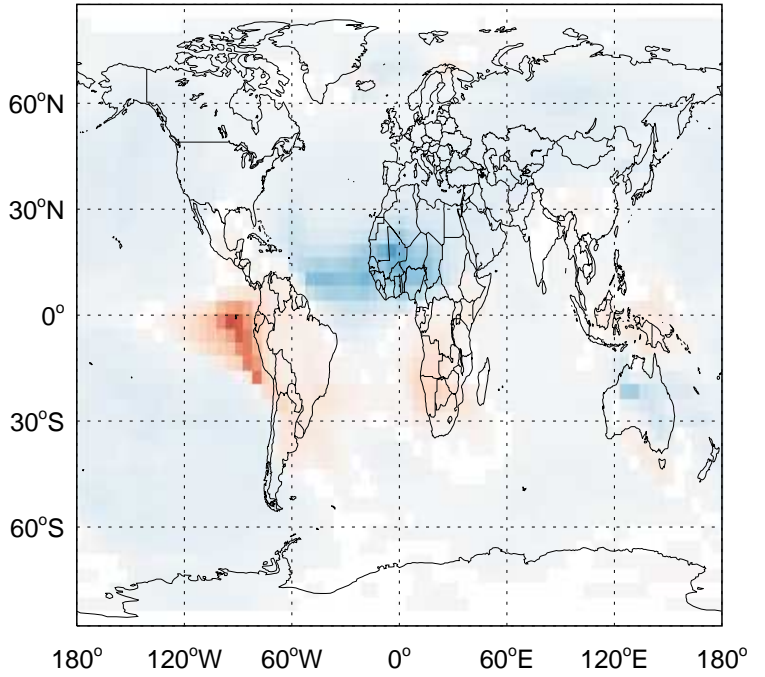
v11-02d / v11-02c

GLYX / Ratio @ Surface for Oct



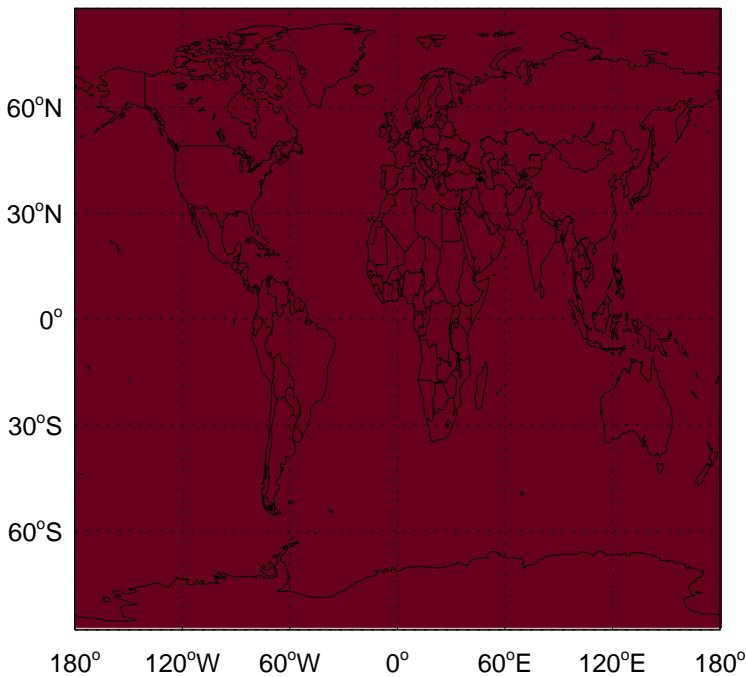
v11-02d / v11-02c

GLYX/ Ratio @ 500 hPa for Oct



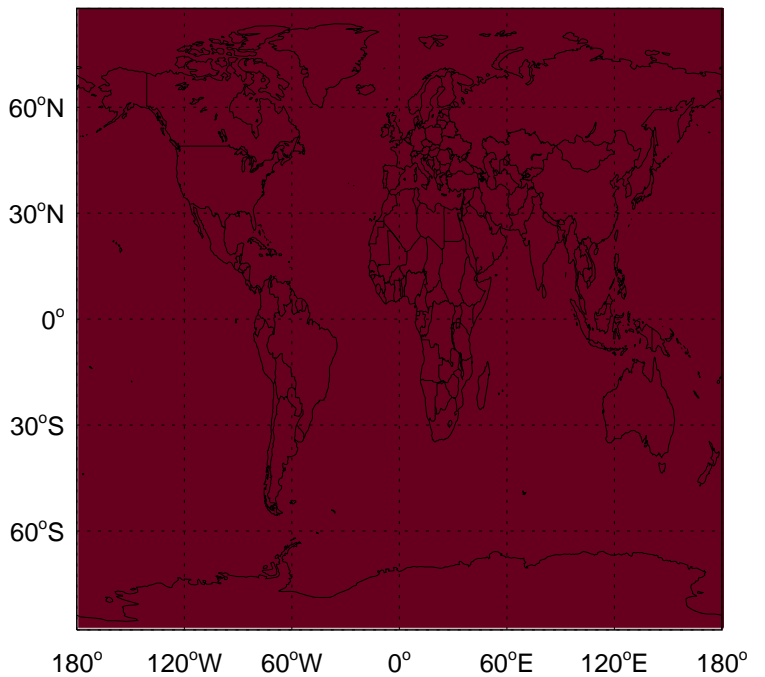
v11-02d / v11-02a

GLYX / Ratio @ Surface for Oct



v11-02d / v11-02a

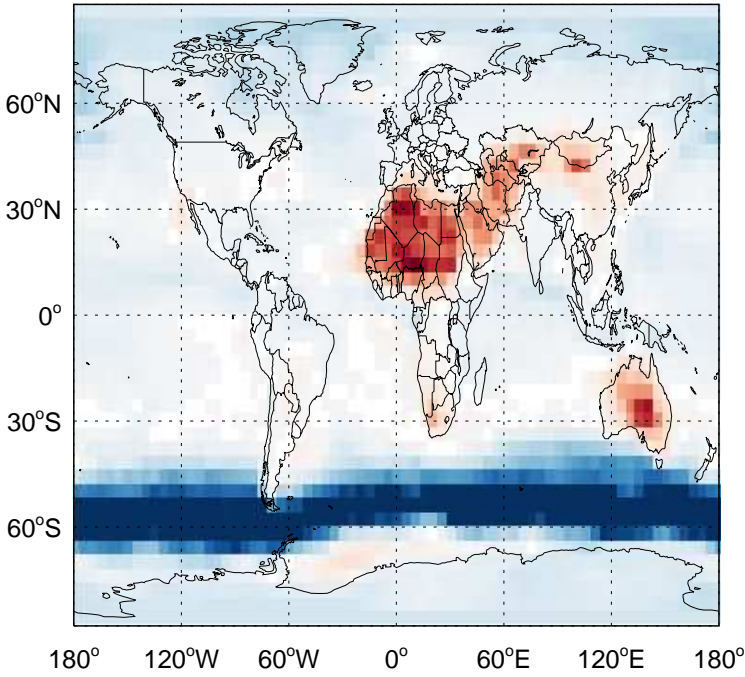
GLYX/ Ratio @ 500 hPa for Oct



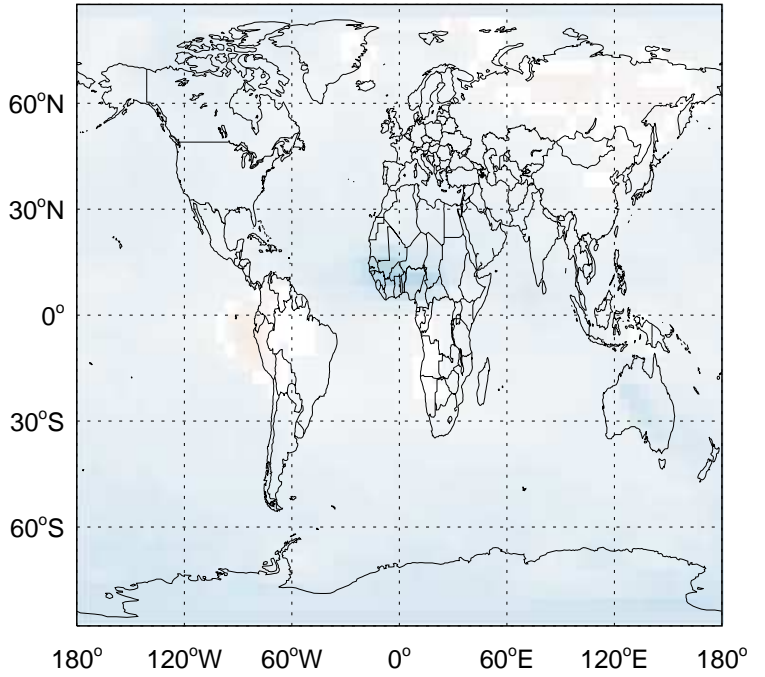


# GEOS-Chem Ratio Maps at surface and 500 hPa

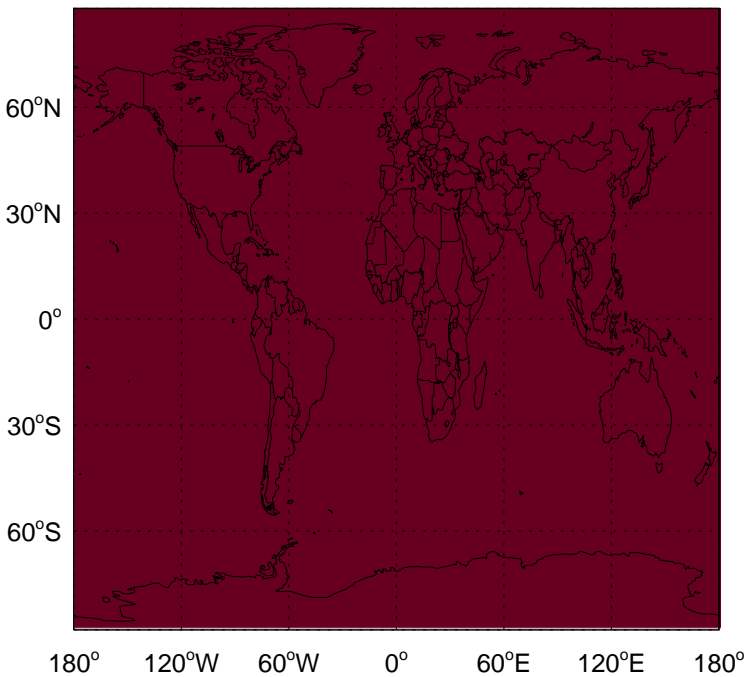
v11-02d / v11-02c  
ACTA / Ratio @ Surface for Oct



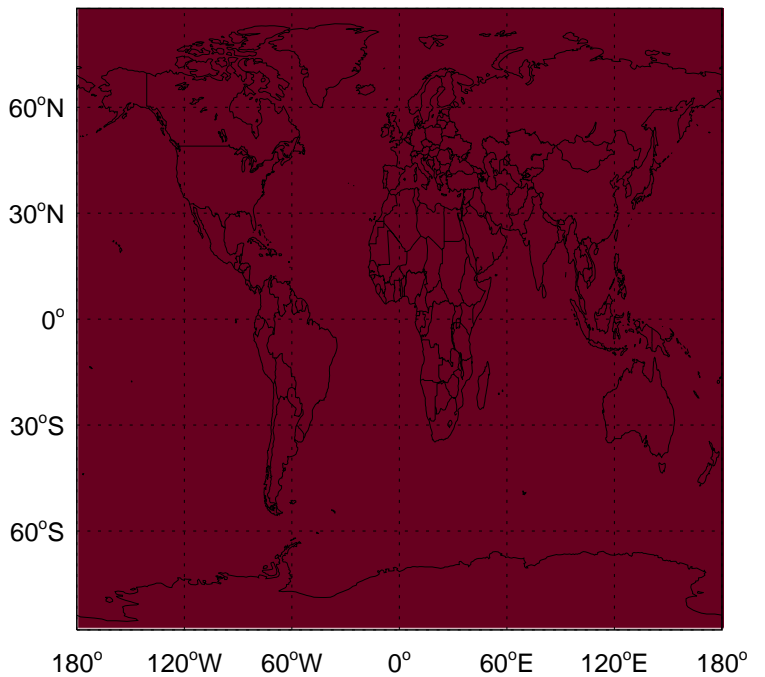
v11-02d / v11-02c  
ACTA/ Ratio @ 500 hPa for Oct



v11-02d / v11-02a  
ACTA / Ratio @ Surface for Oct



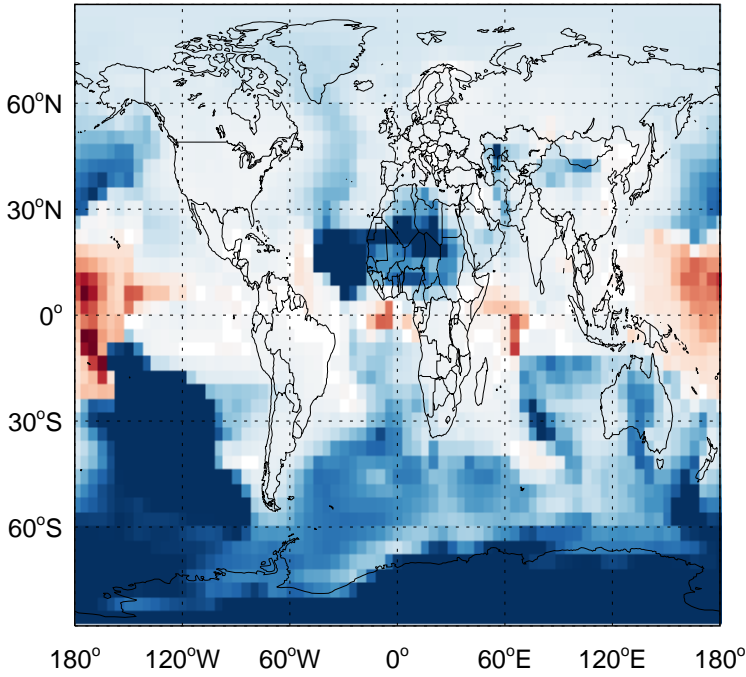
v11-02d / v11-02a  
ACTA/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

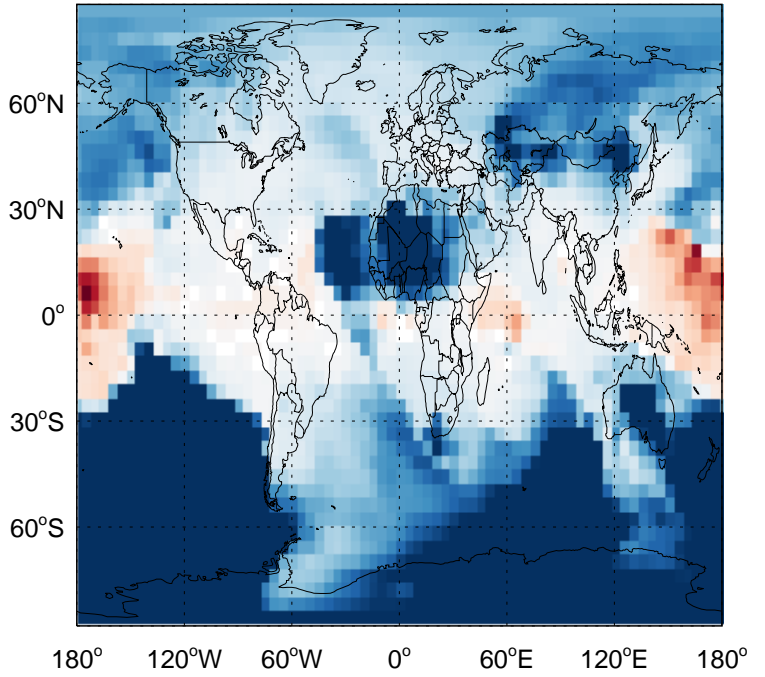
v11-02d / v11-02c

HPALD / Ratio @ Surface for Oct



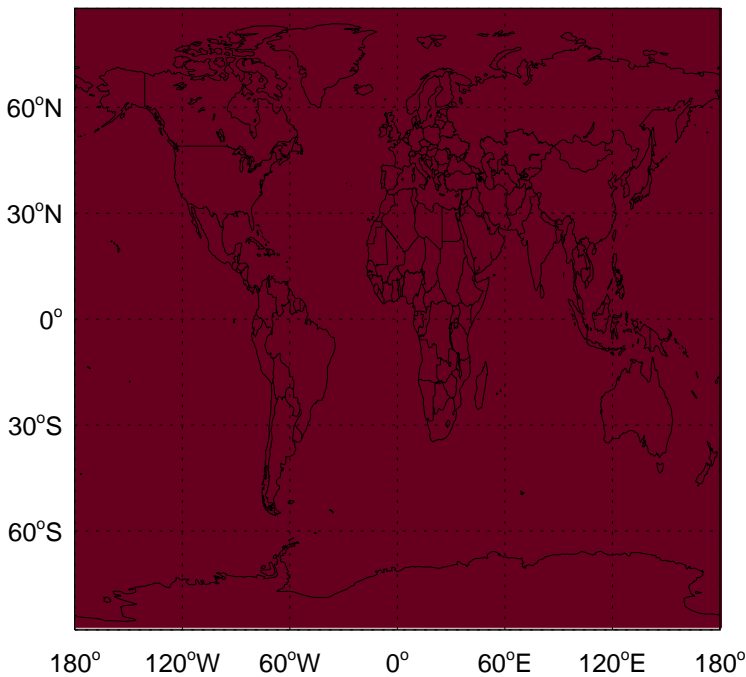
v11-02d / v11-02c

HPALD/ Ratio @ 500 hPa for Oct



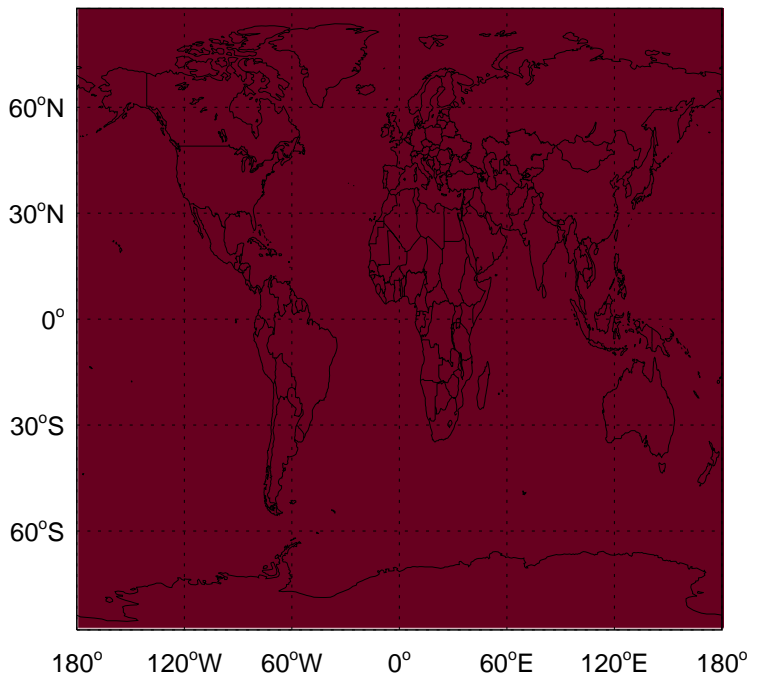
v11-02d / v11-02a

HPALD / Ratio @ Surface for Oct



v11-02d / v11-02a

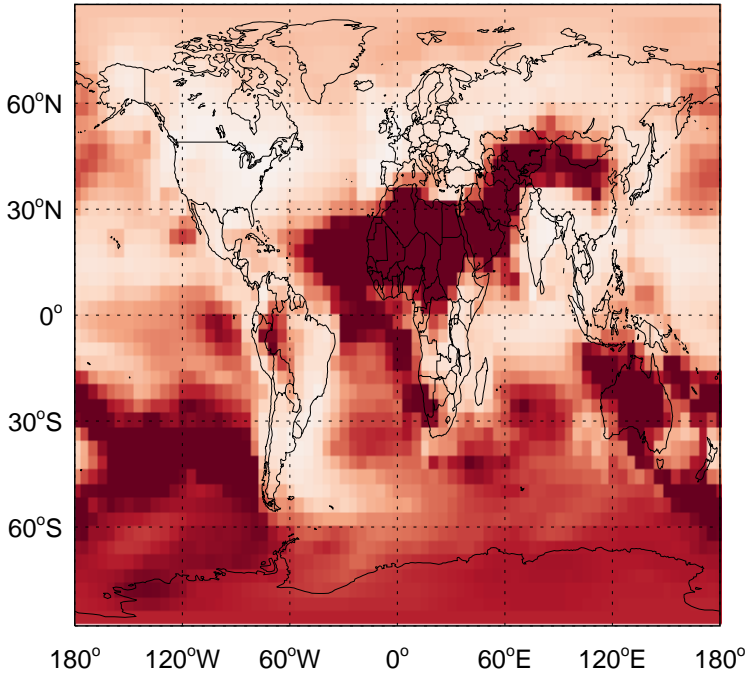
HPALD/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

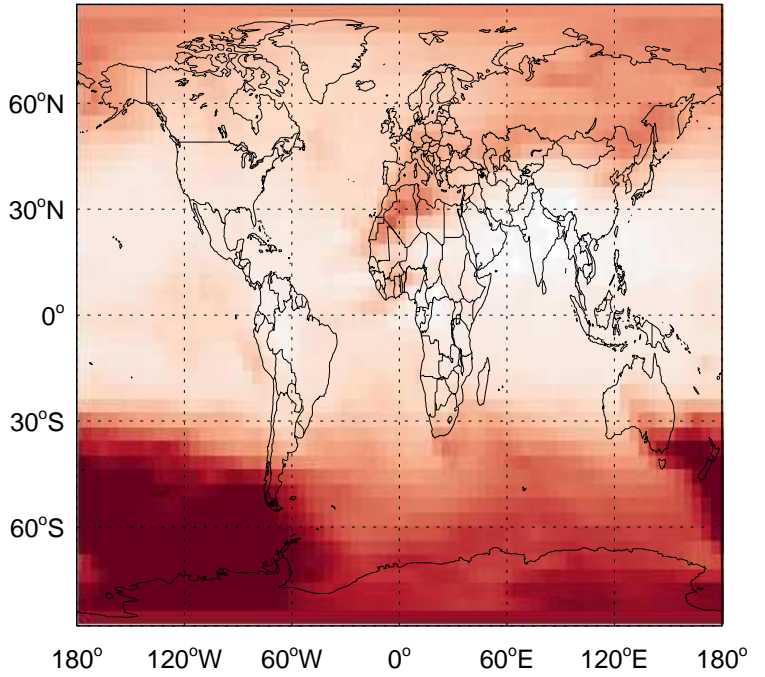
v11-02d / v11-02c

DHDN / Ratio @ Surface for Oct



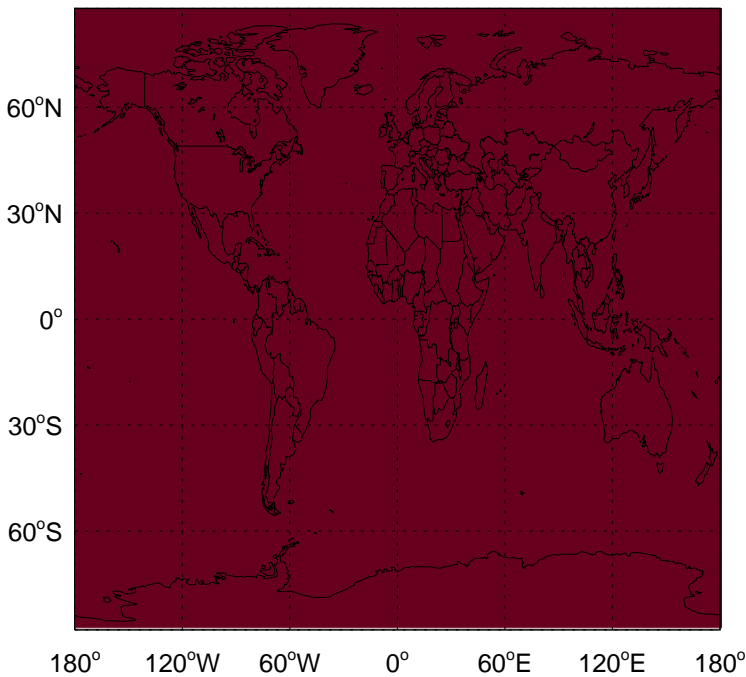
v11-02d / v11-02c

DHDN/ Ratio @ 500 hPa for Oct



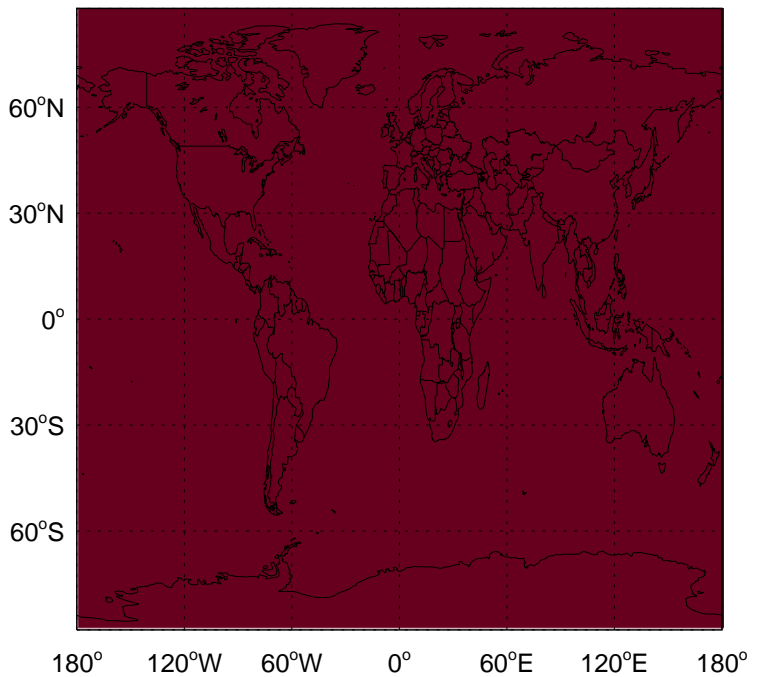
v11-02d / v11-02a

DHDN / Ratio @ Surface for Oct



v11-02d / v11-02a

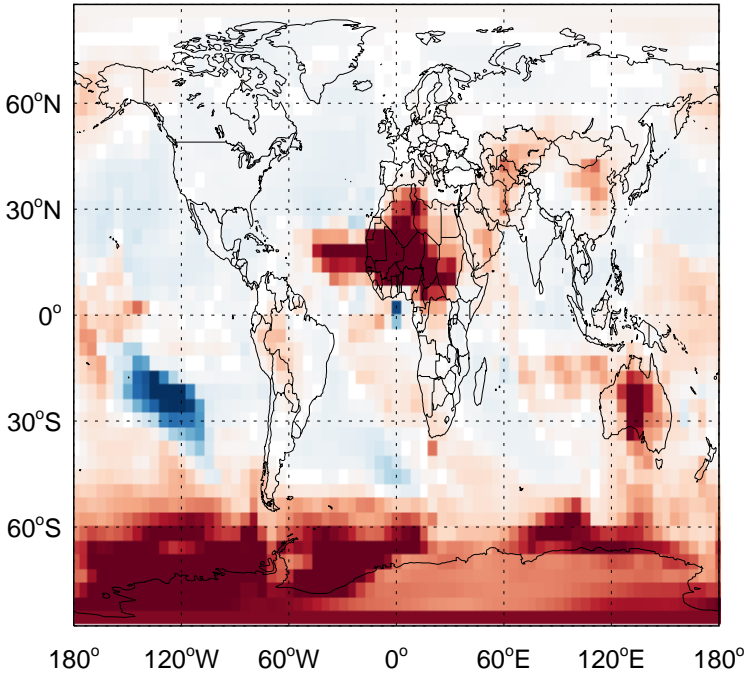
DHDN/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

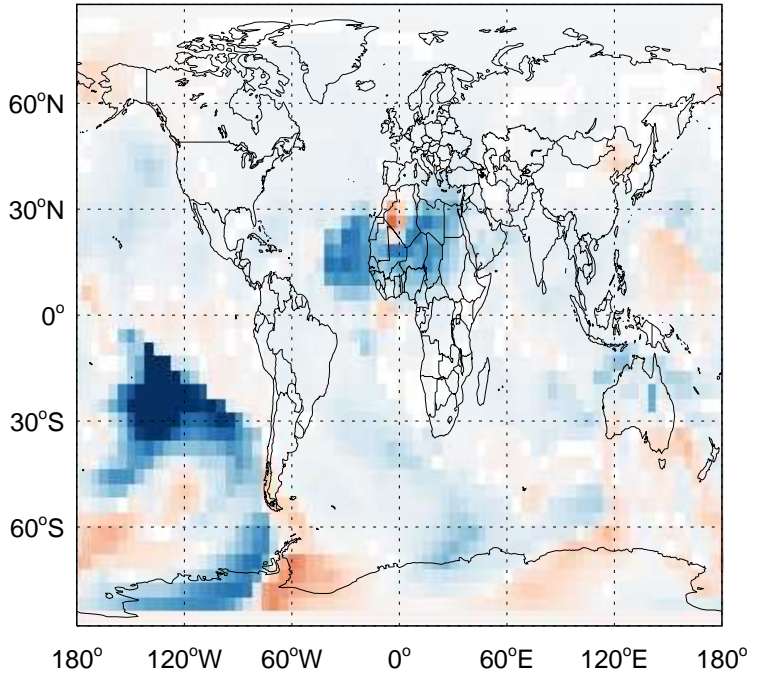
v11-02d / v11-02c

ETHLN / Ratio @ Surface for Oct



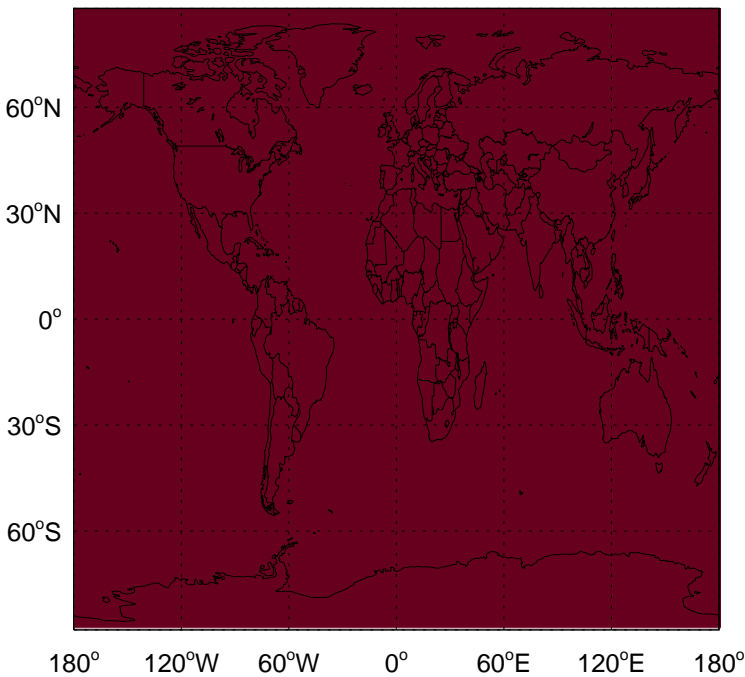
v11-02d / v11-02c

ETHLN/ Ratio @ 500 hPa for Oct



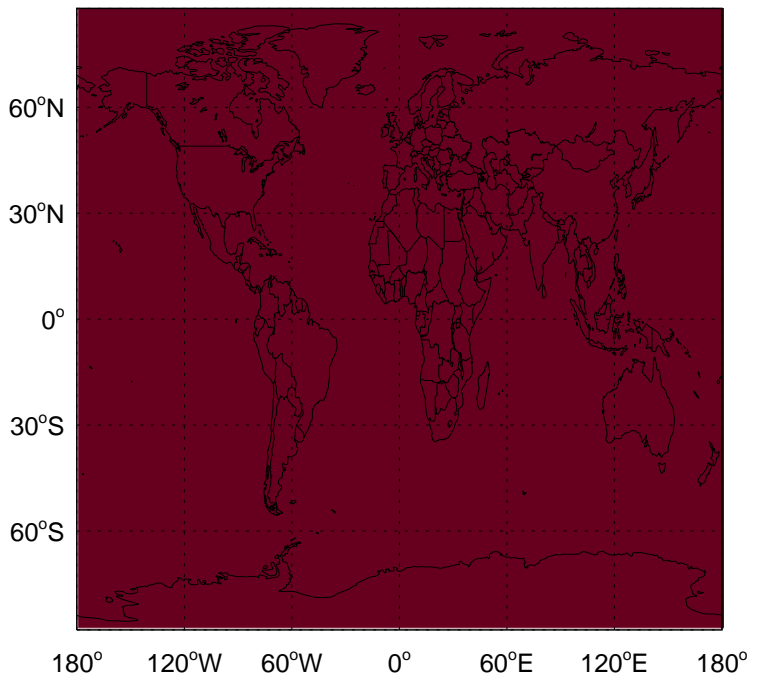
v11-02d / v11-02a

ETHLN / Ratio @ Surface for Oct



v11-02d / v11-02a

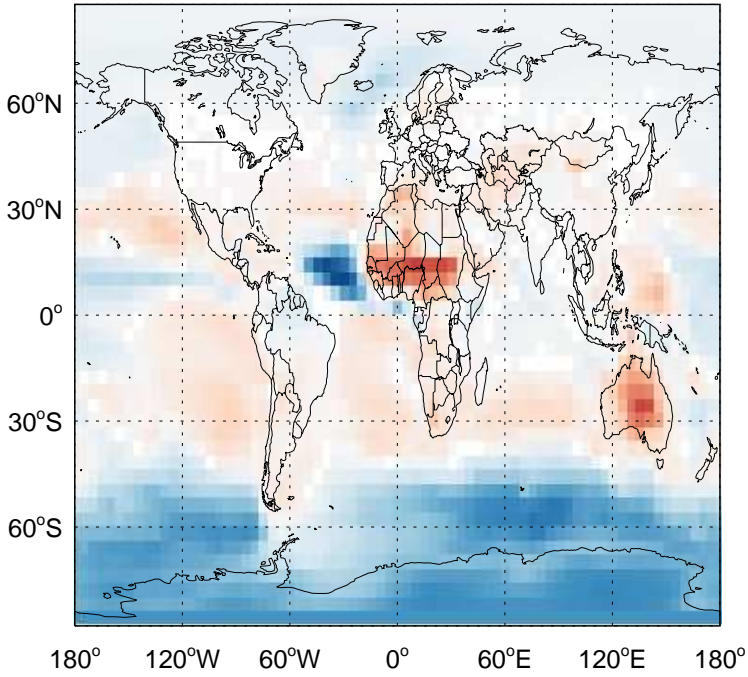
ETHLN/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

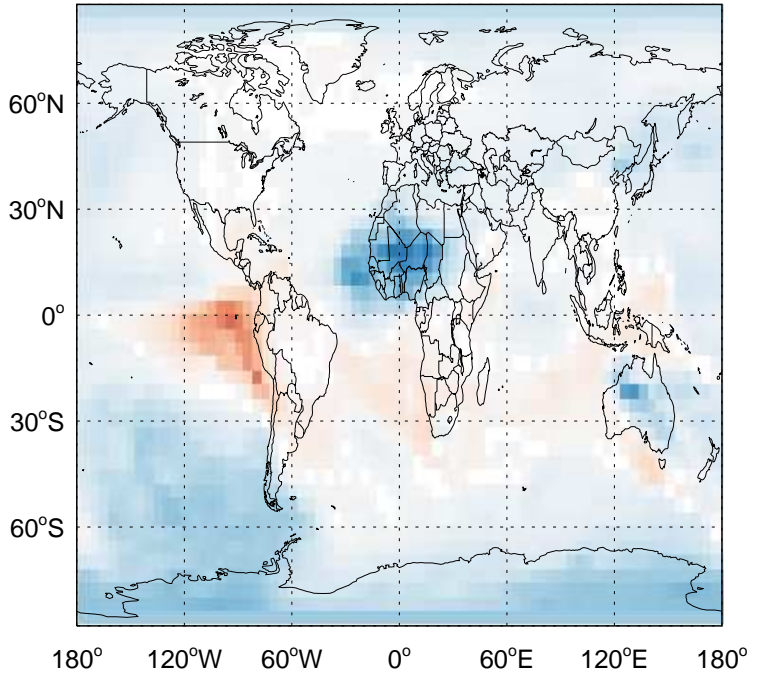
v11-02d / v11-02c

HCOOH / Ratio @ Surface for Oct



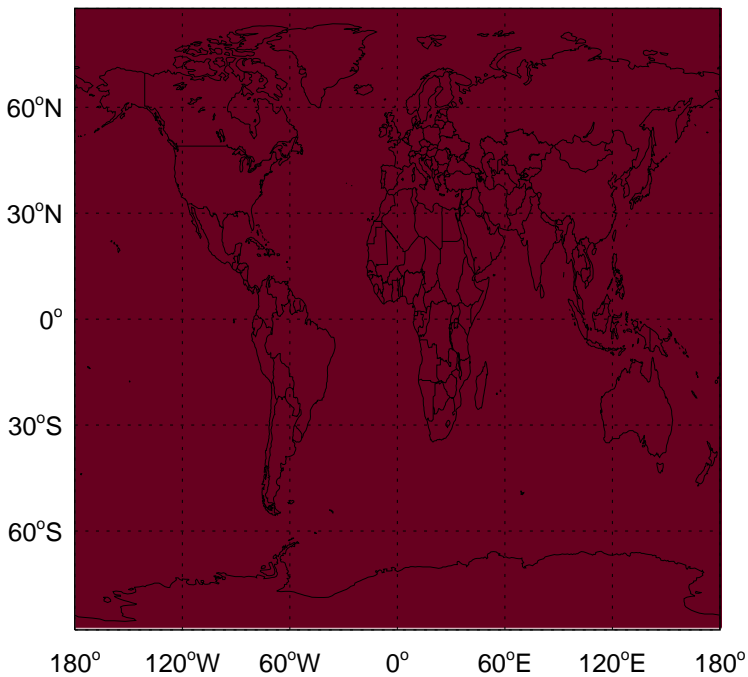
v11-02d / v11-02c

HCOOH / Ratio @ 500 hPa for Oct



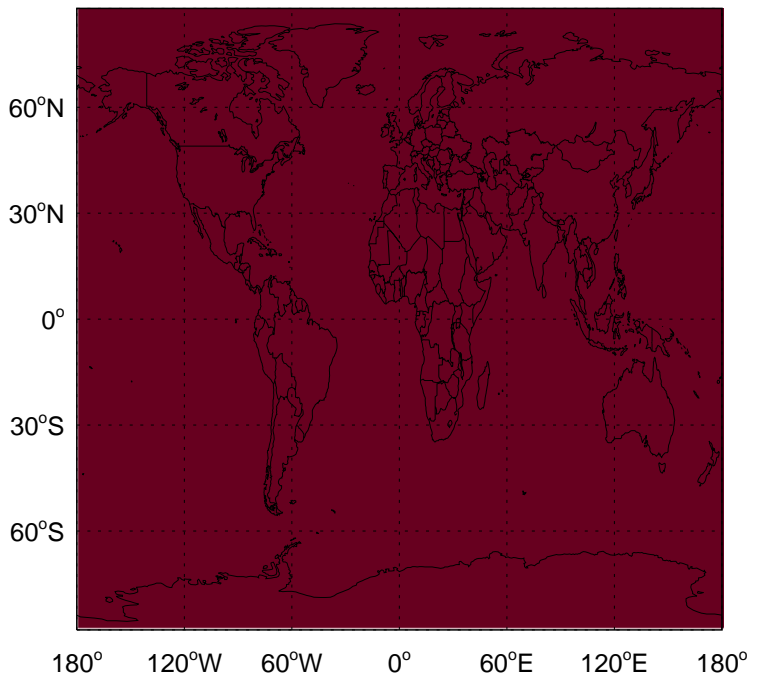
v11-02d / v11-02a

HCOOH / Ratio @ Surface for Oct



v11-02d / v11-02a

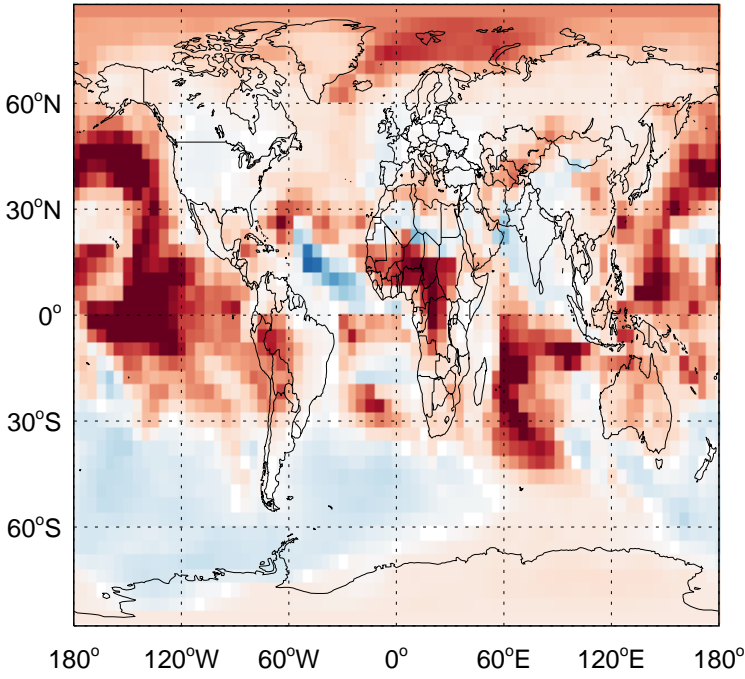
HCOOH / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

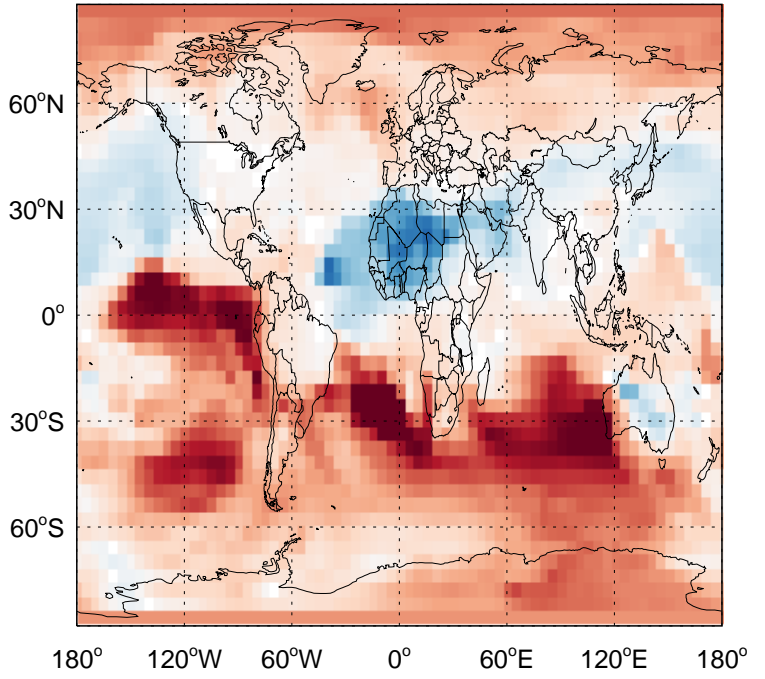
v11-02d / v11-02c

IEPOXA / Ratio @ Surface for Oct



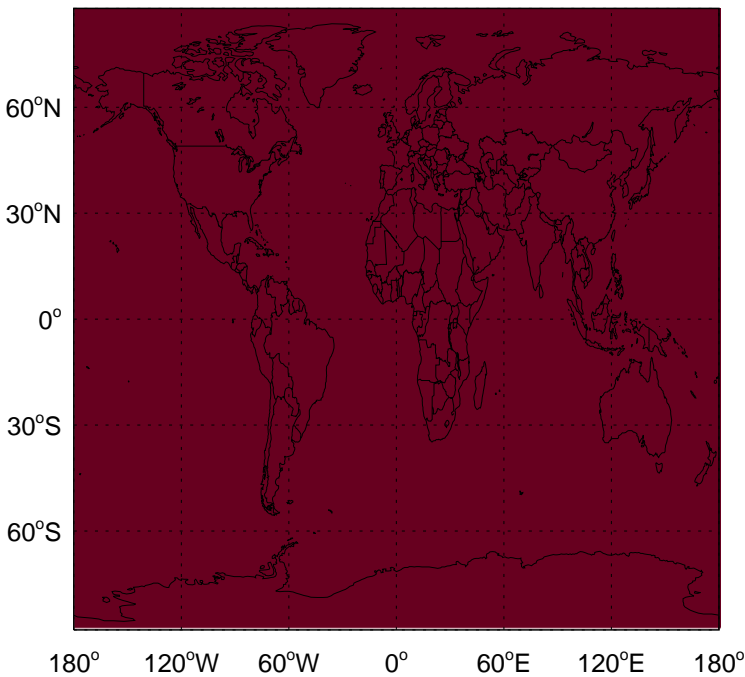
v11-02d / v11-02c

IEPOXA / Ratio @ 500 hPa for Oct



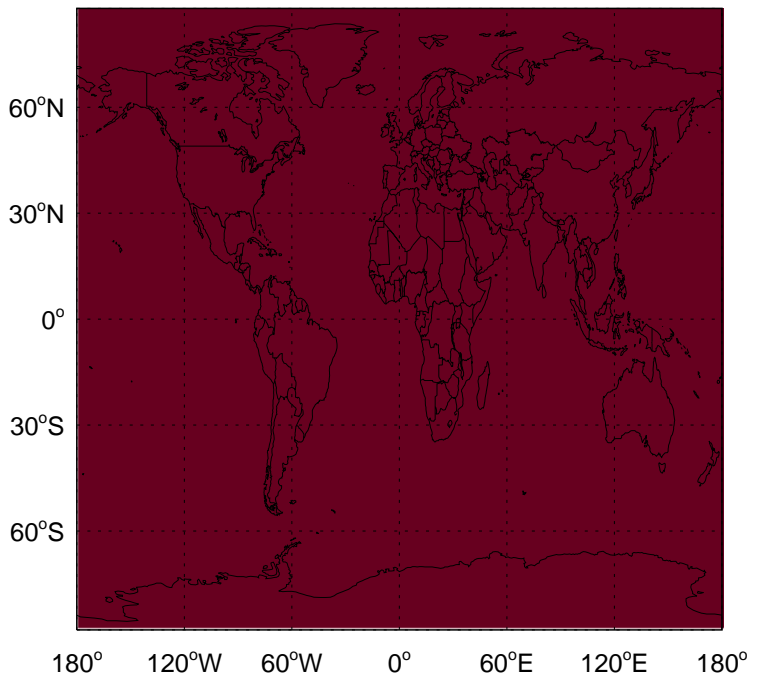
v11-02d / v11-02a

IEPOXA / Ratio @ Surface for Oct



v11-02d / v11-02a

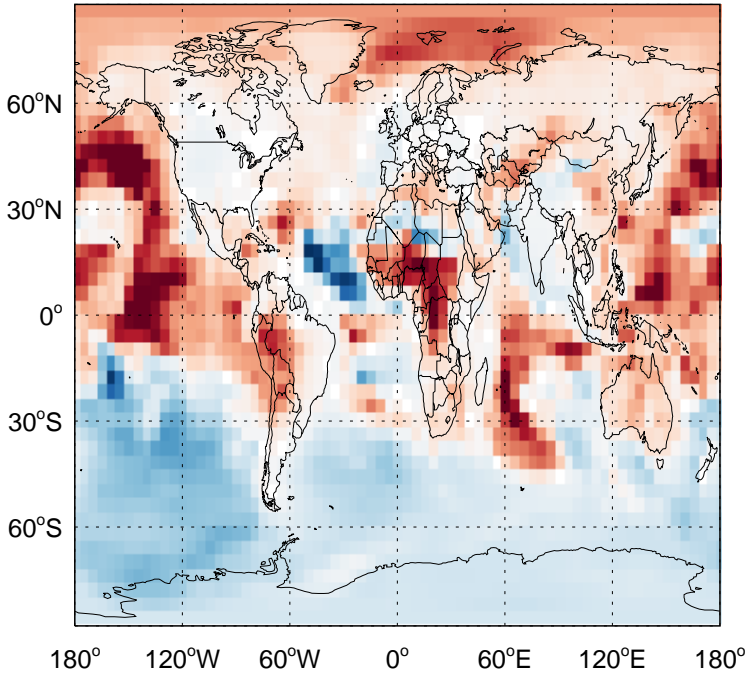
IEPOXA / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

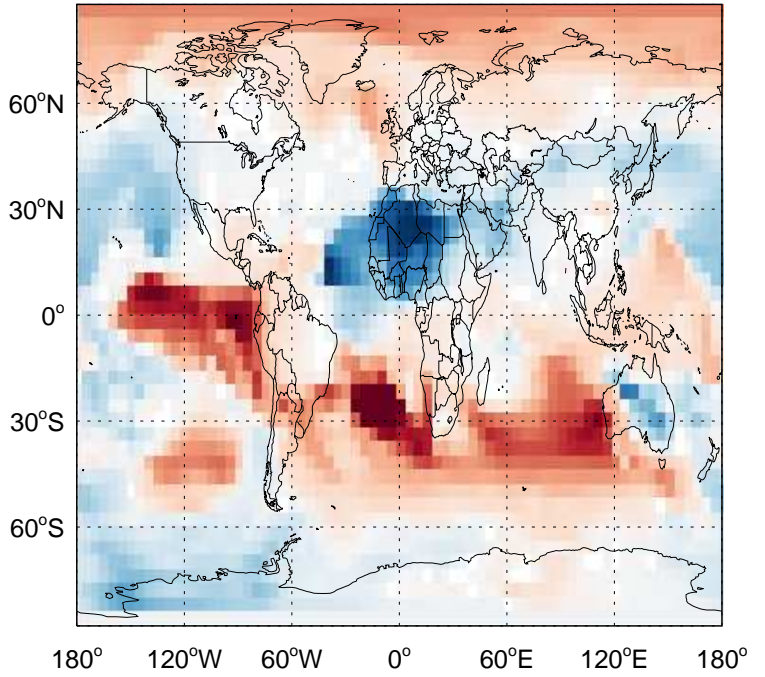
v11-02d / v11-02c

IEPOXB / Ratio @ Surface for Oct



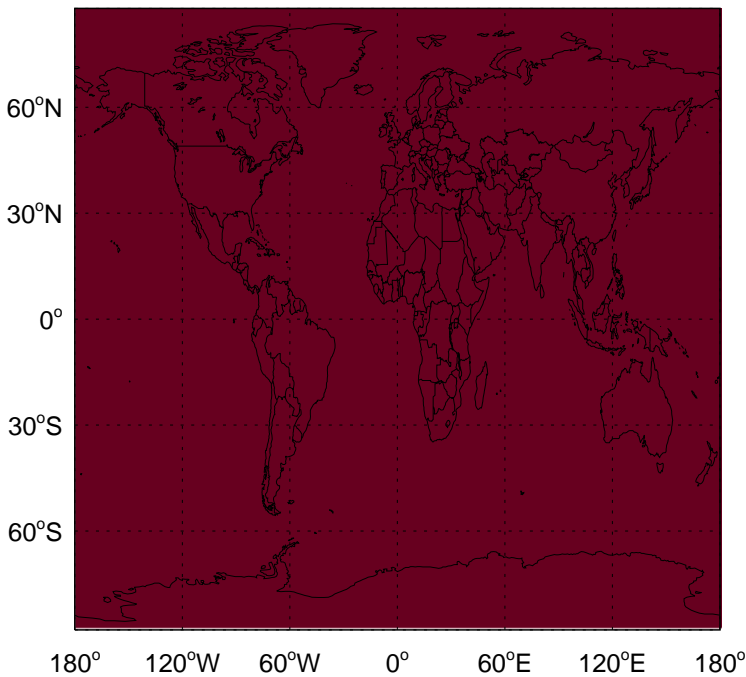
v11-02d / v11-02c

IEPOXB/ Ratio @ 500 hPa for Oct



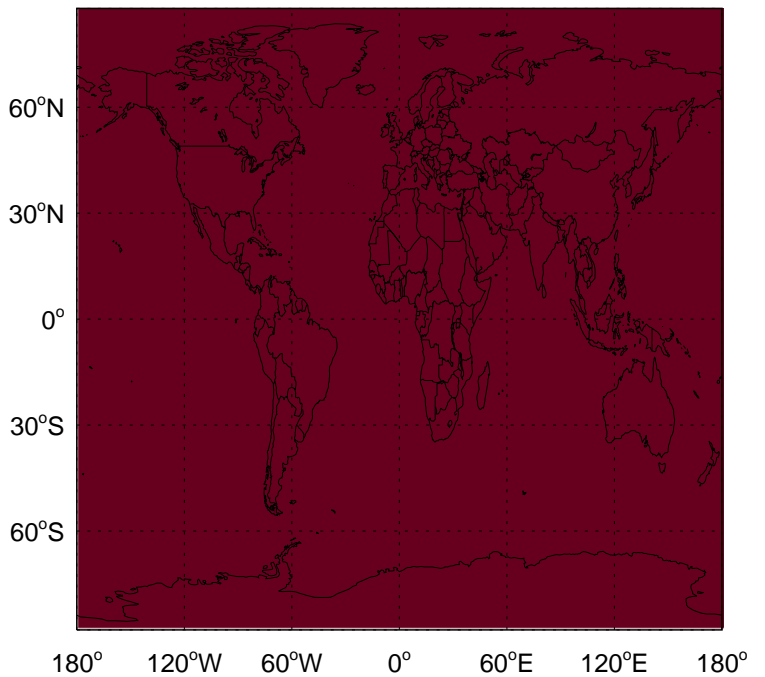
v11-02d / v11-02a

IEPOXB / Ratio @ Surface for Oct



v11-02d / v11-02a

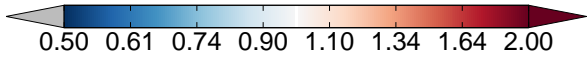
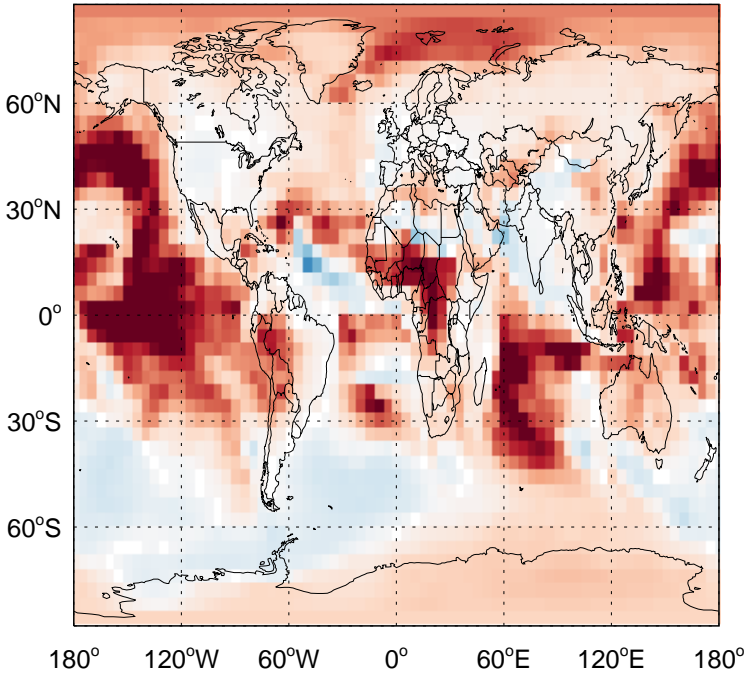
IEPOXB/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

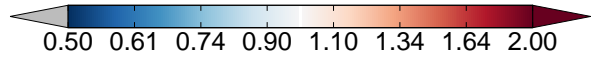
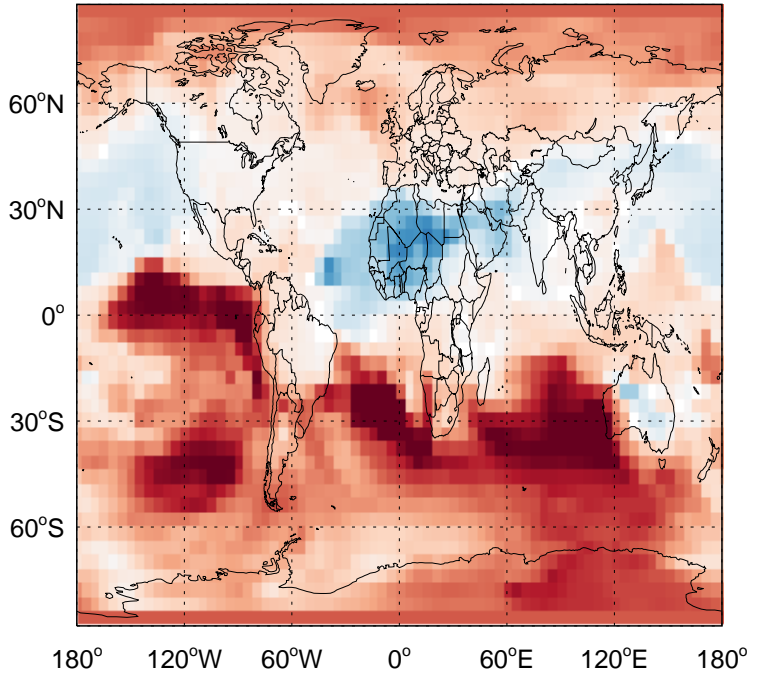
v11-02d / v11-02c

IEPOXD / Ratio @ Surface for Oct



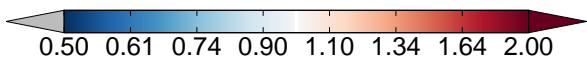
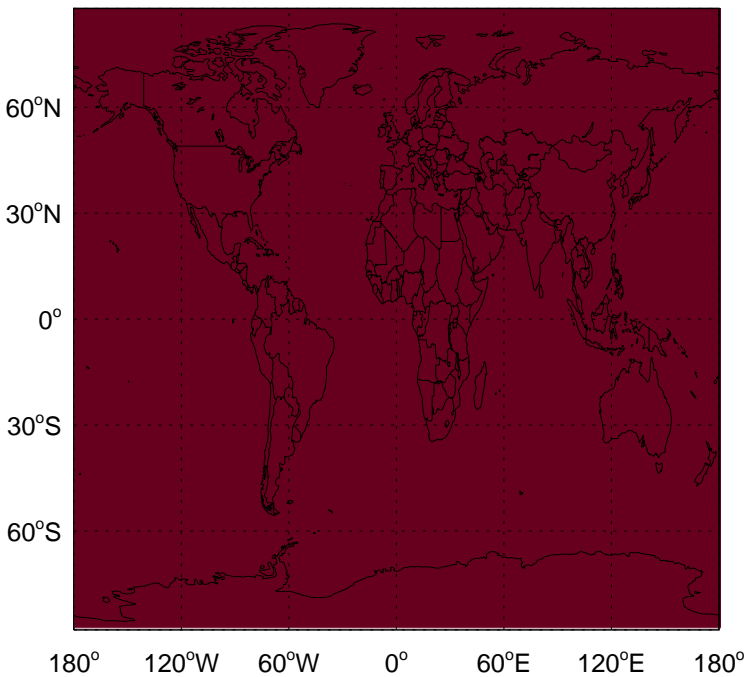
v11-02d / v11-02c

IEPOXD/ Ratio @ 500 hPa for Oct



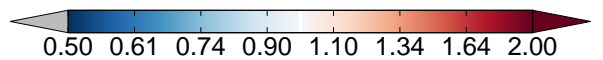
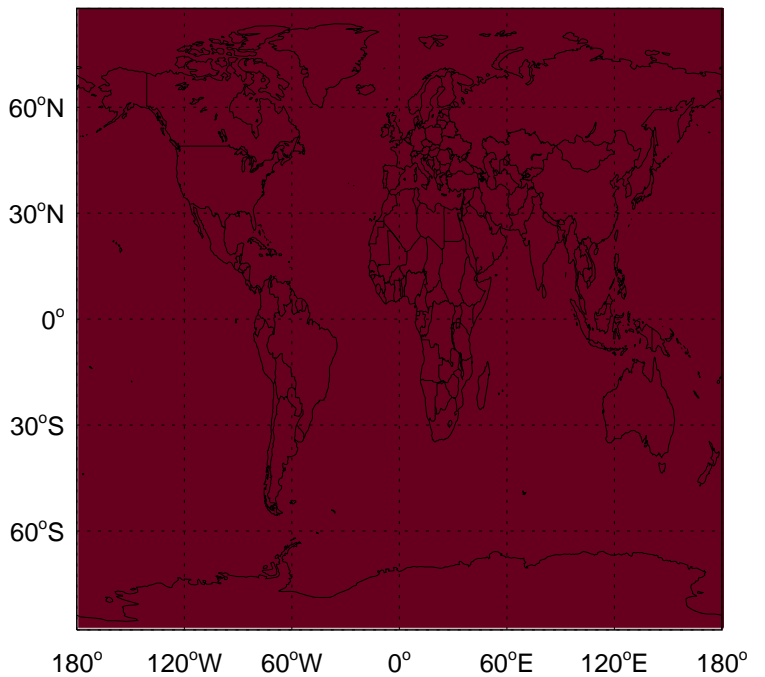
v11-02d / v11-02a

IEPOXD / Ratio @ Surface for Oct



v11-02d / v11-02a

IEPOXD/ Ratio @ 500 hPa for Oct

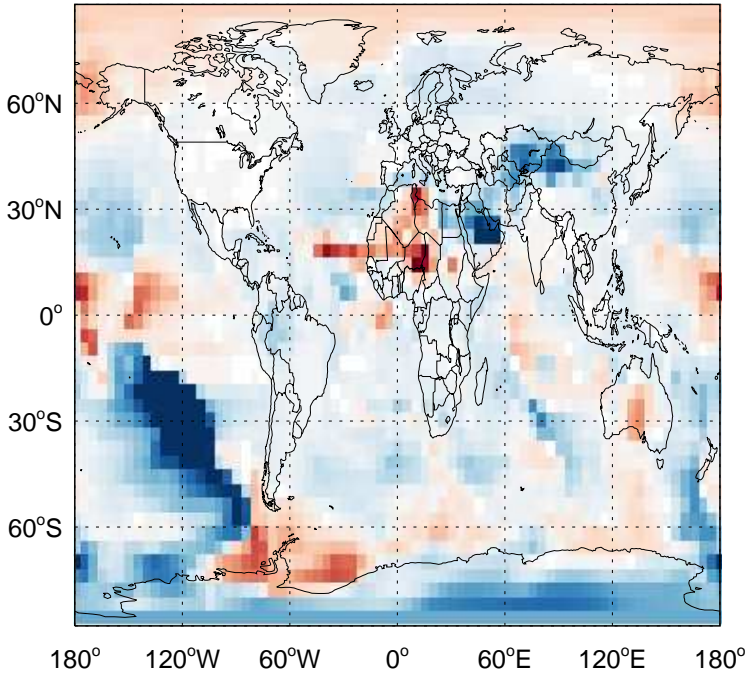




# GEOS-Chem Ratio Maps at surface and 500 hPa

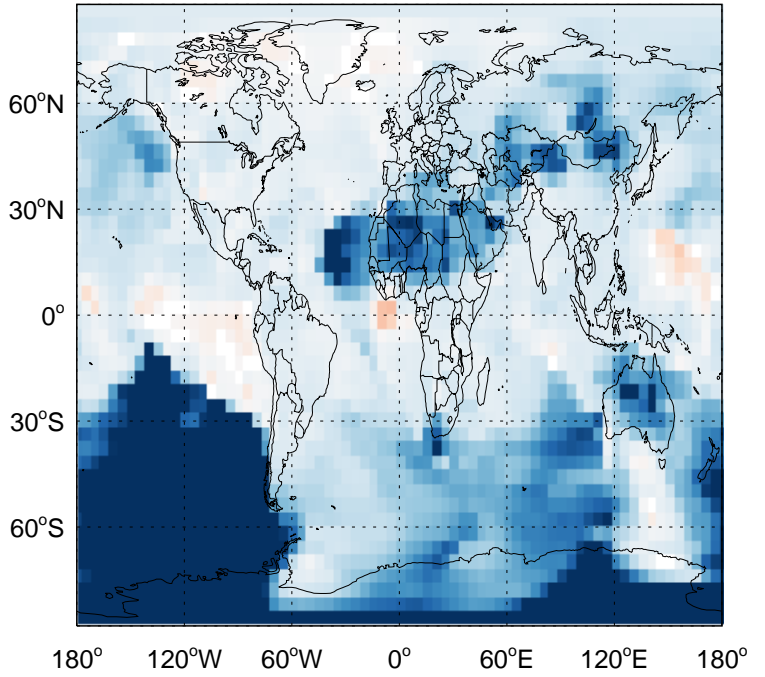
v11-02d / v11-02c

ISN1 / Ratio @ Surface for Oct



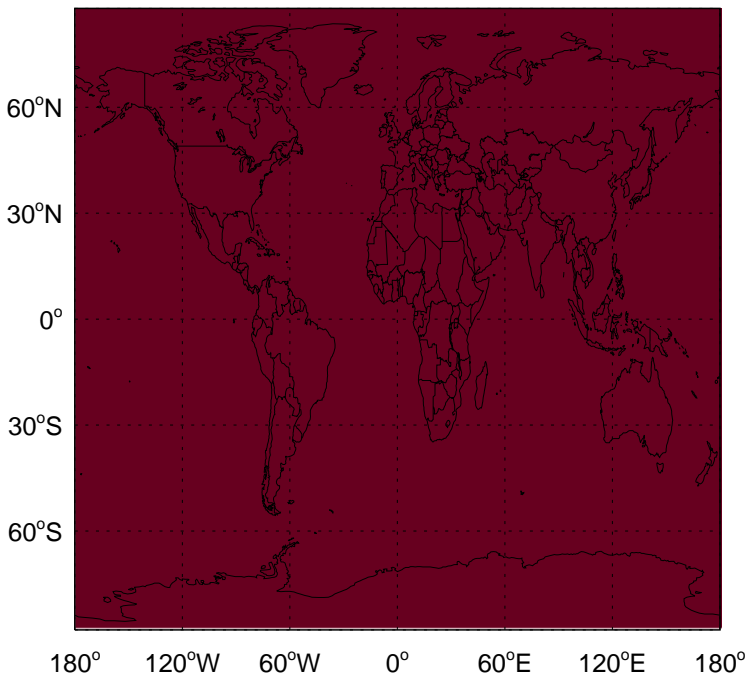
v11-02d / v11-02c

ISN1/ Ratio @ 500 hPa for Oct



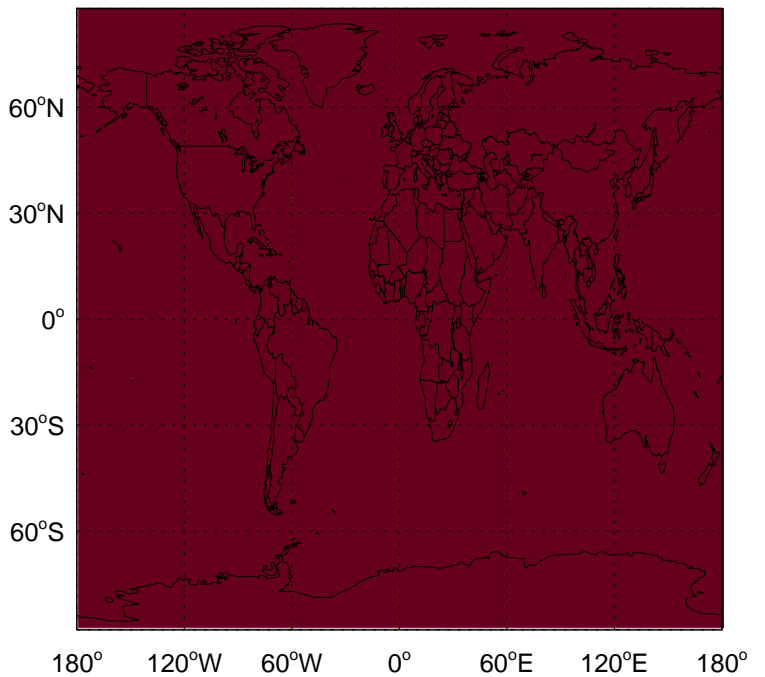
v11-02d / v11-02a

ISN1 / Ratio @ Surface for Oct



v11-02d / v11-02a

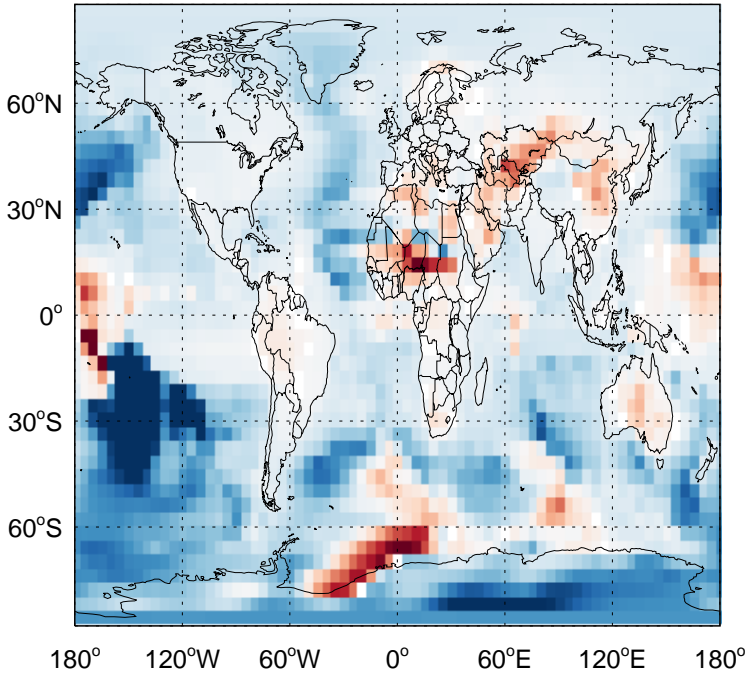
ISN1/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

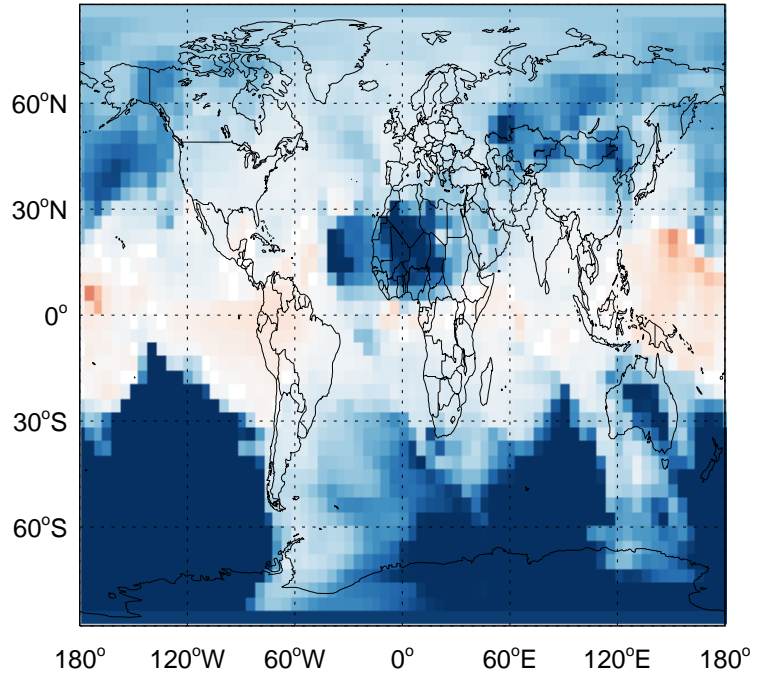
v11-02d / v11-02c

RIPA / Ratio @ Surface for Oct



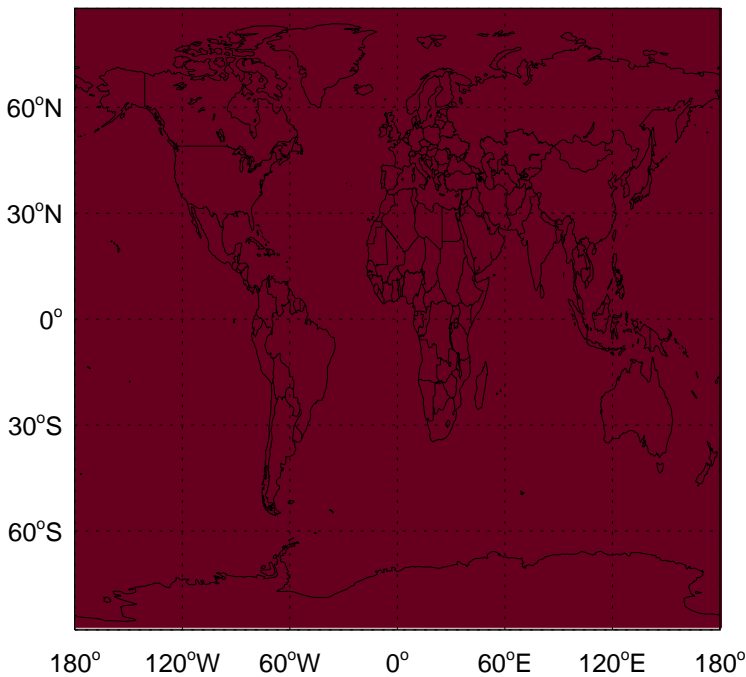
v11-02d / v11-02c

RIPA / Ratio @ 500 hPa for Oct



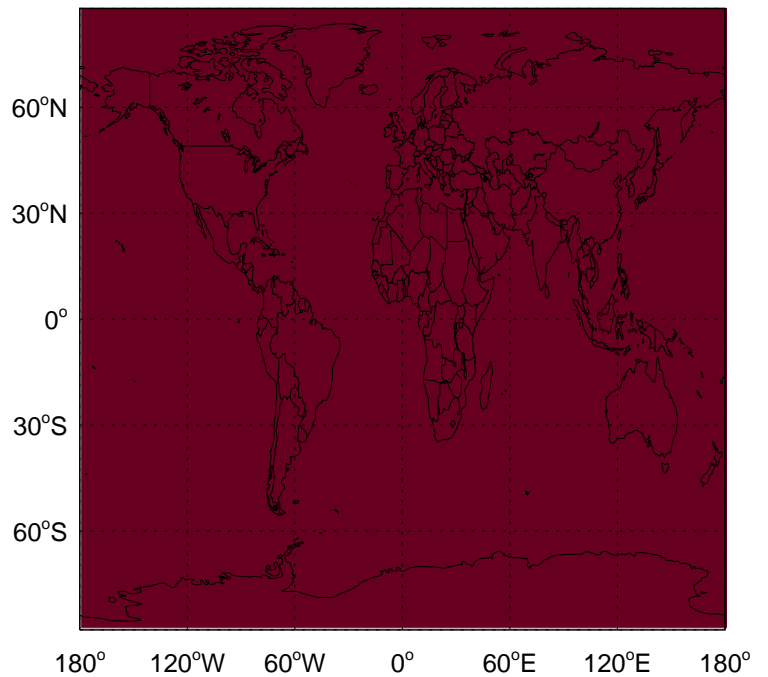
v11-02d / v11-02a

RIPA / Ratio @ Surface for Oct



v11-02d / v11-02a

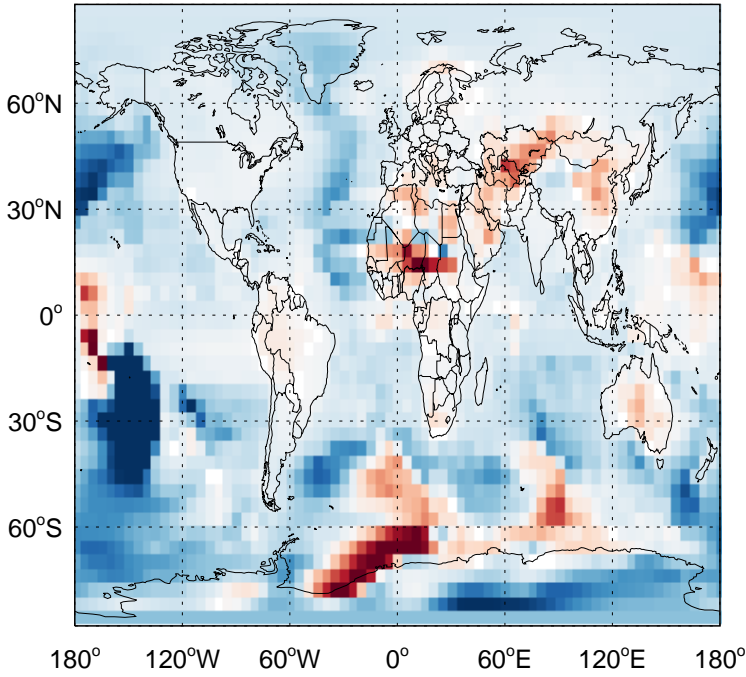
RIPA / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

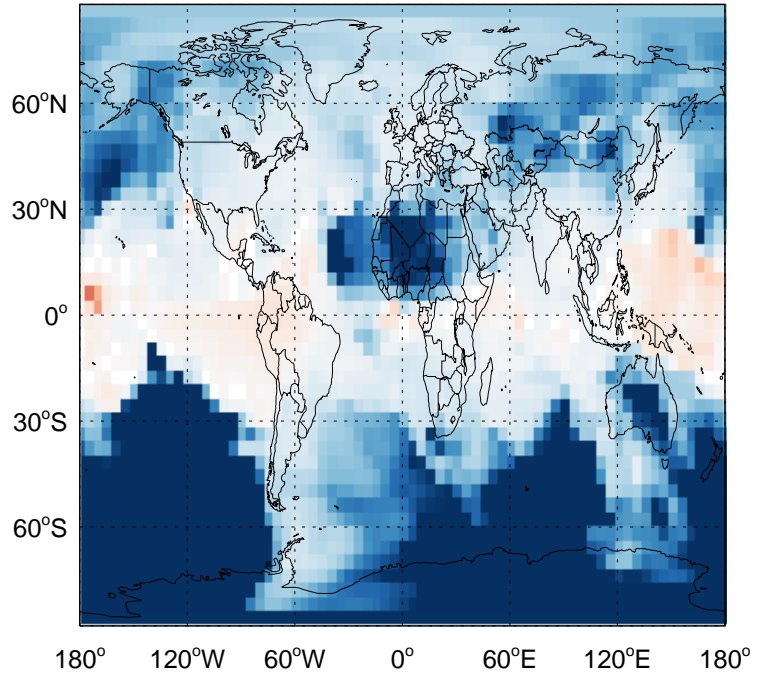
v11-02d / v11-02c

RIPB / Ratio @ Surface for Oct



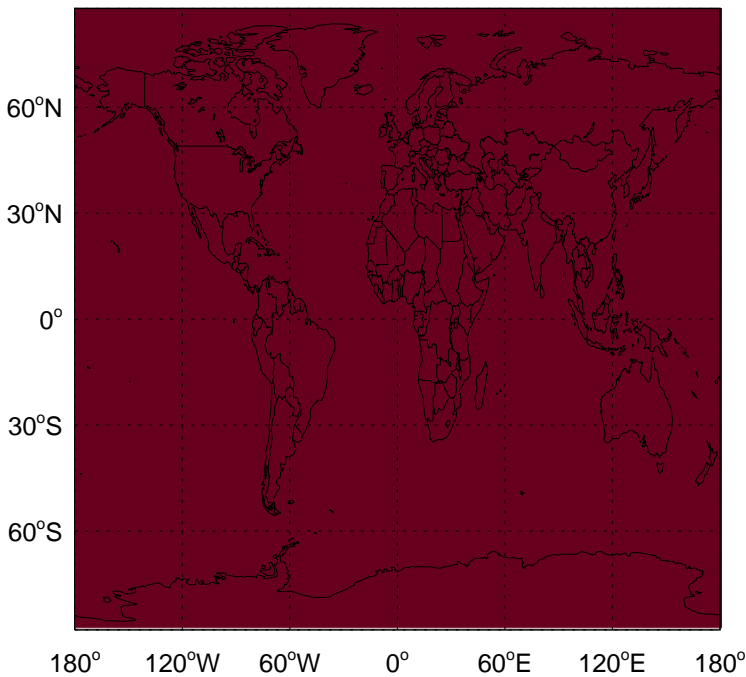
v11-02d / v11-02c

RIPB/ Ratio @ 500 hPa for Oct



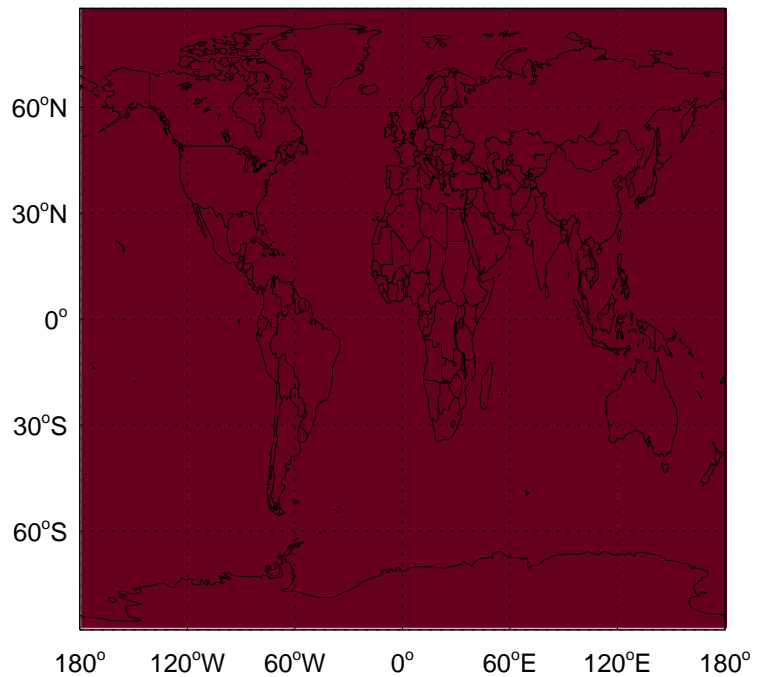
v11-02d / v11-02a

RIPB / Ratio @ Surface for Oct



v11-02d / v11-02a

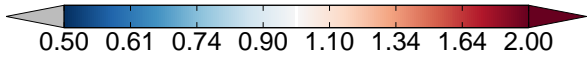
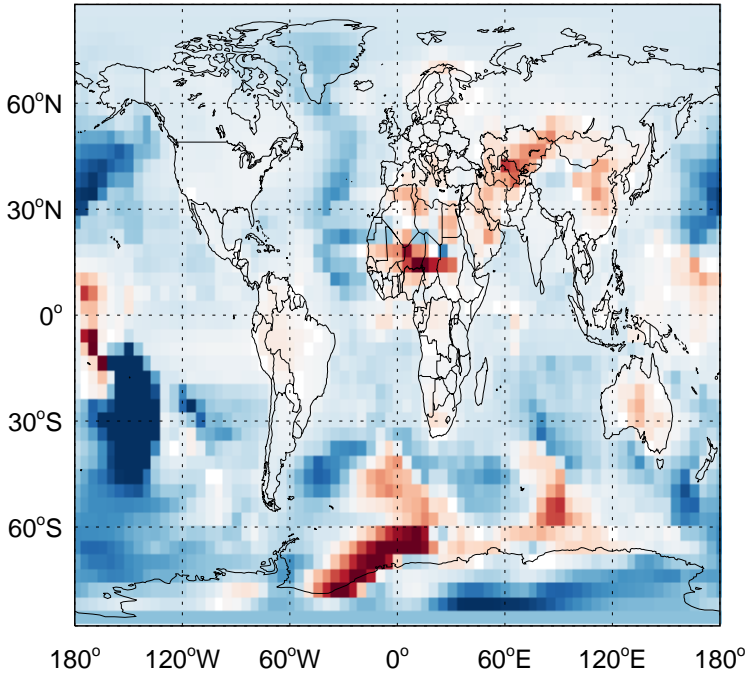
RIPB/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

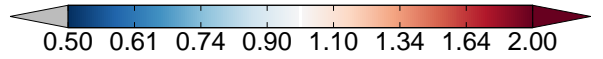
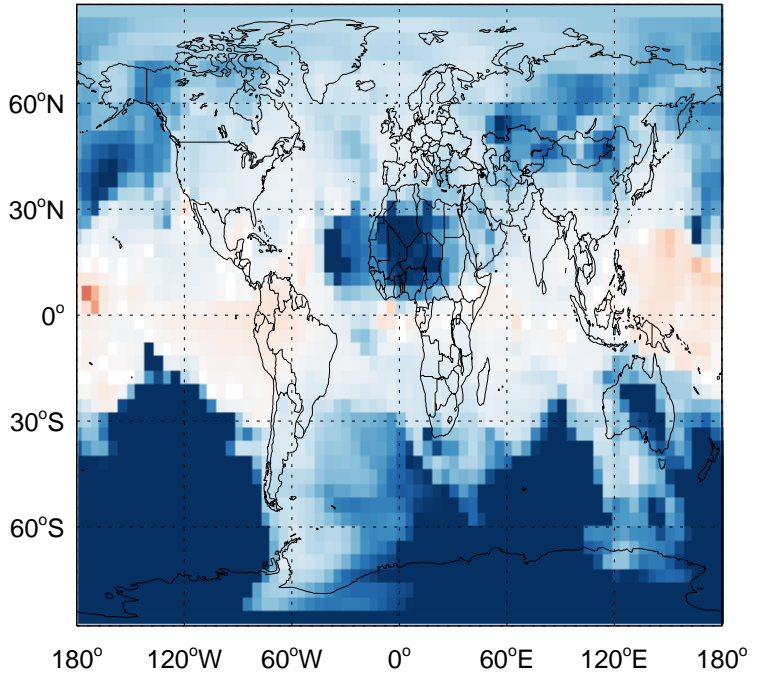
v11-02d / v11-02c

RIPD / Ratio @ Surface for Oct



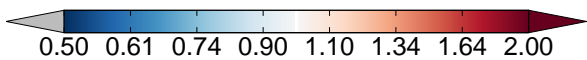
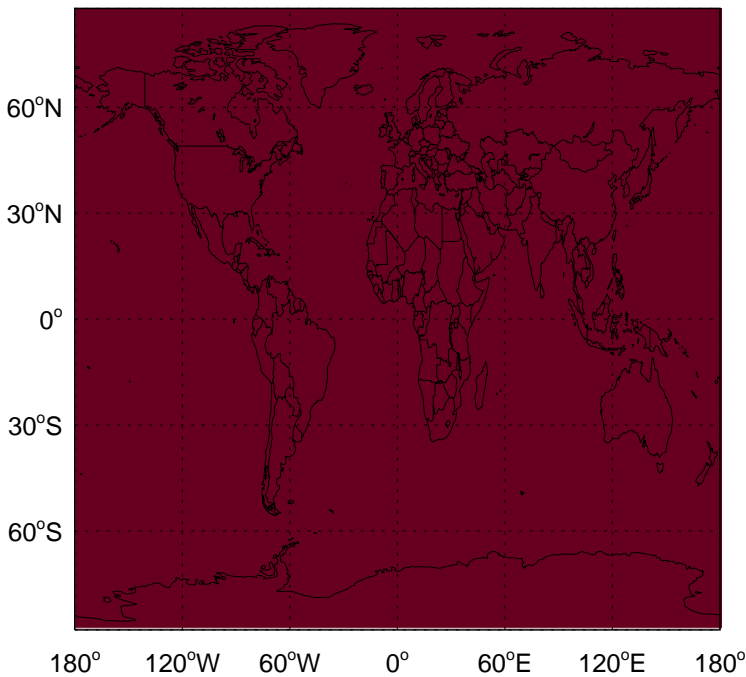
v11-02d / v11-02c

RIPD/ Ratio @ 500 hPa for Oct



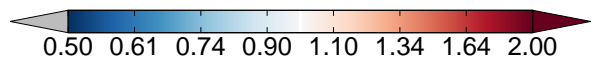
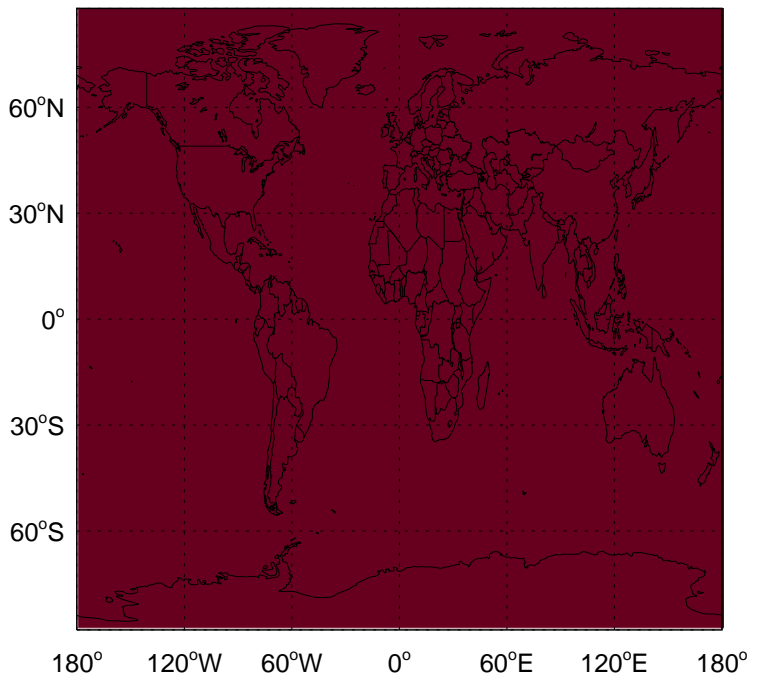
v11-02d / v11-02a

RIPD / Ratio @ Surface for Oct



v11-02d / v11-02a

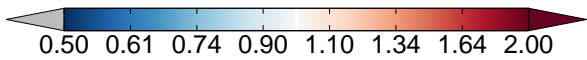
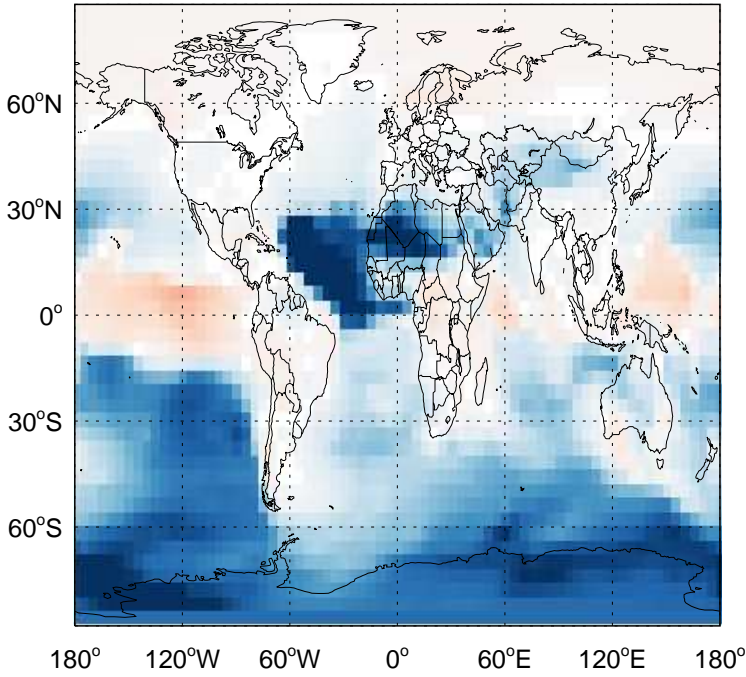
RIPD/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

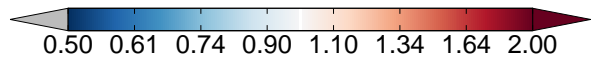
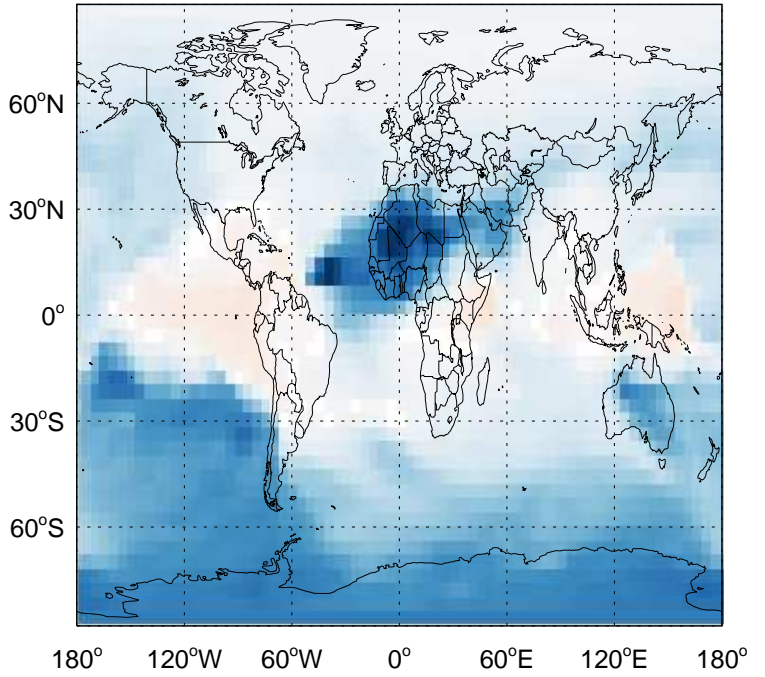
v11-02d / v11-02c

IMAE / Ratio @ Surface for Oct



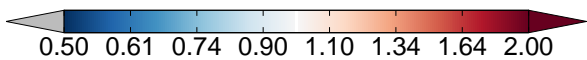
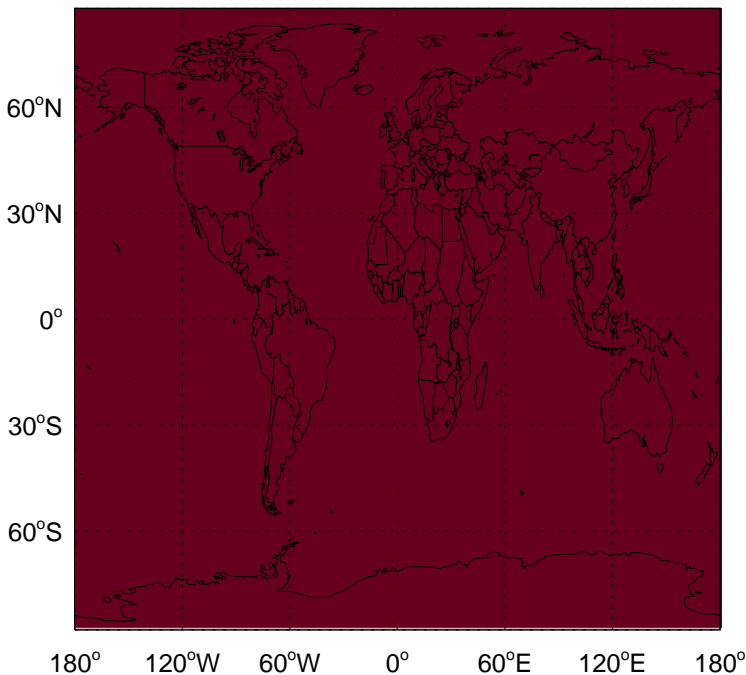
v11-02d / v11-02c

IMAE/ Ratio @ 500 hPa for Oct



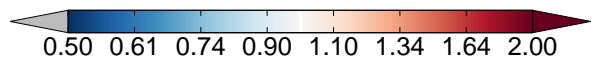
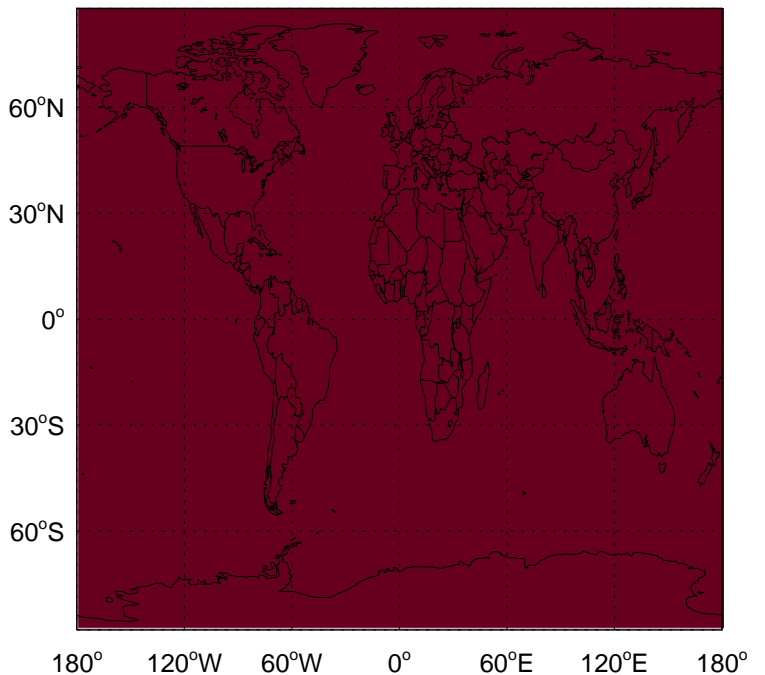
v11-02d / v11-02a

IMAE / Ratio @ Surface for Oct



v11-02d / v11-02a

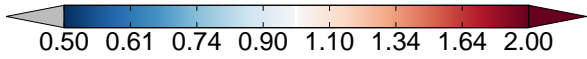
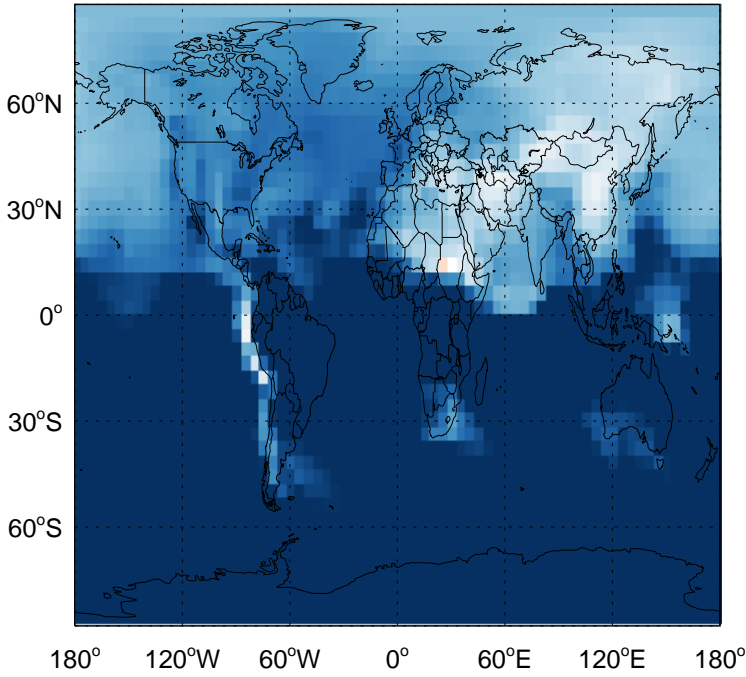
IMAE/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

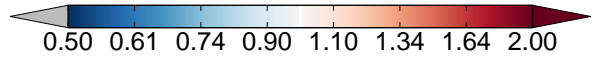
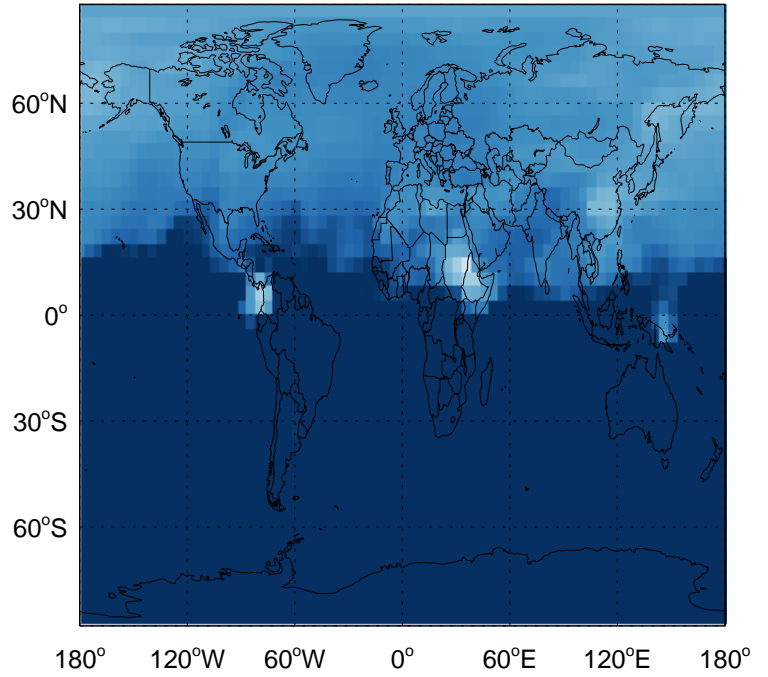
v11-02d / v11-02c

SOAIE / Ratio @ Surface for Oct



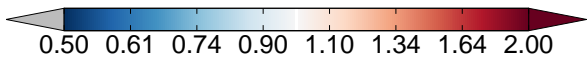
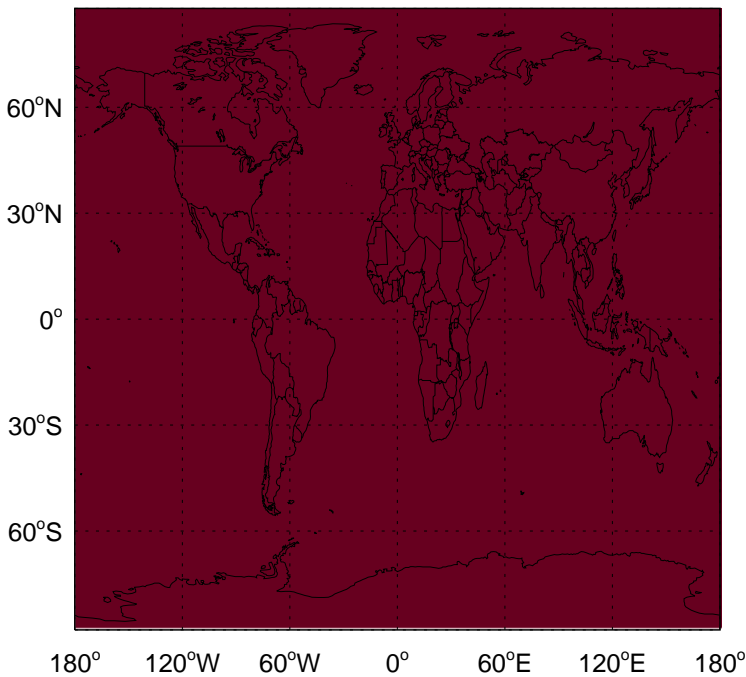
v11-02d / v11-02c

SOAIE/ Ratio @ 500 hPa for Oct



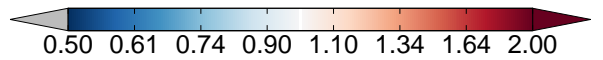
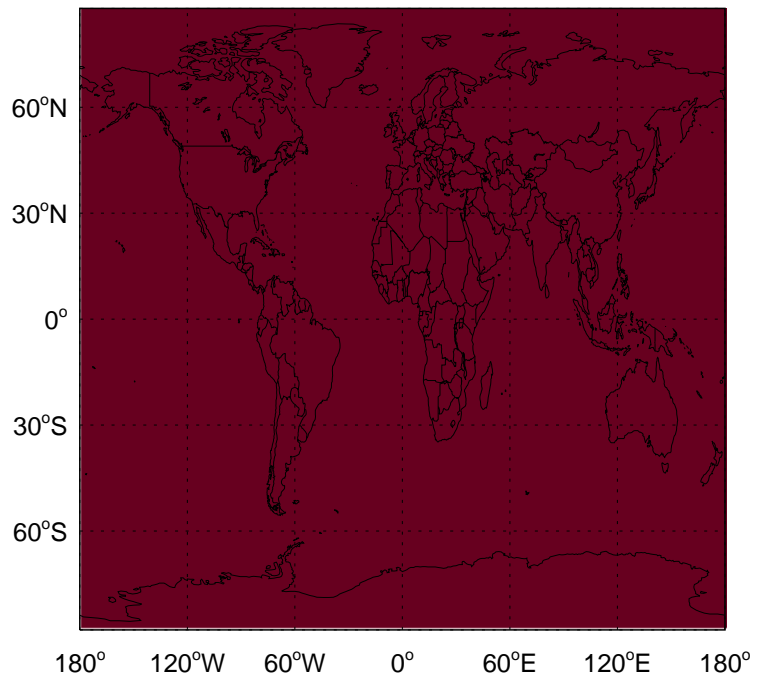
v11-02d / v11-02a

SOAIE / Ratio @ Surface for Oct



v11-02d / v11-02a

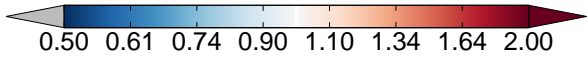
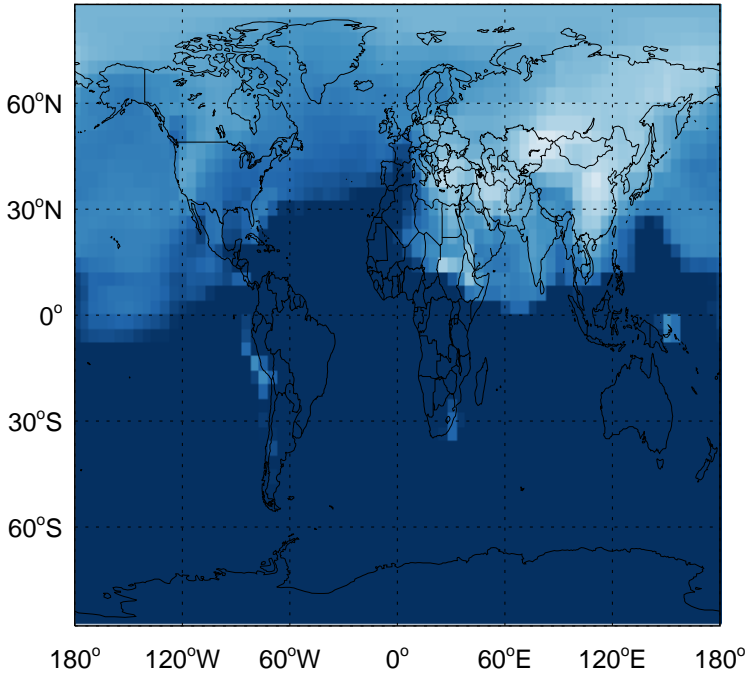
SOAIE/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

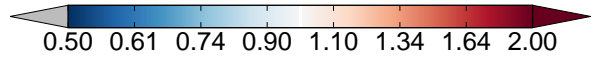
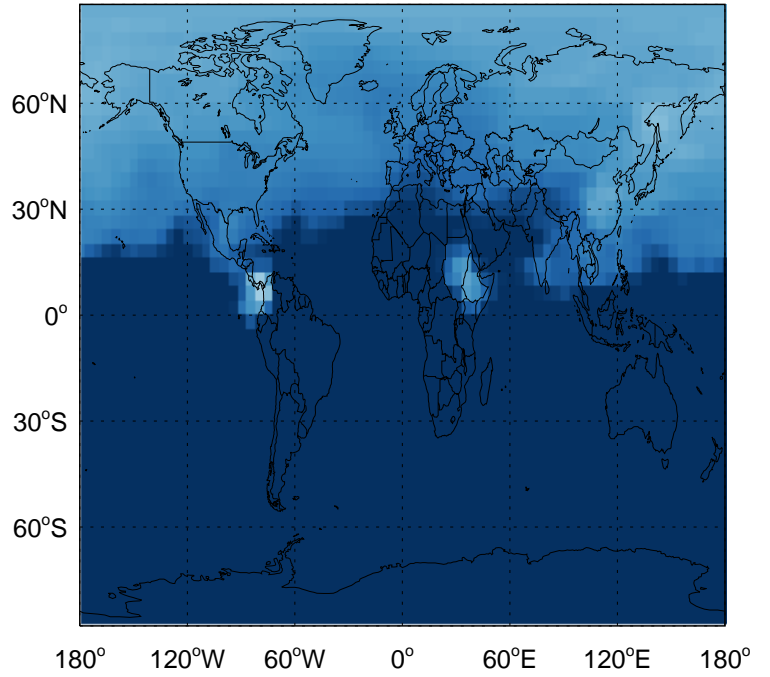
v11-02d / v11-02c

SOAME / Ratio @ Surface for Oct



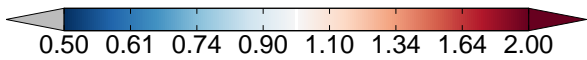
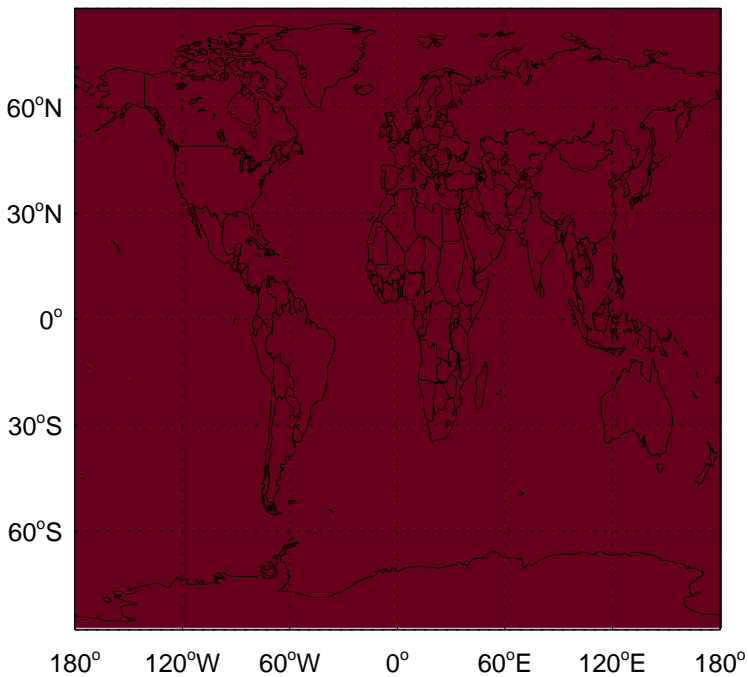
v11-02d / v11-02c

SOAME / Ratio @ 500 hPa for Oct



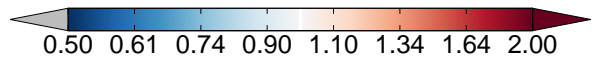
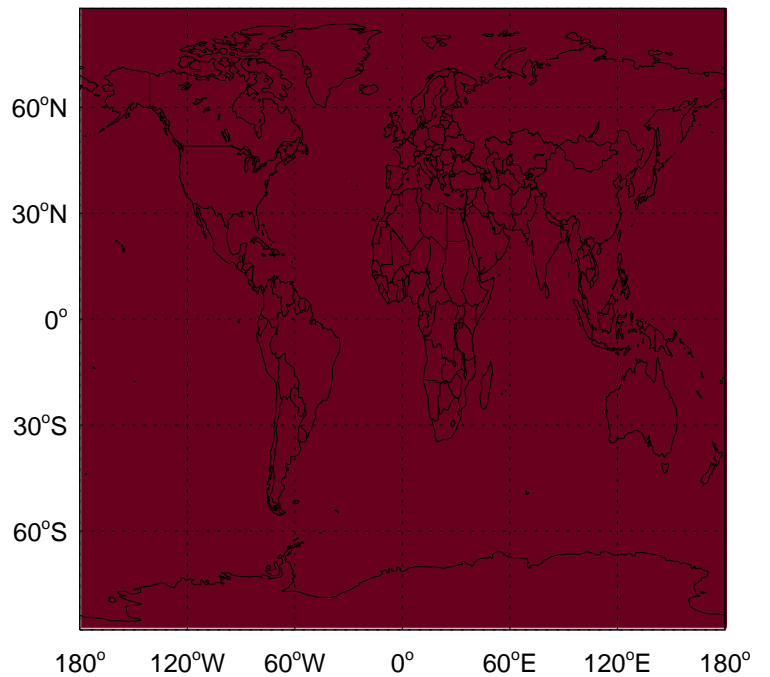
v11-02d / v11-02a

SOAME / Ratio @ Surface for Oct



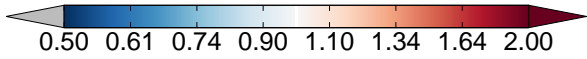
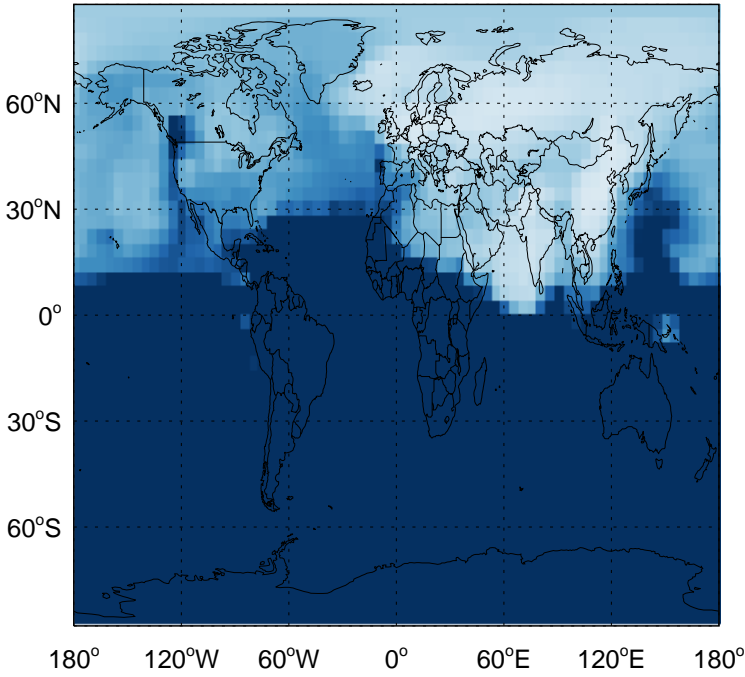
v11-02d / v11-02a

SOAME / Ratio @ 500 hPa for Oct

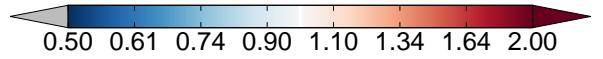
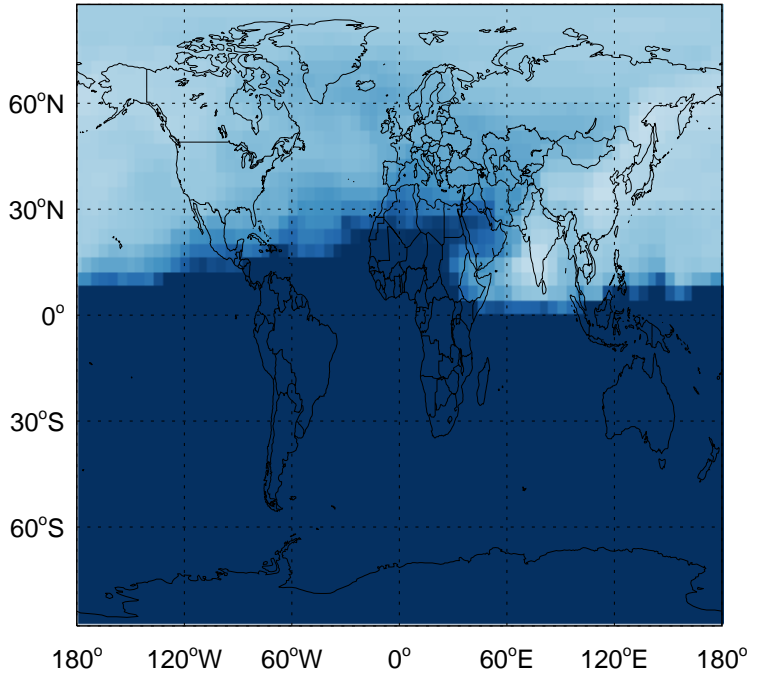


# GEOS-Chem Ratio Maps at surface and 500 hPa

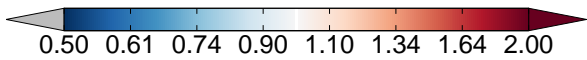
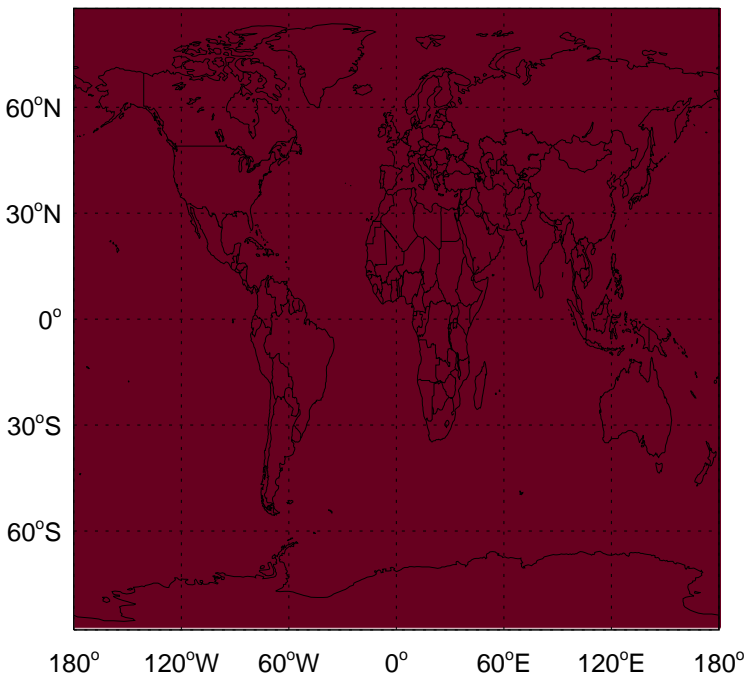
v11-02d / v11-02c  
SOAGX / Ratio @ Surface for Oct



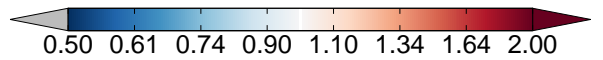
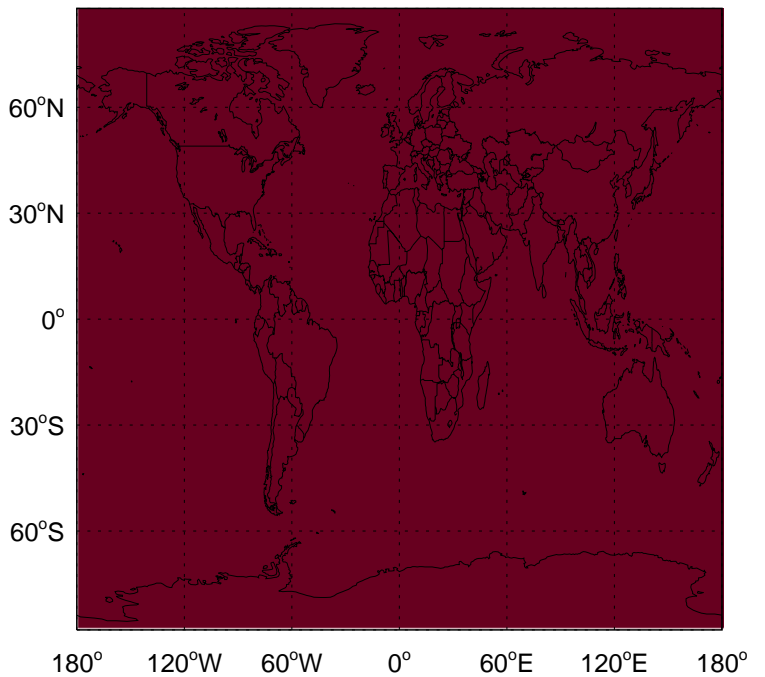
v11-02d / v11-02c  
SOAGX/ Ratio @ 500 hPa for Oct



v11-02d / v11-02a  
SOAGX / Ratio @ Surface for Oct



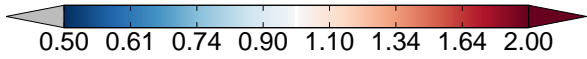
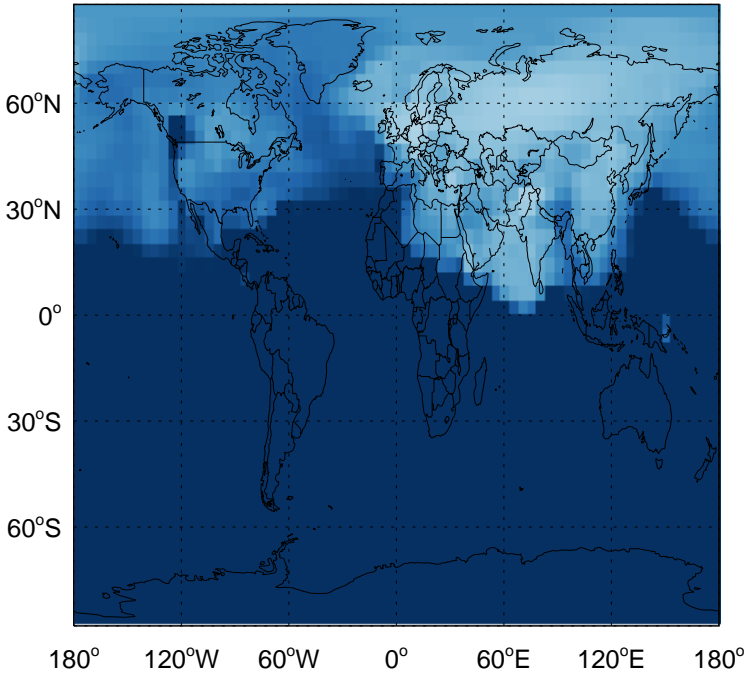
v11-02d / v11-02a  
SOAGX/ Ratio @ 500 hPa for Oct



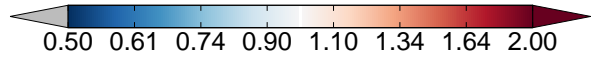
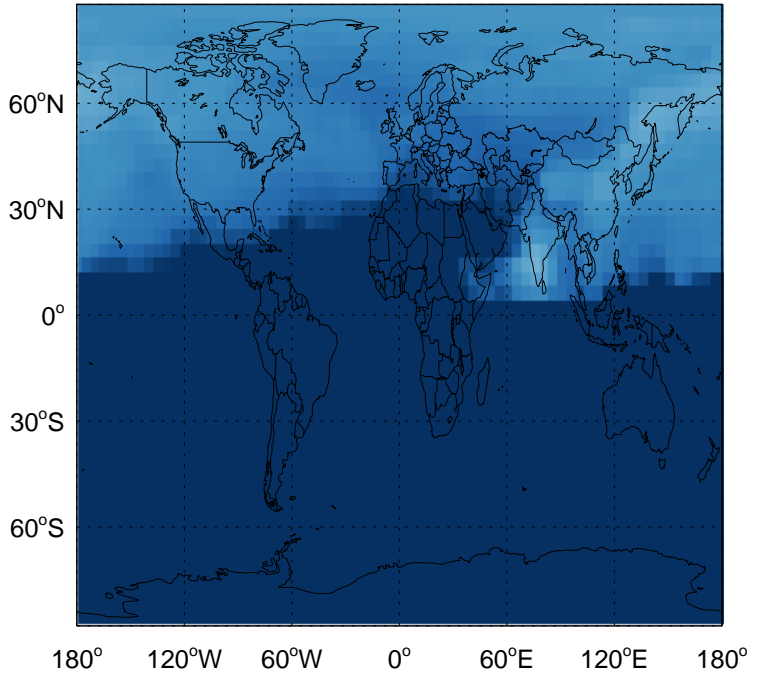


# GEOS-Chem Ratio Maps at surface and 500 hPa

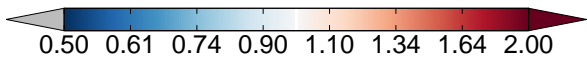
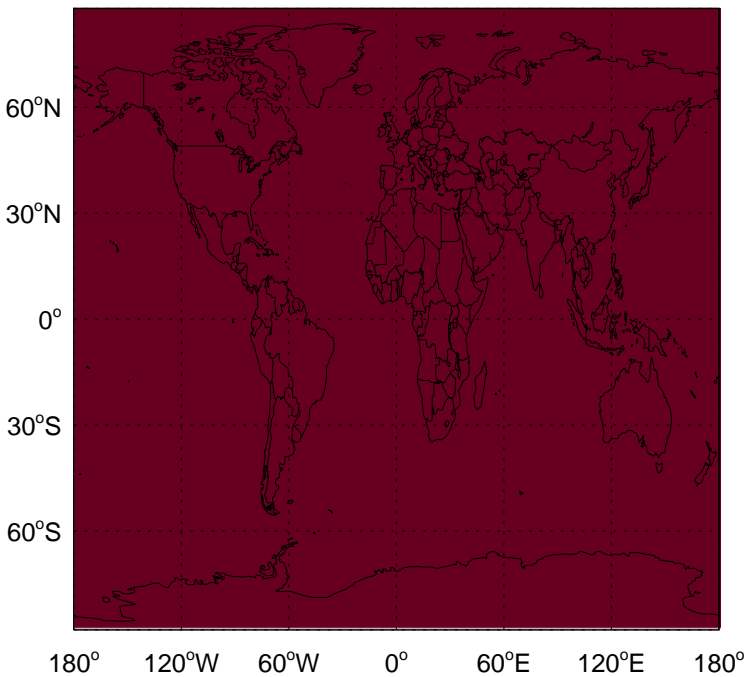
v11-02d / v11-02c  
SOAMG / Ratio @ Surface for Oct



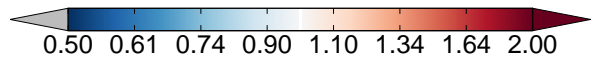
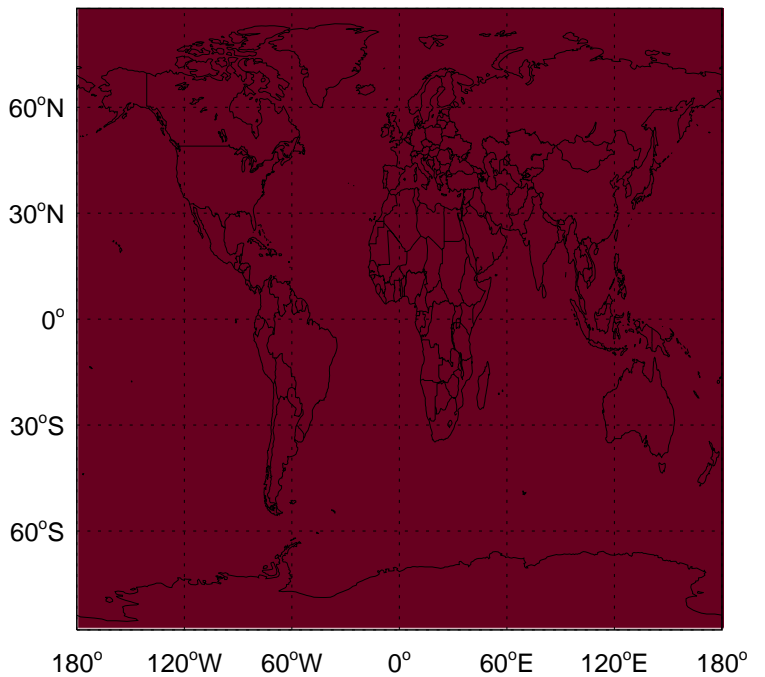
v11-02d / v11-02c  
SOAMG/ Ratio @ 500 hPa for Oct



v11-02d / v11-02a  
SOAMG / Ratio @ Surface for Oct



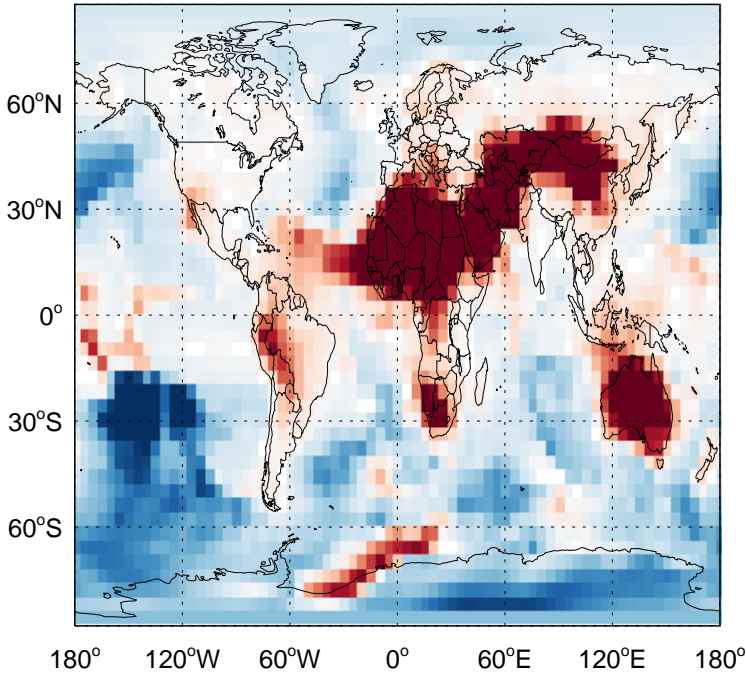
v11-02d / v11-02a  
SOAMG/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

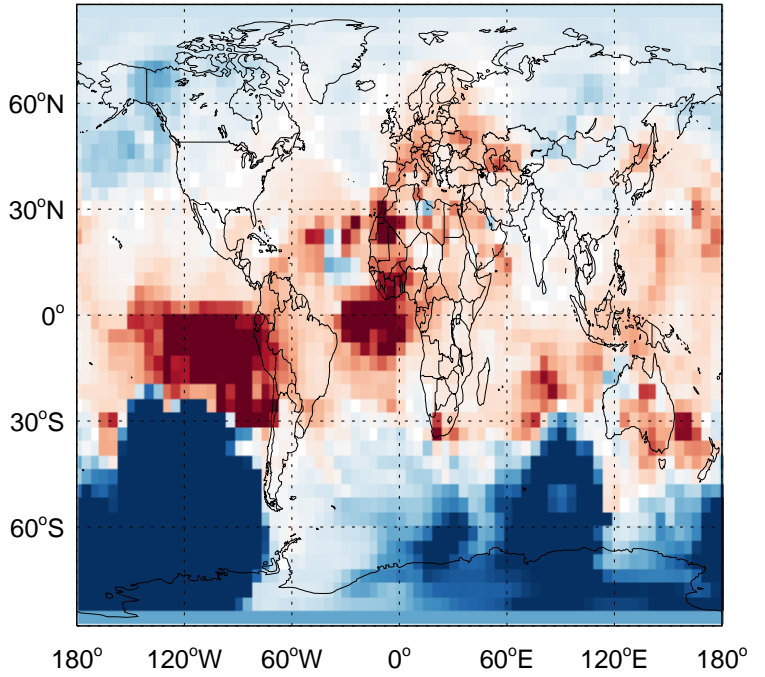
v11-02d / v11-02c

LVOC / Ratio @ Surface for Oct



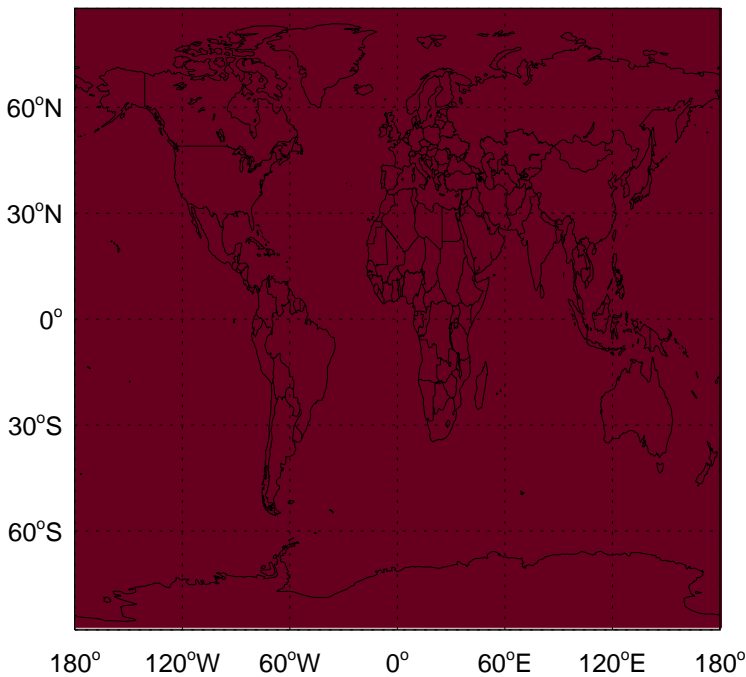
v11-02d / v11-02c

LVOC/ Ratio @ 500 hPa for Oct



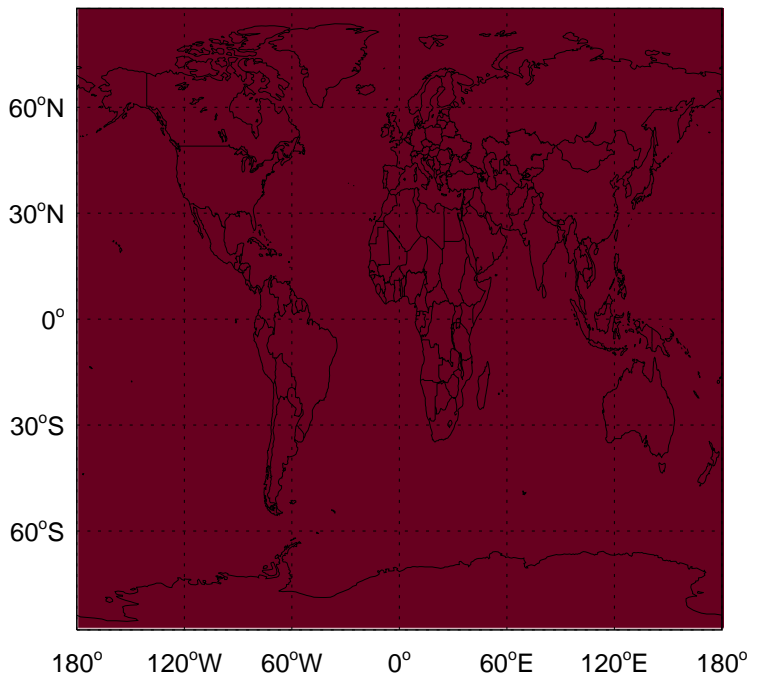
v11-02d / v11-02a

LVOC / Ratio @ Surface for Oct



v11-02d / v11-02a

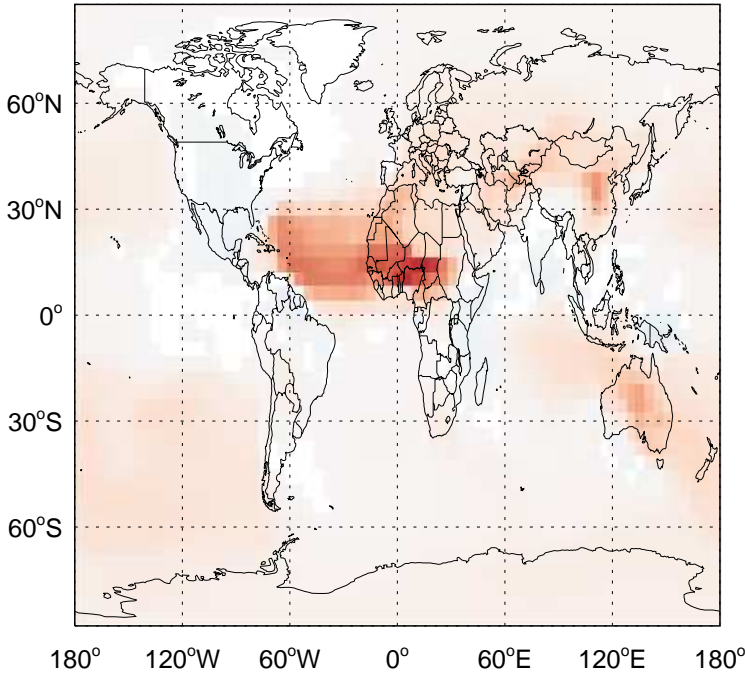
LVOC/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

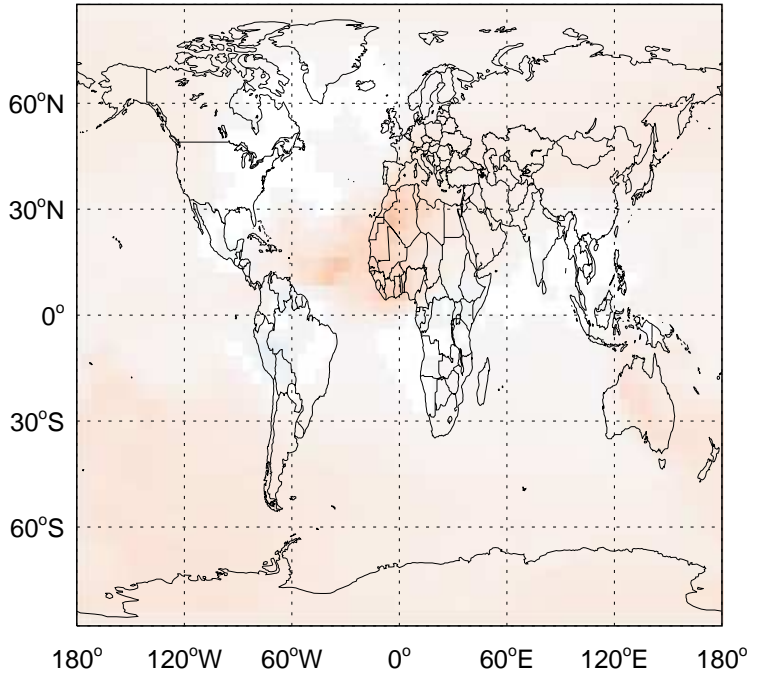
v11-02d / v11-02c

LVCOA / Ratio @ Surface for Oct



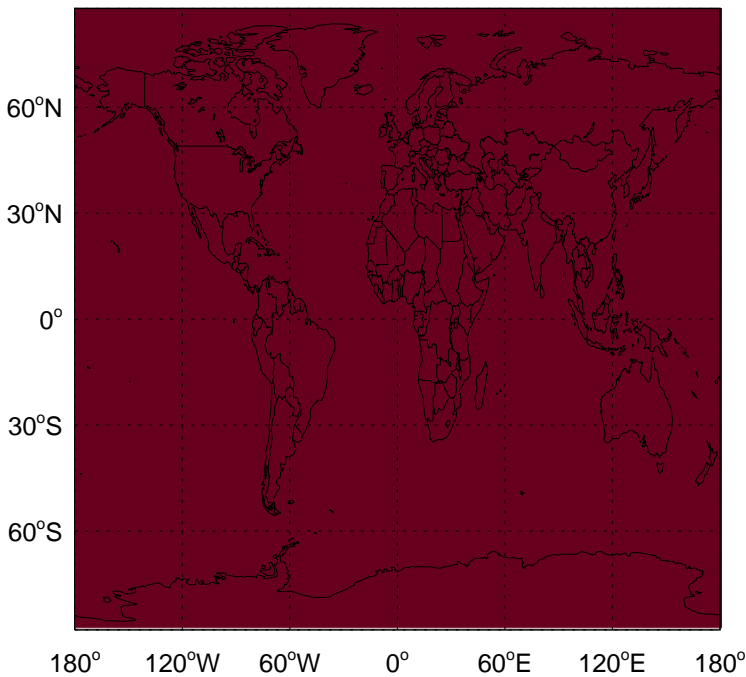
v11-02d / v11-02c

LVCOA/ Ratio @ 500 hPa for Oct



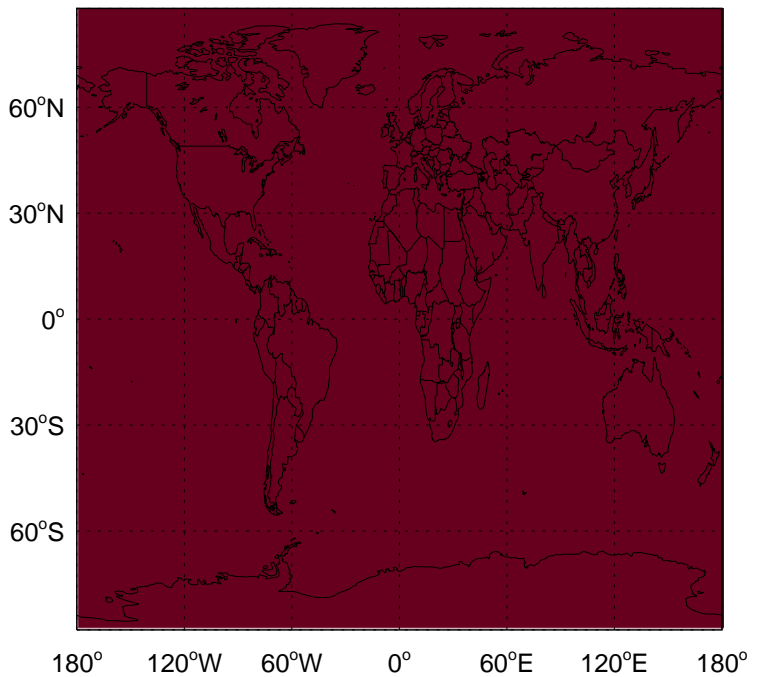
v11-02d / v11-02a

LVCOA / Ratio @ Surface for Oct



v11-02d / v11-02a

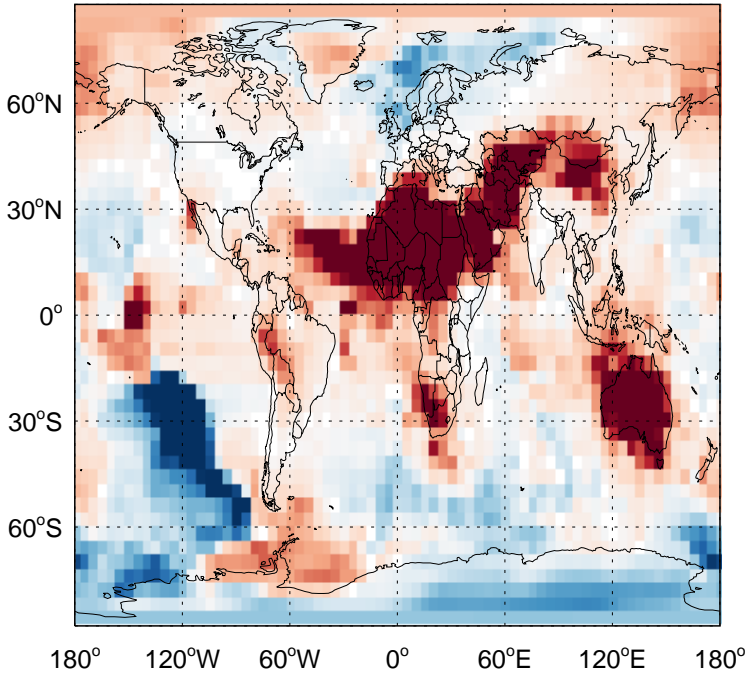
LVCOA/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

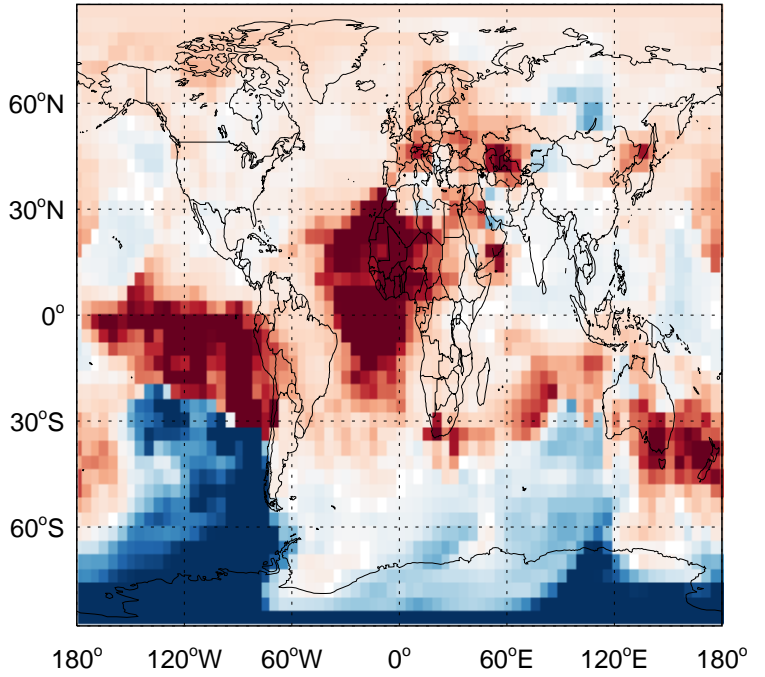
v11-02d / v11-02c

ISN10G / Ratio @ Surface for Oct



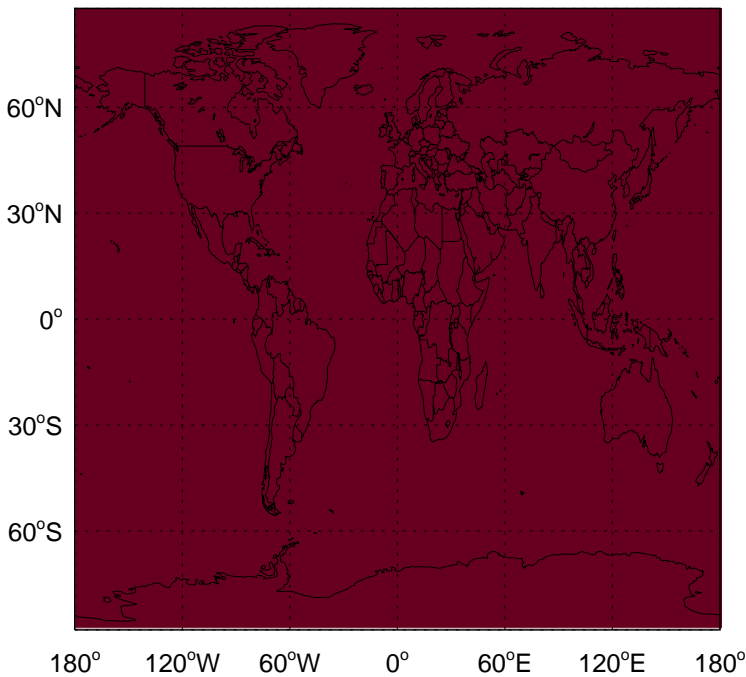
v11-02d / v11-02c

ISN10G/ Ratio @ 500 hPa for Oct



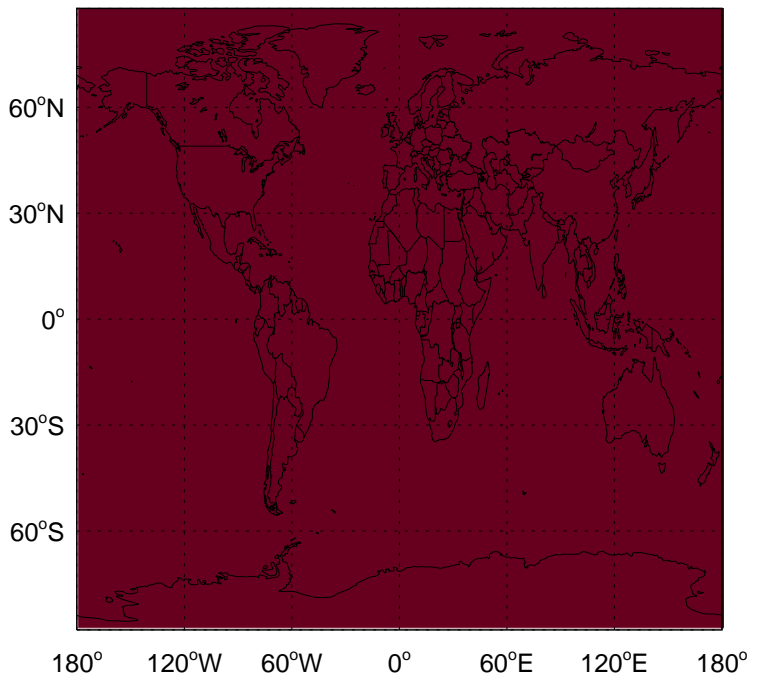
v11-02d / v11-02a

ISN10G / Ratio @ Surface for Oct



v11-02d / v11-02a

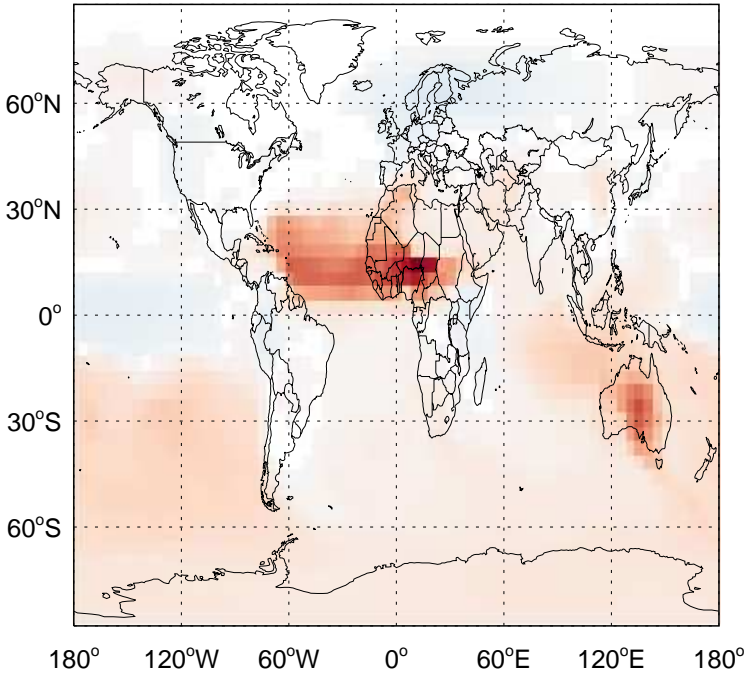
ISN10G/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

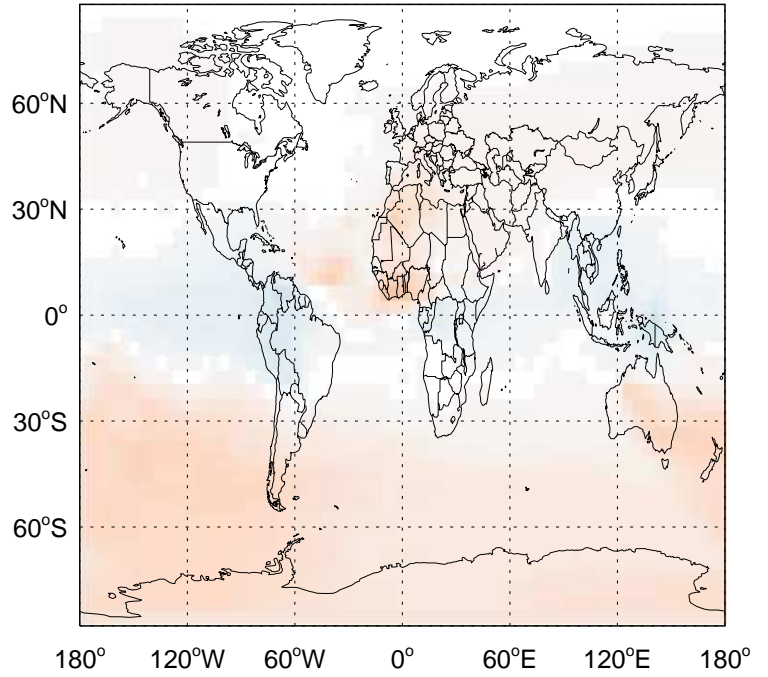
v11-02d / v11-02c

ISN10A / Ratio @ Surface for Oct



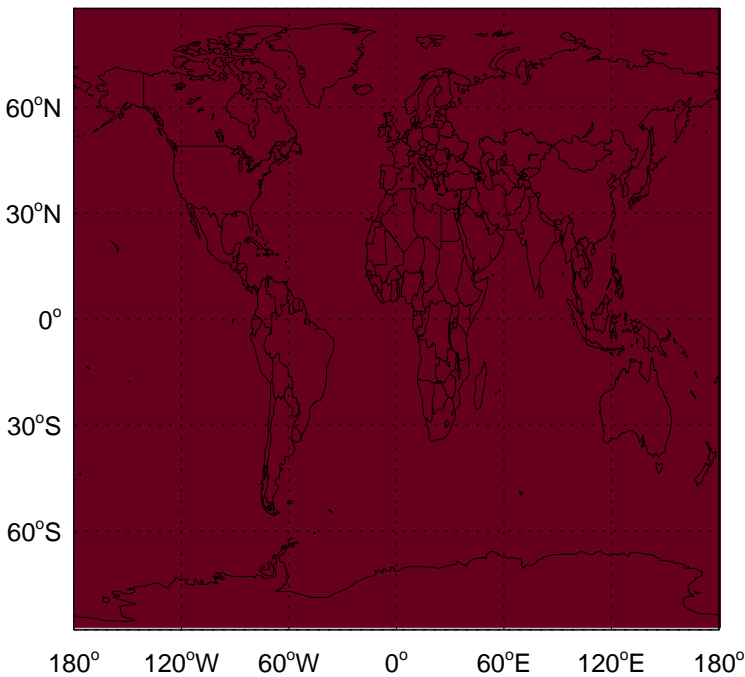
v11-02d / v11-02c

ISN10A / Ratio @ 500 hPa for Oct



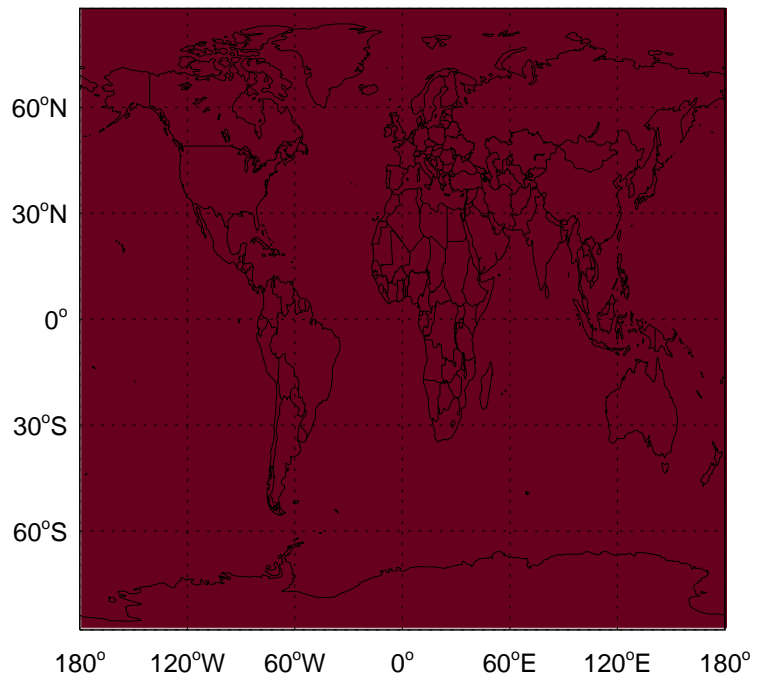
v11-02d / v11-02a

ISN10A / Ratio @ Surface for Oct



v11-02d / v11-02a

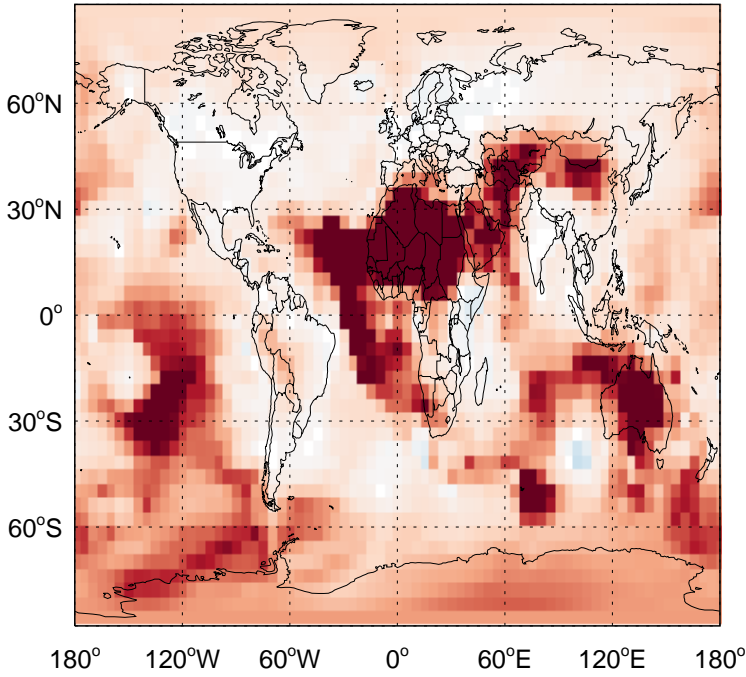
ISN10A / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

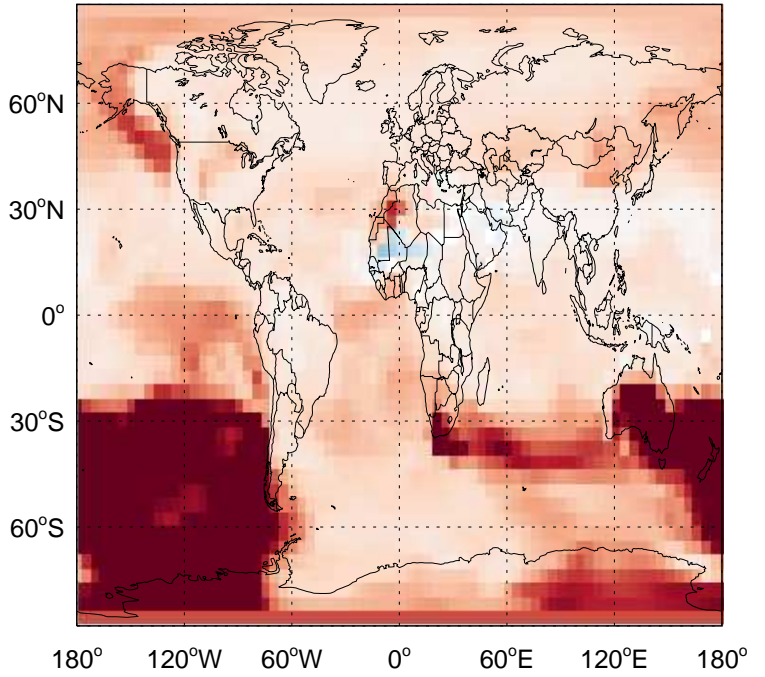
v11-02d / v11-02c

MONITS / Ratio @ Surface for Oct



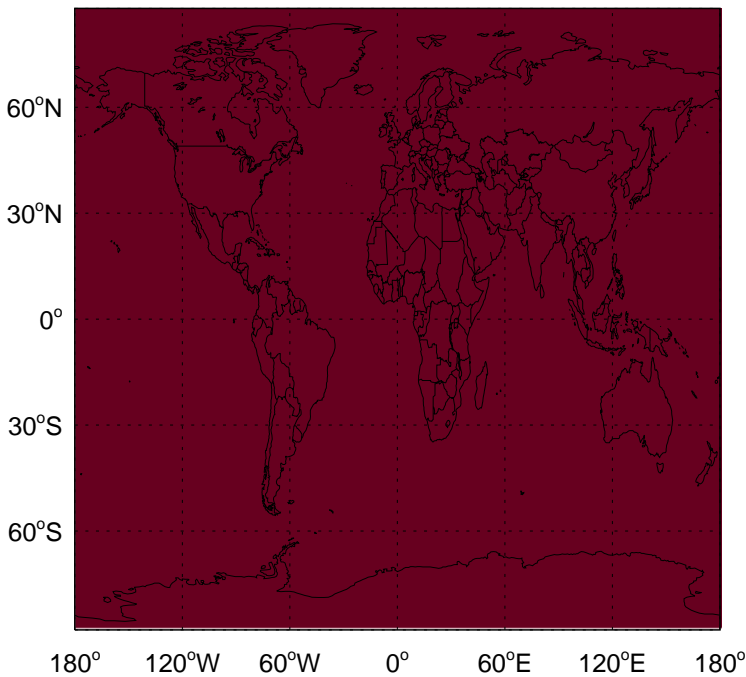
v11-02d / v11-02c

MONITS/ Ratio @ 500 hPa for Oct



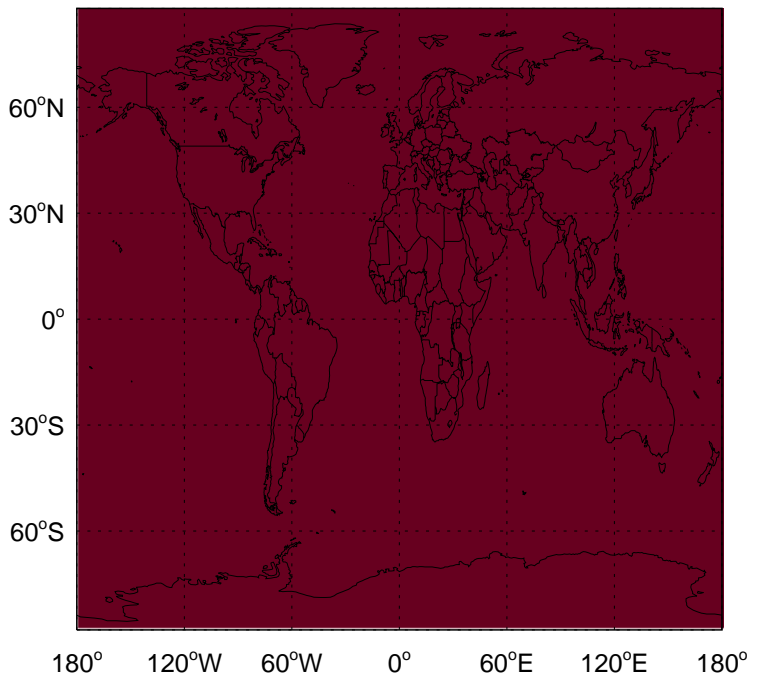
v11-02d / v11-02a

MONITS / Ratio @ Surface for Oct



v11-02d / v11-02a

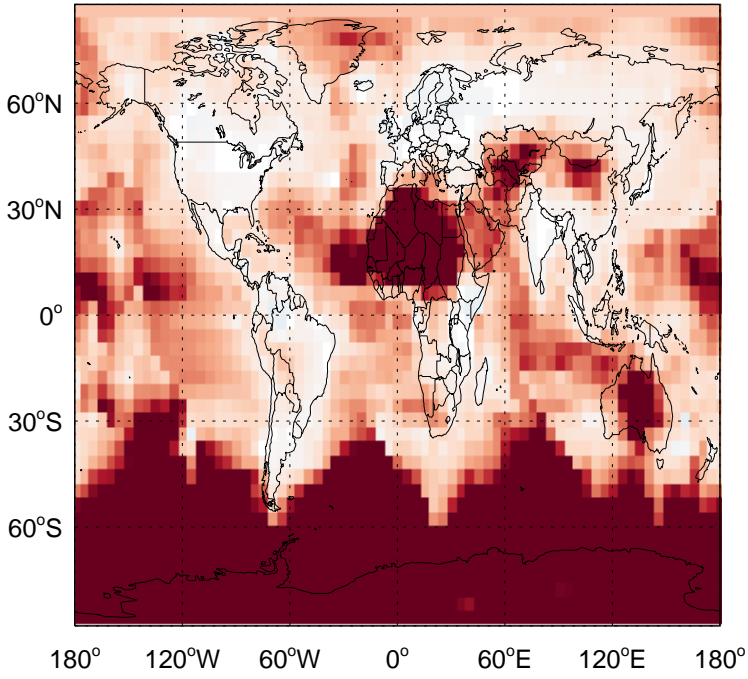
MONITS/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

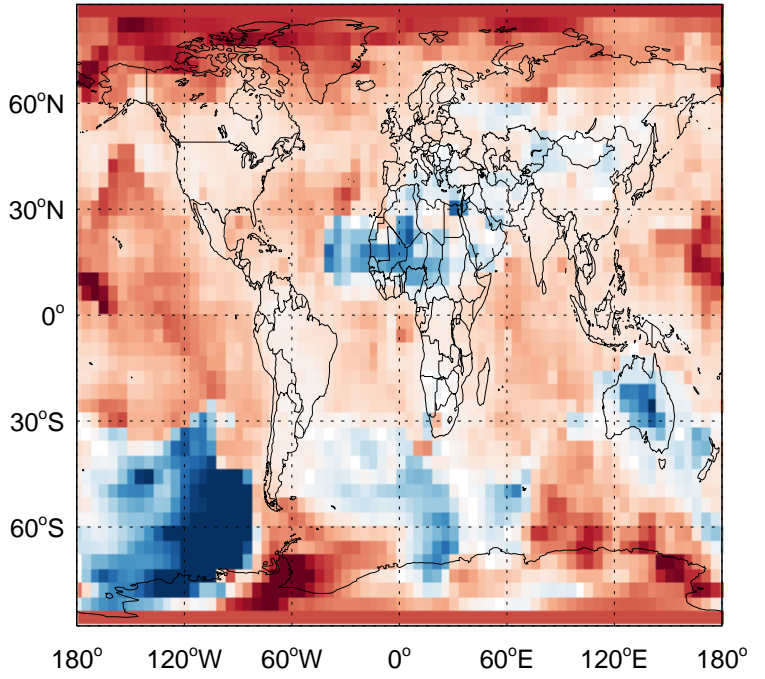
v11-02d / v11-02c

MONITU / Ratio @ Surface for Oct



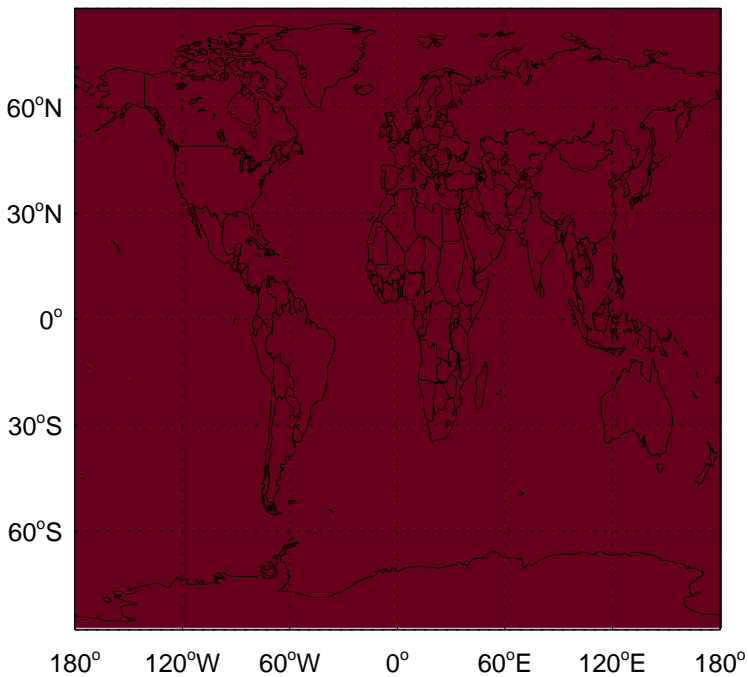
v11-02d / v11-02c

MONITU/ Ratio @ 500 hPa for Oct



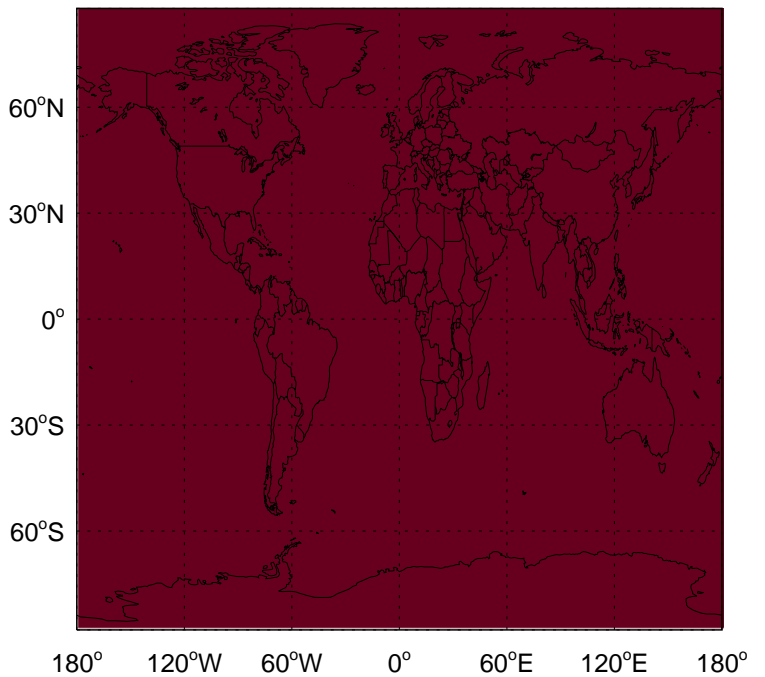
v11-02d / v11-02a

MONITU / Ratio @ Surface for Oct



v11-02d / v11-02a

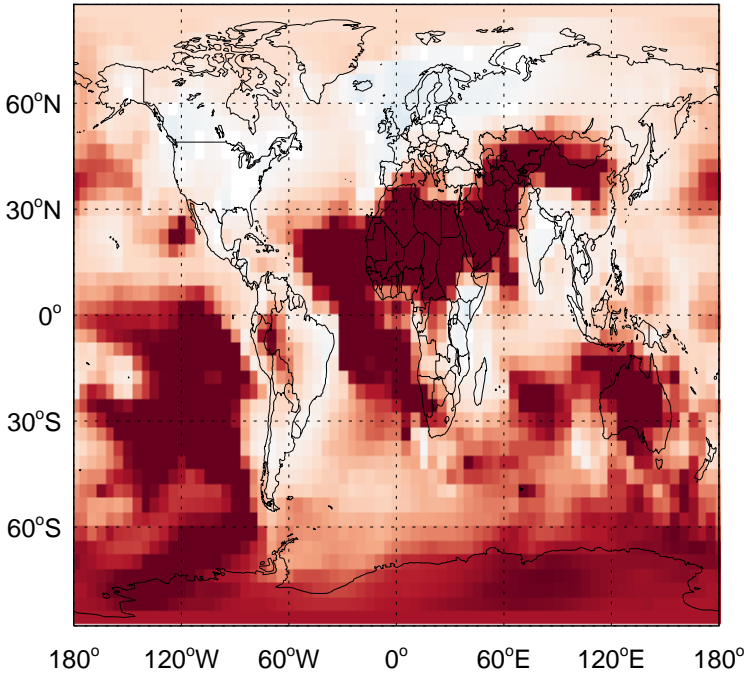
MONITU/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

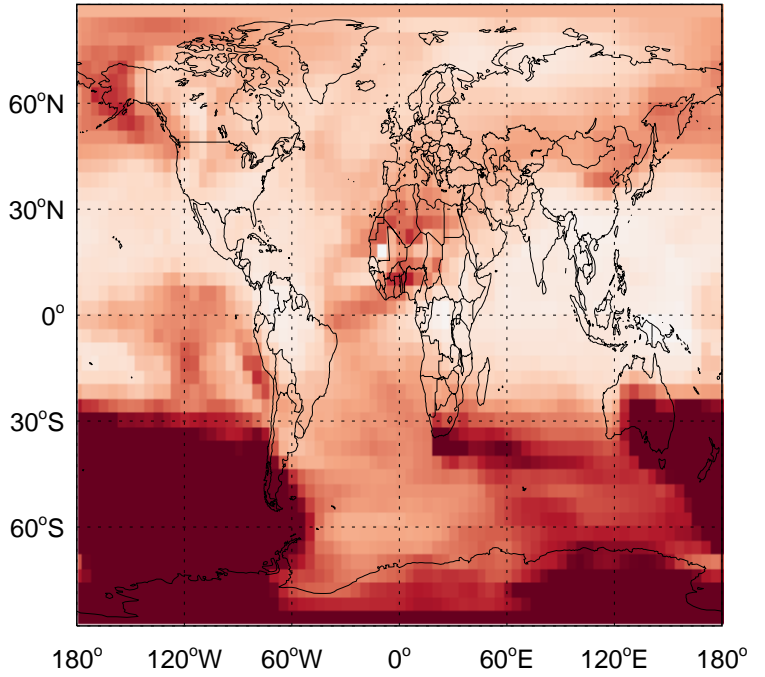
v11-02d / v11-02c

HONIT / Ratio @ Surface for Oct



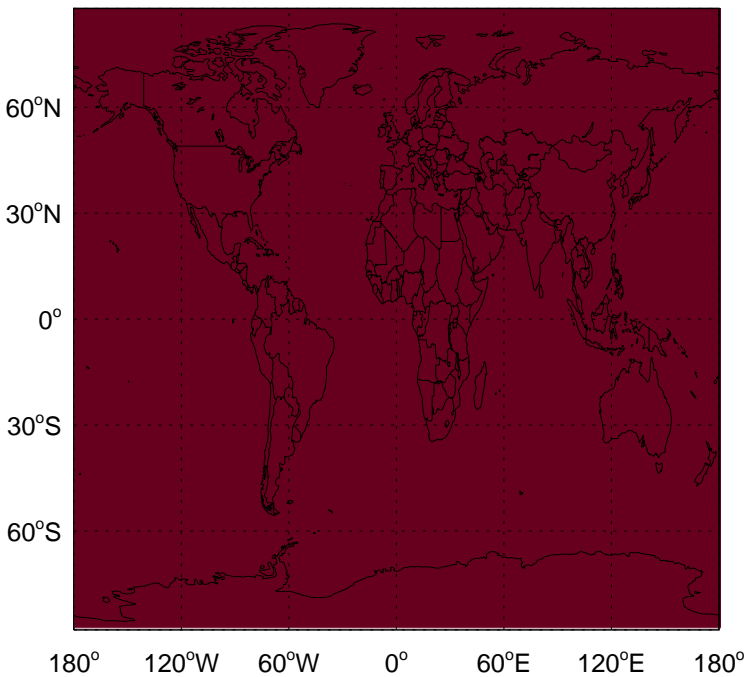
v11-02d / v11-02c

HONIT/ Ratio @ 500 hPa for Oct



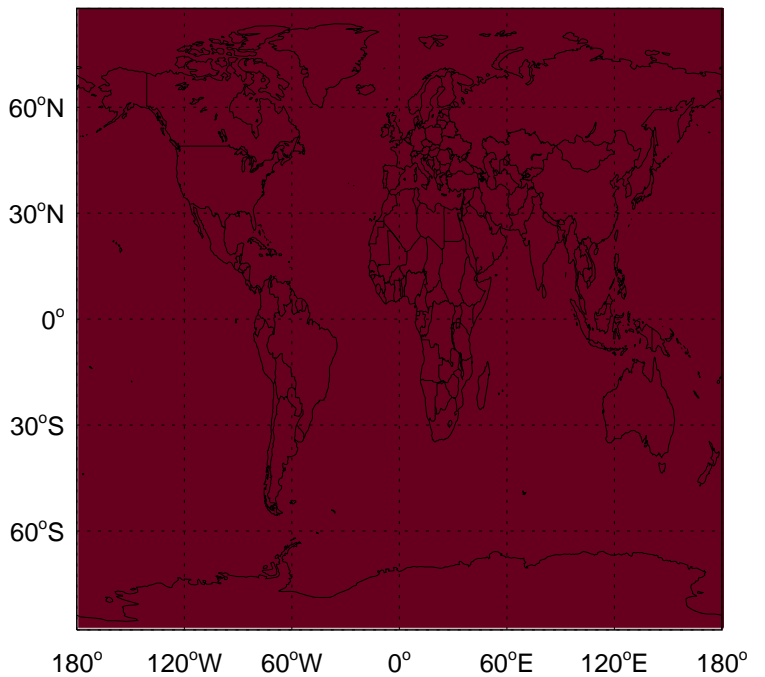
v11-02d / v11-02a

HONIT / Ratio @ Surface for Oct



v11-02d / v11-02a

HONIT/ Ratio @ 500 hPa for Oct

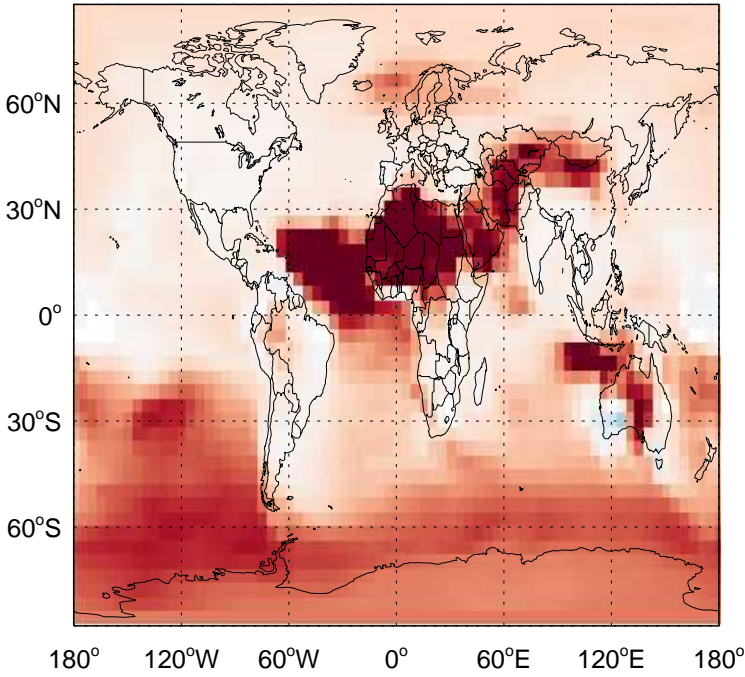




# GEOS-Chem Ratio Maps at surface and 500 hPa

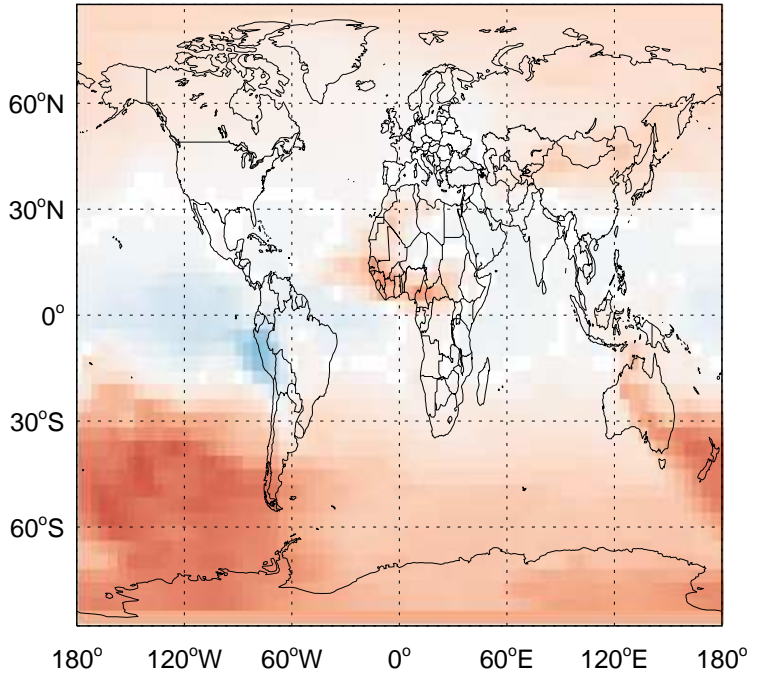
v11-02d / v11-02c

IONITA / Ratio @ Surface for Oct



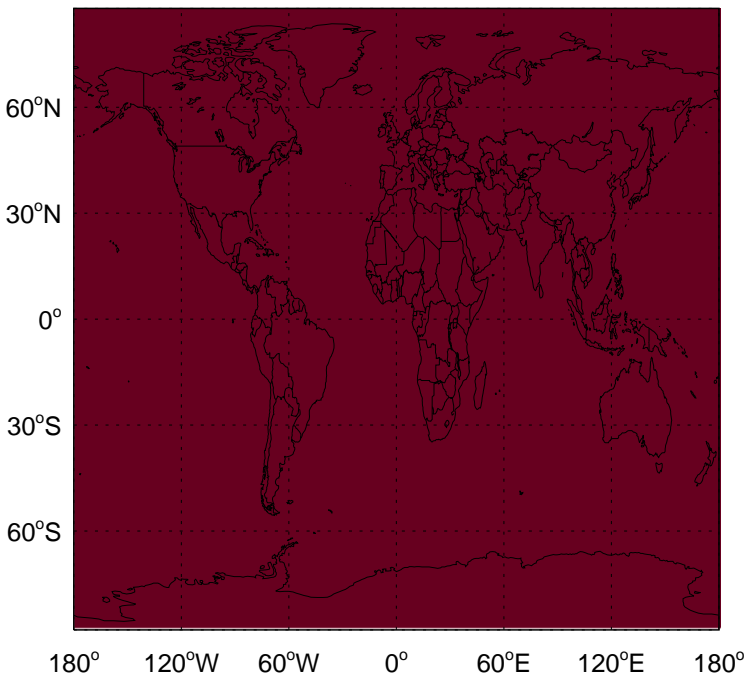
v11-02d / v11-02c

IONITA/ Ratio @ 500 hPa for Oct



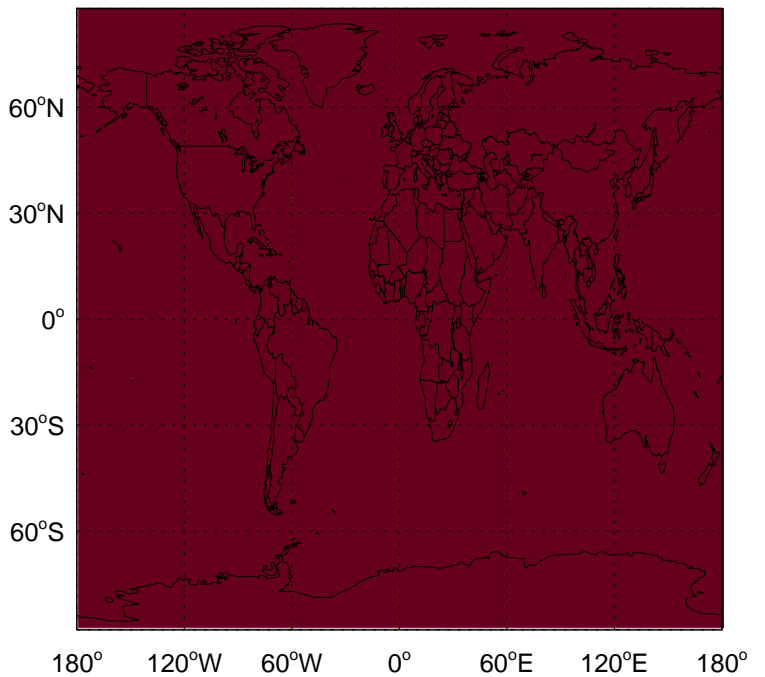
v11-02d / v11-02a

IONITA / Ratio @ Surface for Oct



v11-02d / v11-02a

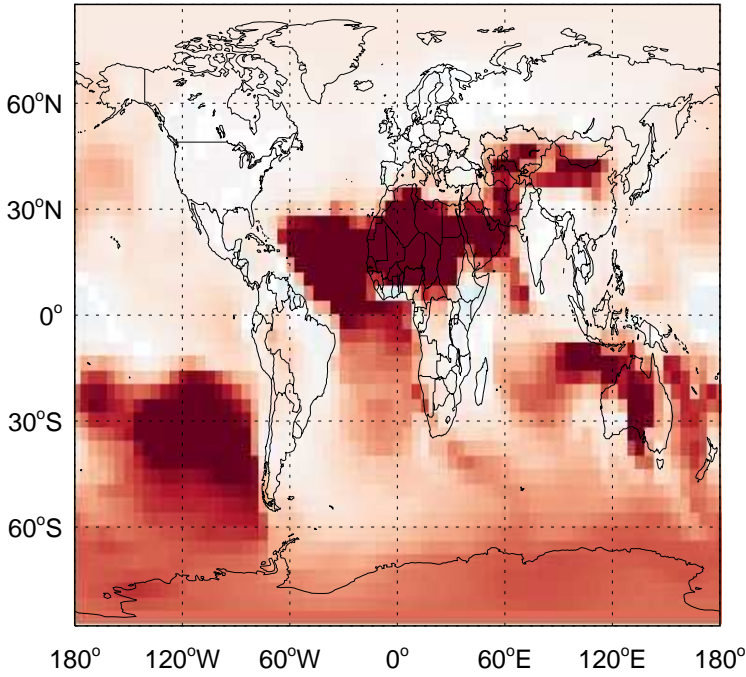
IONITA/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

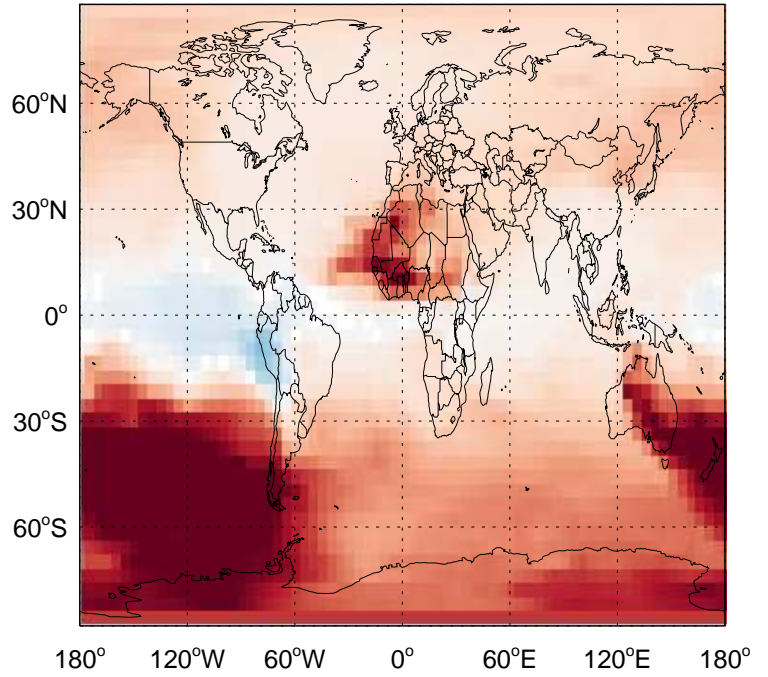
v11-02d / v11-02c

MONITA / Ratio @ Surface for Oct



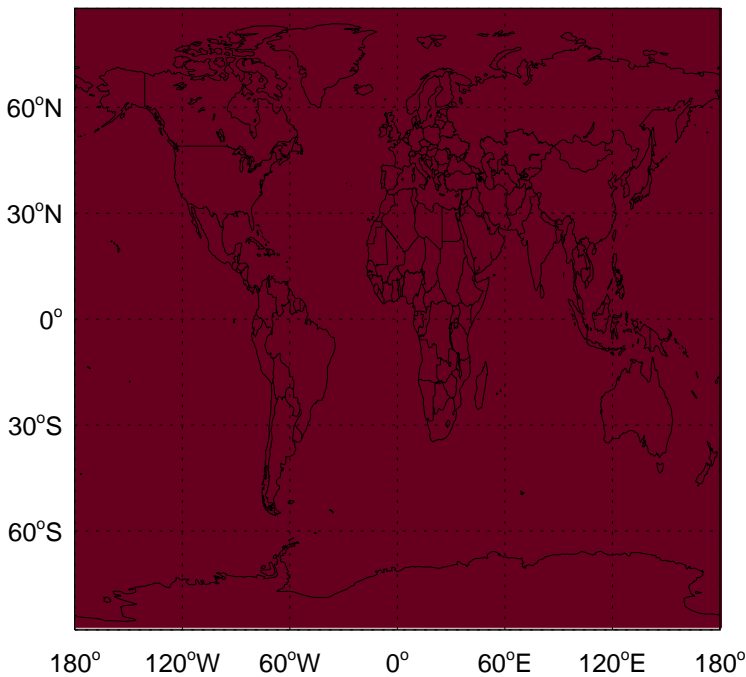
v11-02d / v11-02c

MONITA/ Ratio @ 500 hPa for Oct



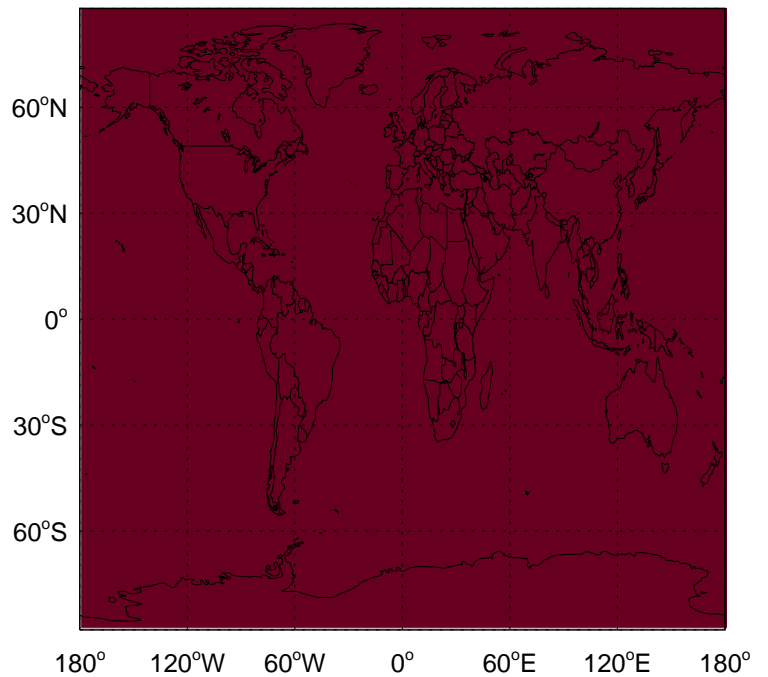
v11-02d / v11-02a

MONITA / Ratio @ Surface for Oct



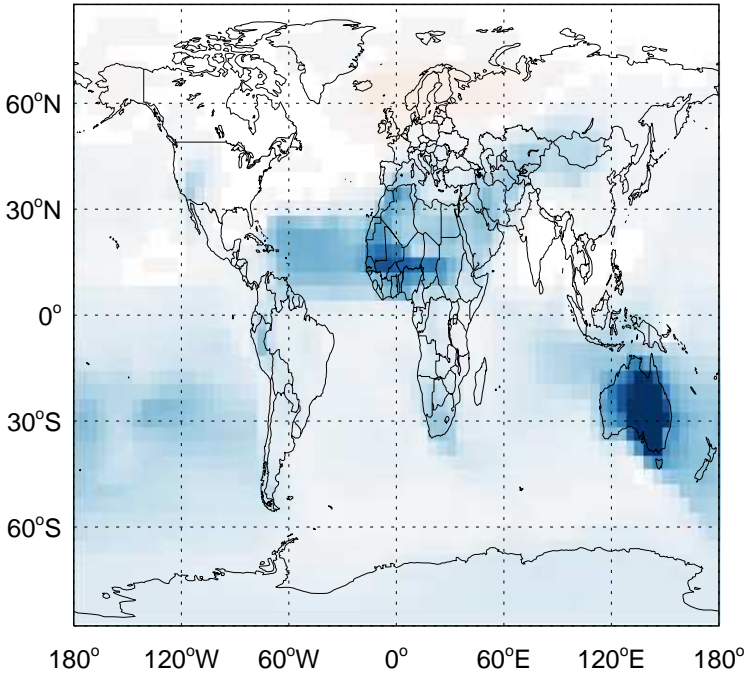
v11-02d / v11-02a

MONITA/ Ratio @ 500 hPa for Oct

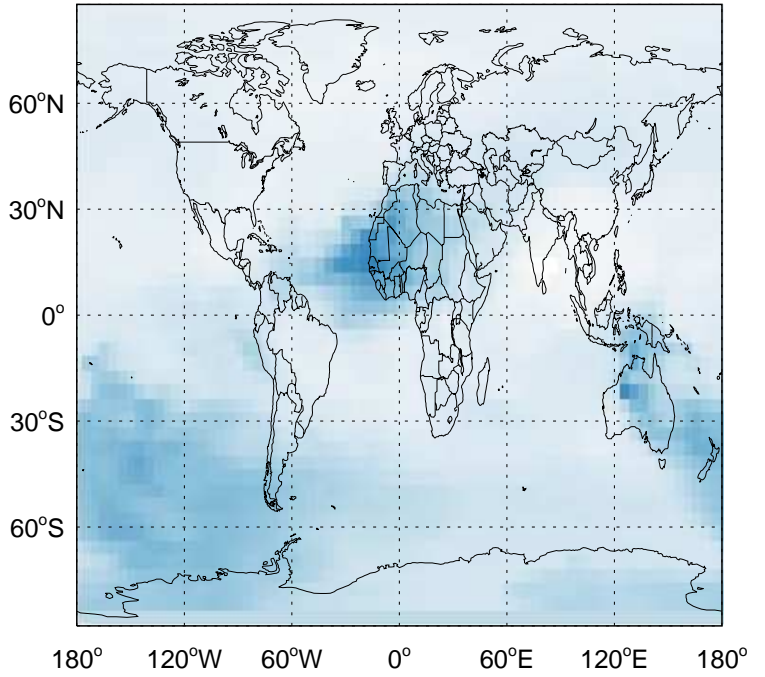


# GEOS-Chem Ratio Maps at surface and 500 hPa

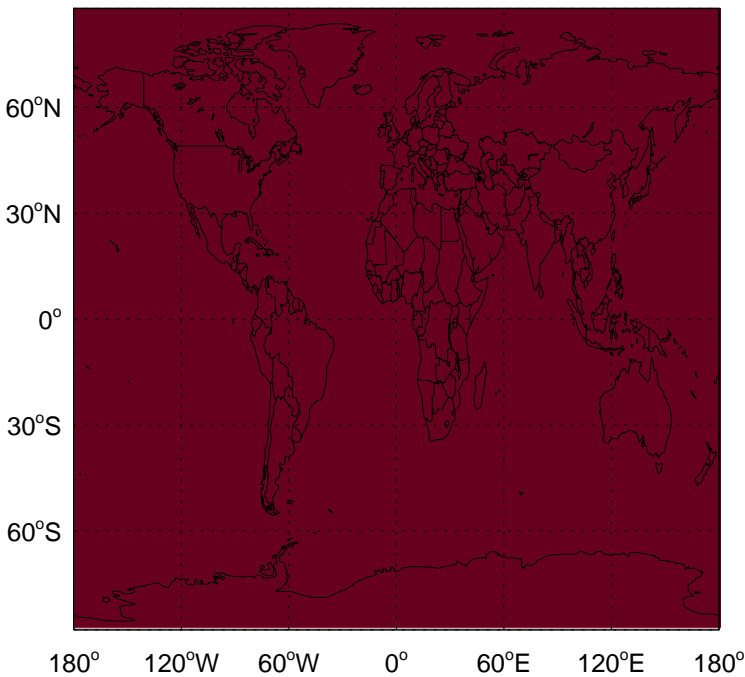
v11-02d / v11-02c  
INDIOL / Ratio @ Surface for Oct



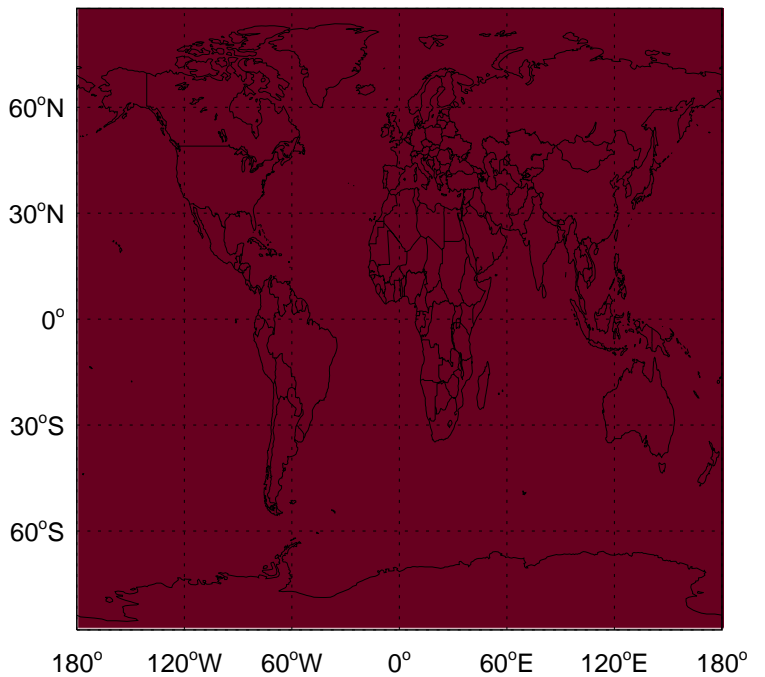
v11-02d / v11-02c  
INDIOL/ Ratio @ 500 hPa for Oct



v11-02d / v11-02a  
INDIOL / Ratio @ Surface for Oct



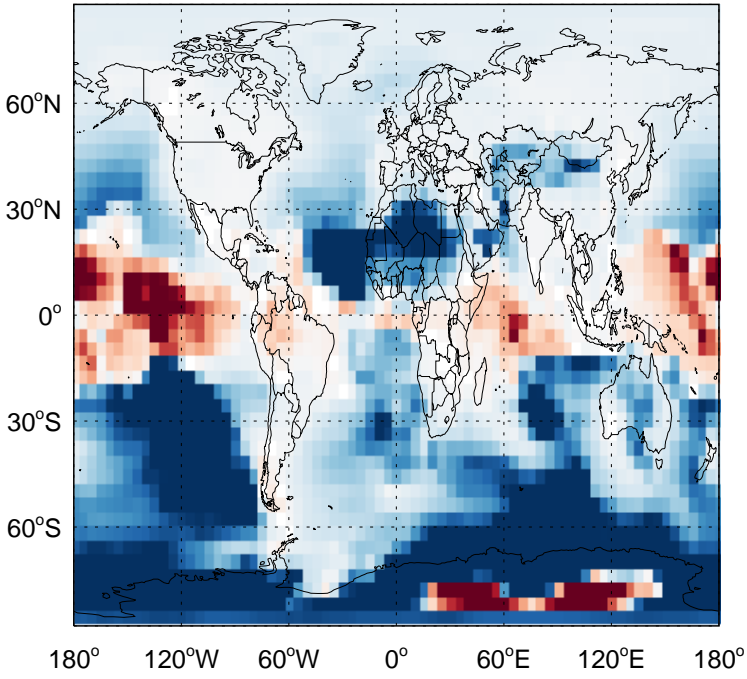
v11-02d / v11-02a  
INDIOL/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

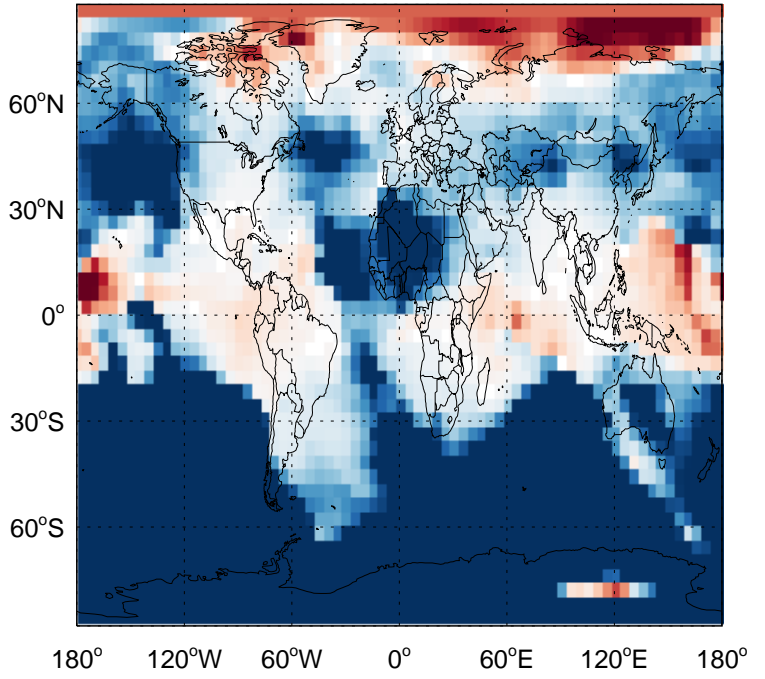
v11-02d / v11-02c

IPMN / Ratio @ Surface for Oct



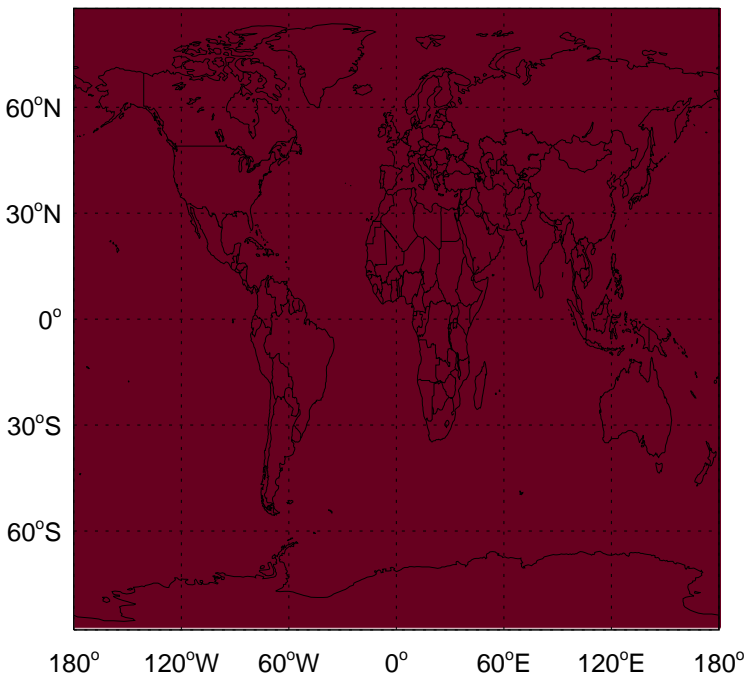
v11-02d / v11-02c

IPMN/ Ratio @ 500 hPa for Oct



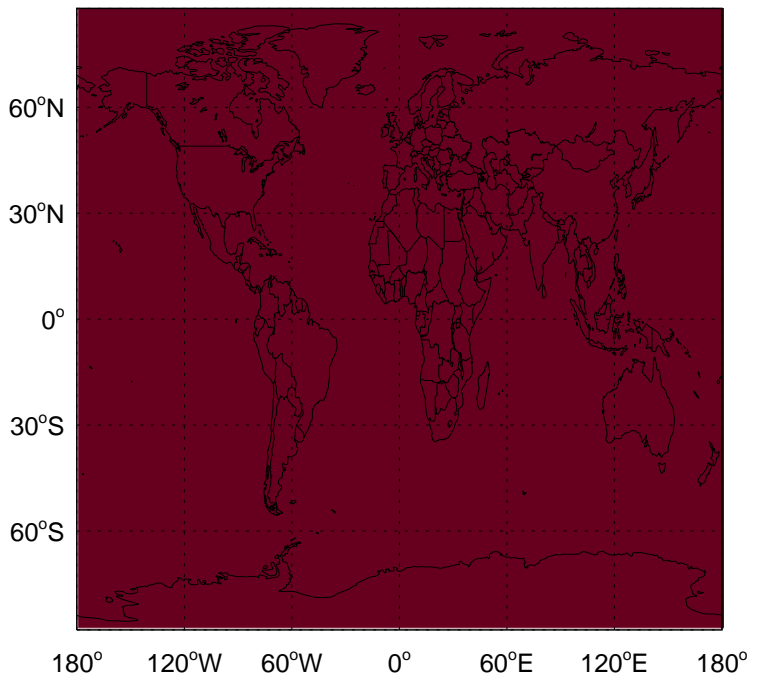
v11-02d / v11-02a

IPMN / Ratio @ Surface for Oct



v11-02d / v11-02a

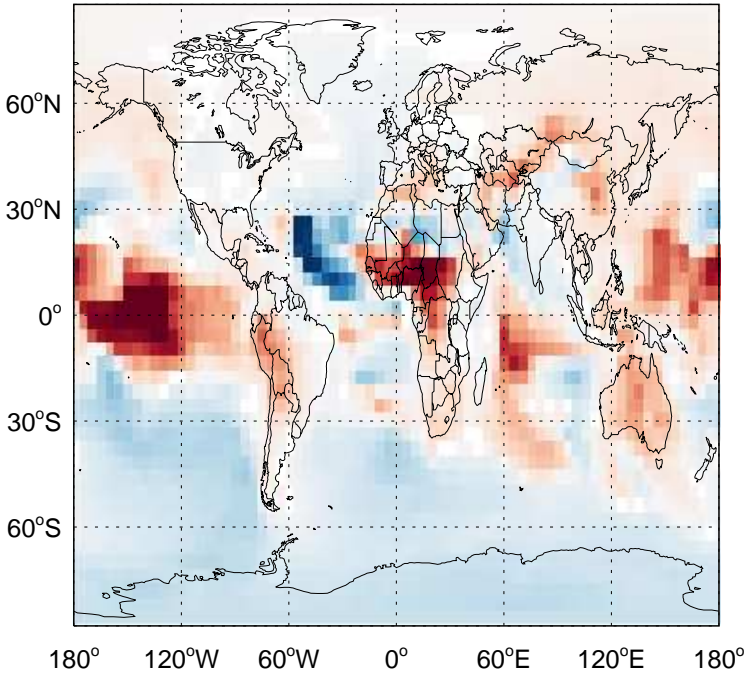
IPMN/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

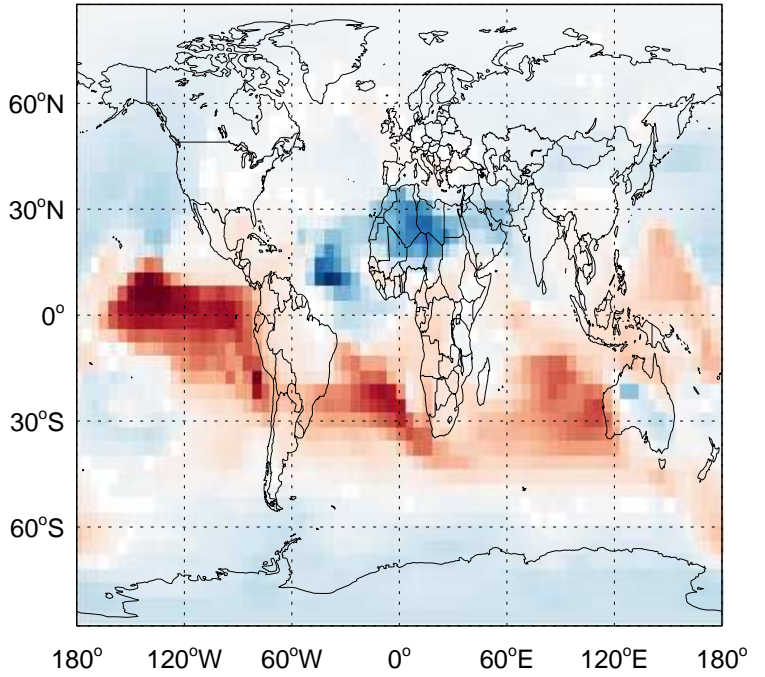
v11-02d / v11-02c

HC187 / Ratio @ Surface for Oct



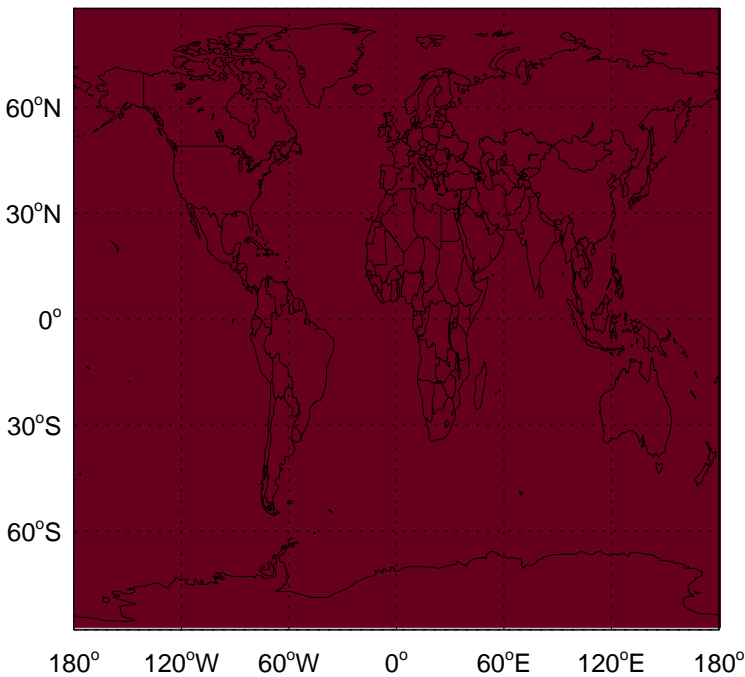
v11-02d / v11-02c

HC187/ Ratio @ 500 hPa for Oct



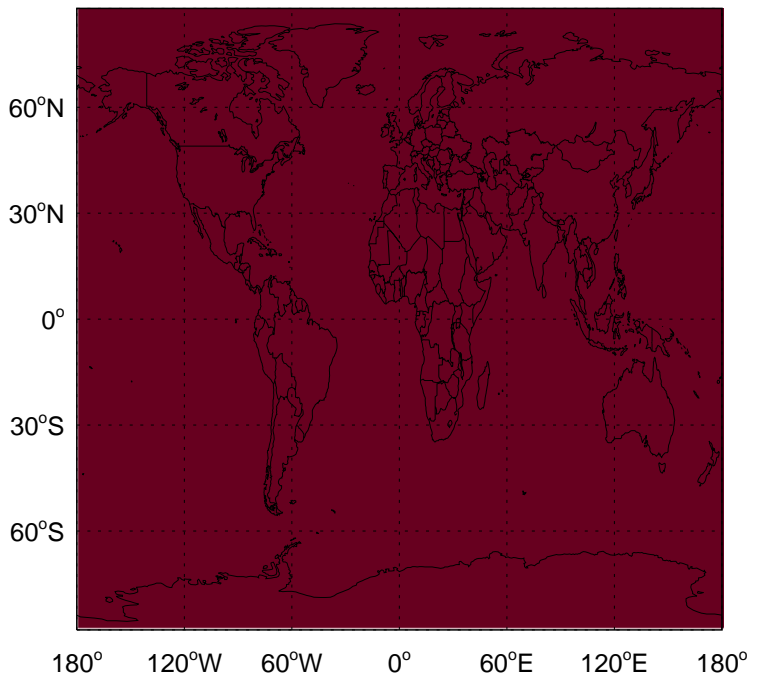
v11-02d / v11-02a

HC187 / Ratio @ Surface for Oct



v11-02d / v11-02a

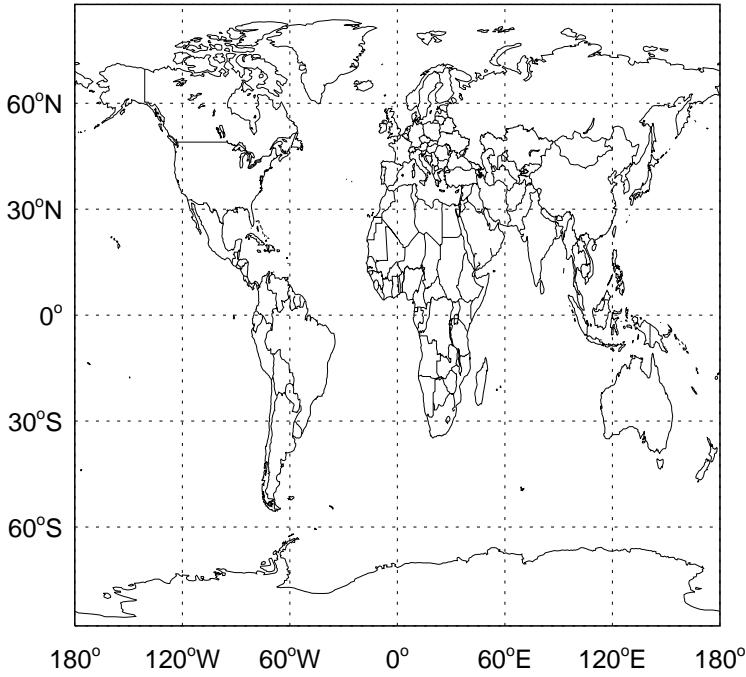
HC187/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

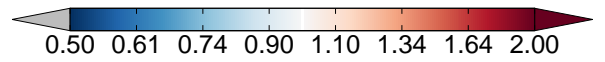
v11-02d / v11-02c

N2O / Ratio @ Surface for Oct



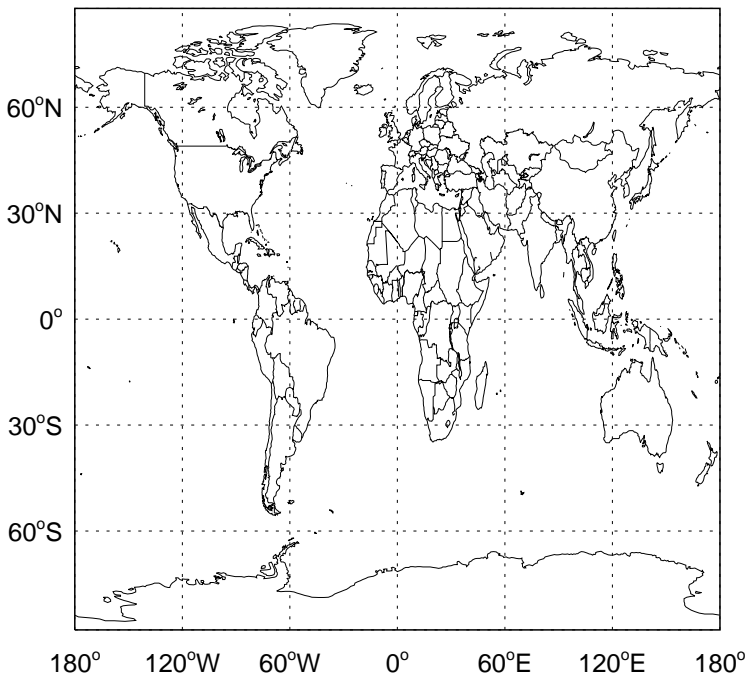
v11-02d / v11-02c

N2O/ Ratio @ 500 hPa for Oct



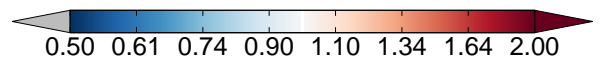
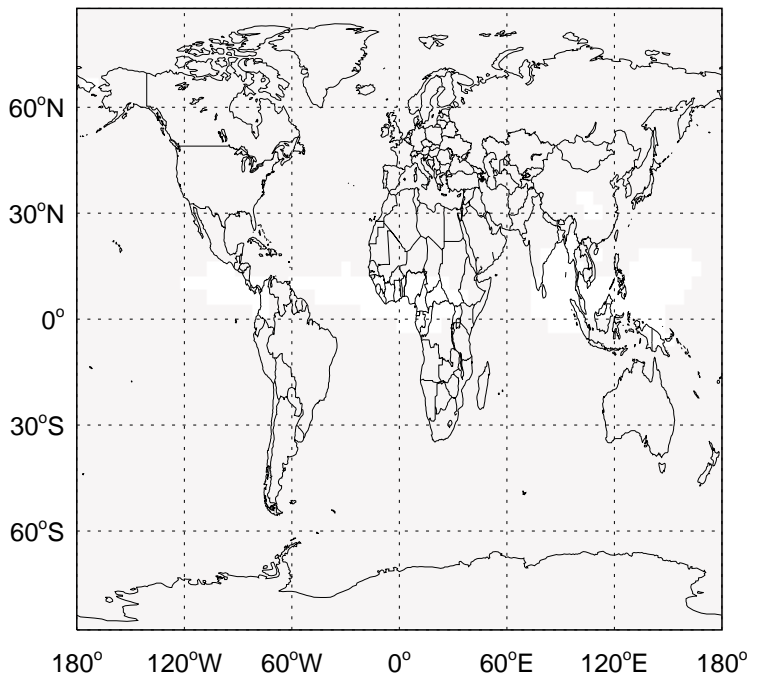
v11-02d / v11-02a

N2O / Ratio @ Surface for Oct



v11-02d / v11-02a

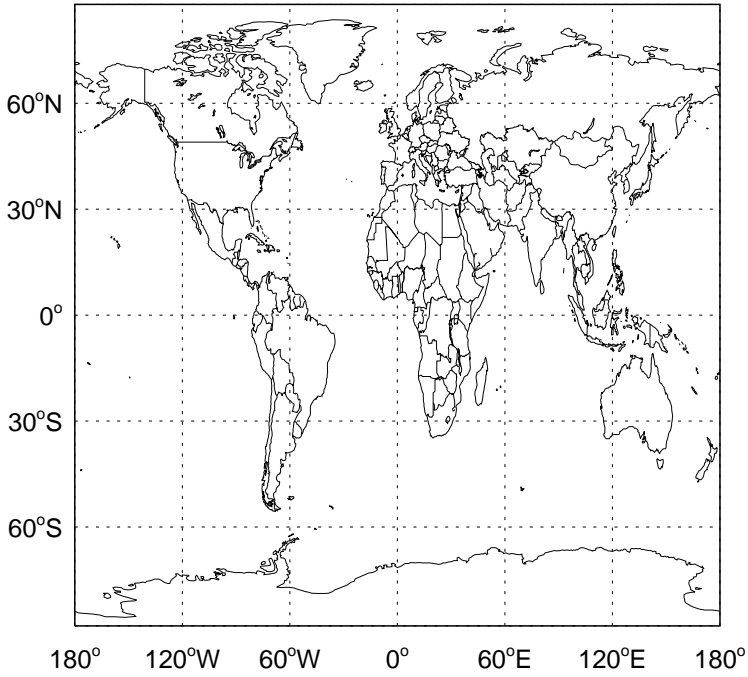
N2O/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

v11-02d / v11-02c

OCS / Ratio @ Surface for Oct



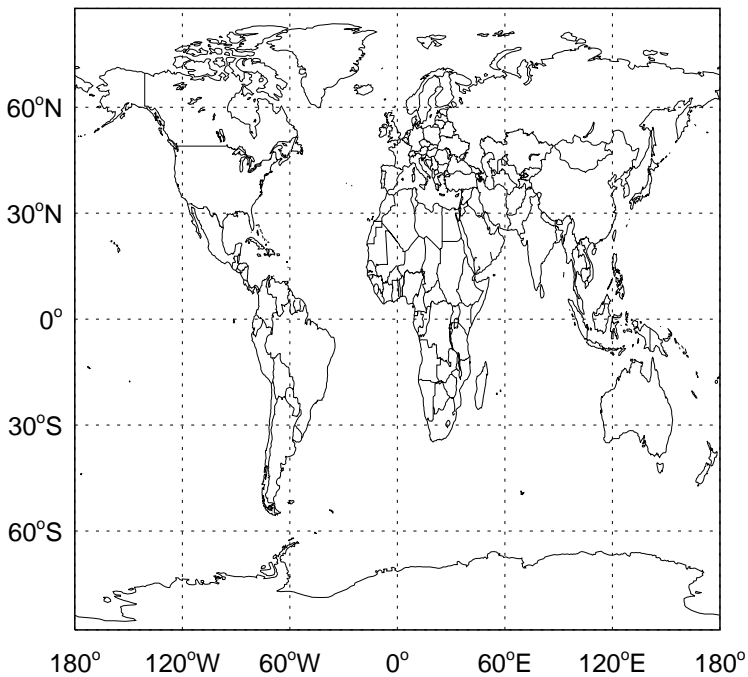
v11-02d / v11-02c

OCS/ Ratio @ 500 hPa for Oct



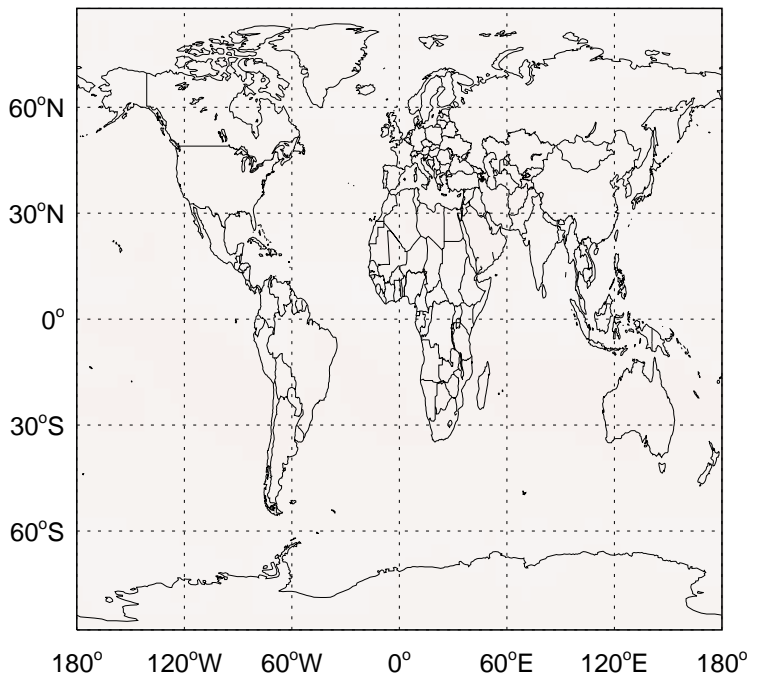
v11-02d / v11-02a

OCS / Ratio @ Surface for Oct



v11-02d / v11-02a

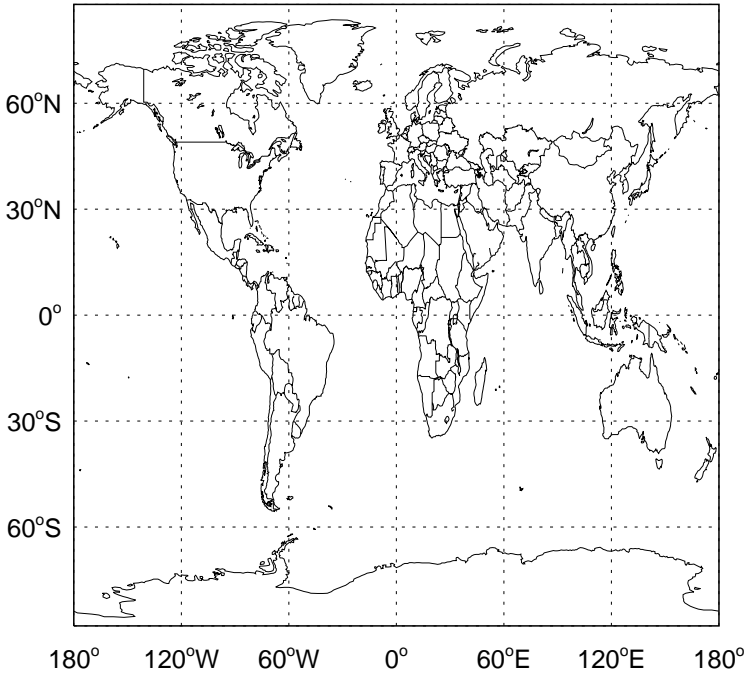
OCS/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

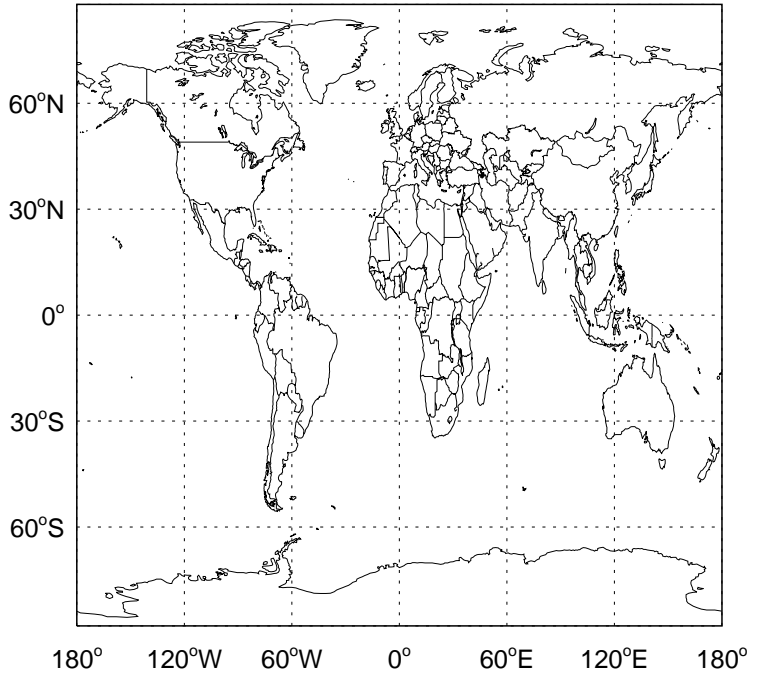
v11-02d / v11-02c

CH4 / Ratio @ Surface for Oct



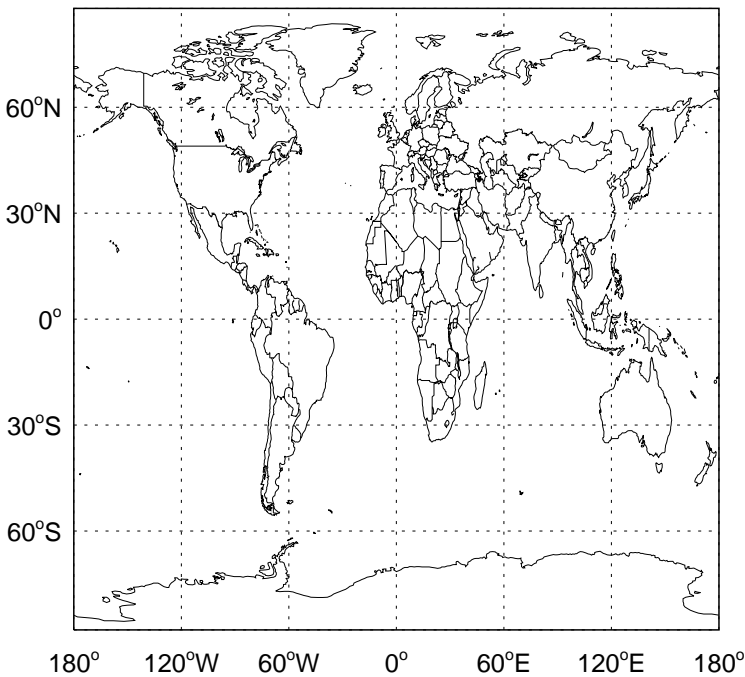
v11-02d / v11-02c

CH4/ Ratio @ 500 hPa for Oct



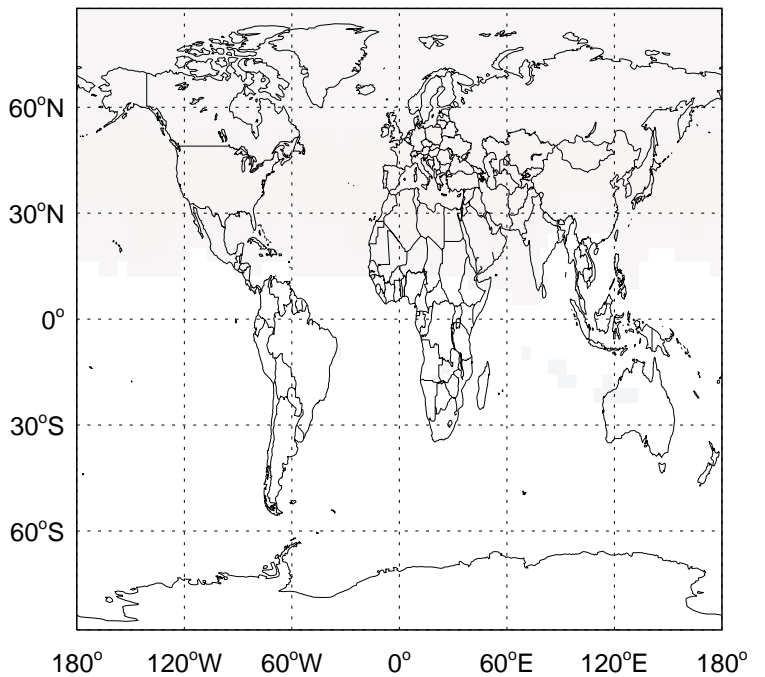
v11-02d / v11-02a

CH4 / Ratio @ Surface for Oct



v11-02d / v11-02a

CH4/ Ratio @ 500 hPa for Oct

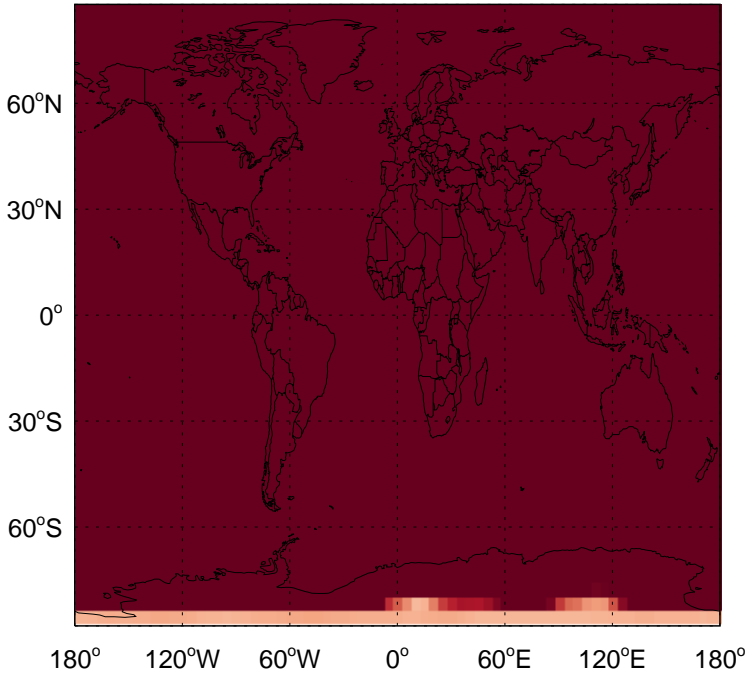




# GEOS-Chem Ratio Maps at surface and 500 hPa

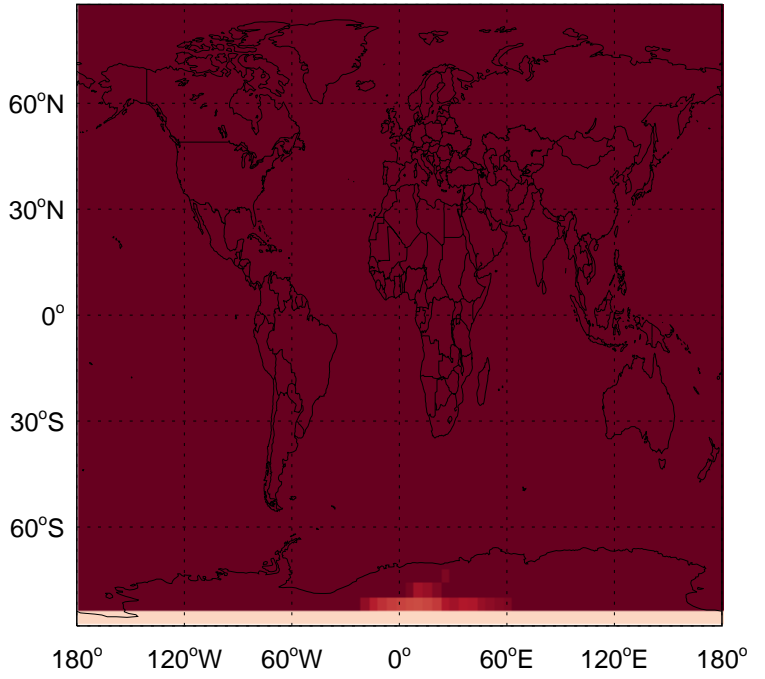
v11-02d / v11-02c

BrCl / Ratio @ Surface for Oct



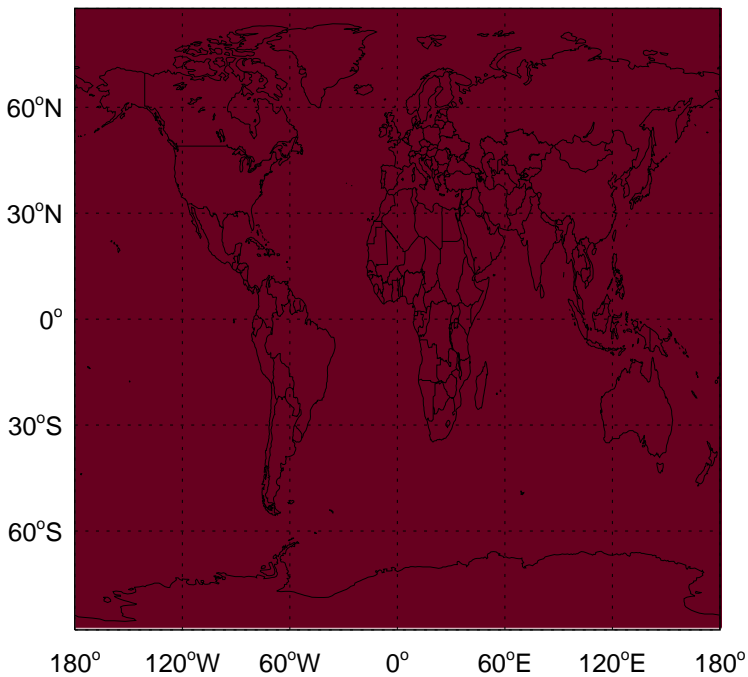
v11-02d / v11-02c

BrCl / Ratio @ 500 hPa for Oct



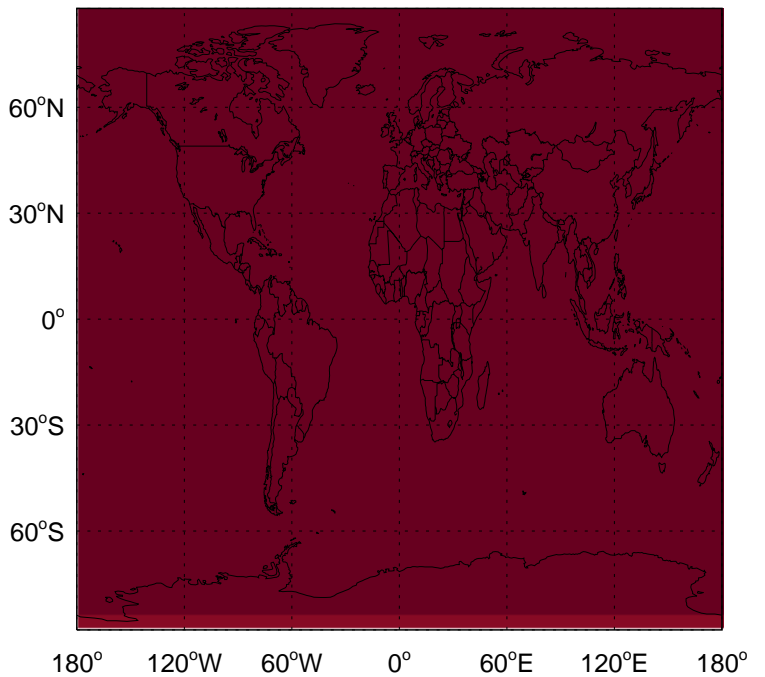
v11-02d / v11-02a

BrCl / Ratio @ Surface for Oct



v11-02d / v11-02a

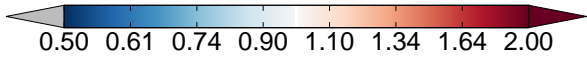
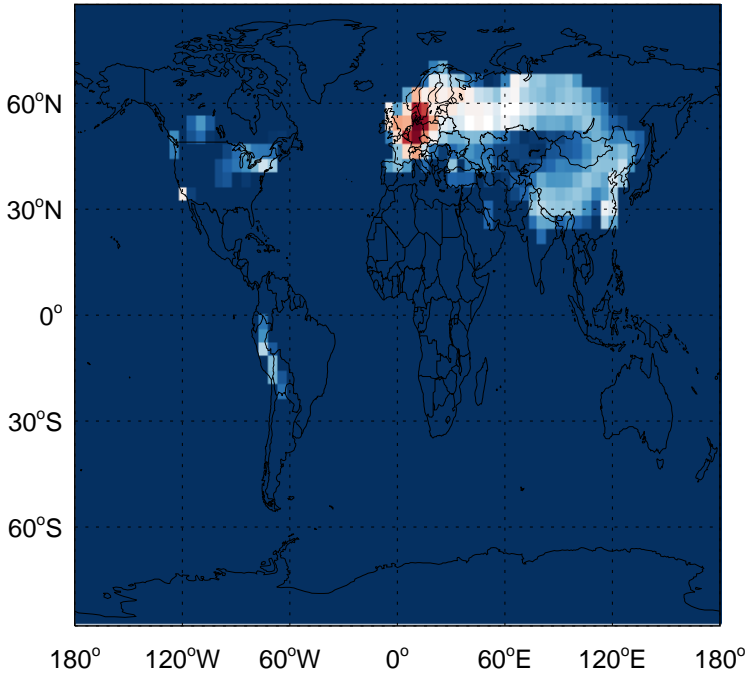
BrCl / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

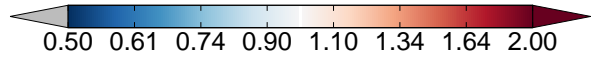
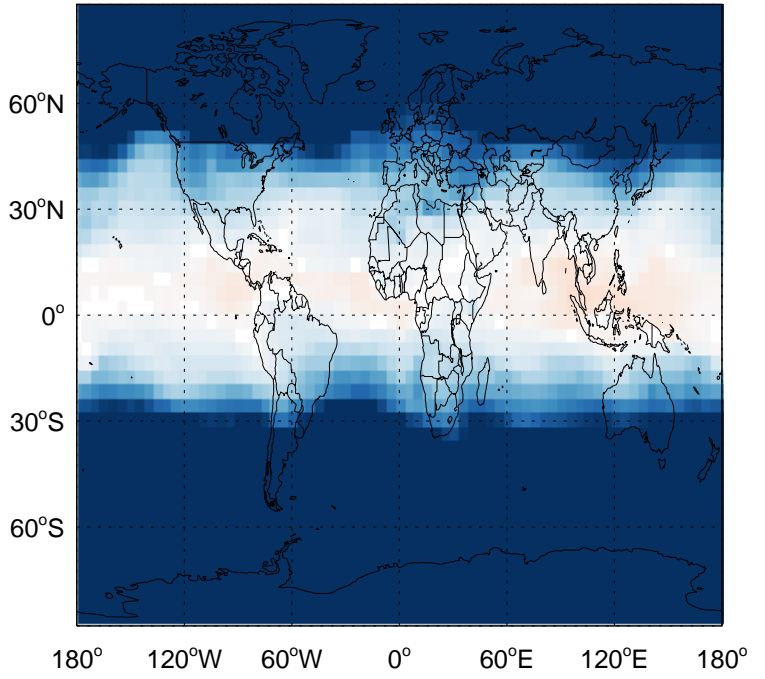
v11-02d / v11-02c

HCl / Ratio @ Surface for Oct



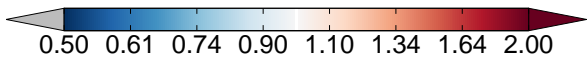
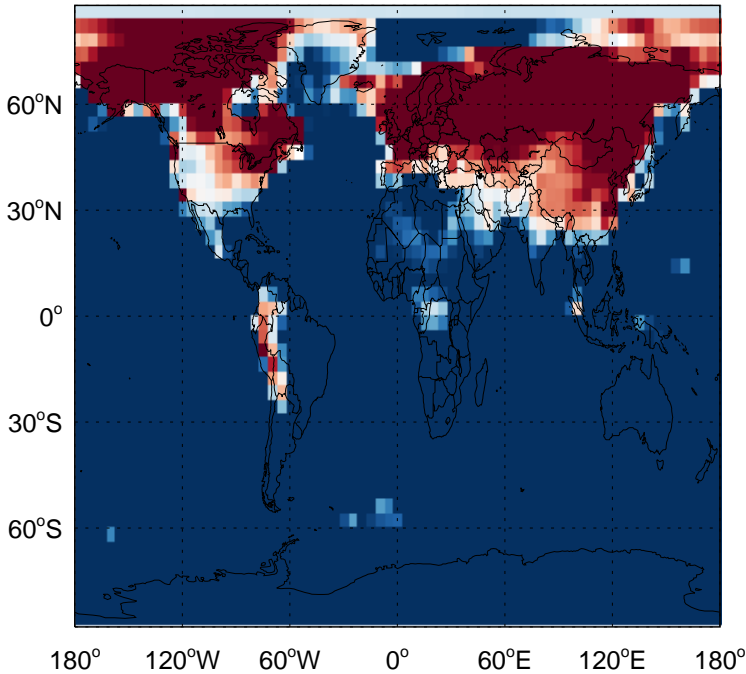
v11-02d / v11-02c

HCl / Ratio @ 500 hPa for Oct



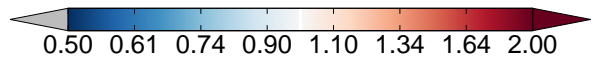
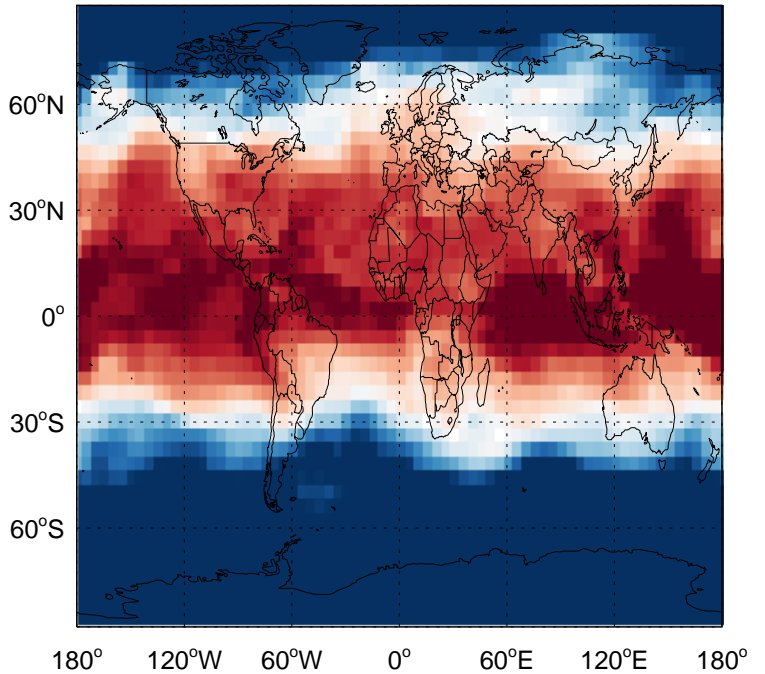
v11-02d / v11-02a

HCl / Ratio @ Surface for Oct



v11-02d / v11-02a

HCl / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

v11-02d / v11-02c

CCI4 / Ratio @ Surface for Oct



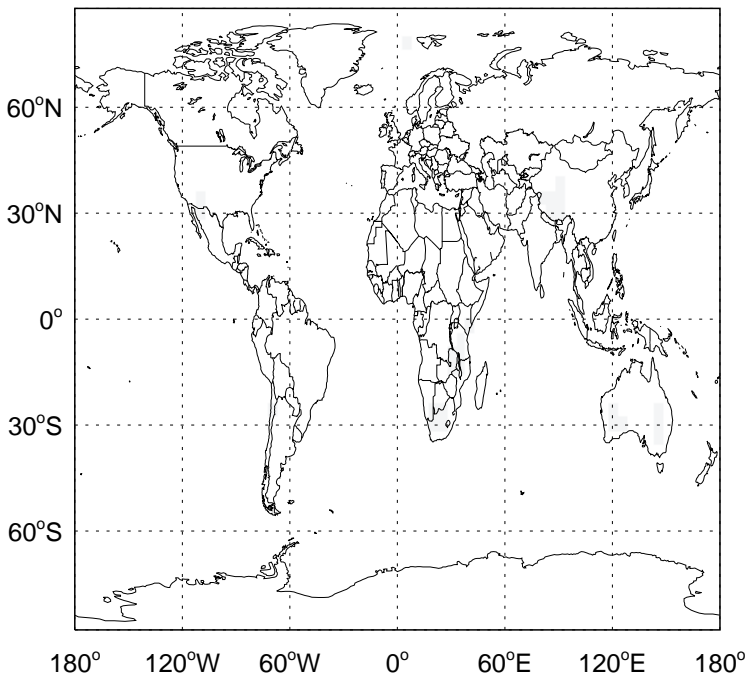
v11-02d / v11-02c

CCI4/ Ratio @ 500 hPa for Oct



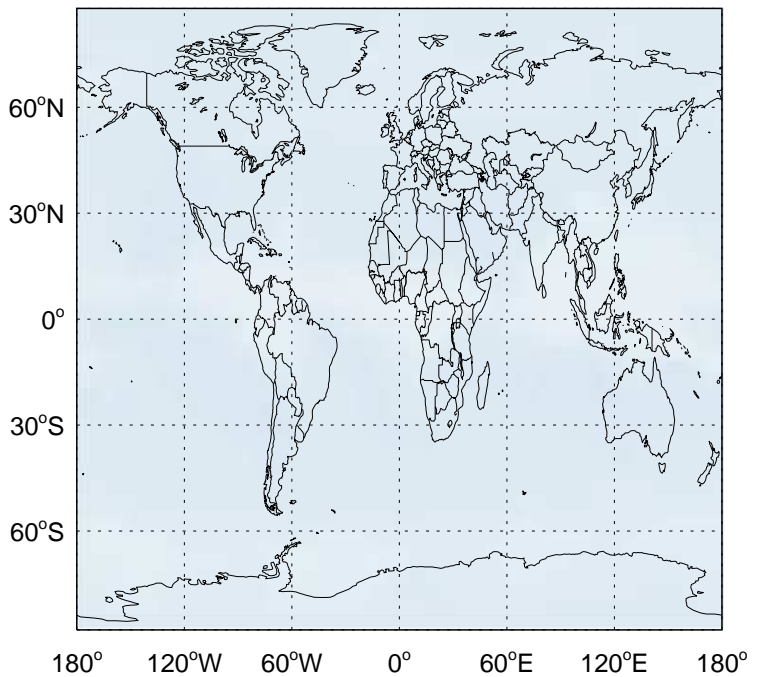
v11-02d / v11-02a

CCI4 / Ratio @ Surface for Oct



v11-02d / v11-02a

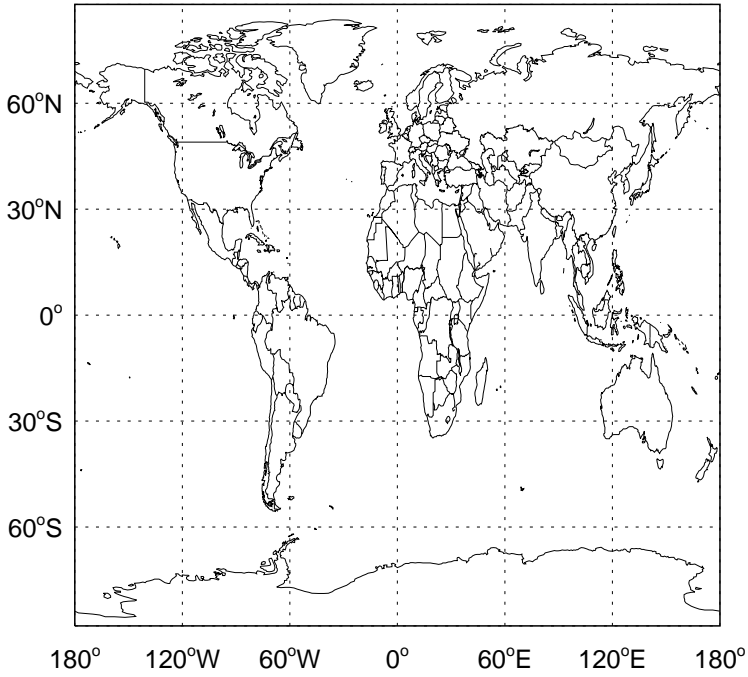
CCI4/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

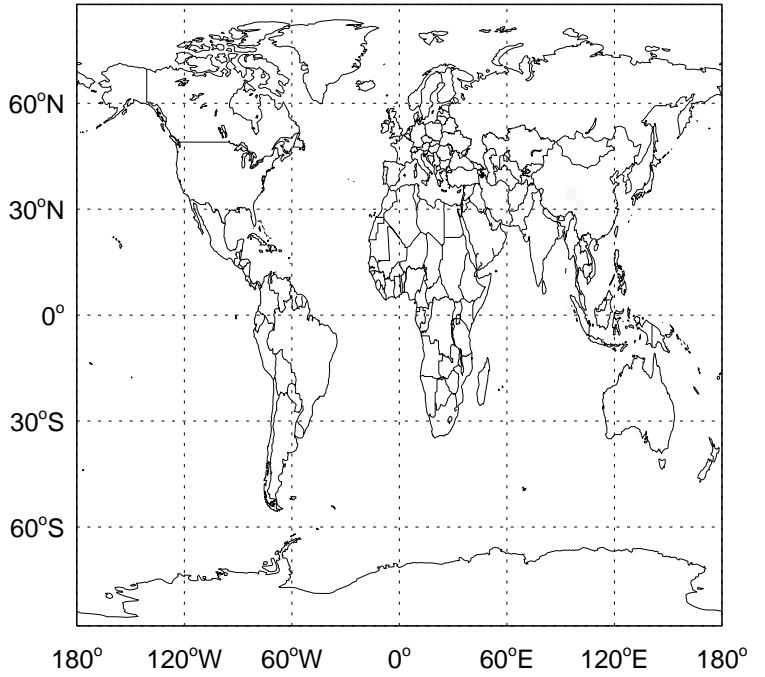
v11-02d / v11-02c

CH3Cl / Ratio @ Surface for Oct



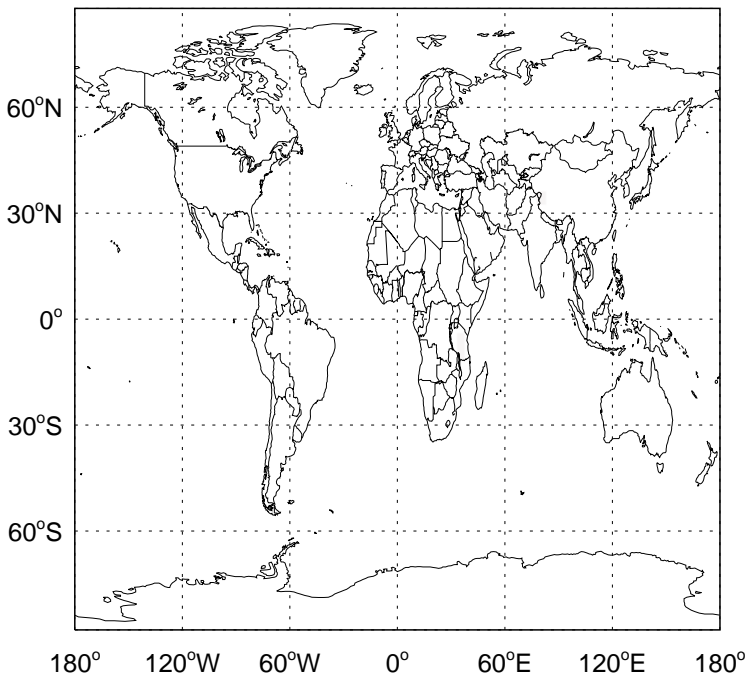
v11-02d / v11-02c

CH3Cl / Ratio @ 500 hPa for Oct



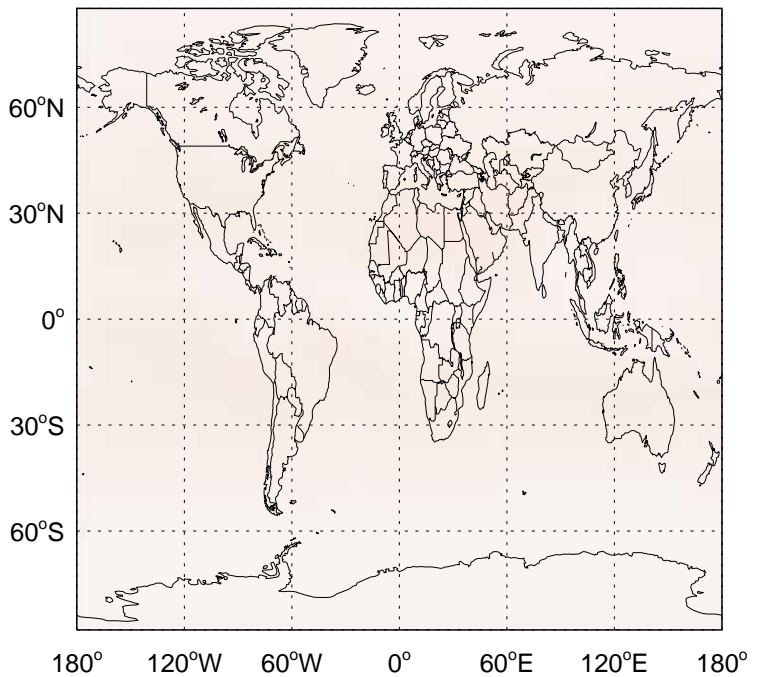
v11-02d / v11-02a

CH3Cl / Ratio @ Surface for Oct



v11-02d / v11-02a

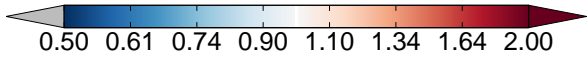
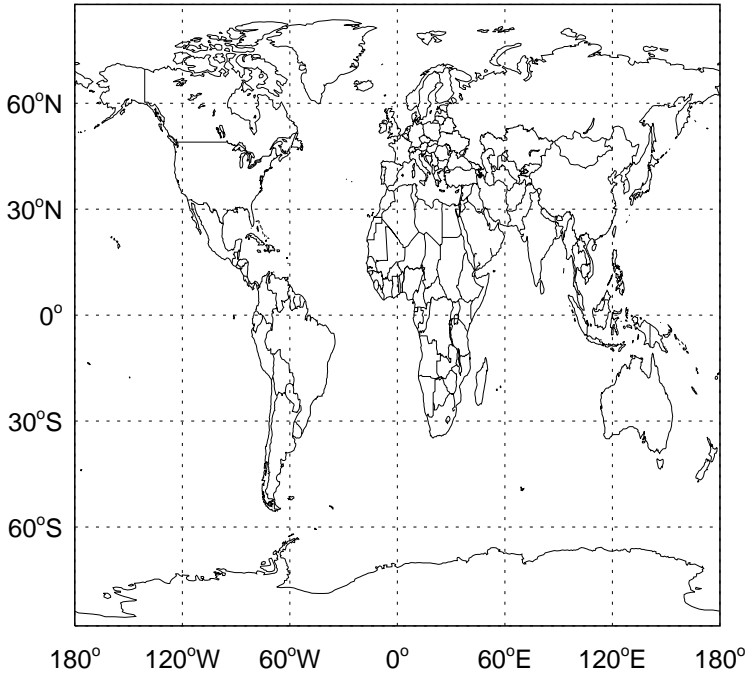
CH3Cl / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

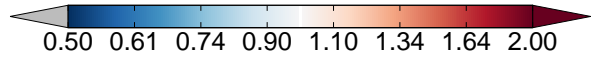
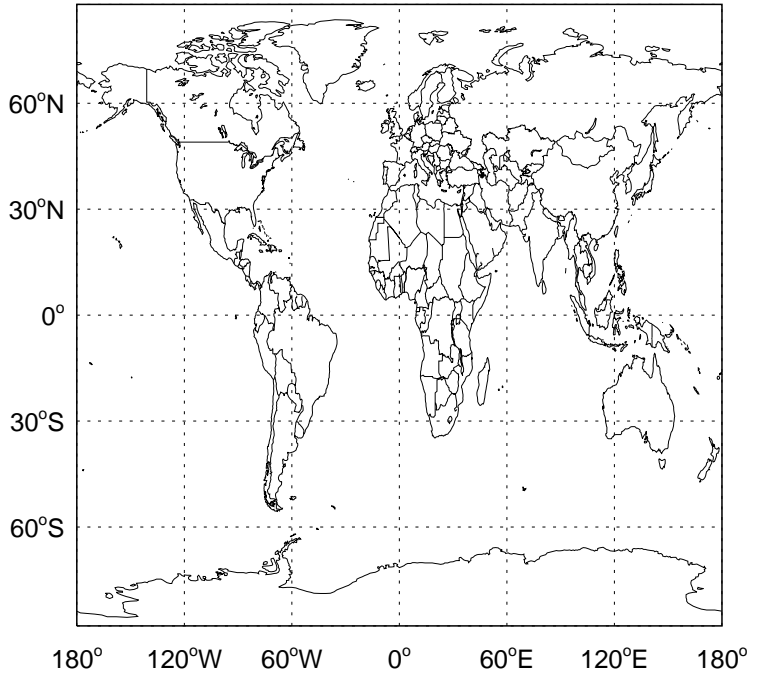
v11-02d / v11-02c

CH<sub>3</sub>CCl<sub>3</sub> / Ratio @ Surface for Oct



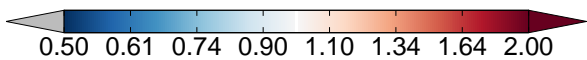
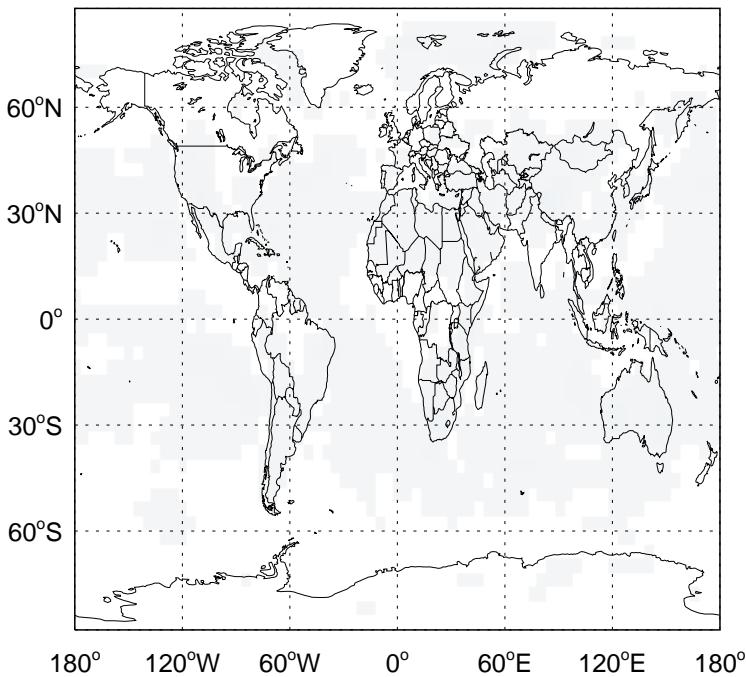
v11-02d / v11-02c

CH<sub>3</sub>CCl<sub>3</sub> / Ratio @ 500 hPa for Oct



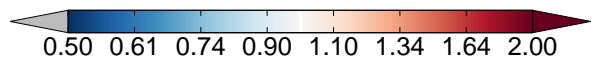
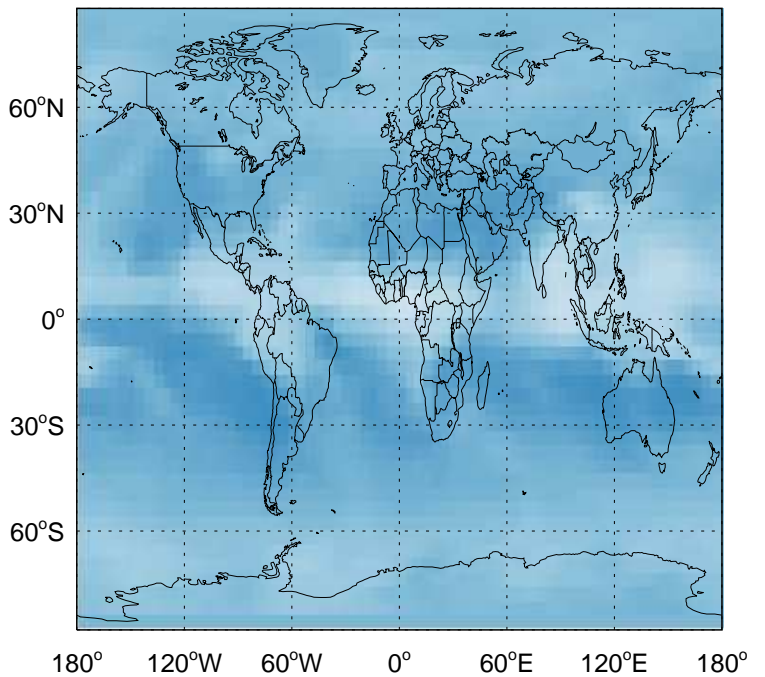
v11-02d / v11-02a

CH<sub>3</sub>CCl<sub>3</sub> / Ratio @ Surface for Oct



v11-02d / v11-02a

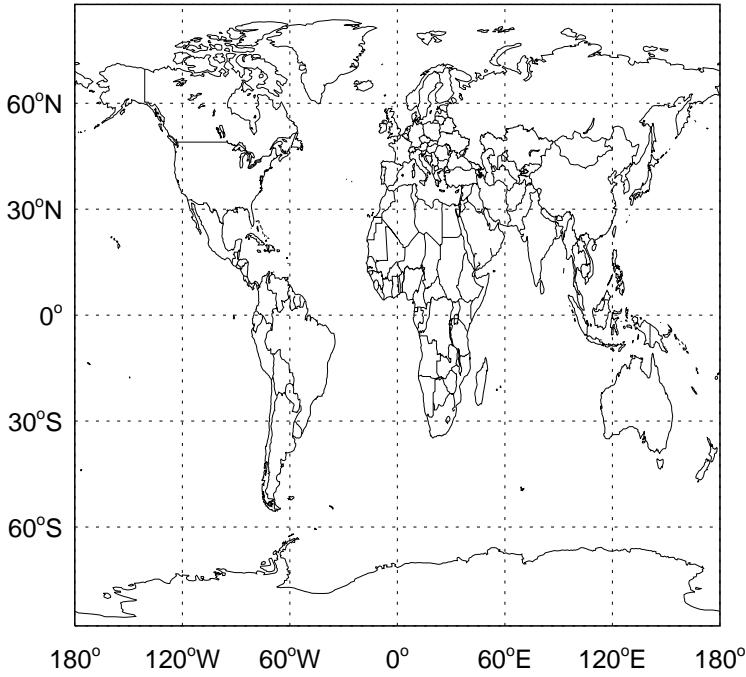
CH<sub>3</sub>CCl<sub>3</sub> / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

v11-02d / v11-02c

CFC113 / Ratio @ Surface for Oct



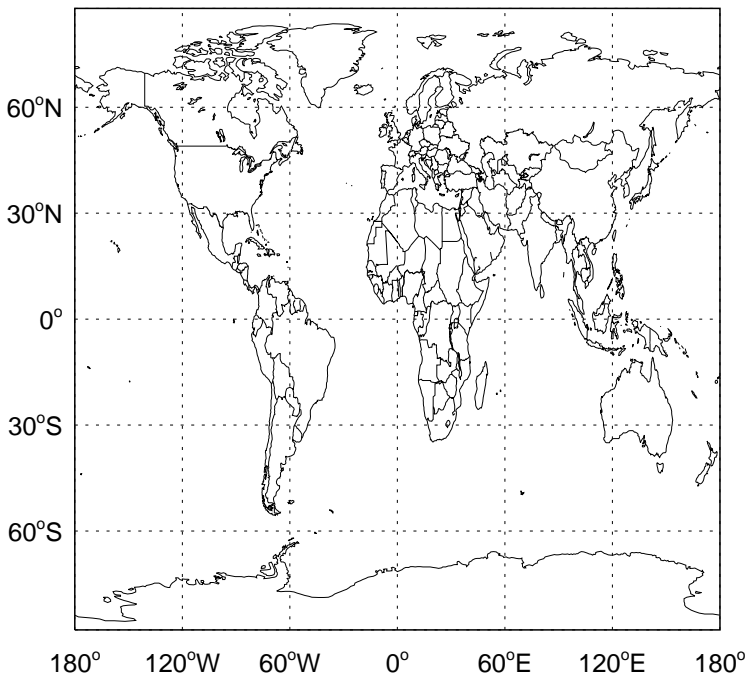
v11-02d / v11-02c

CFC113/ Ratio @ 500 hPa for Oct



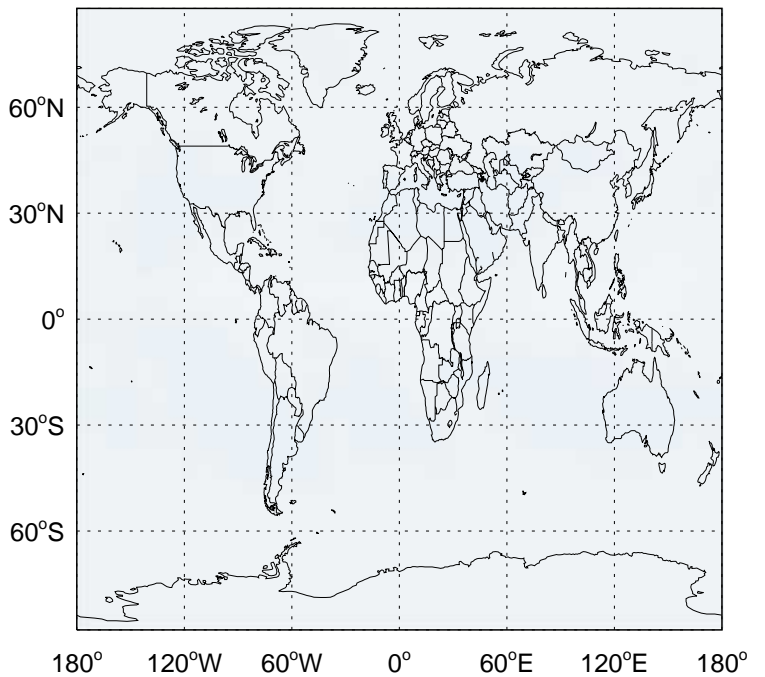
v11-02d / v11-02a

CFC113 / Ratio @ Surface for Oct



v11-02d / v11-02a

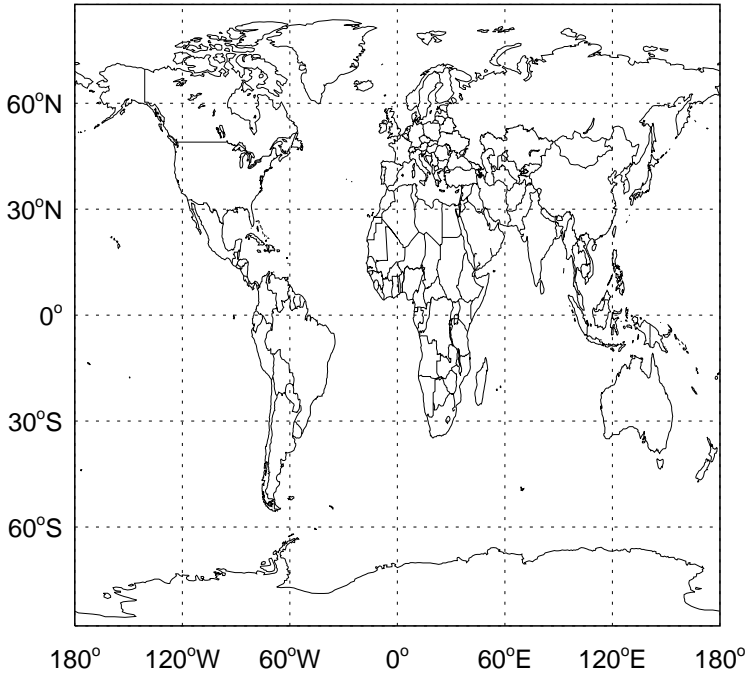
CFC113/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

v11-02d / v11-02c

CFC114 / Ratio @ Surface for Oct



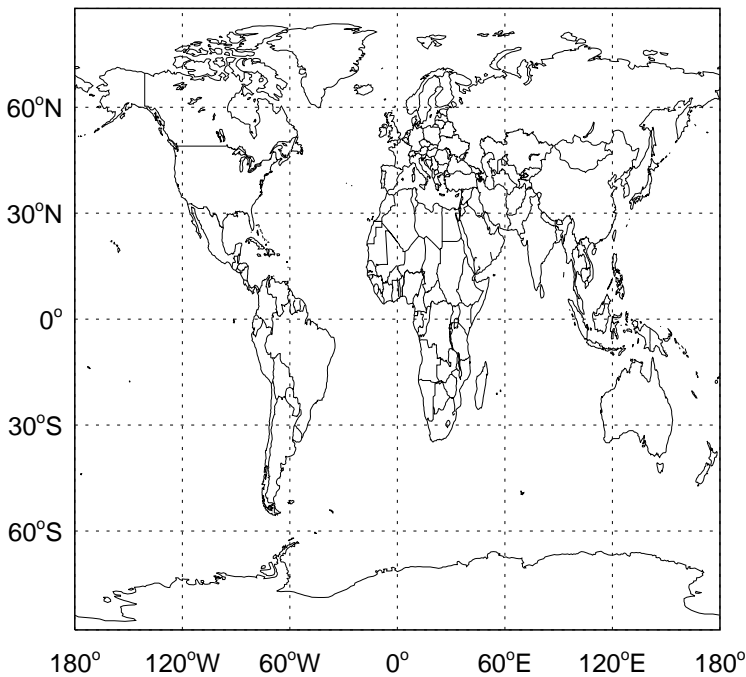
v11-02d / v11-02c

CFC114/ Ratio @ 500 hPa for Oct



v11-02d / v11-02a

CFC114 / Ratio @ Surface for Oct



v11-02d / v11-02a

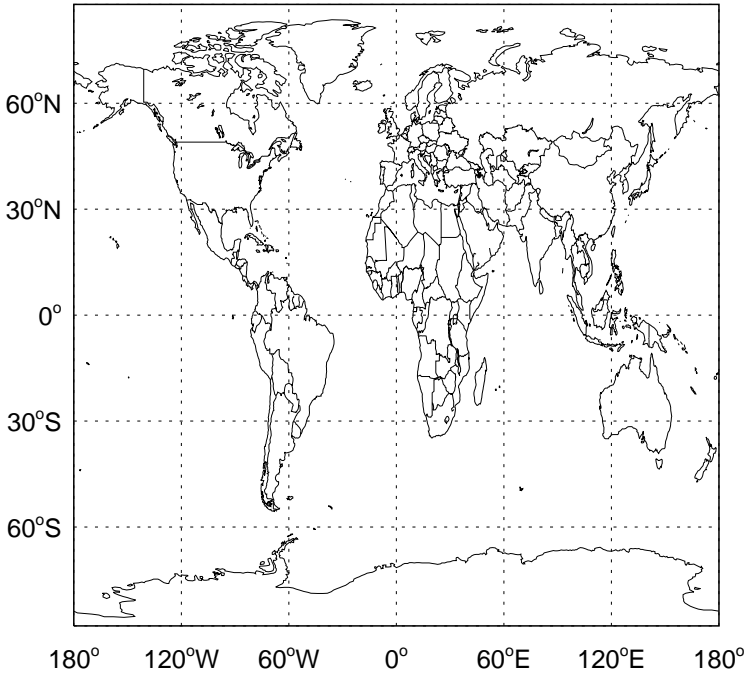
CFC114/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

v11-02d / v11-02c

CFC115 / Ratio @ Surface for Oct



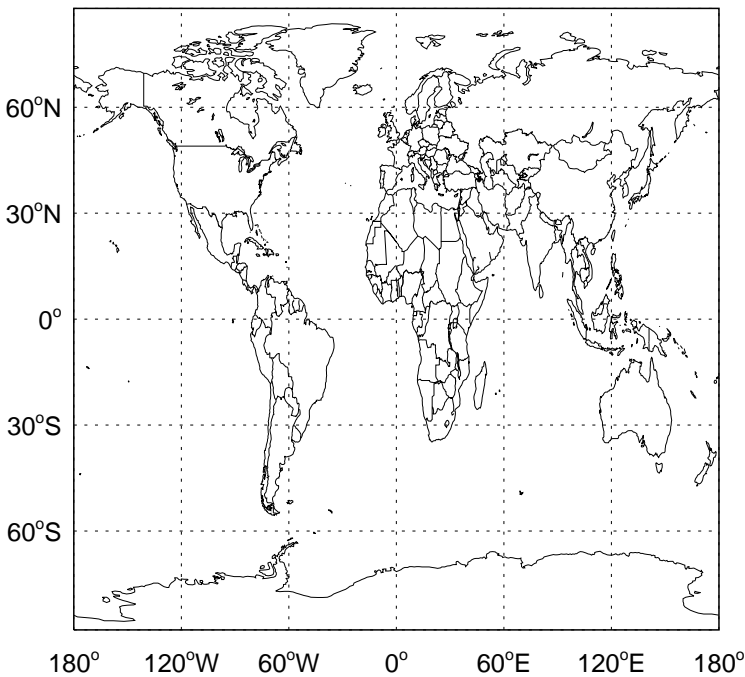
v11-02d / v11-02c

CFC115/ Ratio @ 500 hPa for Oct



v11-02d / v11-02a

CFC115 / Ratio @ Surface for Oct



v11-02d / v11-02a

CFC115/ Ratio @ 500 hPa for Oct

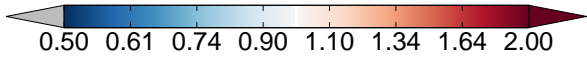
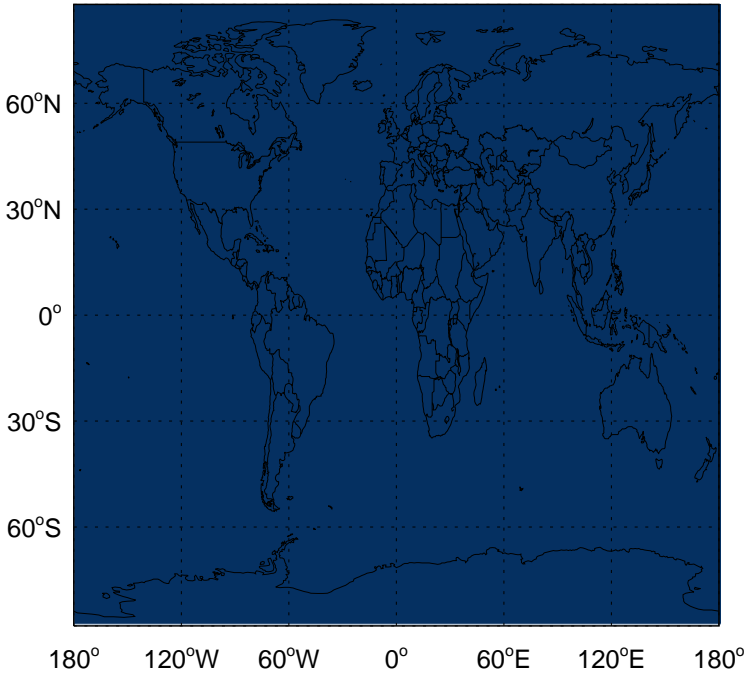




# GEOS-Chem Ratio Maps at surface and 500 hPa

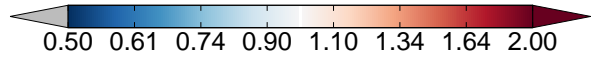
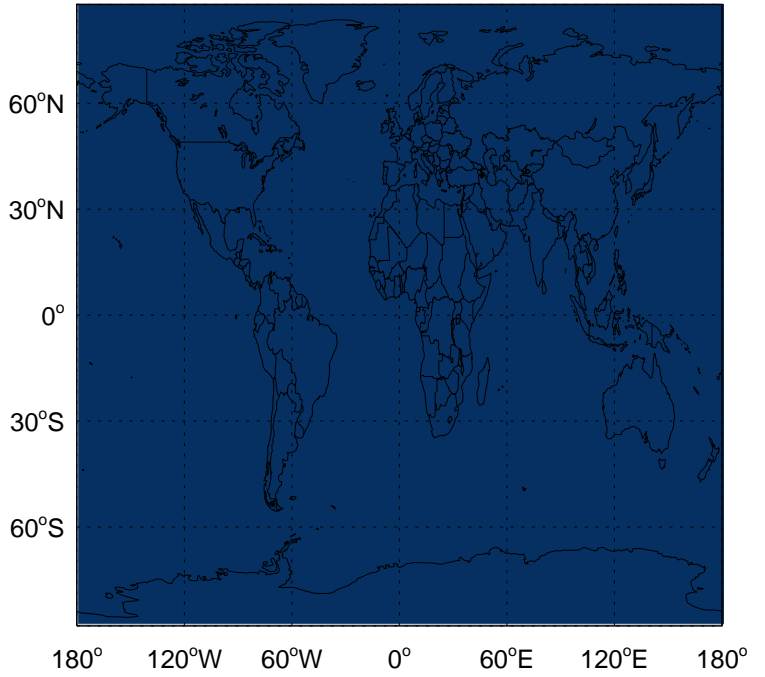
v11-02d / v11-02c

HCFC123 / Ratio @ Surface for Oct



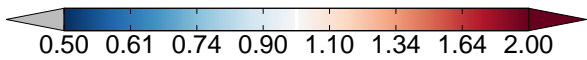
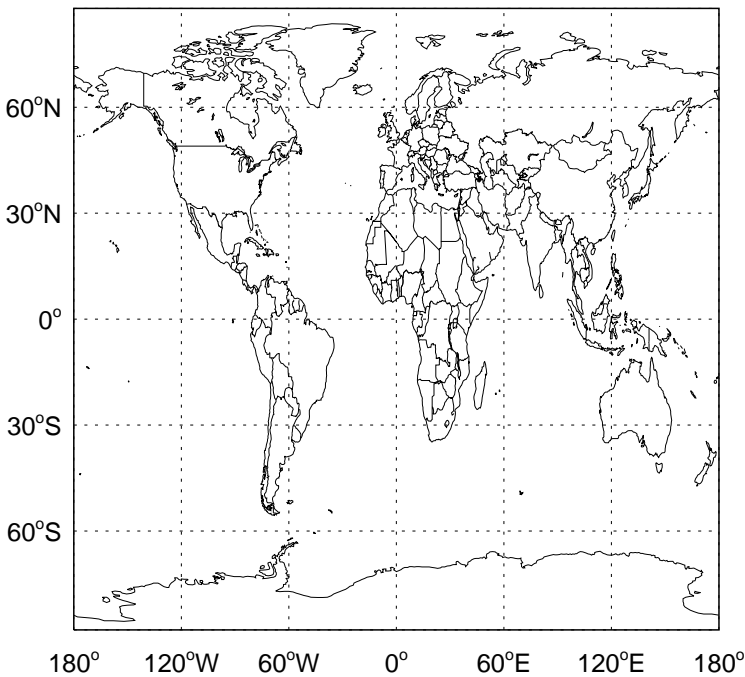
v11-02d / v11-02c

HCFC123/ Ratio @ 500 hPa for Oct



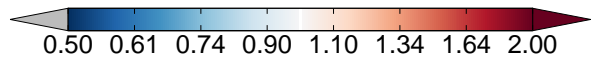
v11-02d / v11-02a

HCFC123 / Ratio @ Surface for Oct



v11-02d / v11-02a

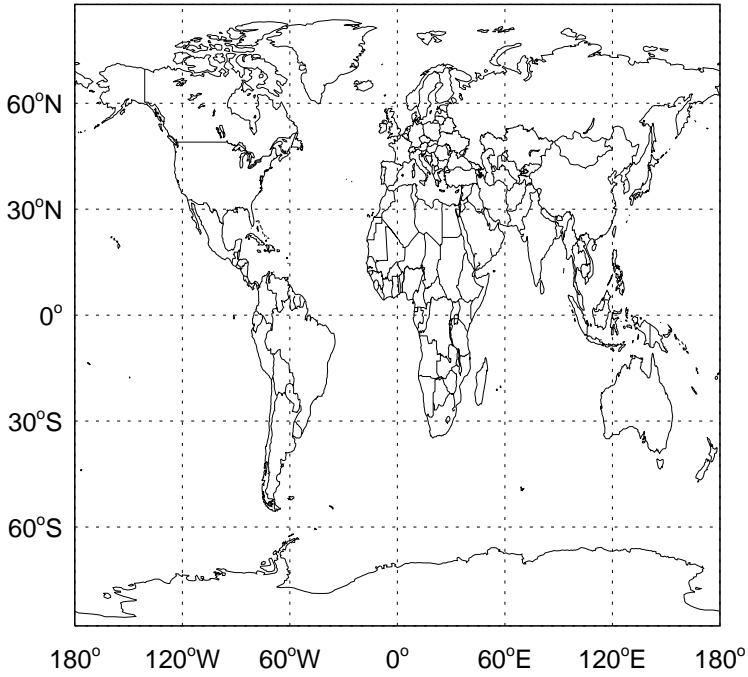
HCFC123/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

v11-02d / v11-02c

HCFC141b / Ratio @ Surface for Oct



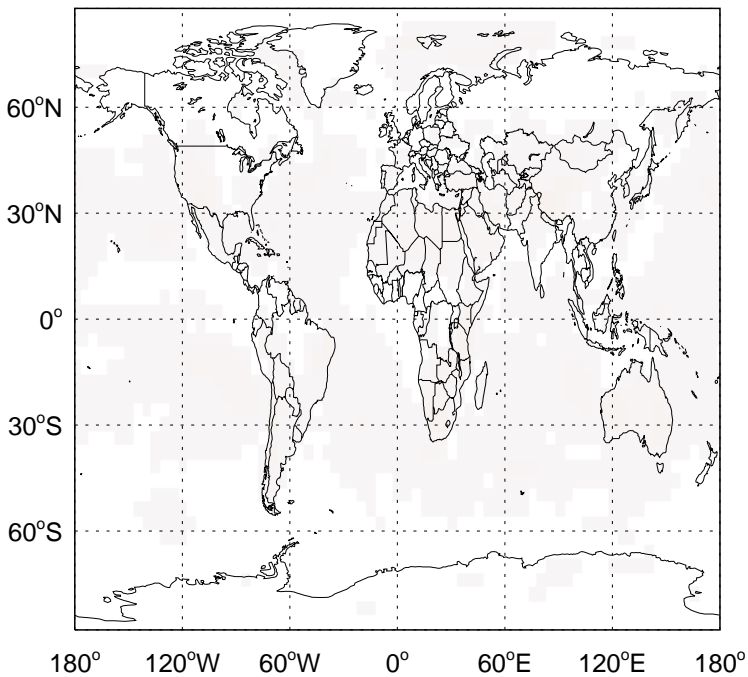
v11-02d / v11-02c

HCFC141b / Ratio @ 500 hPa for Oct



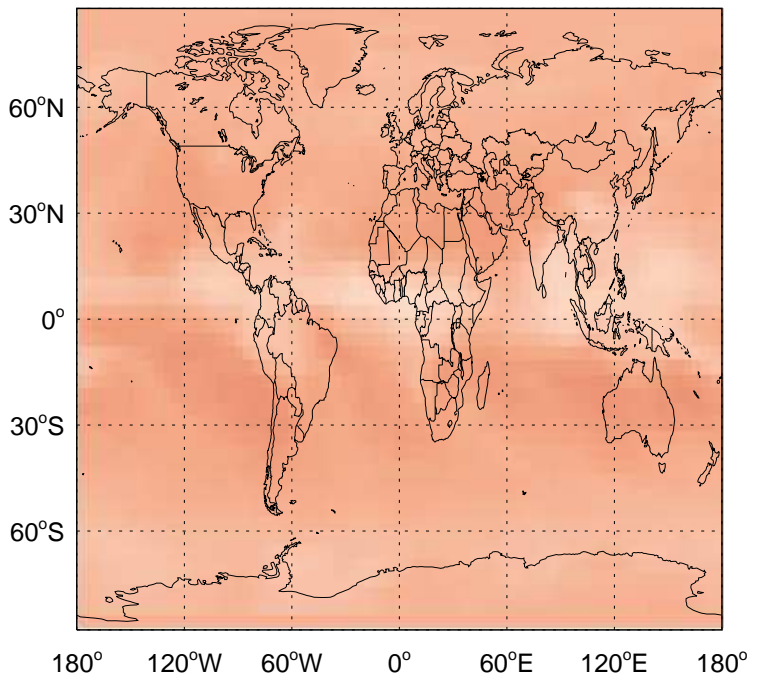
v11-02d / v11-02a

HCFC141b / Ratio @ Surface for Oct



v11-02d / v11-02a

HCFC141b / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

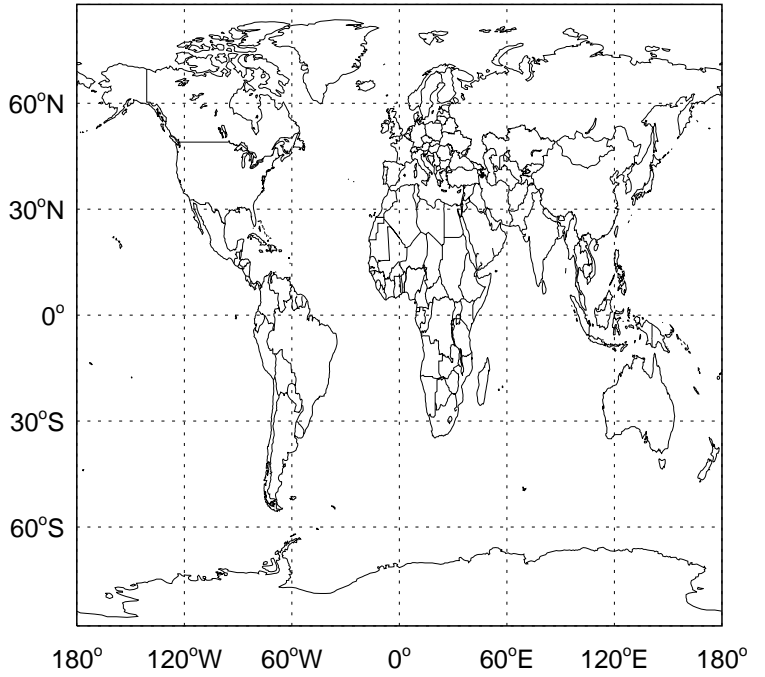
v11-02d / v11-02c

HCFC142b / Ratio @ Surface for Oct



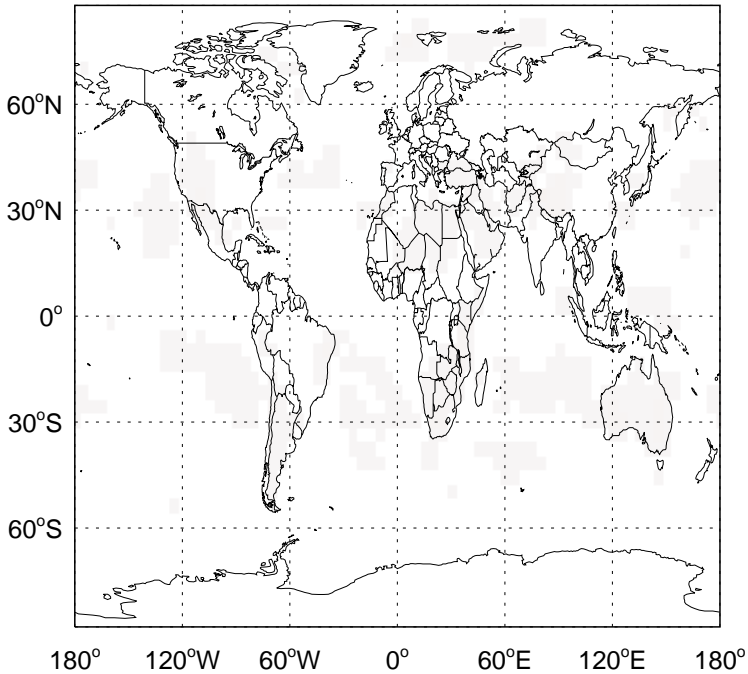
v11-02d / v11-02c

HCFC142b/ Ratio @ 500 hPa for Oct



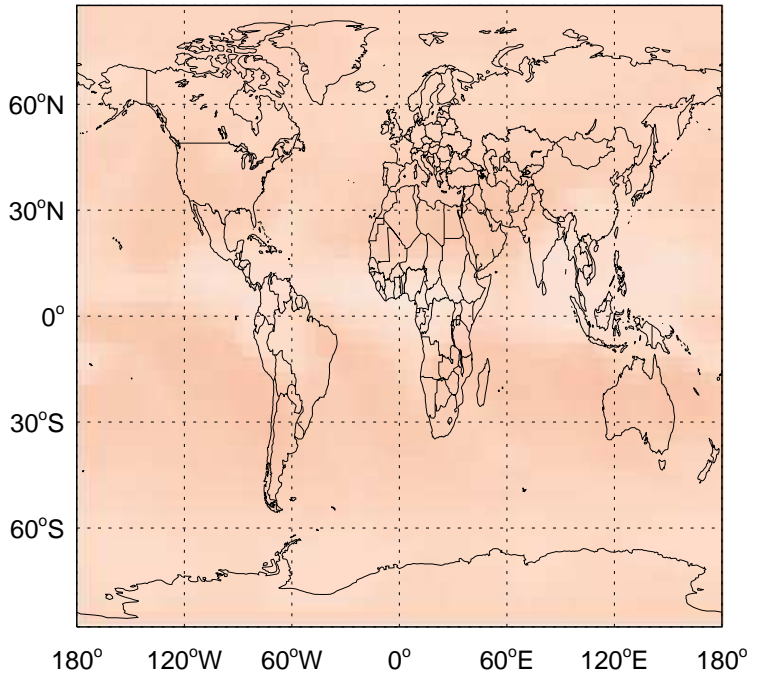
v11-02d / v11-02a

HCFC142b / Ratio @ Surface for Oct



v11-02d / v11-02a

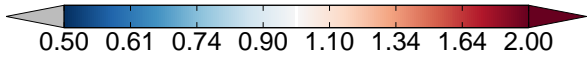
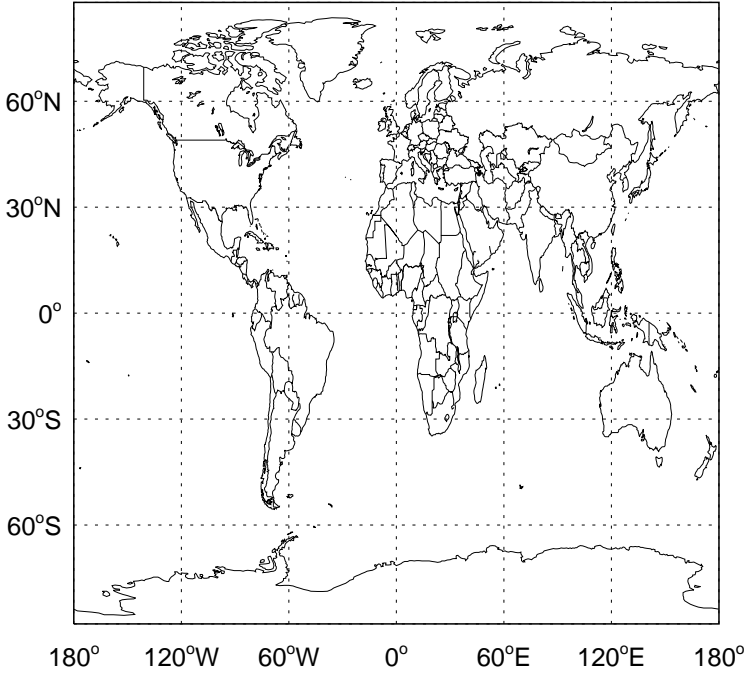
HCFC142b/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

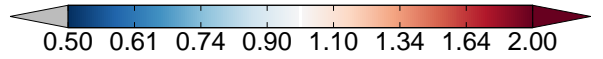
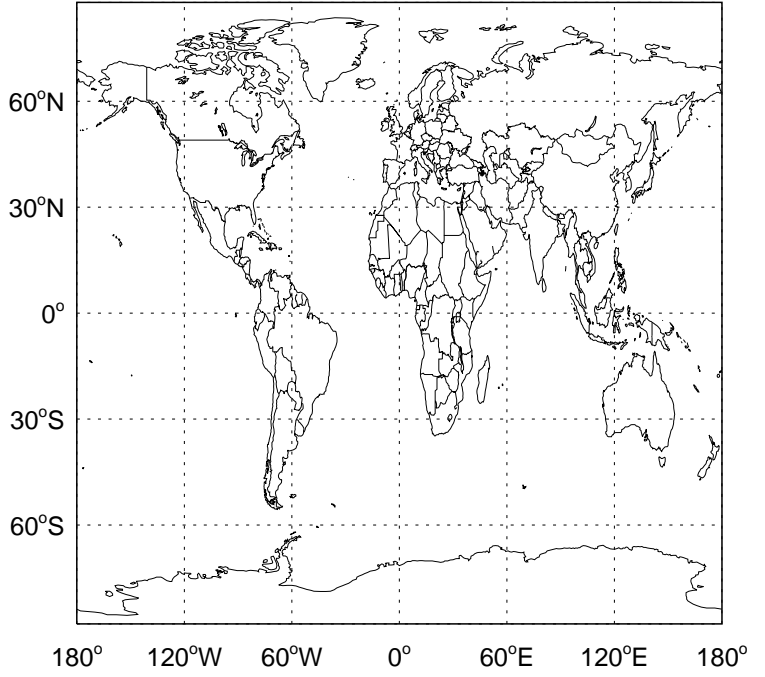
v11-02d / v11-02c

CFC11 / Ratio @ Surface for Oct



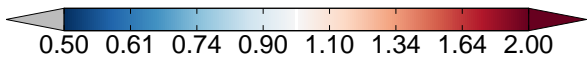
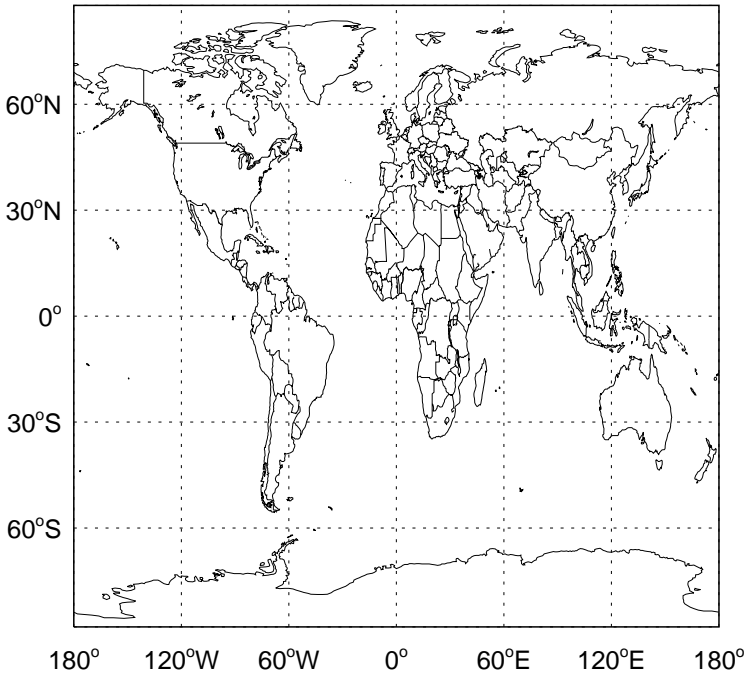
v11-02d / v11-02c

CFC11/ Ratio @ 500 hPa for Oct



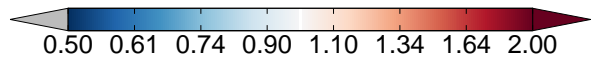
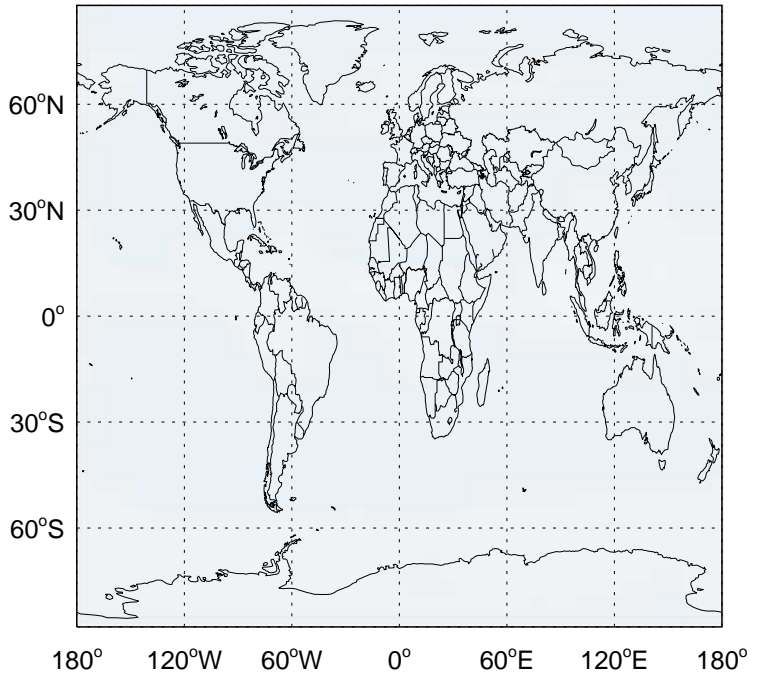
v11-02d / v11-02a

CFC11 / Ratio @ Surface for Oct



v11-02d / v11-02a

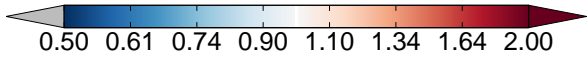
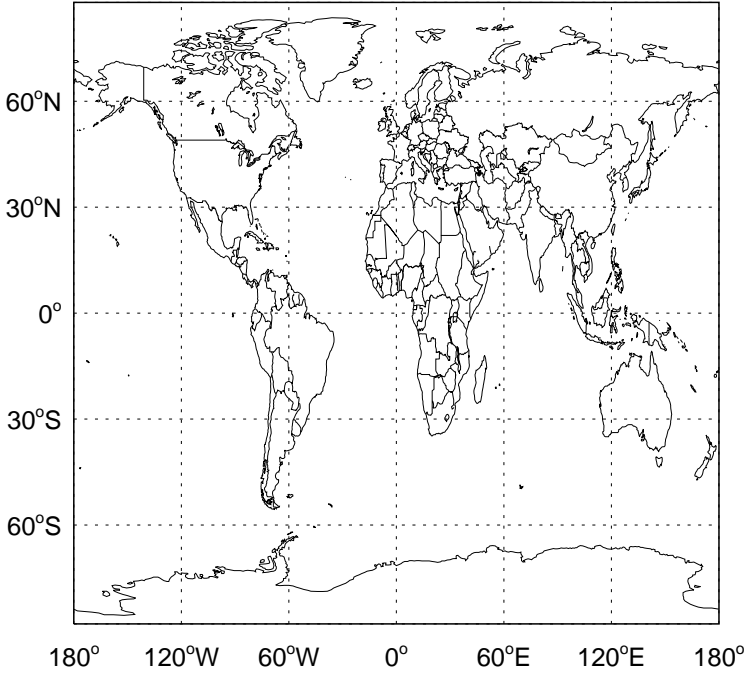
CFC11/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

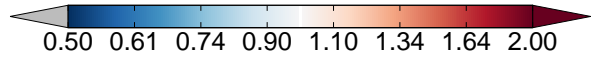
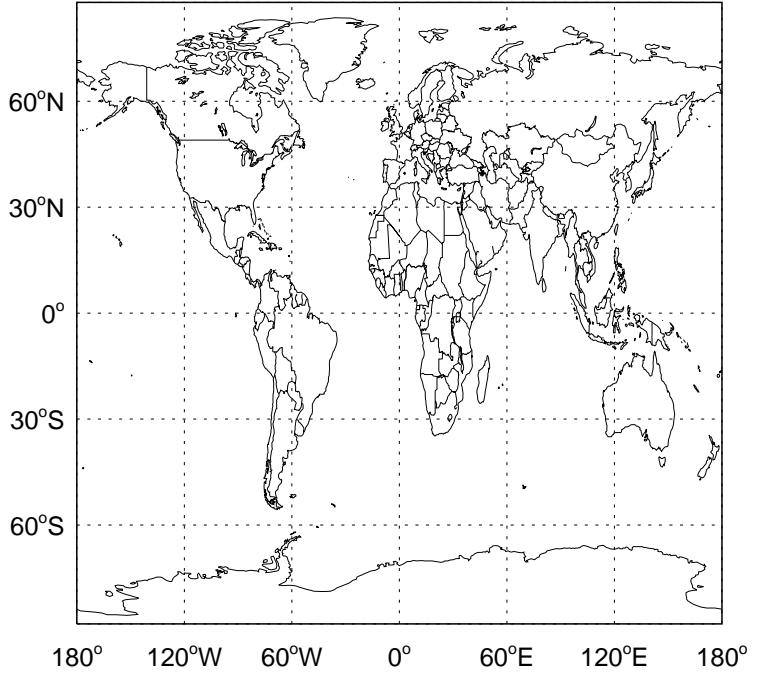
v11-02d / v11-02c

CFC12 / Ratio @ Surface for Oct



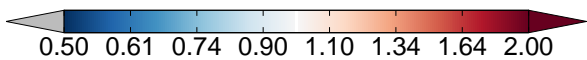
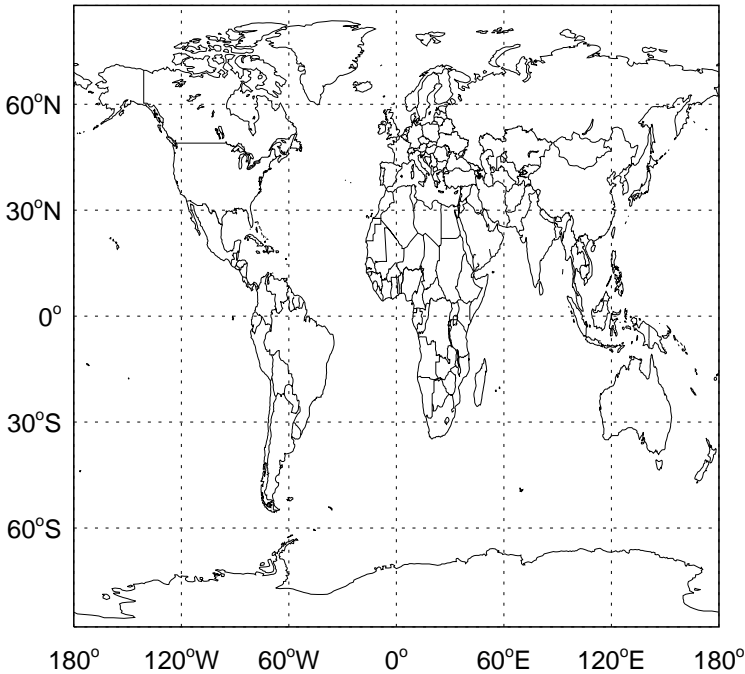
v11-02d / v11-02c

CFC12/ Ratio @ 500 hPa for Oct



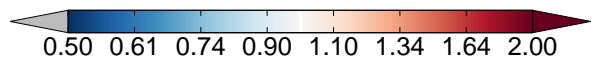
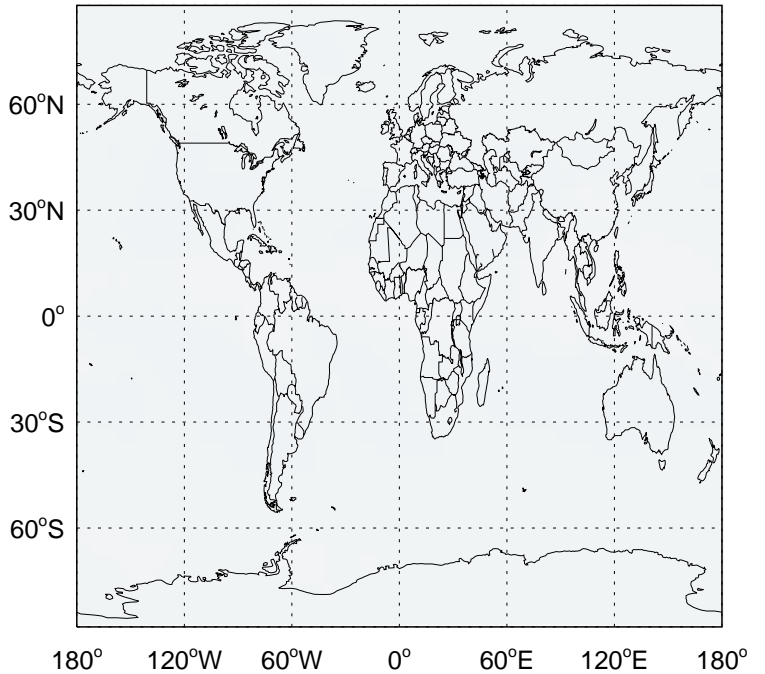
v11-02d / v11-02a

CFC12 / Ratio @ Surface for Oct



v11-02d / v11-02a

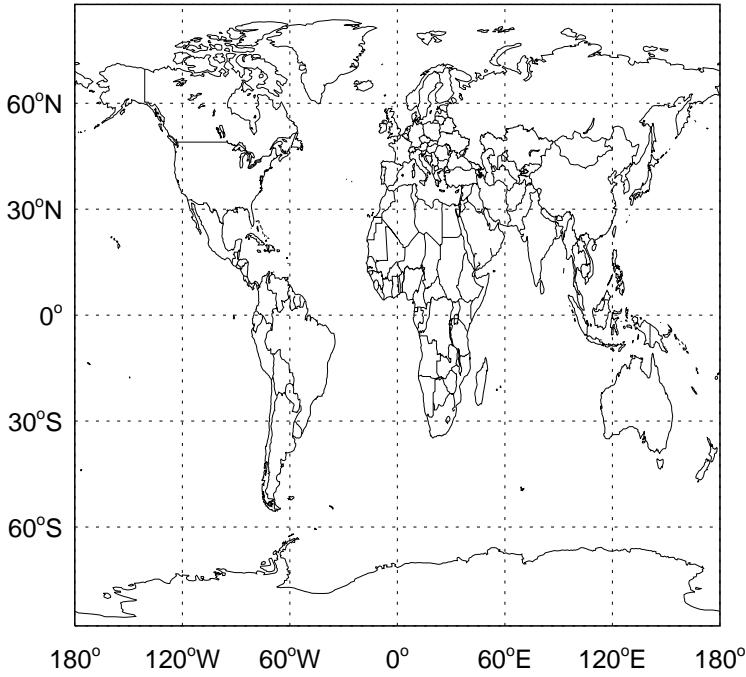
CFC12/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

v11-02d / v11-02c

HCFC22 / Ratio @ Surface for Oct



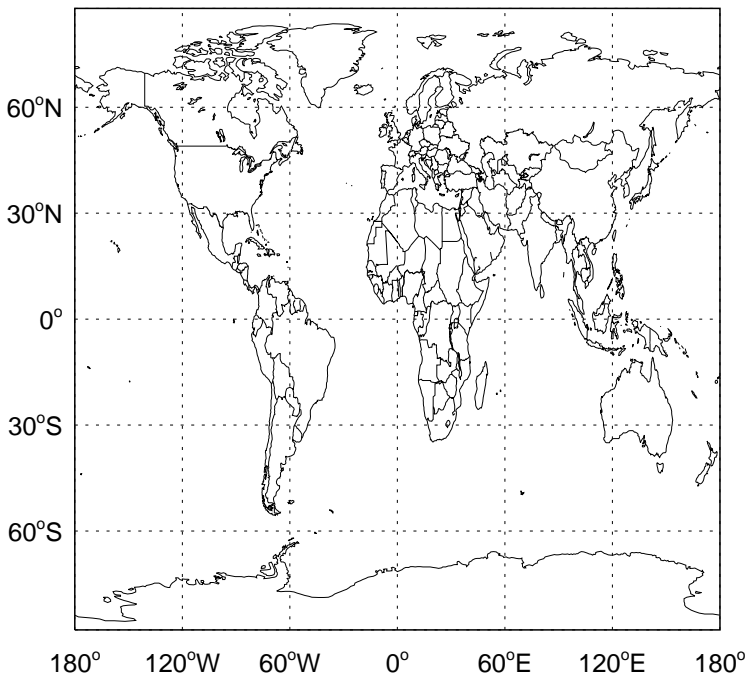
v11-02d / v11-02c

HCFC22/ Ratio @ 500 hPa for Oct



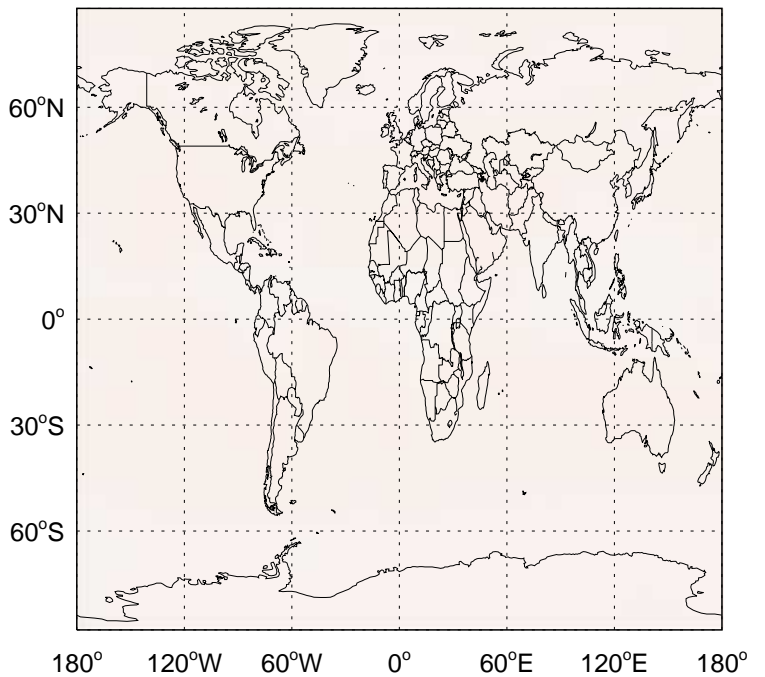
v11-02d / v11-02a

HCFC22 / Ratio @ Surface for Oct



v11-02d / v11-02a

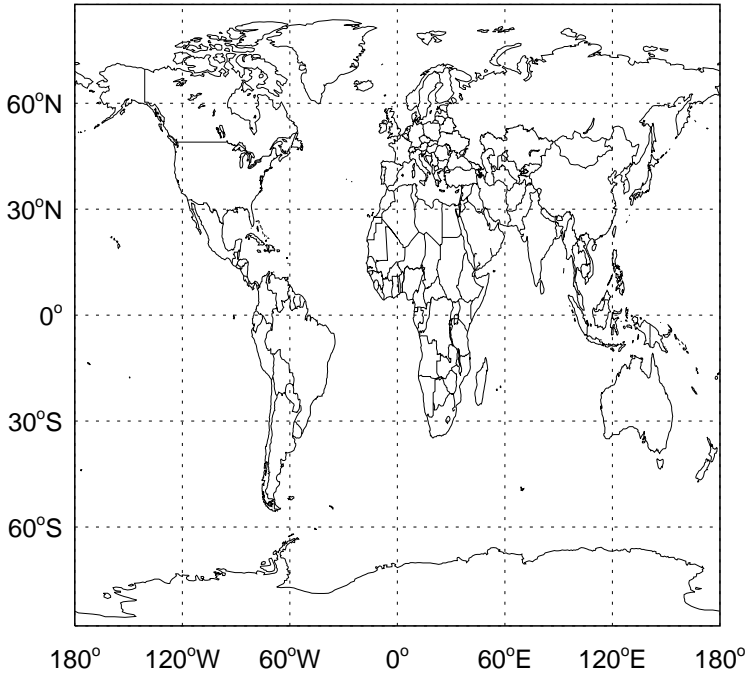
HCFC22/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

v11-02d / v11-02c

H1211 / Ratio @ Surface for Oct



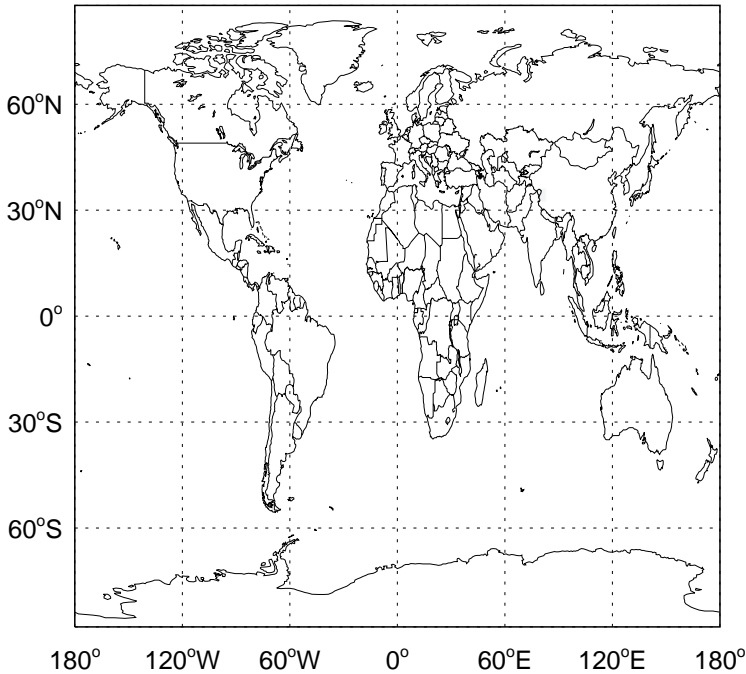
v11-02d / v11-02c

H1211/ Ratio @ 500 hPa for Oct



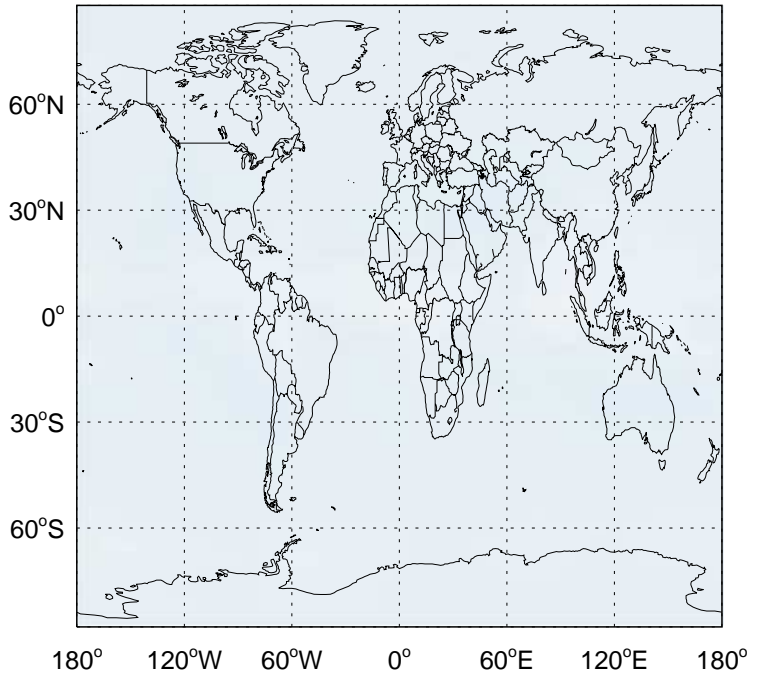
v11-02d / v11-02a

H1211 / Ratio @ Surface for Oct



v11-02d / v11-02a

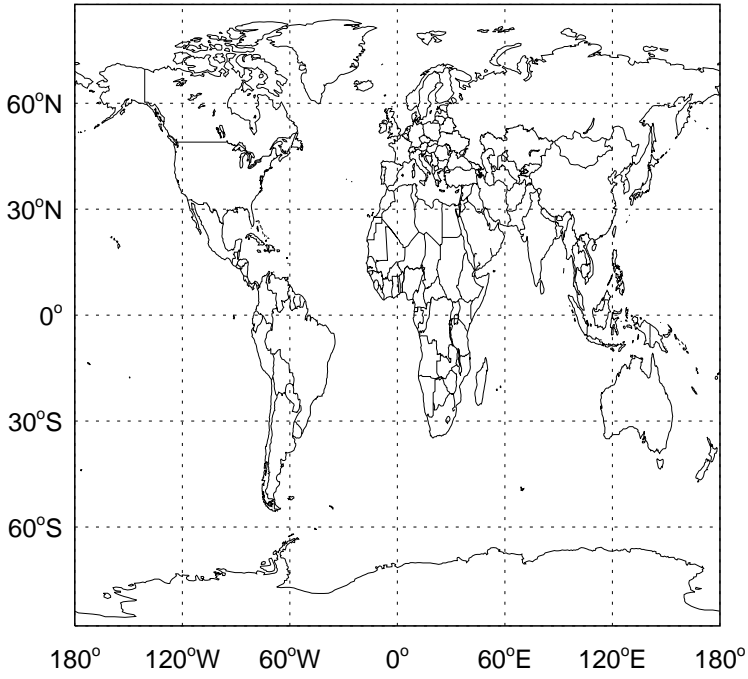
H1211/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

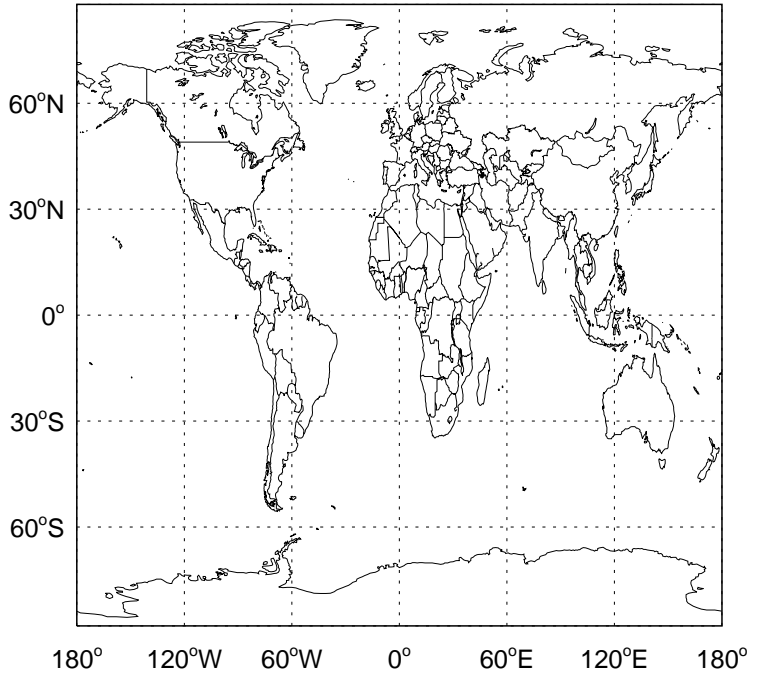
v11-02d / v11-02c

H1301 / Ratio @ Surface for Oct



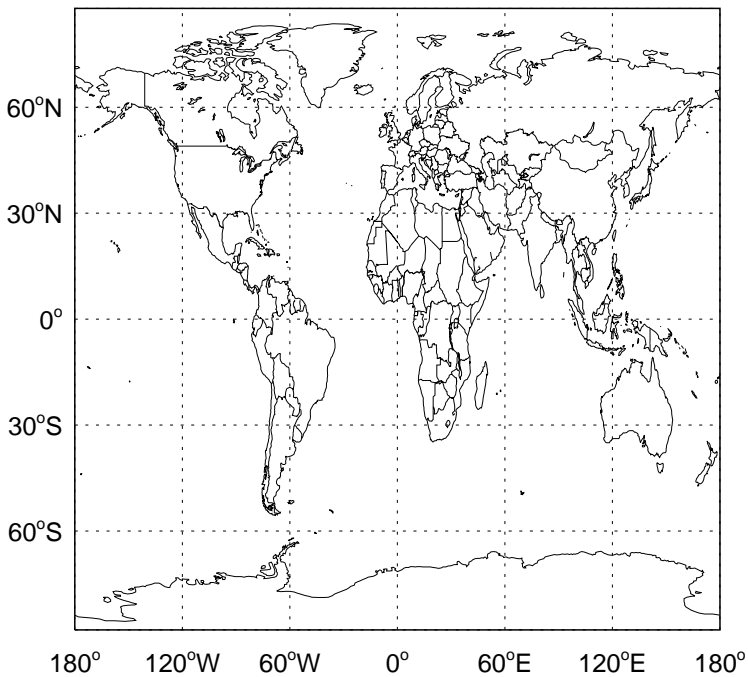
v11-02d / v11-02c

H1301/ Ratio @ 500 hPa for Oct



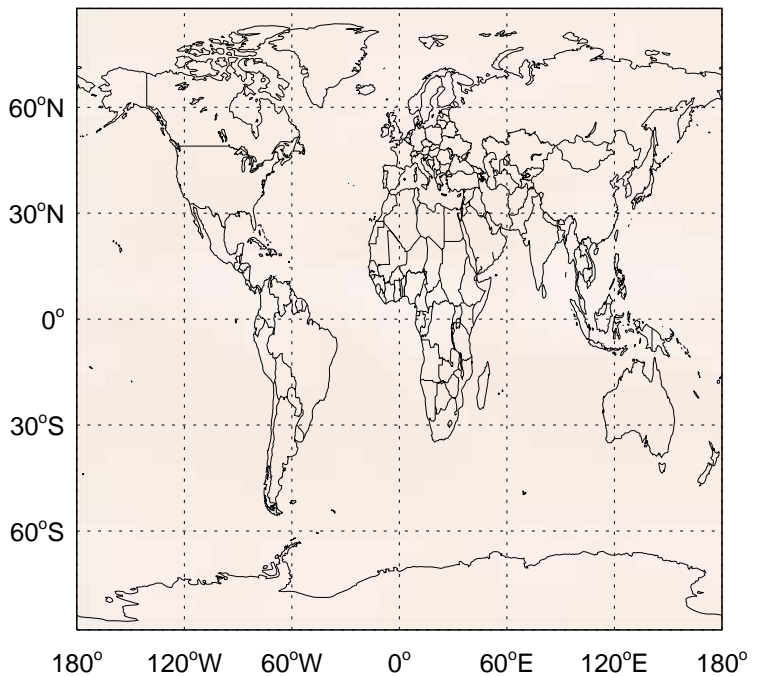
v11-02d / v11-02a

H1301 / Ratio @ Surface for Oct



v11-02d / v11-02a

H1301/ Ratio @ 500 hPa for Oct

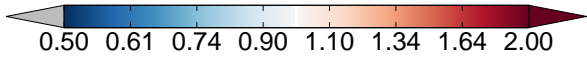
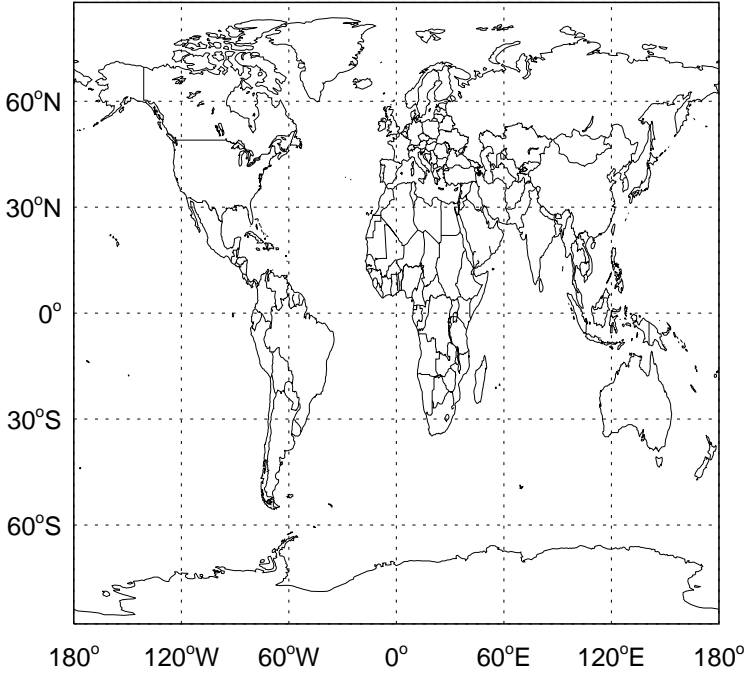




# GEOS-Chem Ratio Maps at surface and 500 hPa

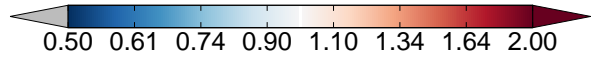
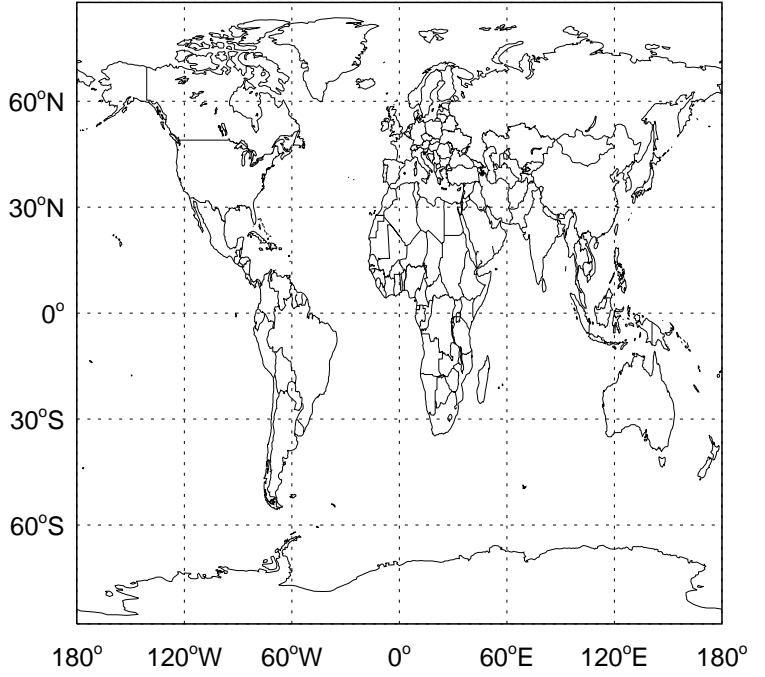
v11-02d / v11-02c

H2402 / Ratio @ Surface for Oct



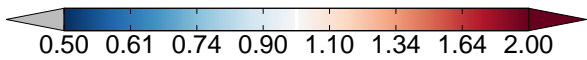
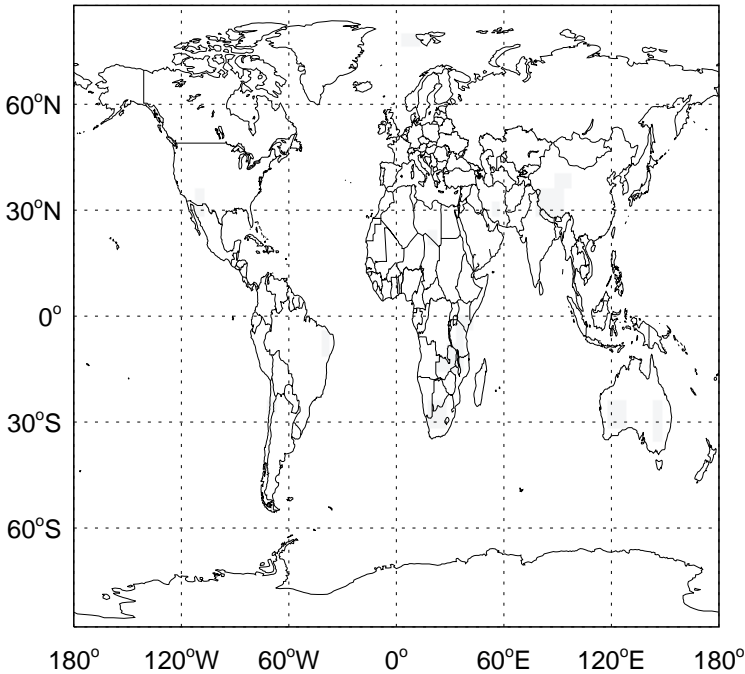
v11-02d / v11-02c

H2402/ Ratio @ 500 hPa for Oct



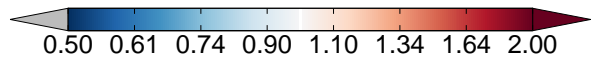
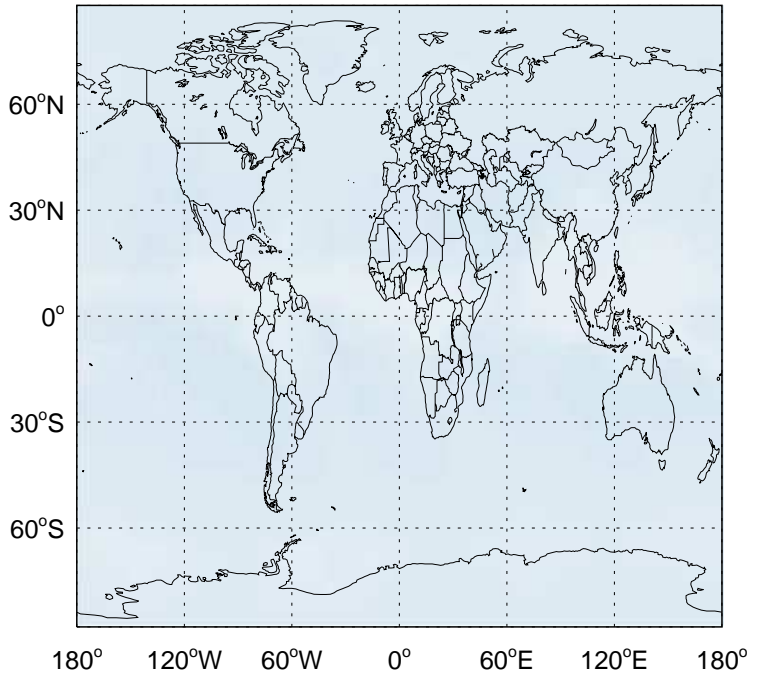
v11-02d / v11-02a

H2402 / Ratio @ Surface for Oct



v11-02d / v11-02a

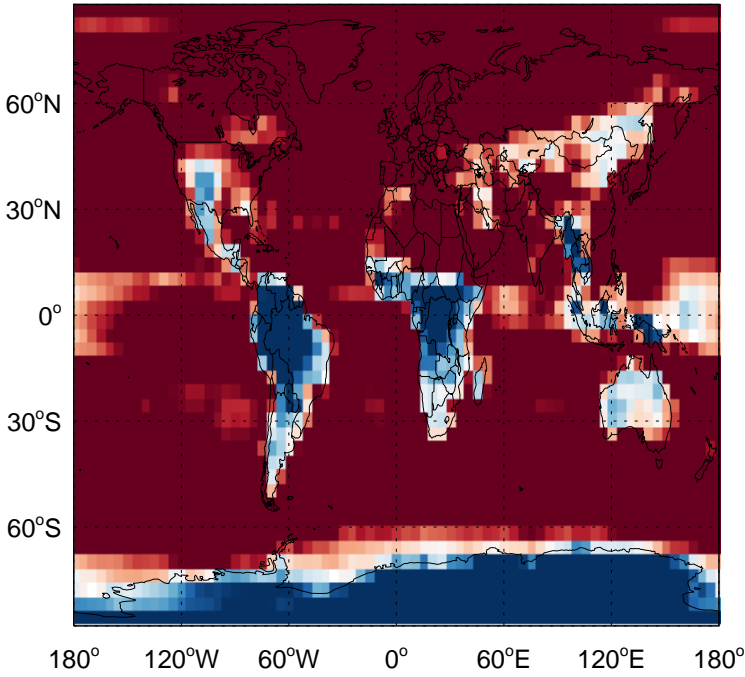
H2402/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

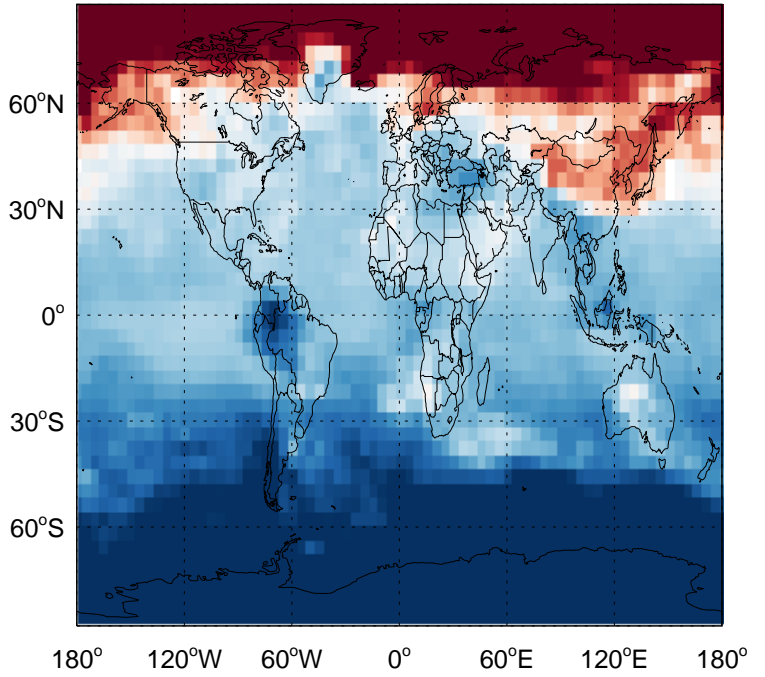
v11-02d / v11-02c

Cl / Ratio @ Surface for Oct



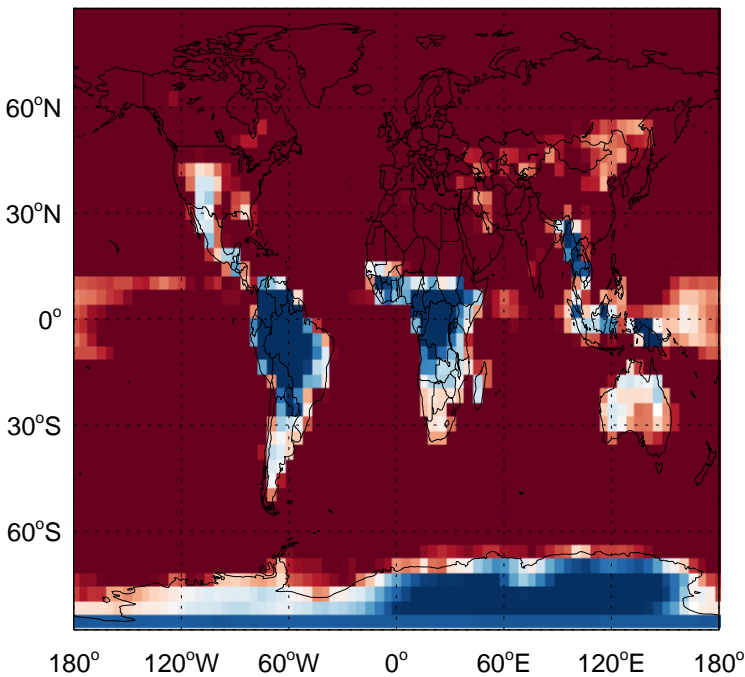
v11-02d / v11-02c

Cl / Ratio @ 500 hPa for Oct



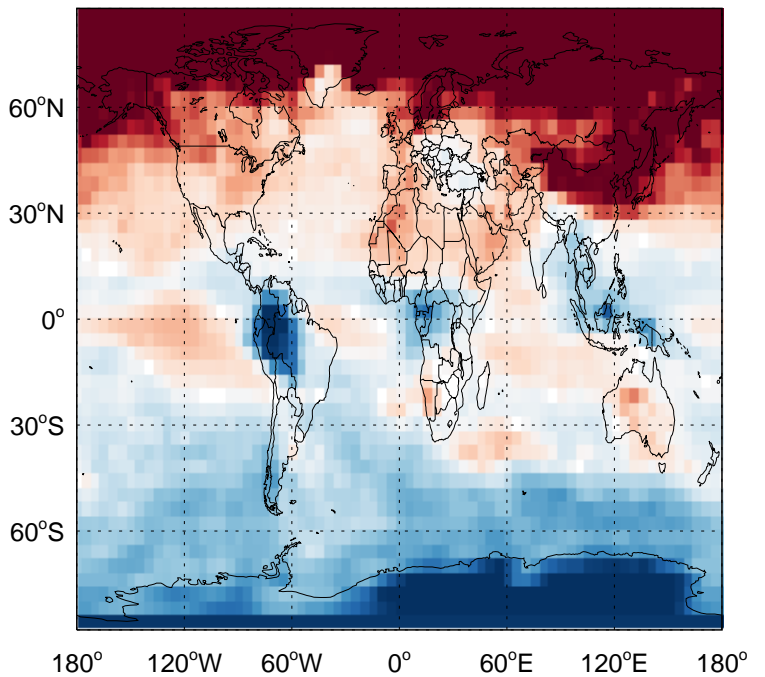
v11-02d / v11-02a

Cl / Ratio @ Surface for Oct



v11-02d / v11-02a

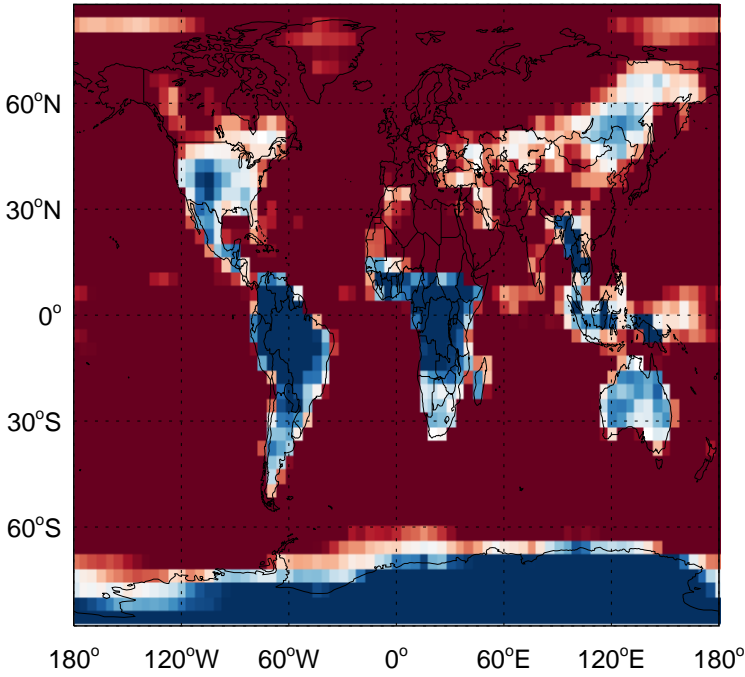
Cl / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

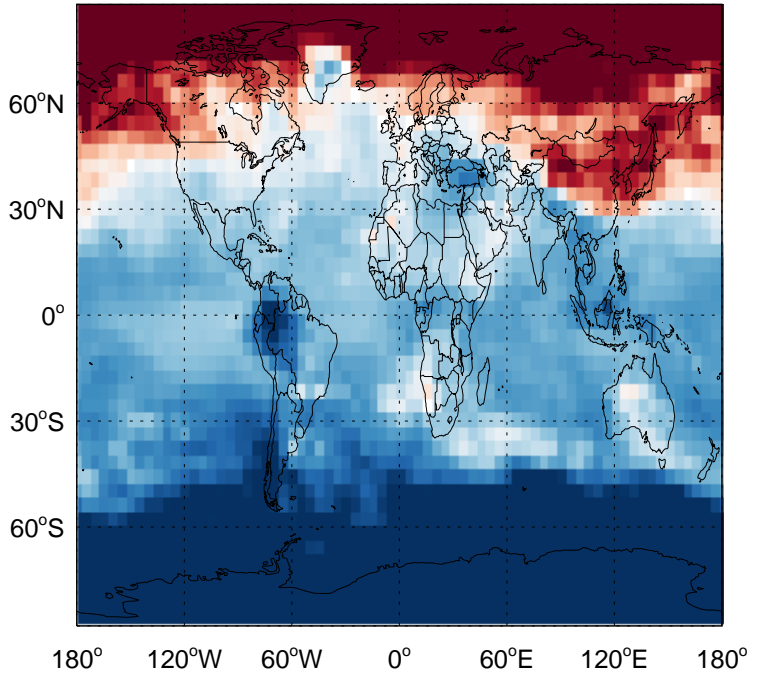
v11-02d / v11-02c

CIO / Ratio @ Surface for Oct



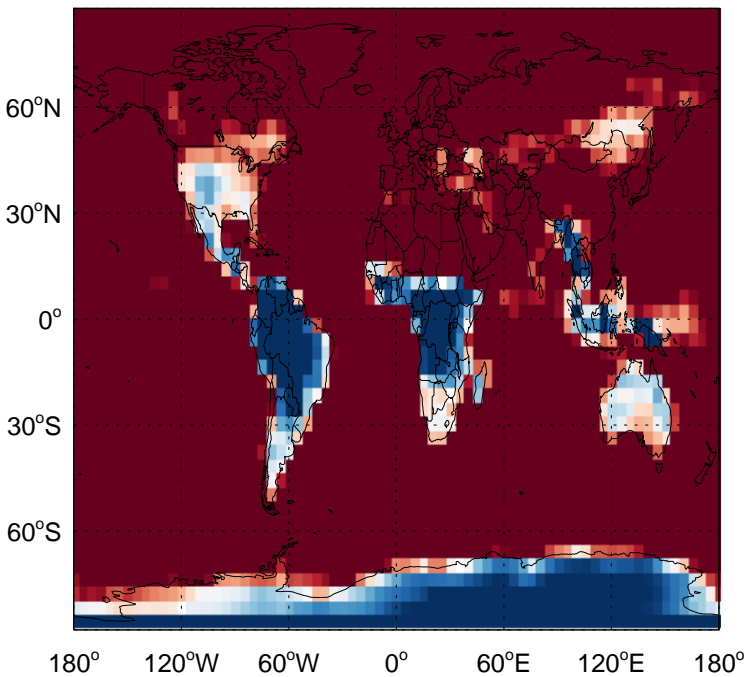
v11-02d / v11-02c

CIO/ Ratio @ 500 hPa for Oct



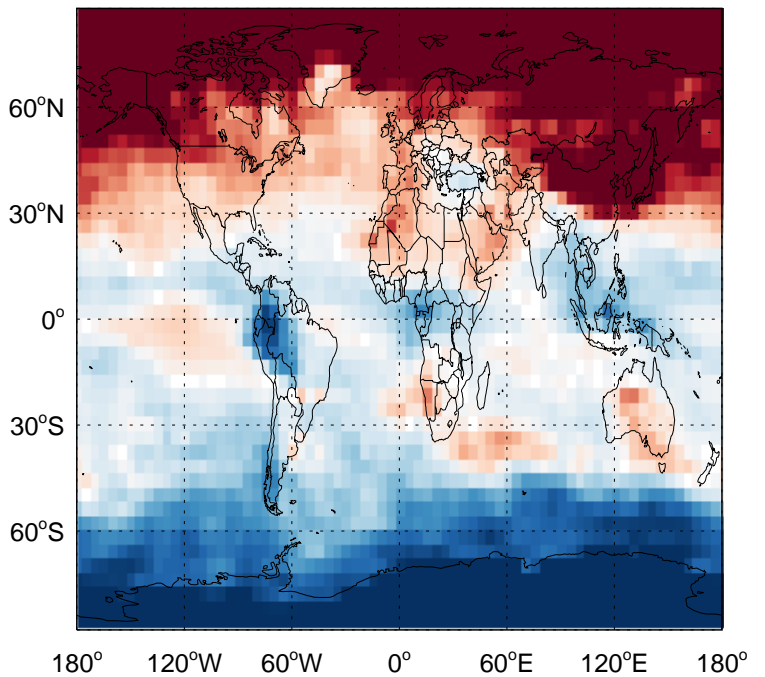
v11-02d / v11-02a

CIO / Ratio @ Surface for Oct



v11-02d / v11-02a

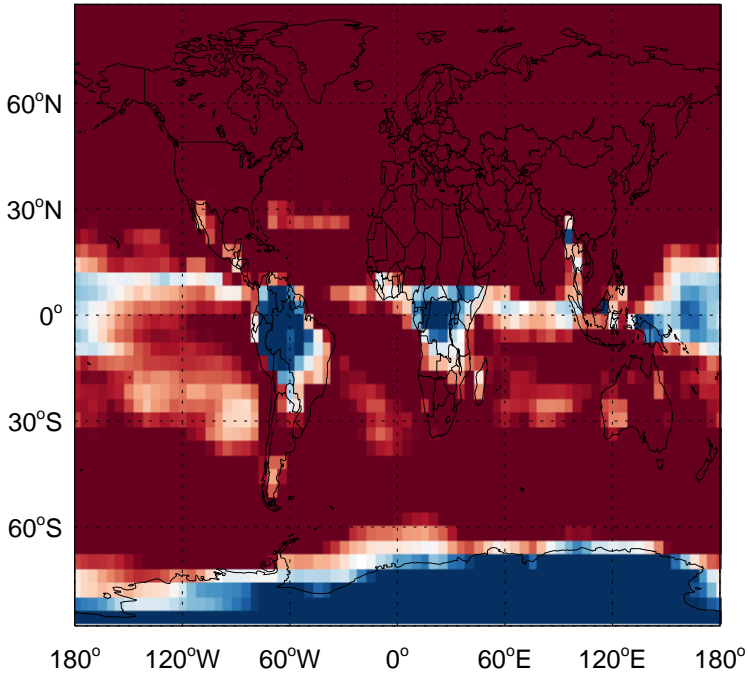
CIO/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

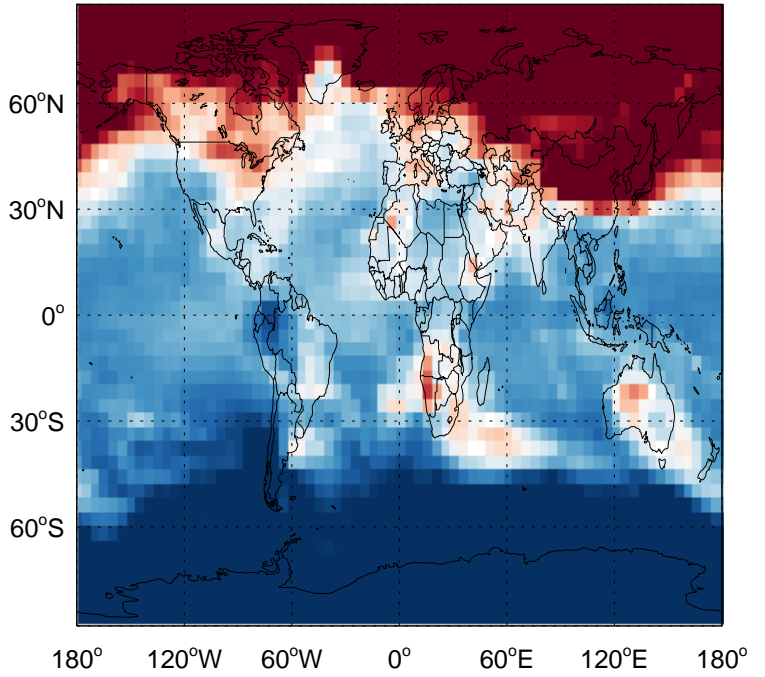
v11-02d / v11-02c

HOCl / Ratio @ Surface for Oct



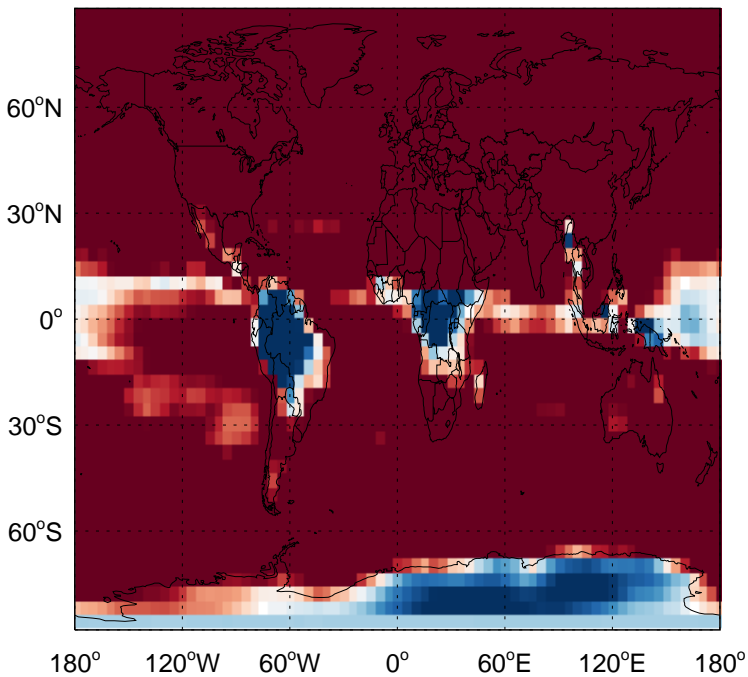
v11-02d / v11-02c

HOCl / Ratio @ 500 hPa for Oct



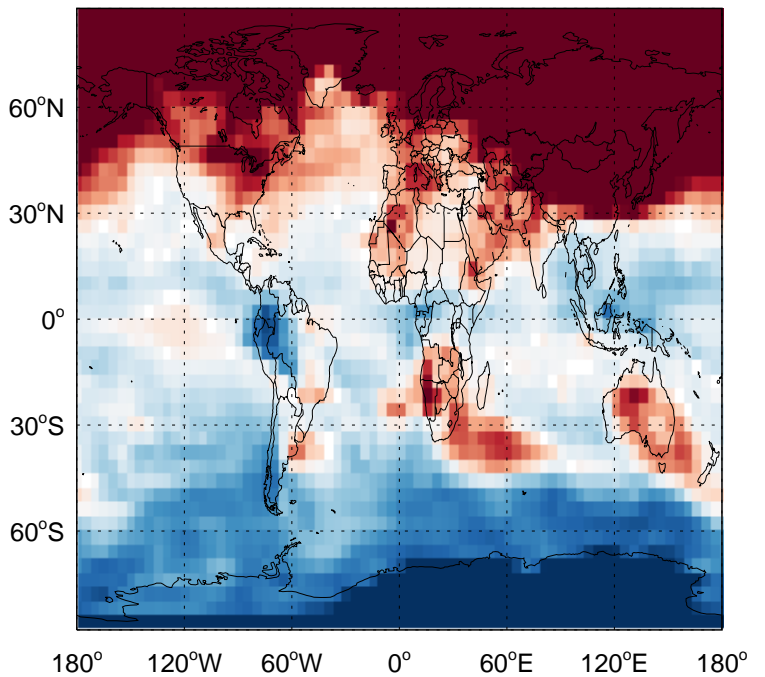
v11-02d / v11-02a

HOCl / Ratio @ Surface for Oct



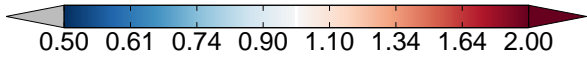
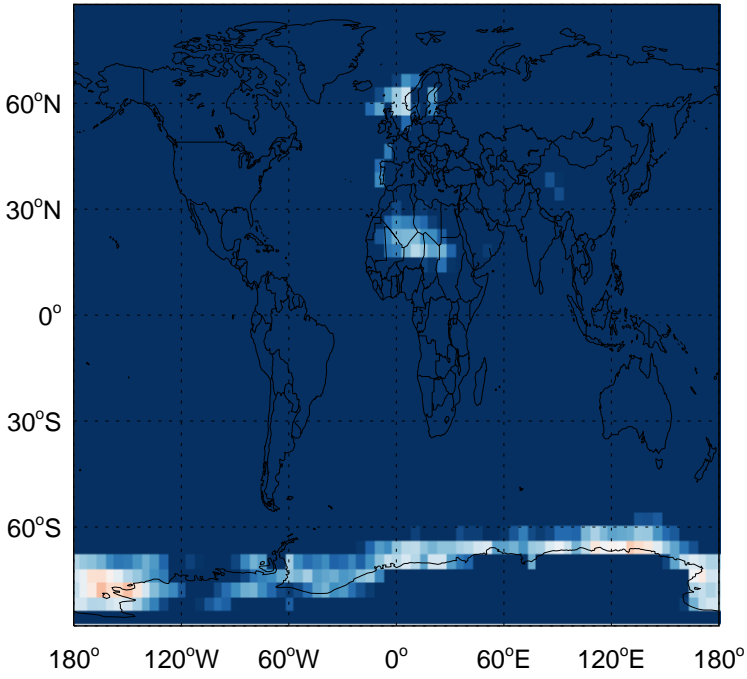
v11-02d / v11-02a

HOCl / Ratio @ 500 hPa for Oct

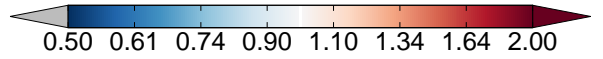
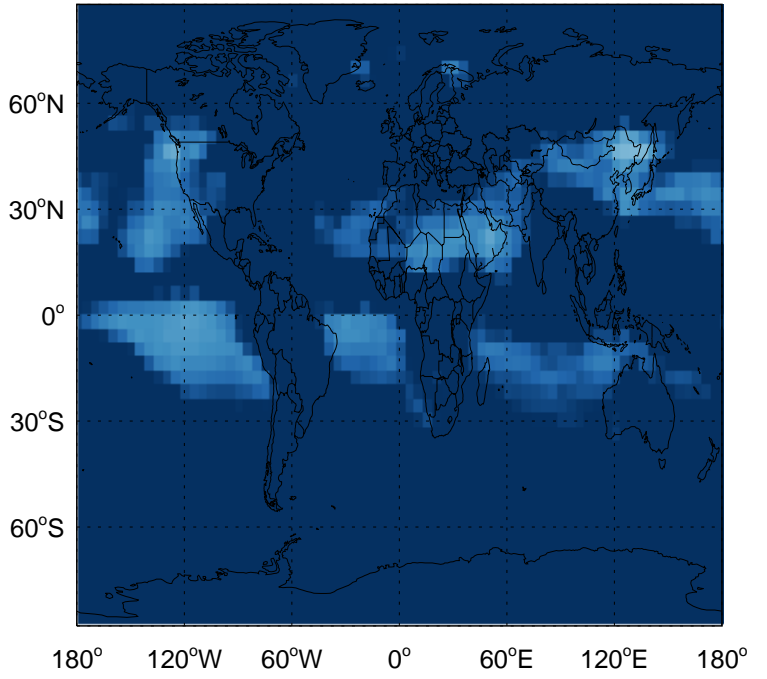


# GEOS-Chem Ratio Maps at surface and 500 hPa

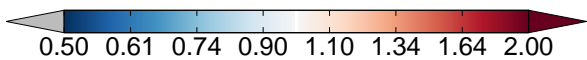
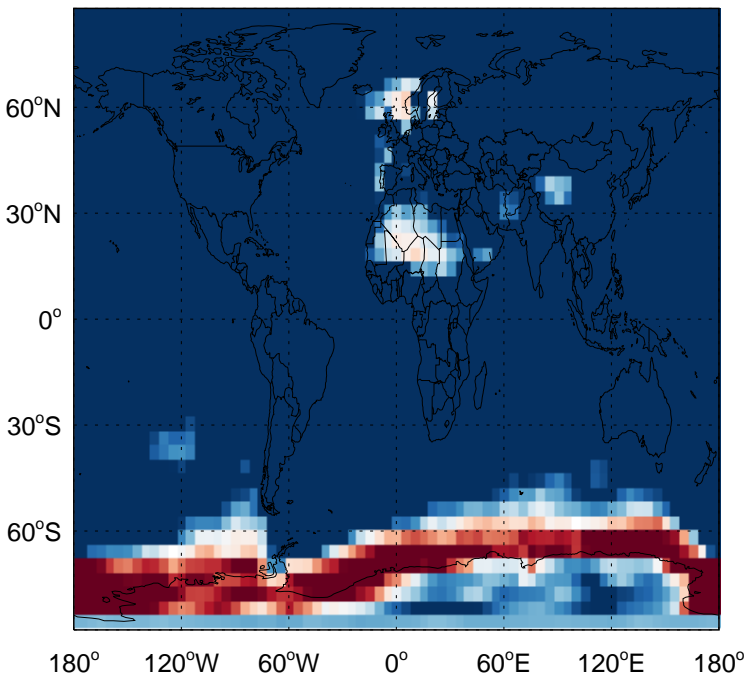
v11-02d / v11-02c  
ClNO<sub>3</sub> / Ratio @ Surface for Oct



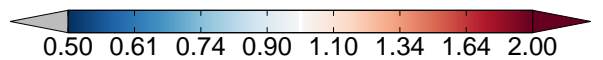
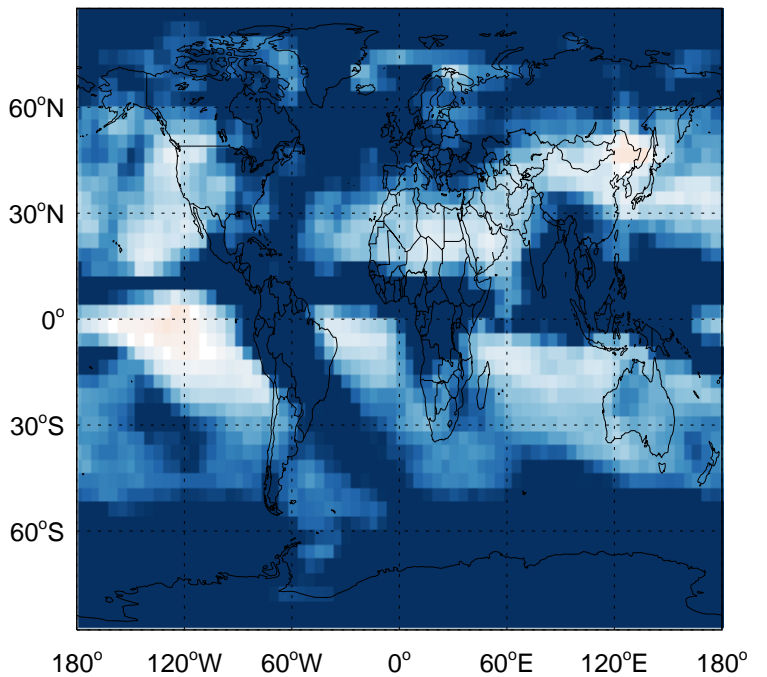
v11-02d / v11-02c  
ClNO<sub>3</sub> / Ratio @ 500 hPa for Oct



v11-02d / v11-02a  
ClNO<sub>3</sub> / Ratio @ Surface for Oct



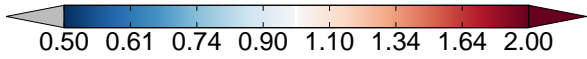
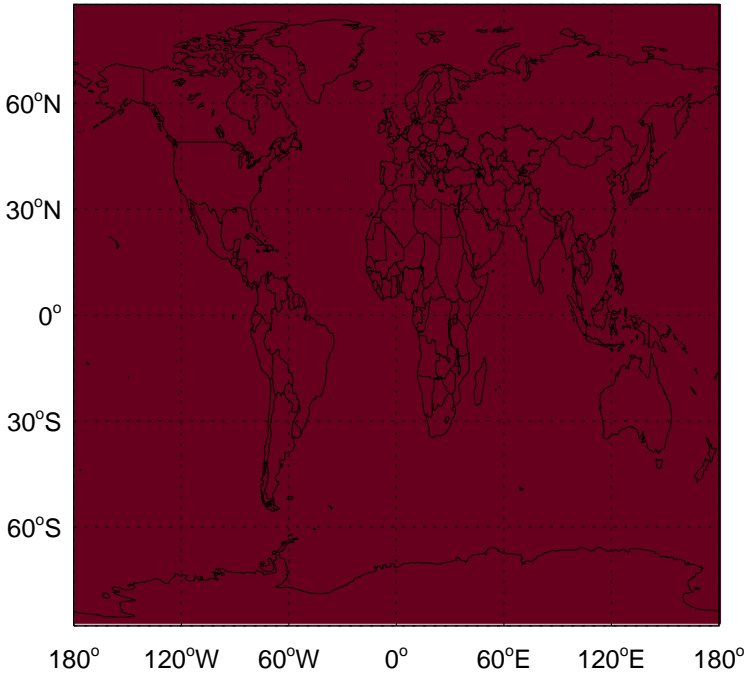
v11-02d / v11-02a  
ClNO<sub>3</sub> / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

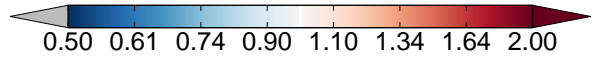
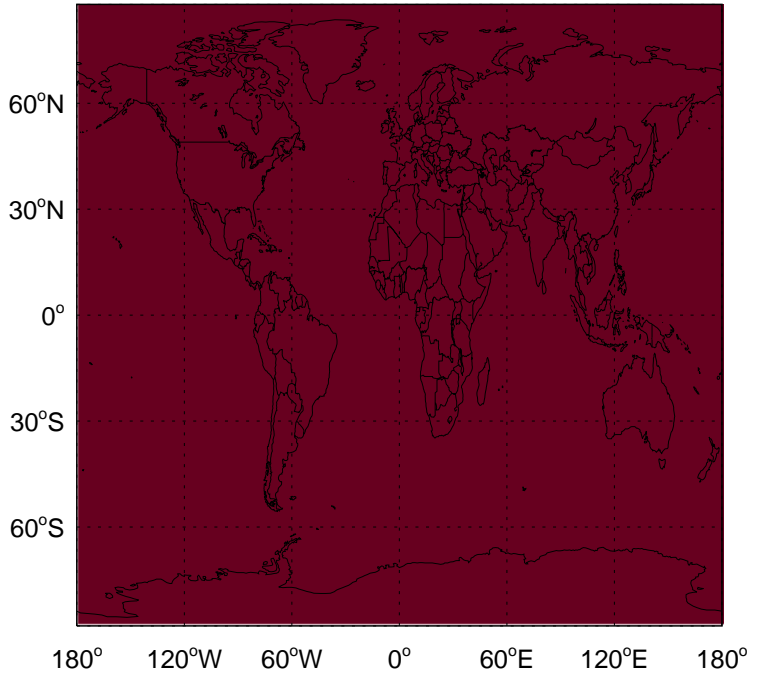
v11-02d / v11-02c

CINO2 / Ratio @ Surface for Oct



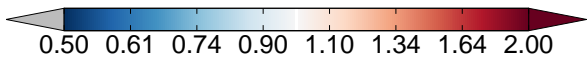
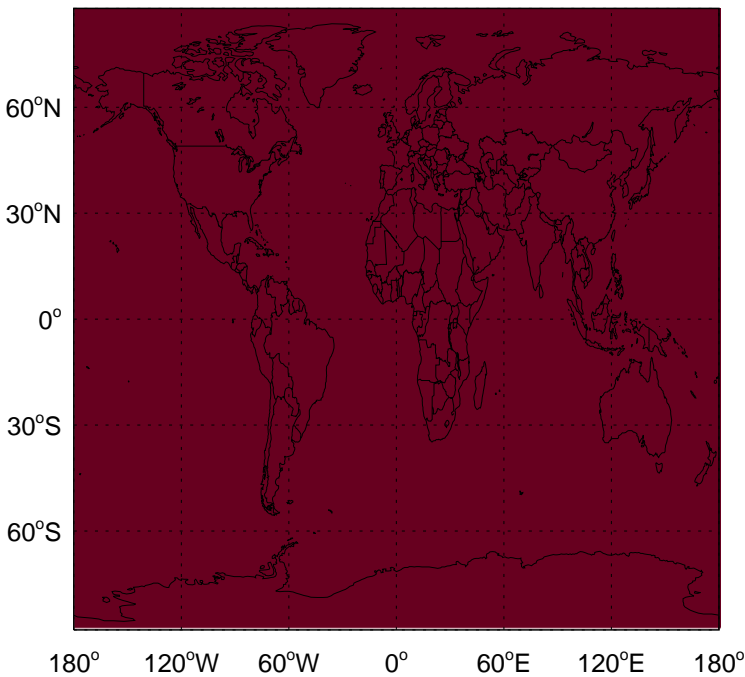
v11-02d / v11-02c

CINO2/ Ratio @ 500 hPa for Oct



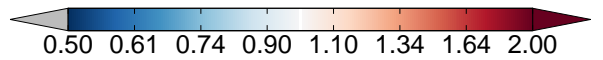
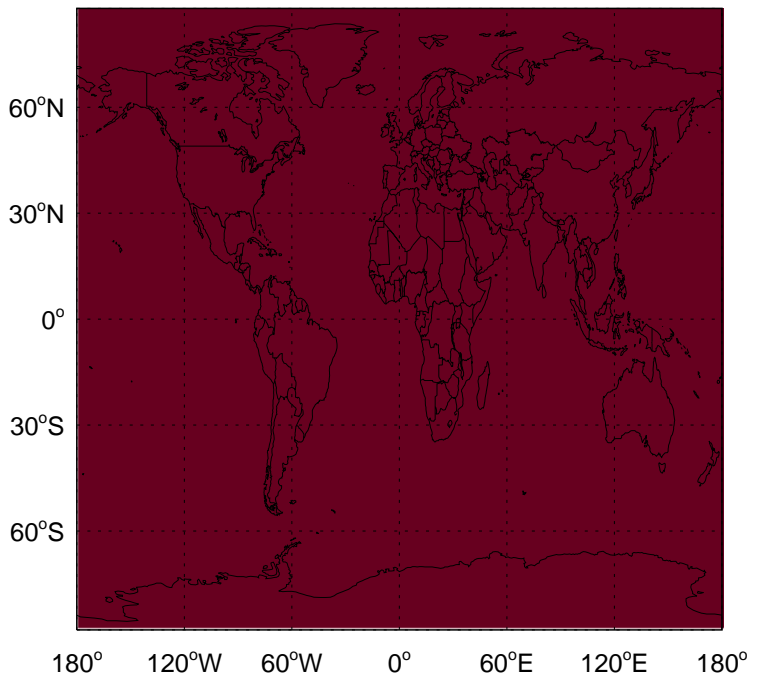
v11-02d / v11-02a

CINO2 / Ratio @ Surface for Oct



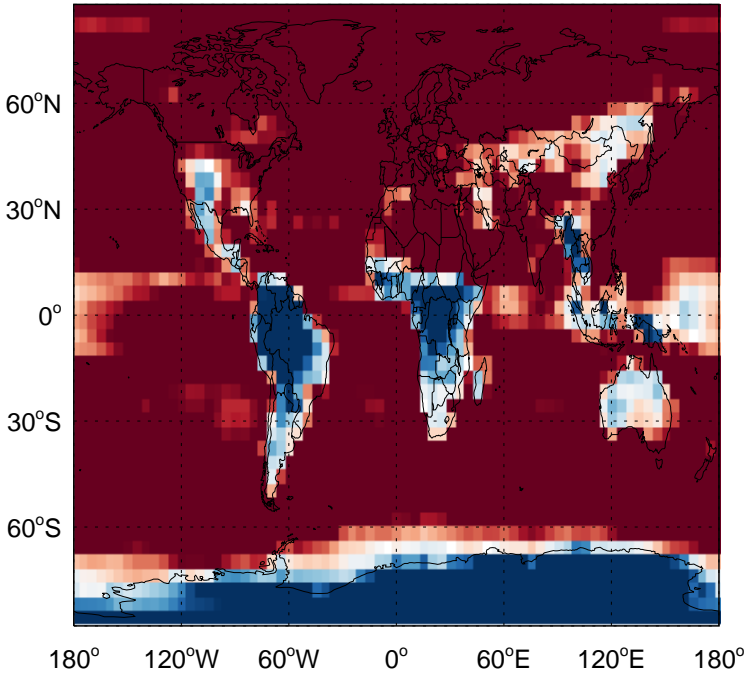
v11-02d / v11-02a

CINO2/ Ratio @ 500 hPa for Oct

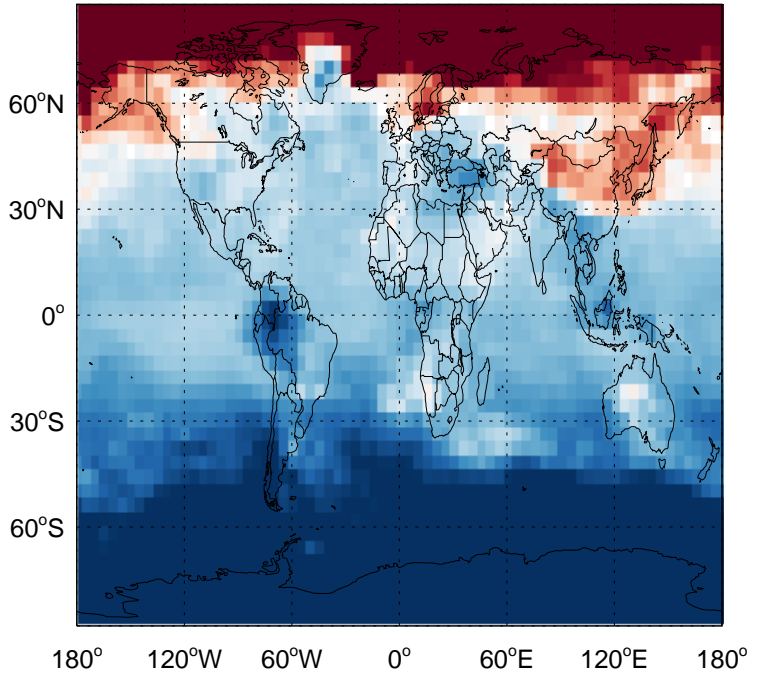


# GEOS-Chem Ratio Maps at surface and 500 hPa

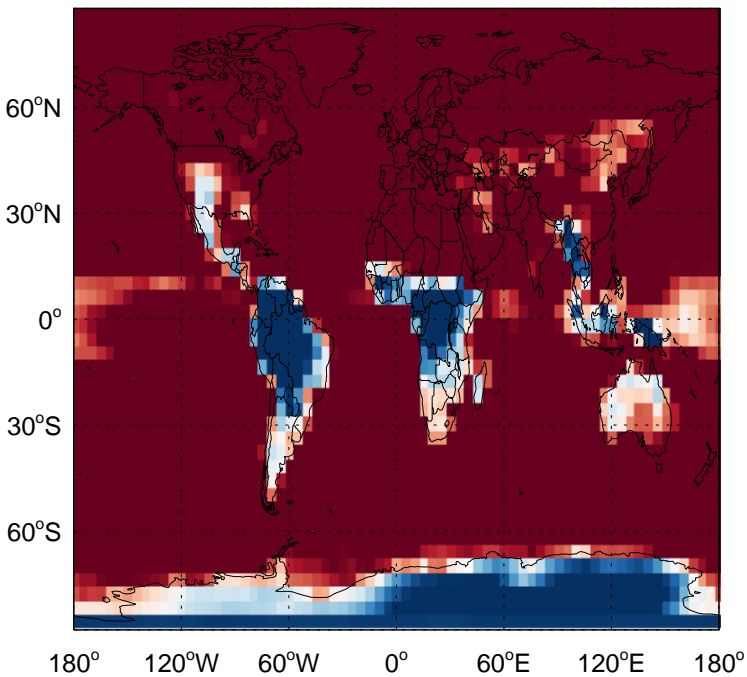
v11-02d / v11-02c  
ClOO / Ratio @ Surface for Oct



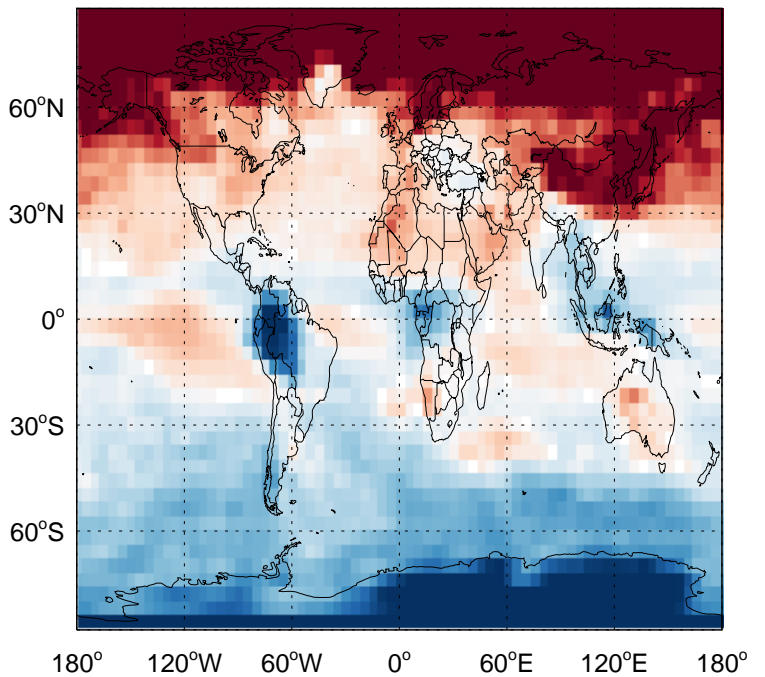
v11-02d / v11-02c  
ClOO/ Ratio @ 500 hPa for Oct



v11-02d / v11-02a  
ClOO / Ratio @ Surface for Oct

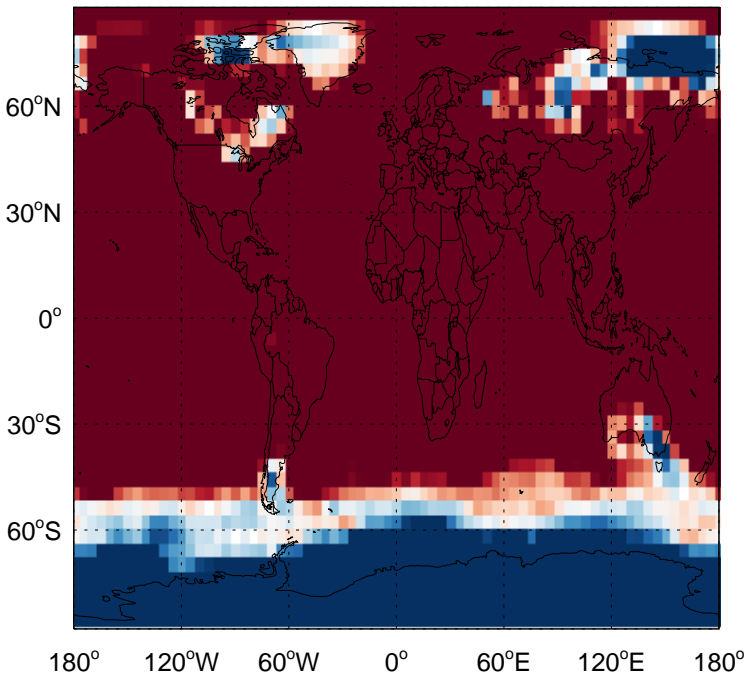


v11-02d / v11-02a  
ClOO/ Ratio @ 500 hPa for Oct

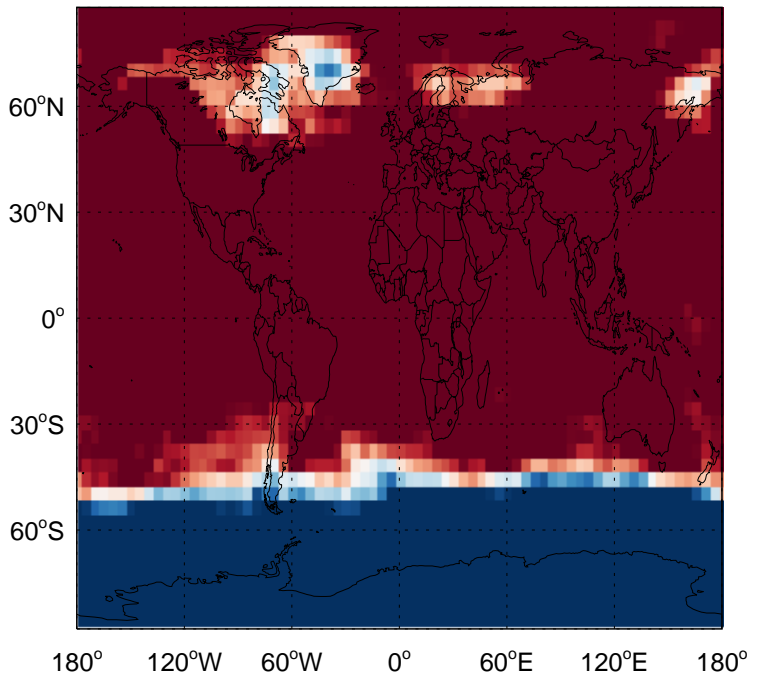


# GEOS-Chem Ratio Maps at surface and 500 hPa

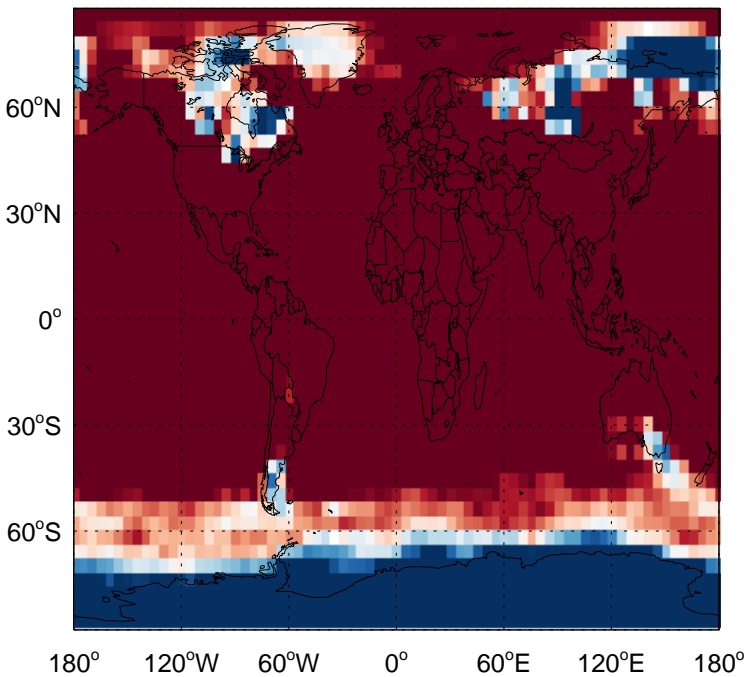
v11-02d / v11-02c  
OCIO / Ratio @ Surface for Oct



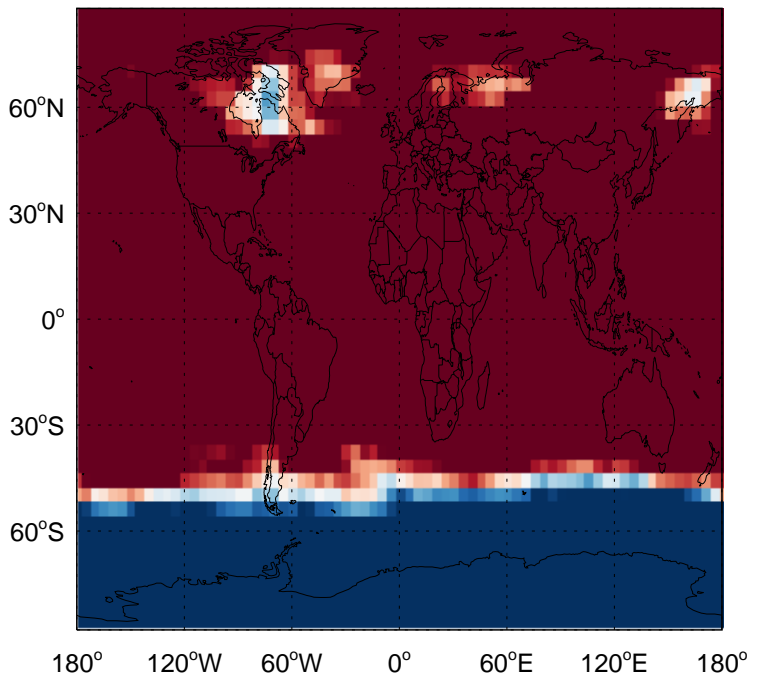
v11-02d / v11-02c  
OCIO/ Ratio @ 500 hPa for Oct



v11-02d / v11-02a  
OCIO / Ratio @ Surface for Oct



v11-02d / v11-02a  
OCIO/ Ratio @ 500 hPa for Oct

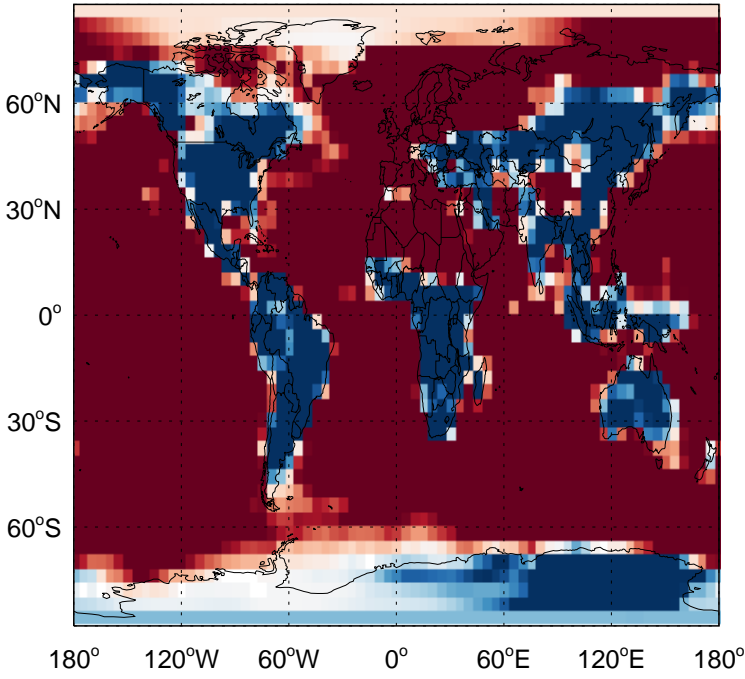




# GEOS-Chem Ratio Maps at surface and 500 hPa

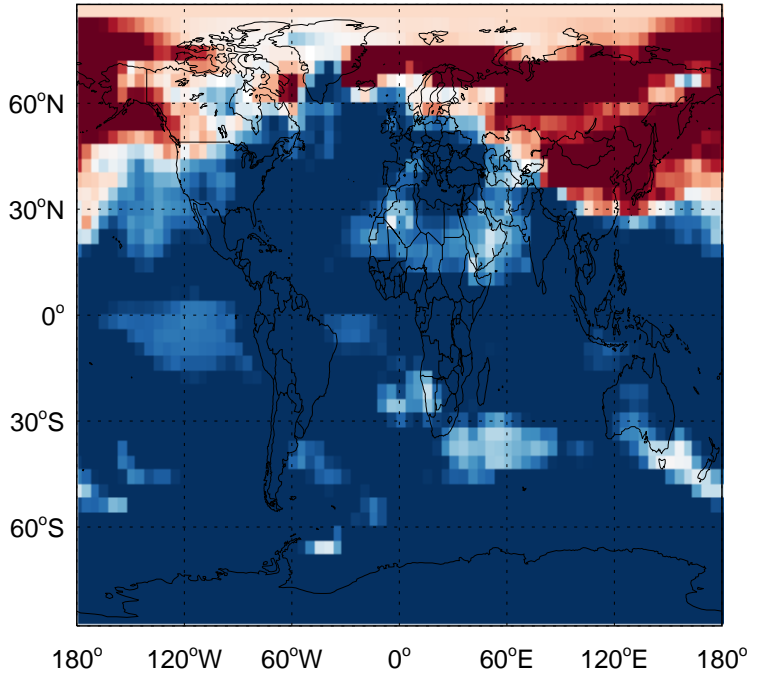
v11-02d / v11-02c

Cl<sub>2</sub> / Ratio @ Surface for Oct



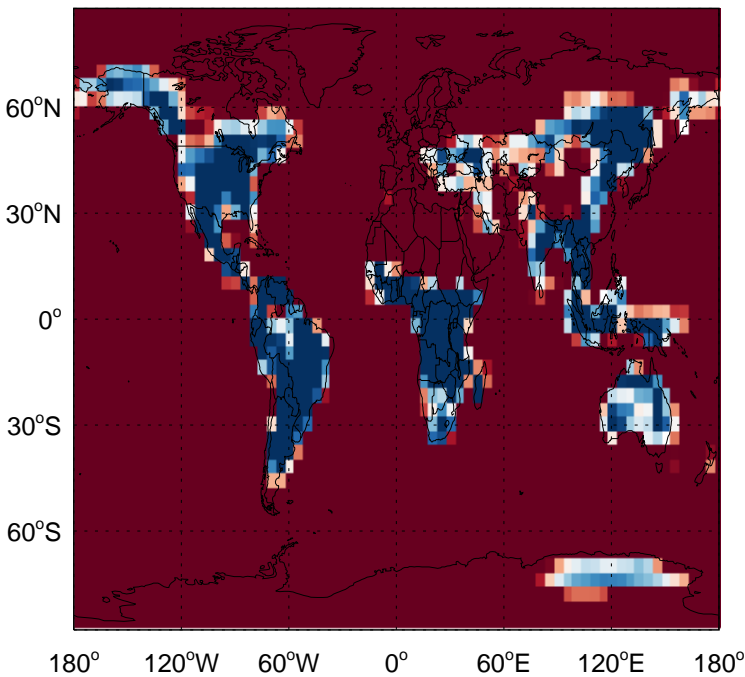
v11-02d / v11-02c

Cl<sub>2</sub> / Ratio @ 500 hPa for Oct



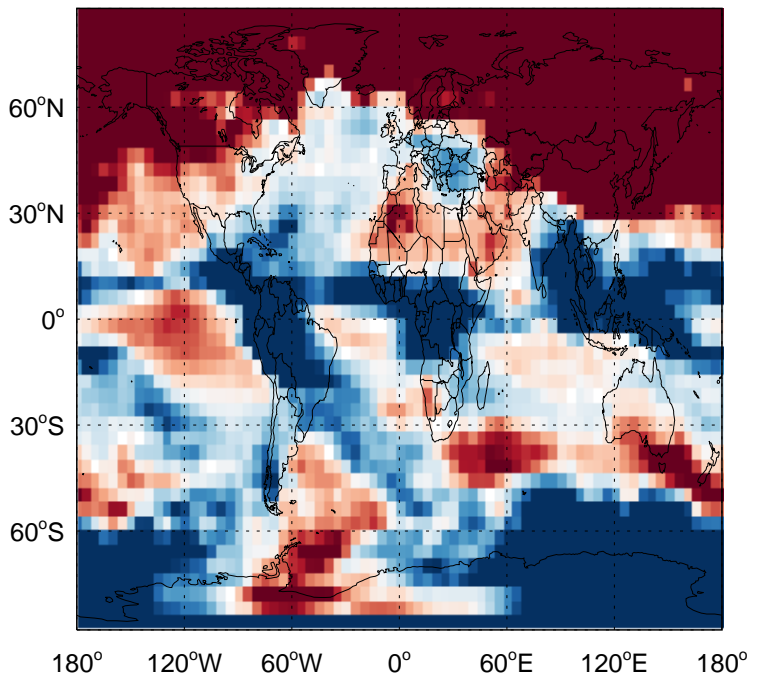
v11-02d / v11-02a

Cl<sub>2</sub> / Ratio @ Surface for Oct



v11-02d / v11-02a

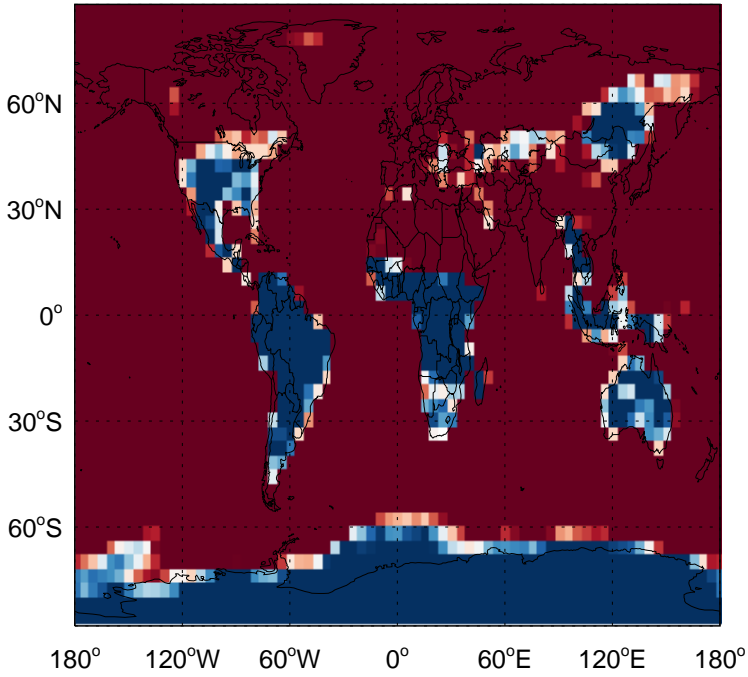
Cl<sub>2</sub> / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

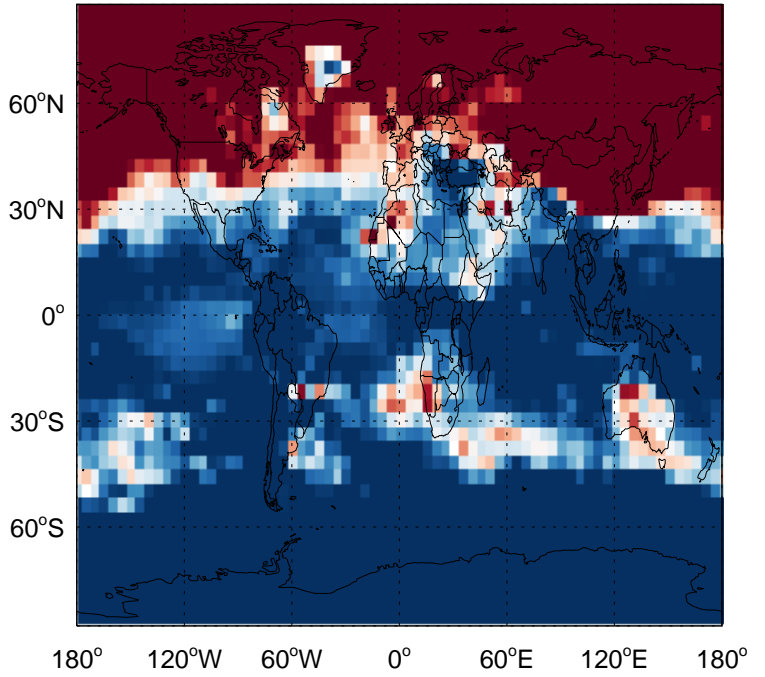
v11-02d / v11-02c

Cl2O2 / Ratio @ Surface for Oct



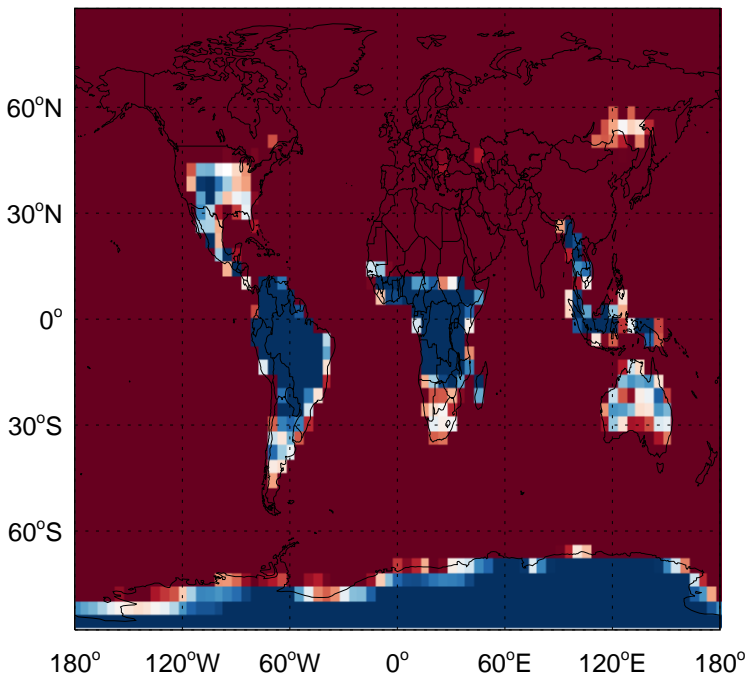
v11-02d / v11-02c

Cl2O2/ Ratio @ 500 hPa for Oct



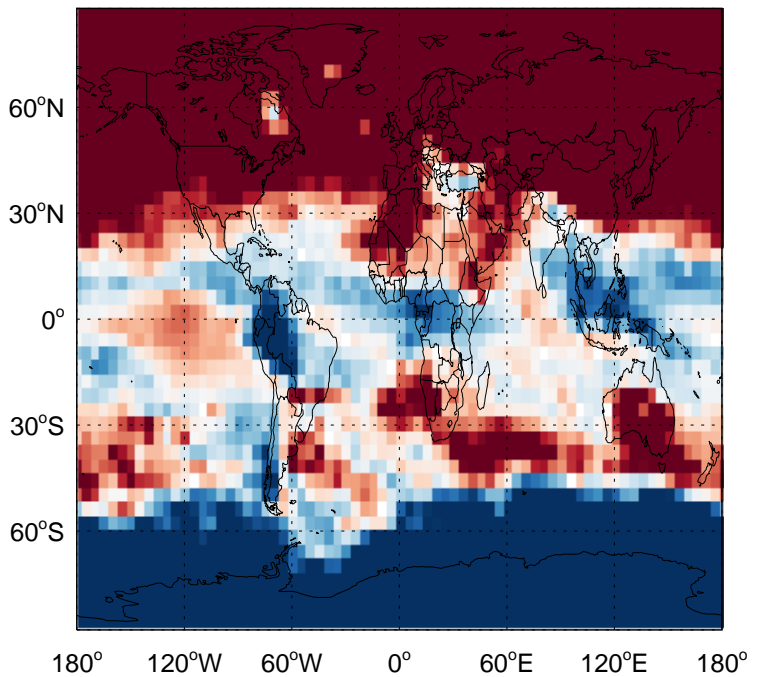
v11-02d / v11-02a

Cl2O2 / Ratio @ Surface for Oct



v11-02d / v11-02a

Cl2O2/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

v11-02d / v11-02c

H2O / Ratio @ Surface for Oct



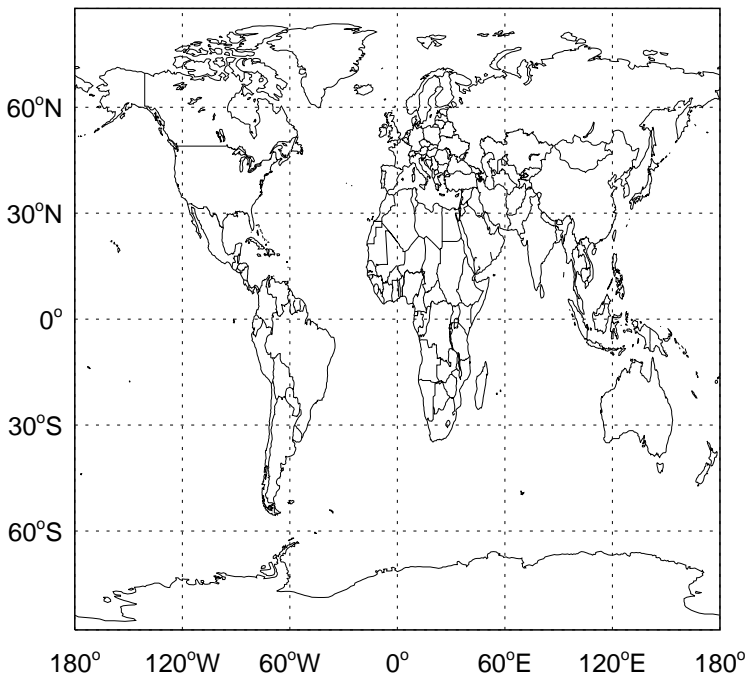
v11-02d / v11-02c

H2O/ Ratio @ 500 hPa for Oct



v11-02d / v11-02a

H2O / Ratio @ Surface for Oct



v11-02d / v11-02a

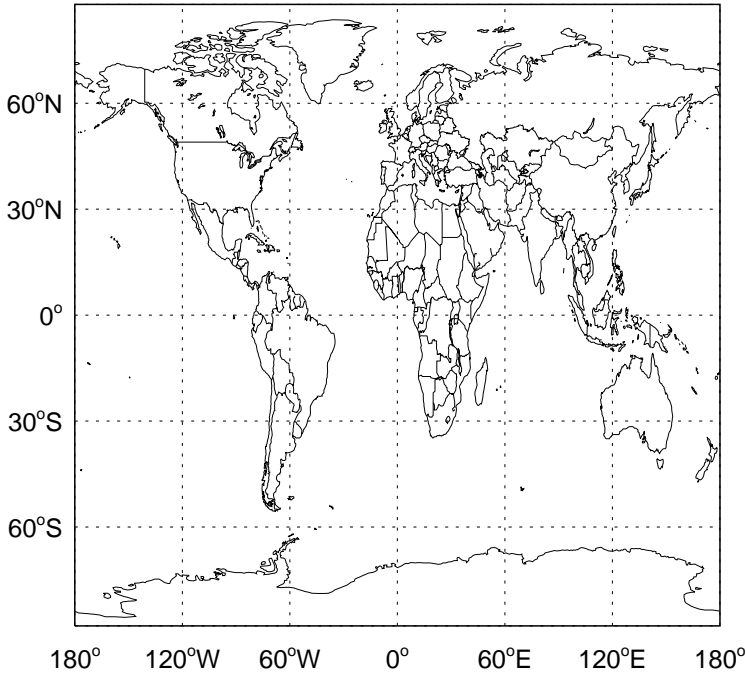
H2O/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

v11-02d / v11-02c

SOAP / Ratio @ Surface for Oct



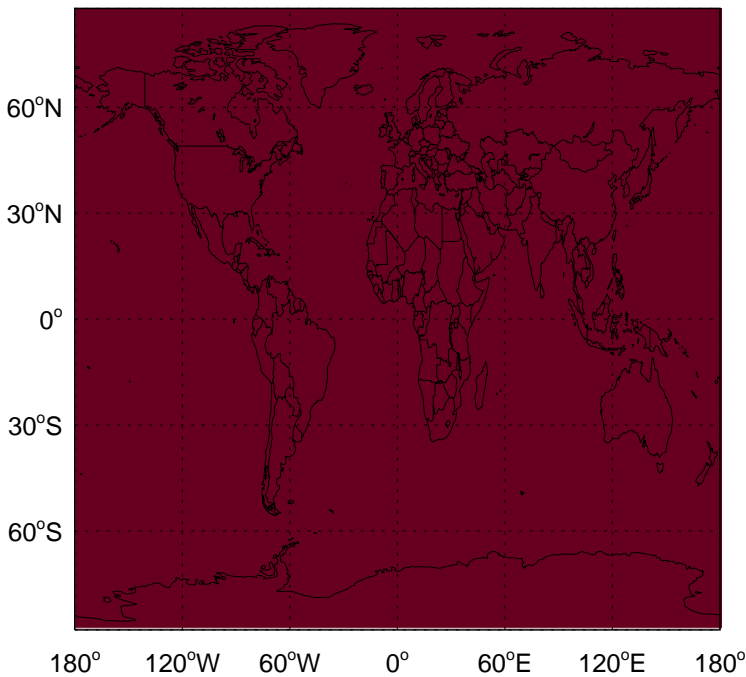
v11-02d / v11-02c

SOAP / Ratio @ 500 hPa for Oct



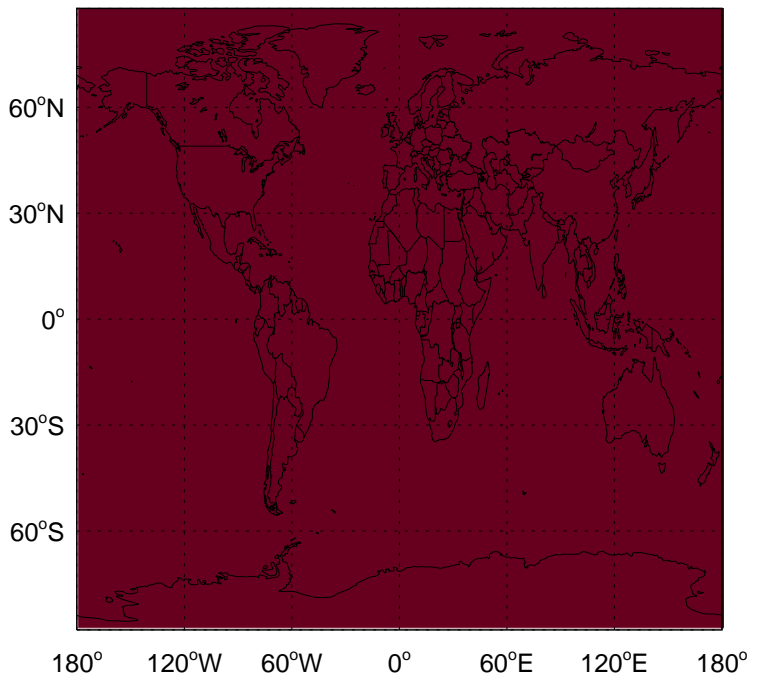
v11-02d / v11-02a

SOAP / Ratio @ Surface for Oct



v11-02d / v11-02a

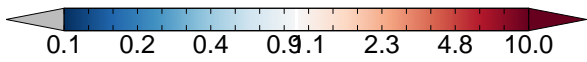
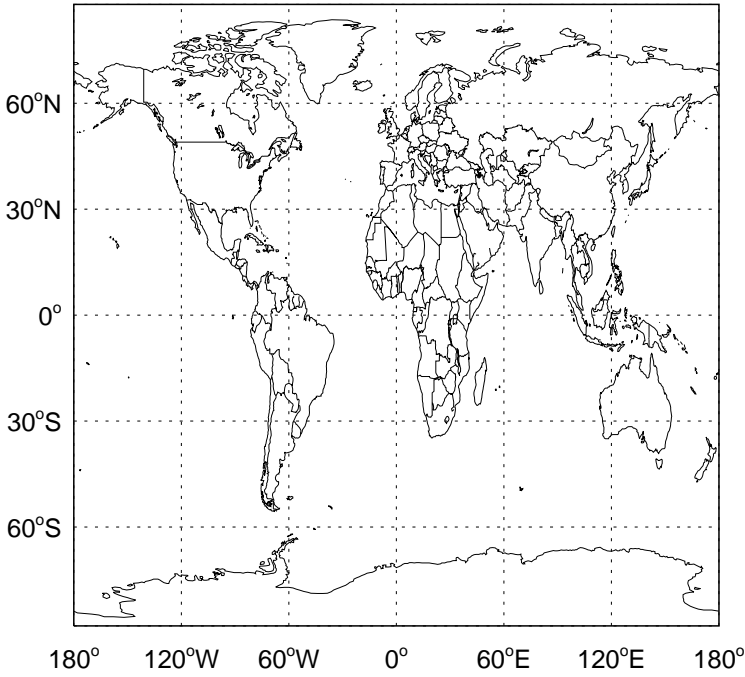
SOAP / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

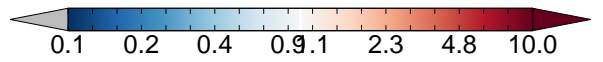
v11-02d / v11-02c

SOAS / Ratio @ Surface for Oct



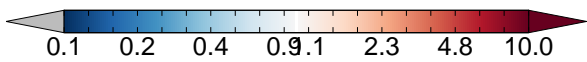
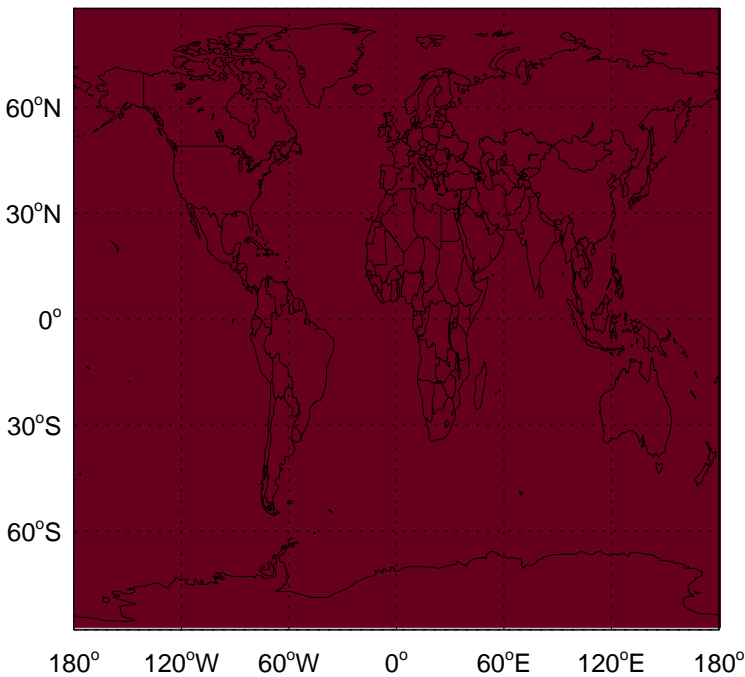
v11-02d / v11-02c

SOAS/ Ratio @ 500 hPa for Oct



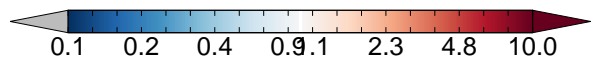
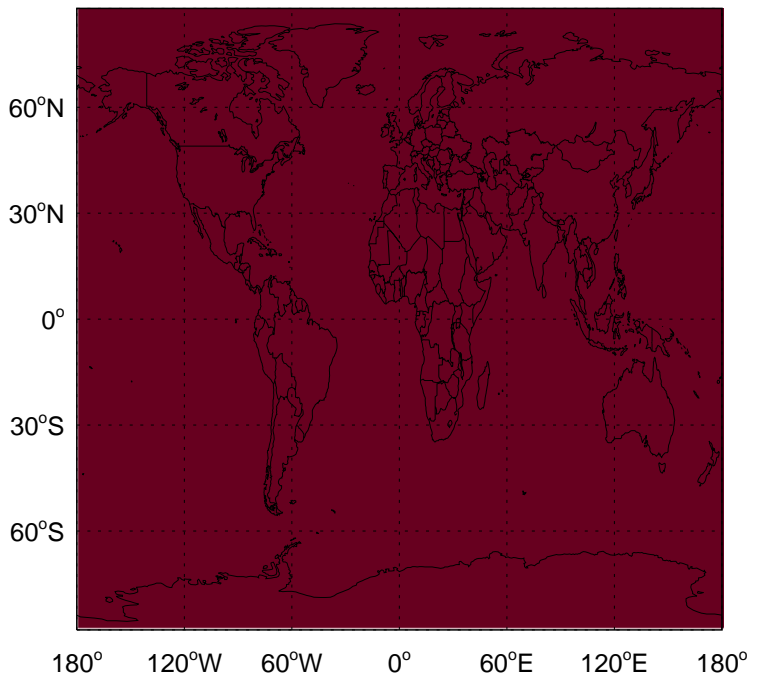
v11-02d / v11-02a

SOAS / Ratio @ Surface for Oct



v11-02d / v11-02a

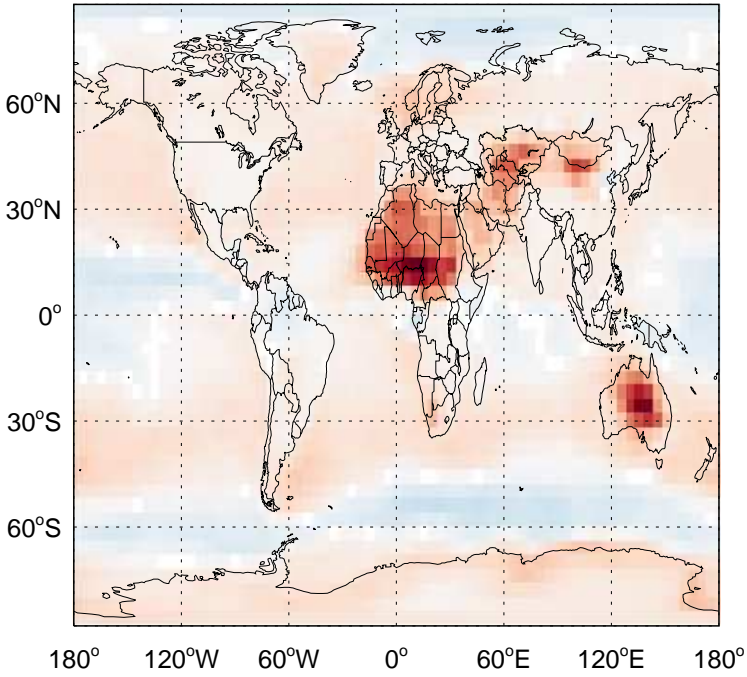
SOAS/ Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

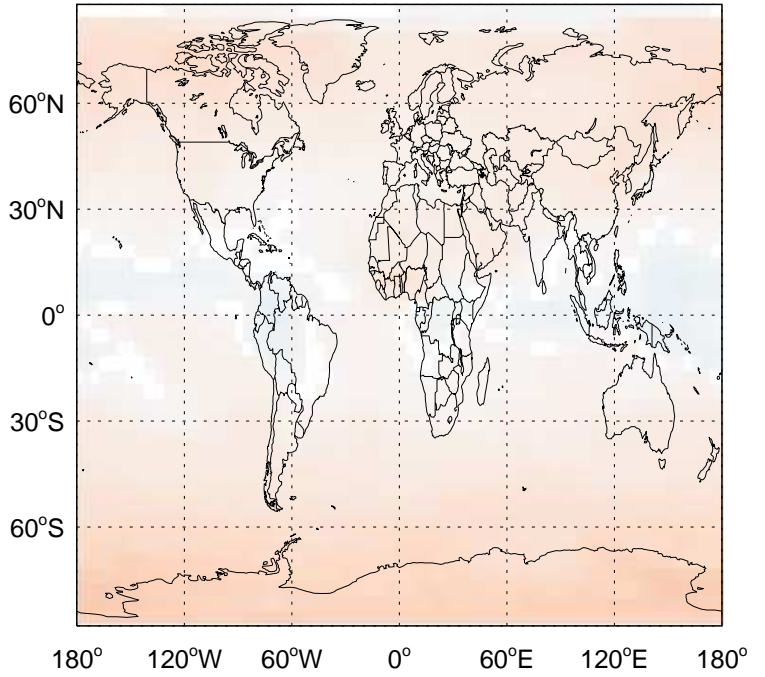
v11-02d / v11-02c

OH / Ratio @ Surface for Oct



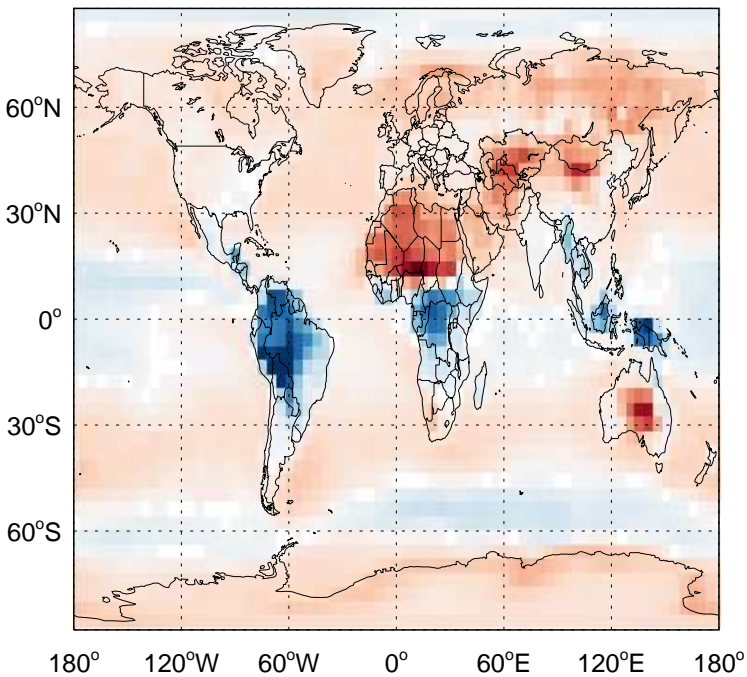
v11-02d / v11-02c

OH / Ratio @ 500 hPa for Oct



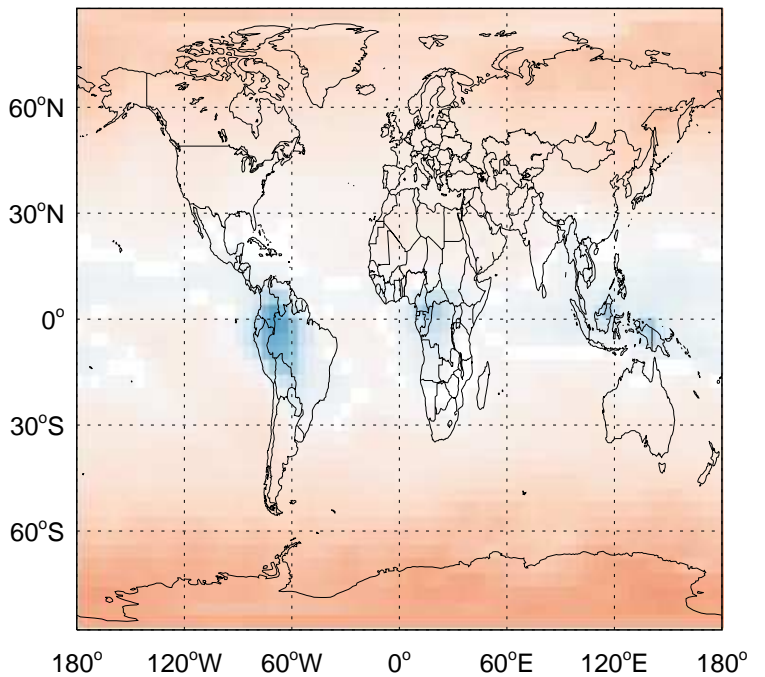
v11-02d / v11-02a

OH / Ratio @ Surface for Oct



v11-02d / v11-02a

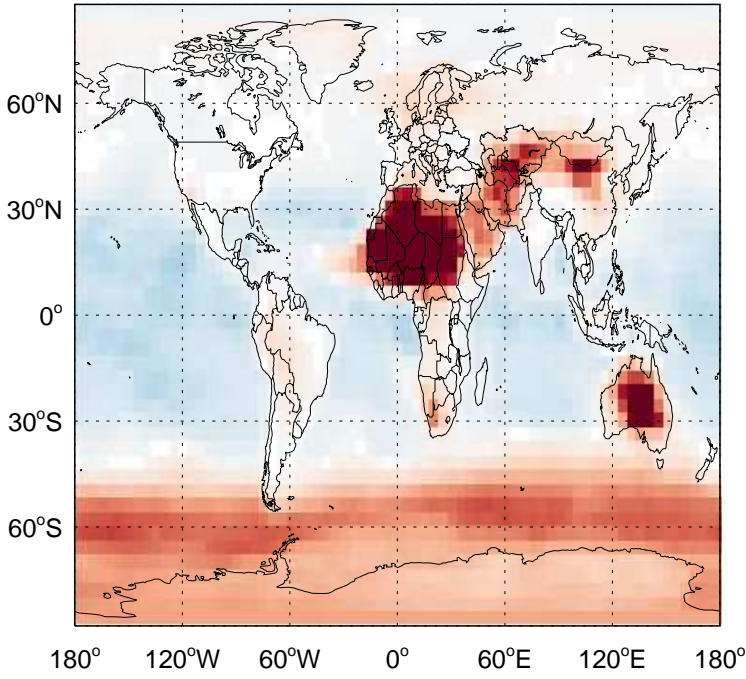
OH / Ratio @ 500 hPa for Oct



# GEOS-Chem Ratio Maps at surface and 500 hPa

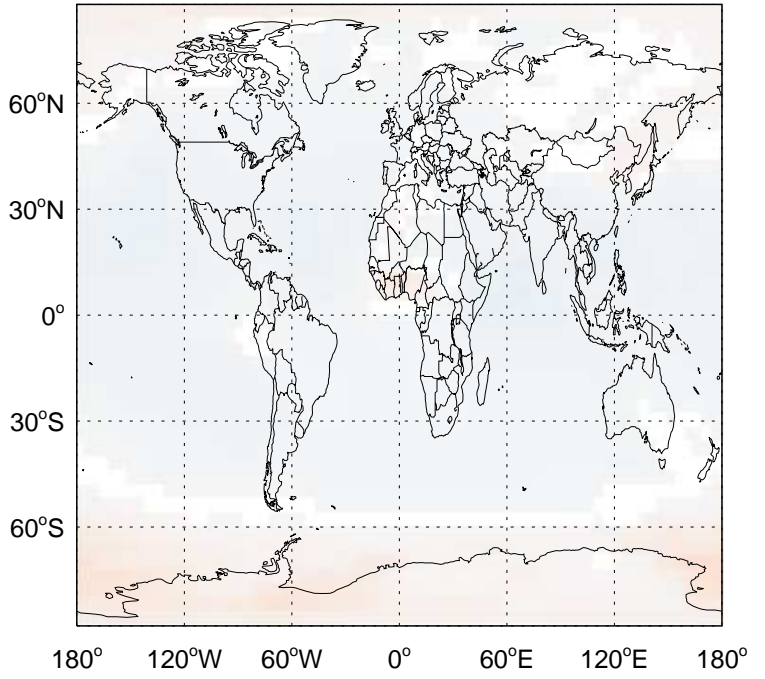
v11-02d / v11-02c

HO<sub>2</sub> / Ratio @ Surface for Oct



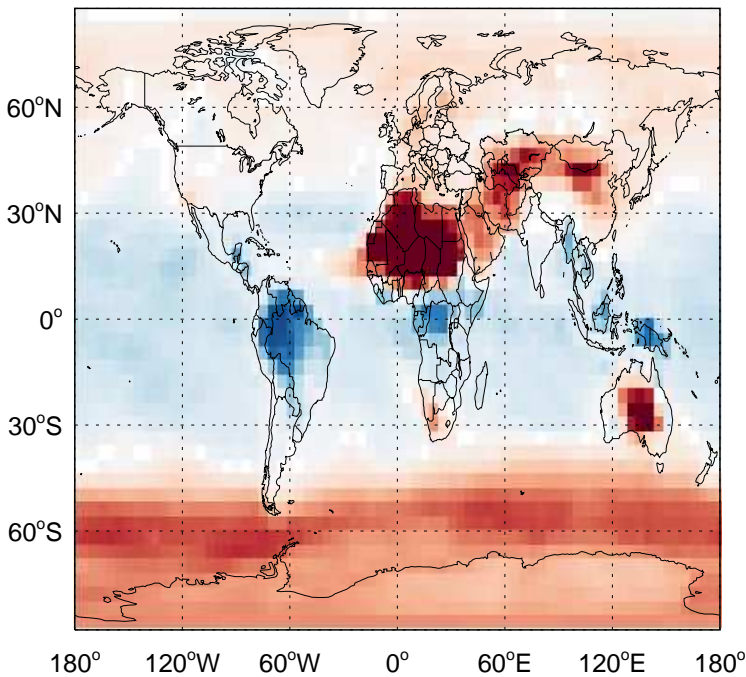
v11-02d / v11-02c

HO<sub>2</sub> / Ratio @ 500 hPa for Oct



v11-02d / v11-02a

HO<sub>2</sub> / Ratio @ Surface for Oct



v11-02d / v11-02a

HO<sub>2</sub> / Ratio @ 500 hPa for Oct

