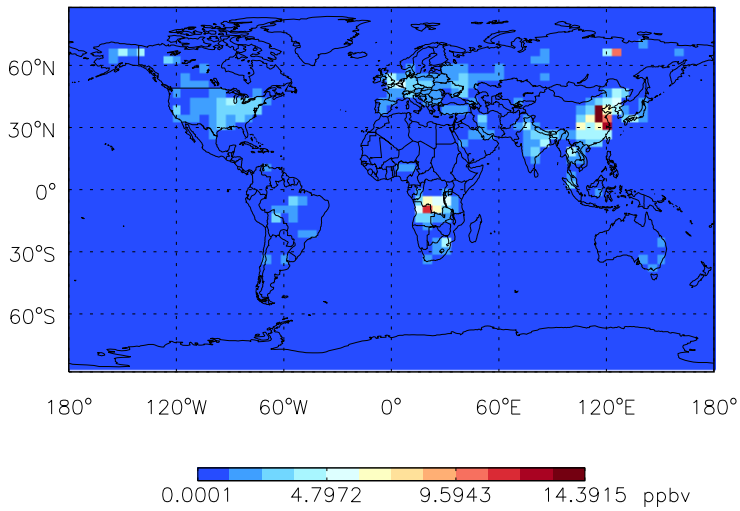


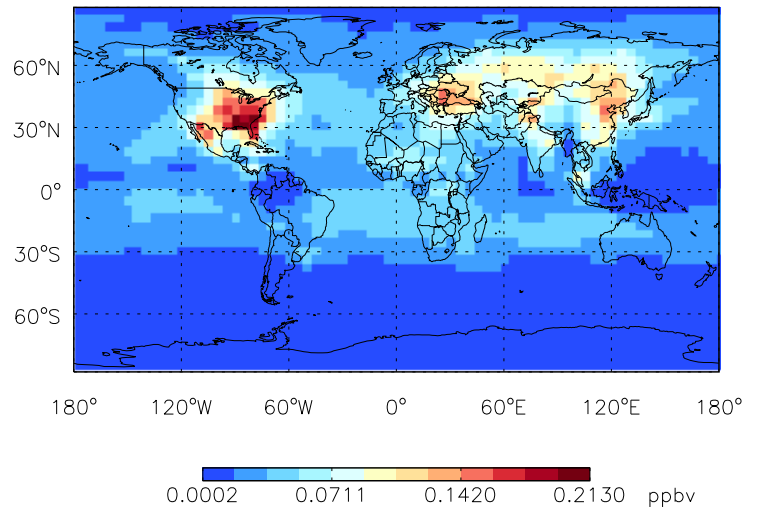
GEOS-Chem v9-01-03r Tracer Maps at Surface and 500 hPa

ctm.bpch.v9-01-03r

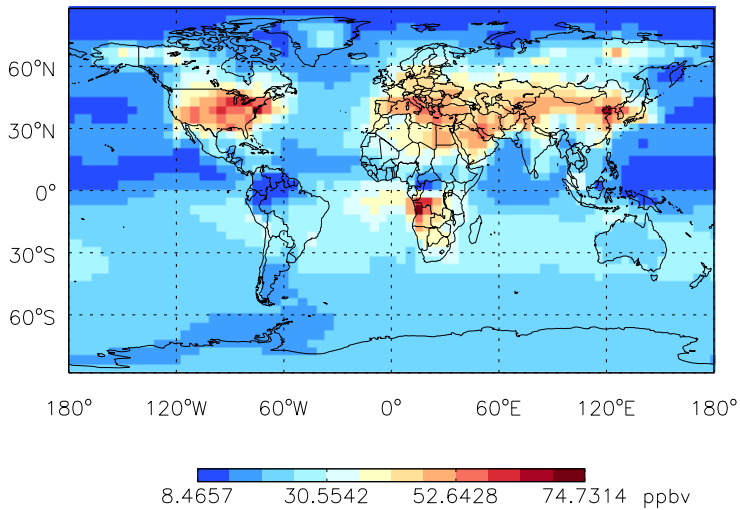
Tracer Map @ Surface – NO_x



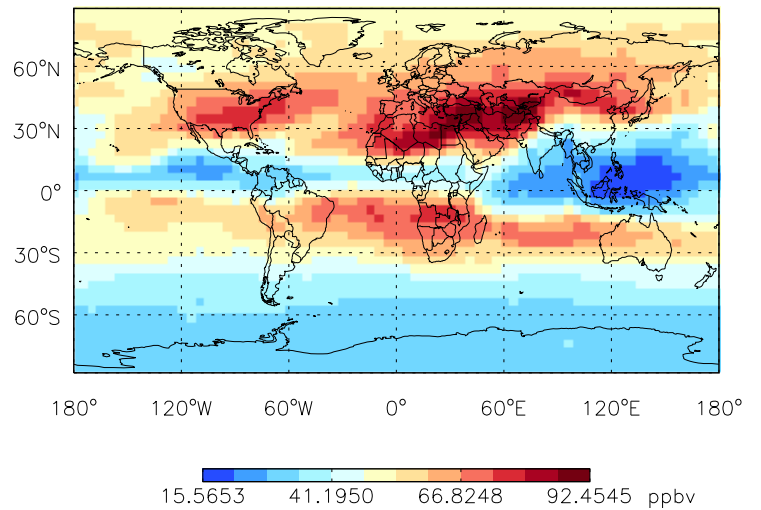
Tracer Map @ 500 hPa – NO_x



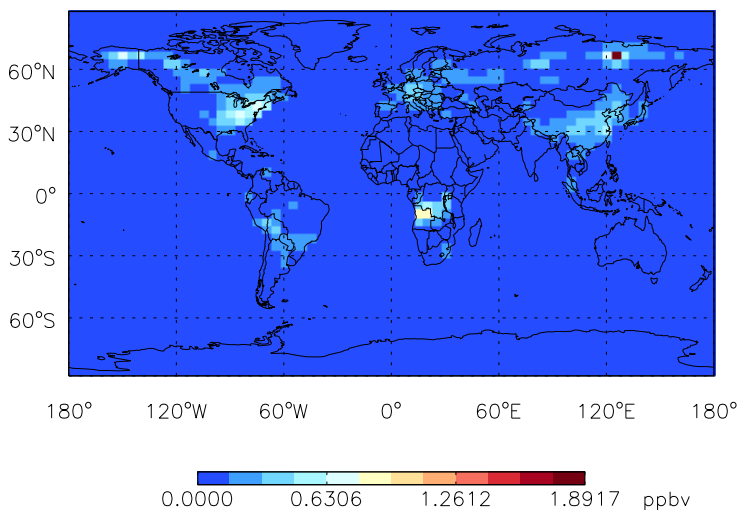
Tracer Map @ Surface – O_x



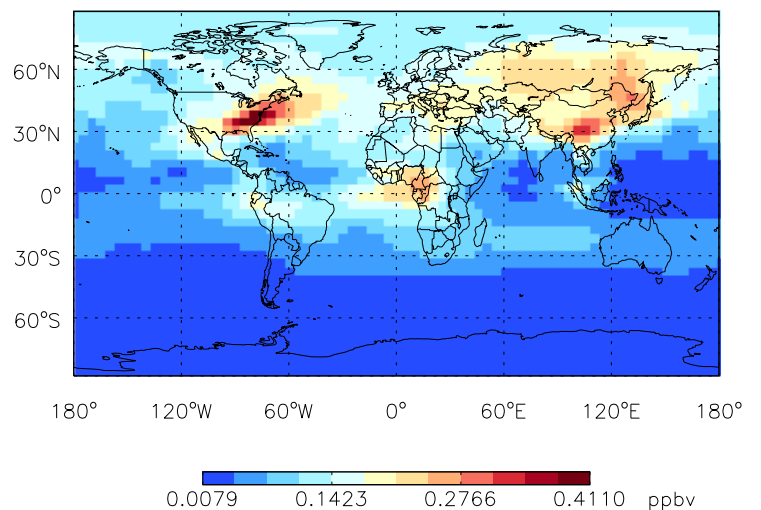
Tracer Map @ 500 hPa – O_x



Tracer Map @ Surface – PAN



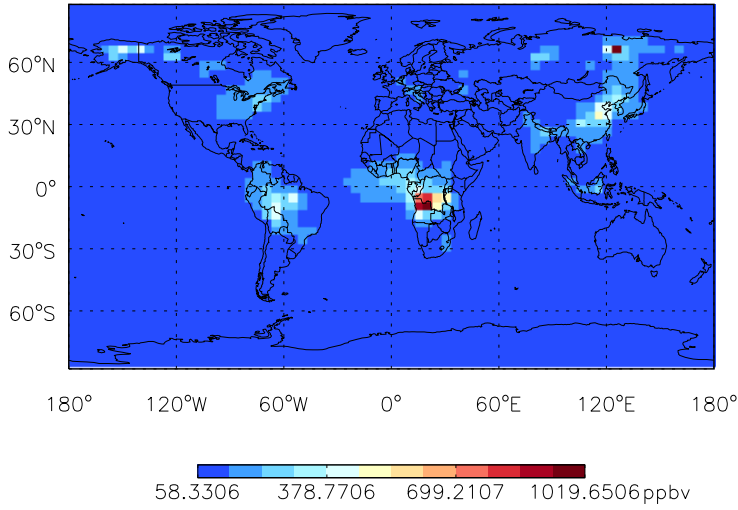
Tracer Map @ 500 hPa – PAN



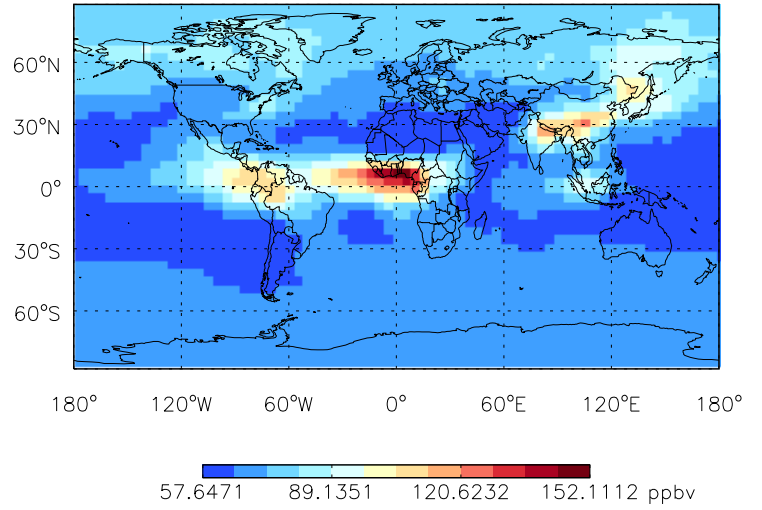
GEOS-Chem v9-01-03r Tracer Maps at Surface and 500 hPa

ctm.bpch.v9-01-03r

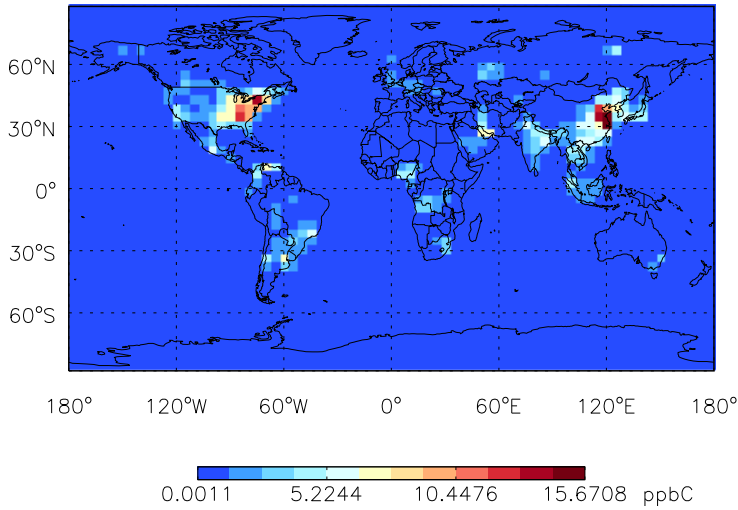
Tracer Map @ Surface - CO



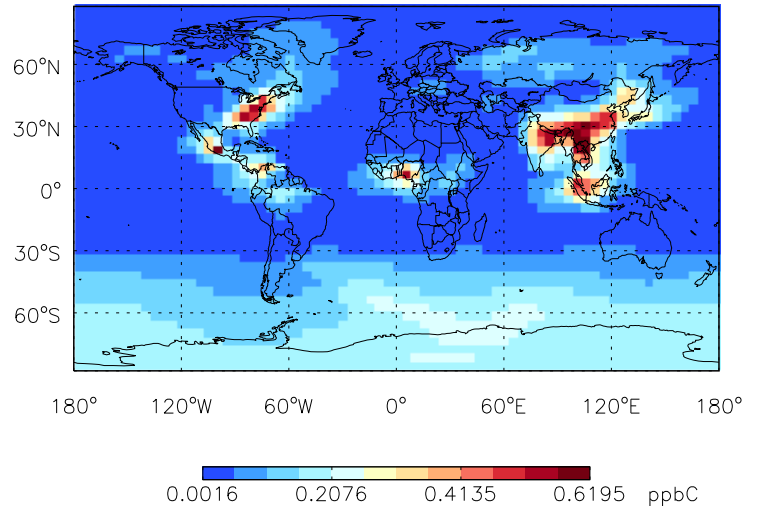
Tracer Map @ 500 hPa - CO



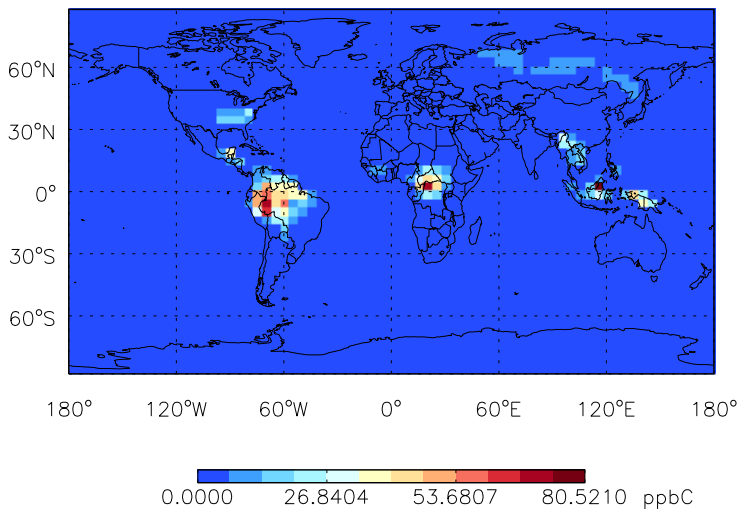
Tracer Map @ Surface - ALK4



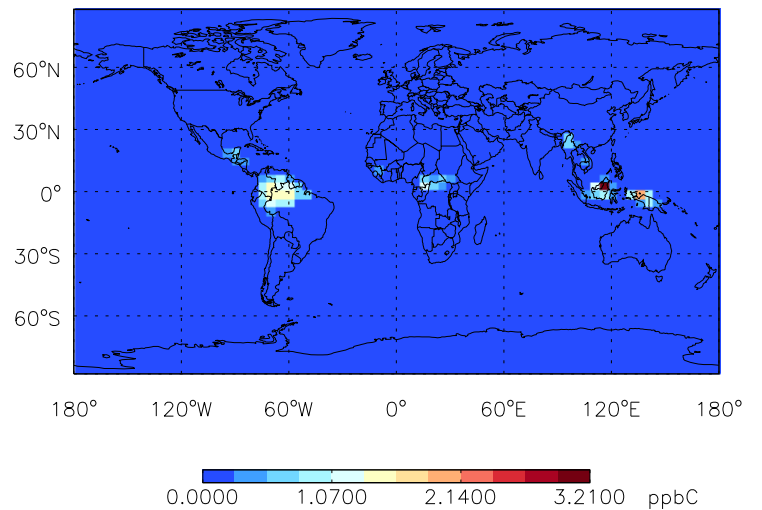
Tracer Map @ 500 hPa - ALK4



Tracer Map @ Surface - ISOP



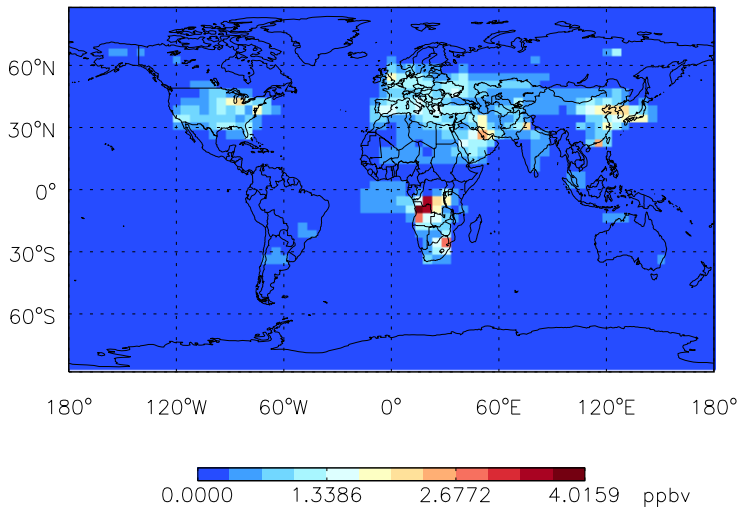
Tracer Map @ 500 hPa - ISOP



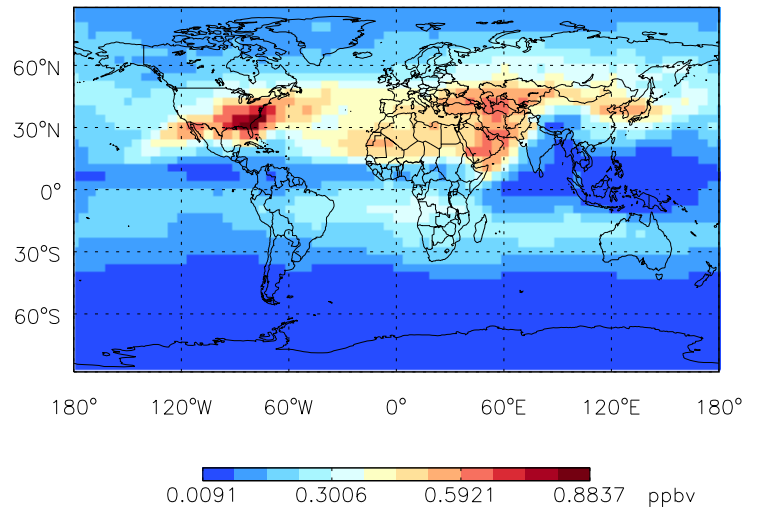
GEOS-Chem v9-01-03r Tracer Maps at Surface and 500 hPa

ctm.bpch.v9-01-03r

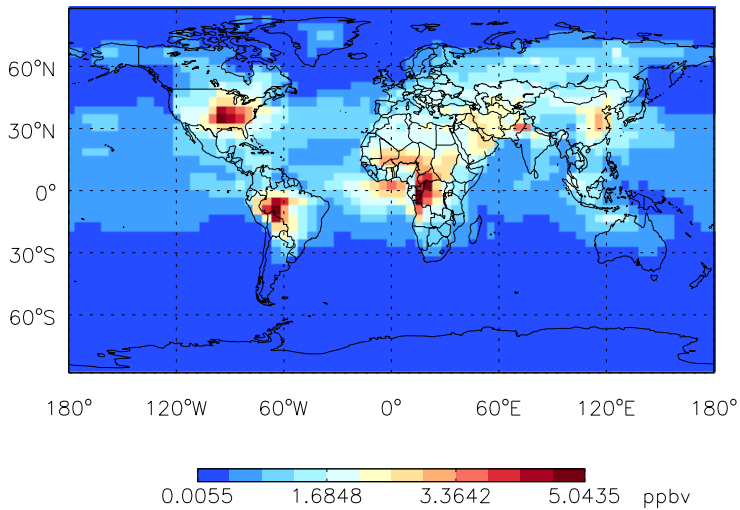
Tracer Map @ Surface – HN03



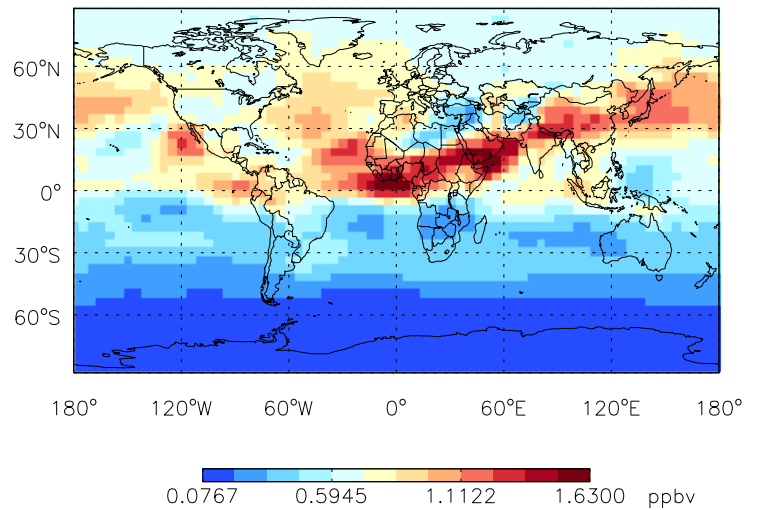
Tracer Map @ 500 hPa – HN03



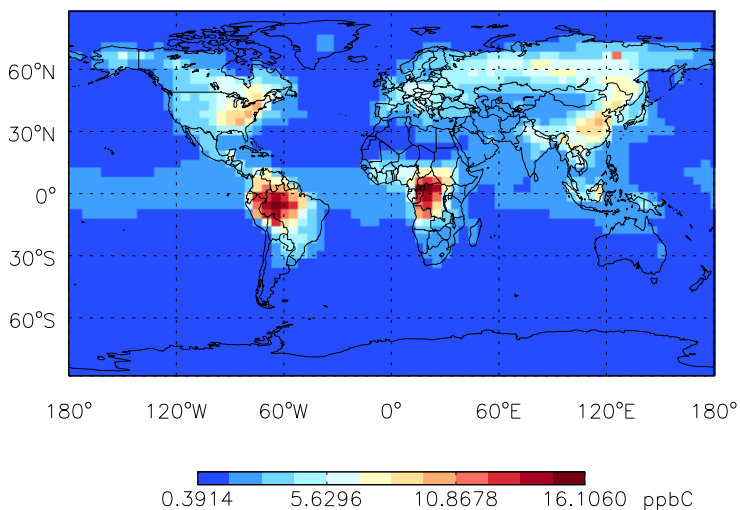
Tracer Map @ Surface – H2O2



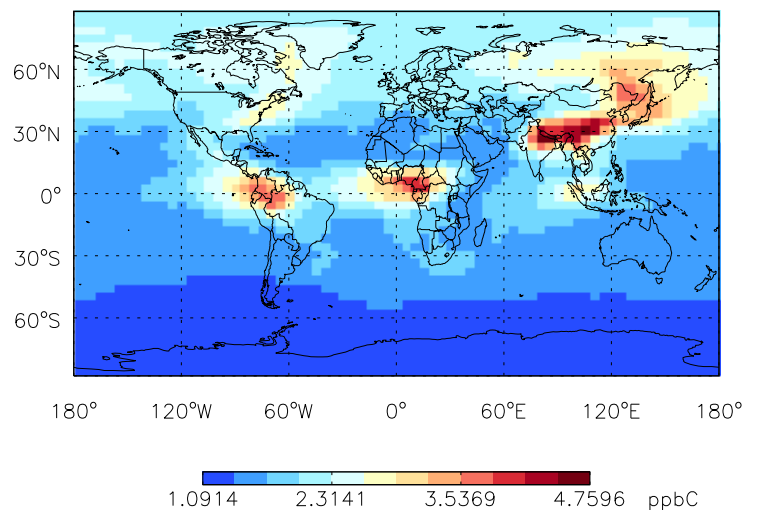
Tracer Map @ 500 hPa – H2O2



Tracer Map @ Surface – ACET



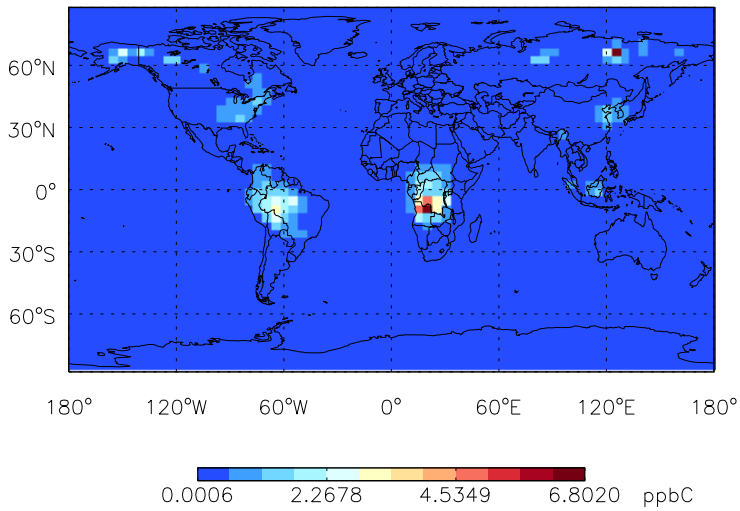
Tracer Map @ 500 hPa – ACET



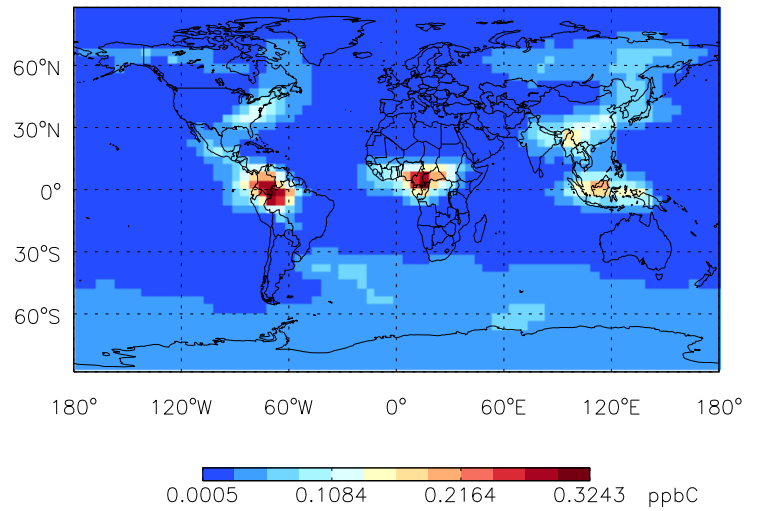
GEOS-Chem v9-01-03r Tracer Maps at Surface and 500 hPa

ctm.bpch.v9-01-03r

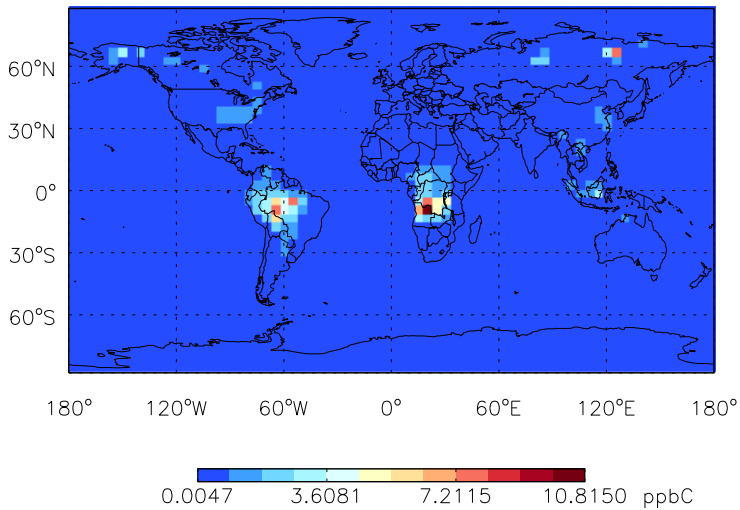
Tracer Map @ Surface – MEK



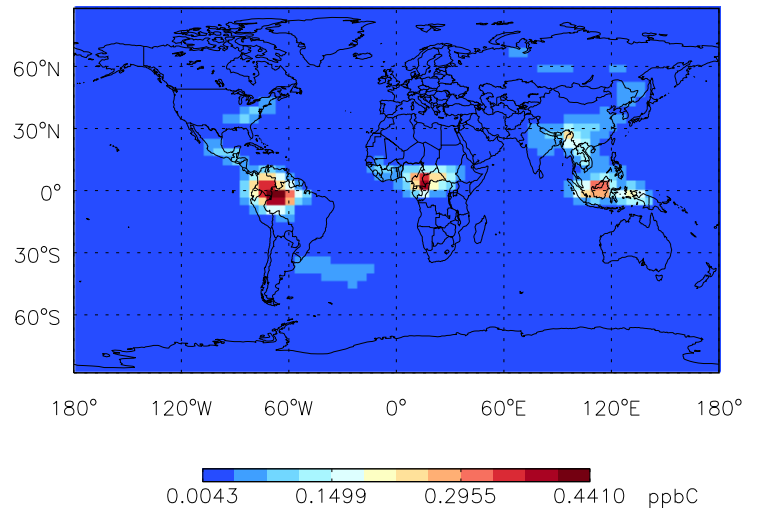
Tracer Map @ 500 hPa – MEK



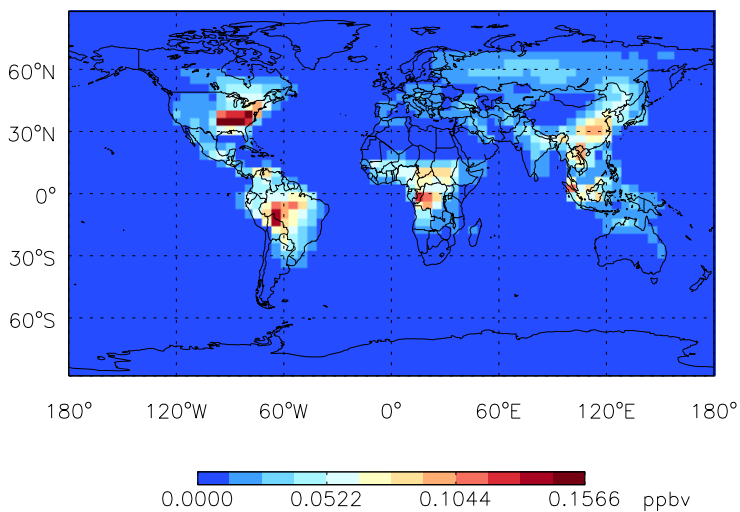
Tracer Map @ Surface – ALD2



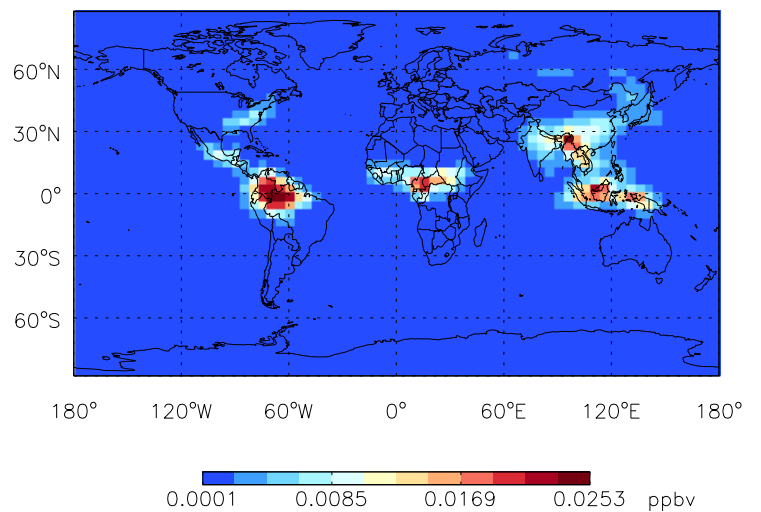
Tracer Map @ 500 hPa – ALD2



Tracer Map @ Surface – RCHO



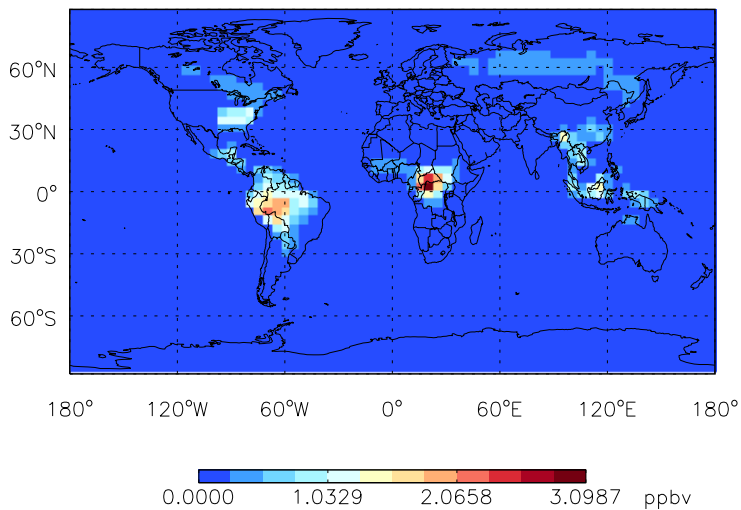
Tracer Map @ 500 hPa – RCHO



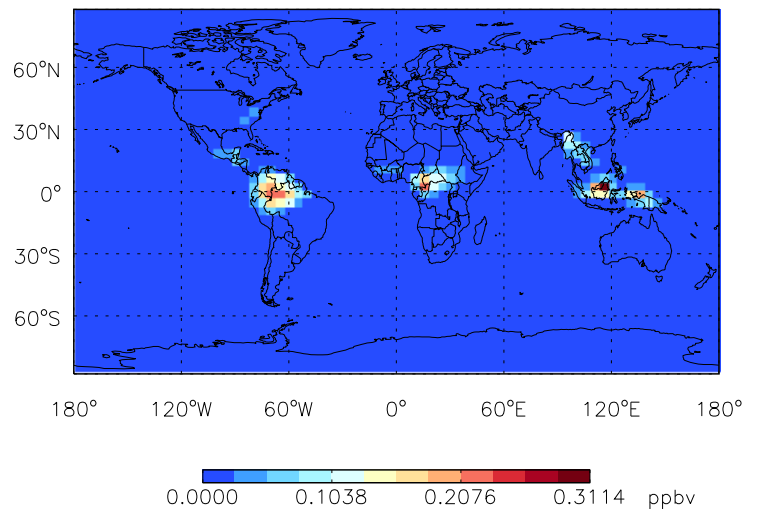
GEOS-Chem v9-01-03r Tracer Maps at Surface and 500 hPa

ctm.bpch.v9-01-03r

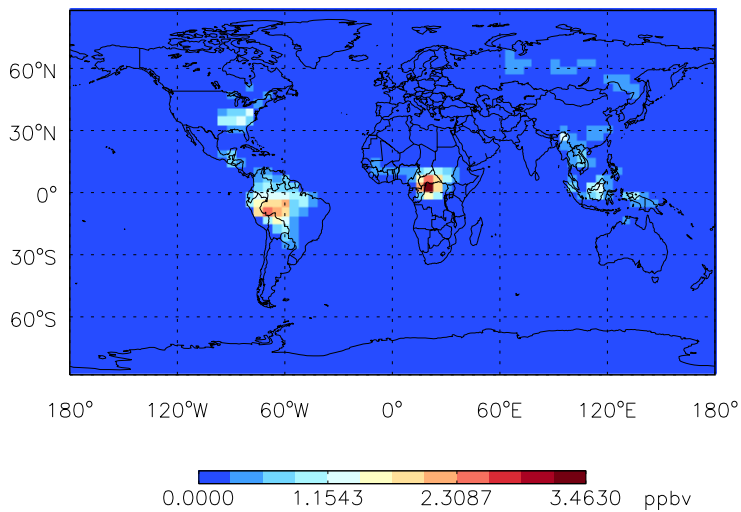
Tracer Map @ Surface – MVK



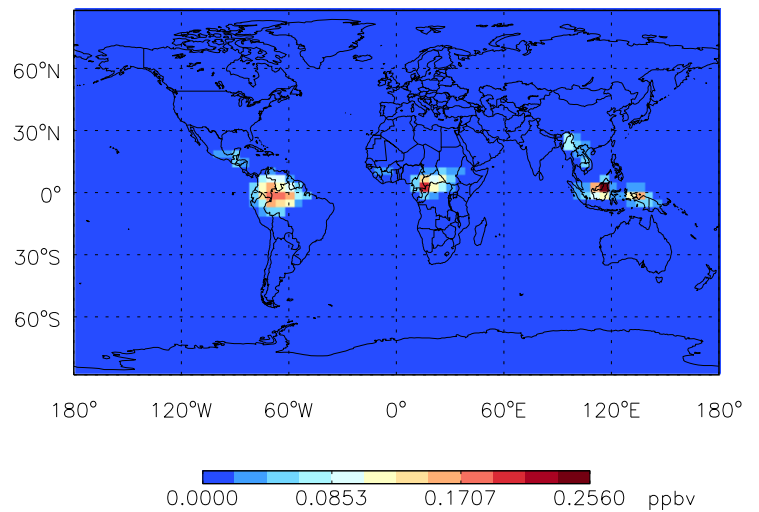
Tracer Map @ 500 hPa – MVK



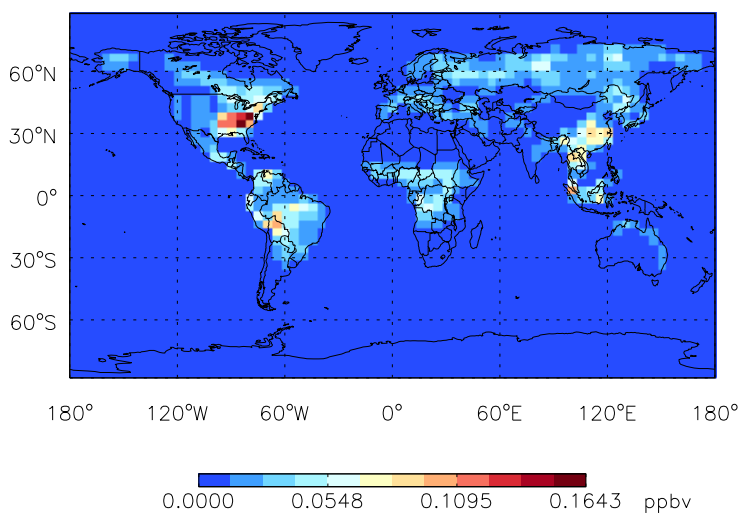
Tracer Map @ Surface – MACR



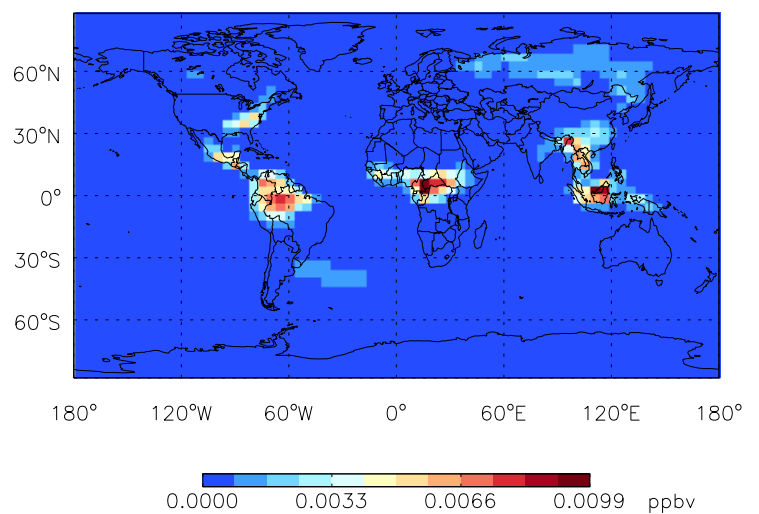
Tracer Map @ 500 hPa – MACR



Tracer Map @ Surface – PMN



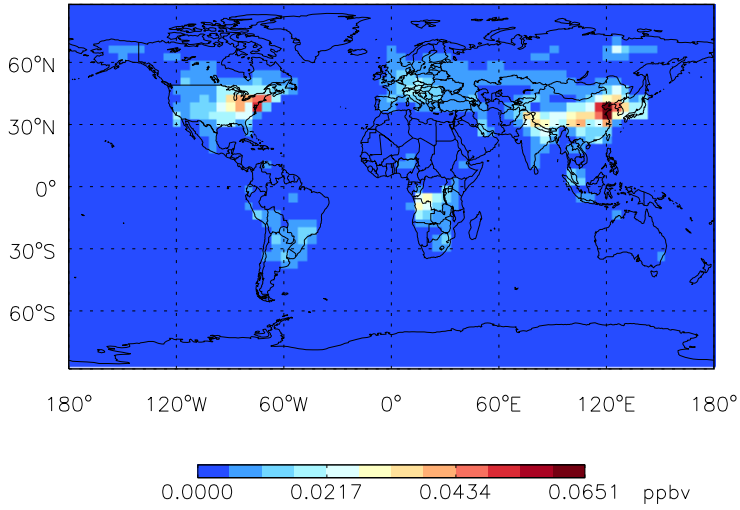
Tracer Map @ 500 hPa – PMN



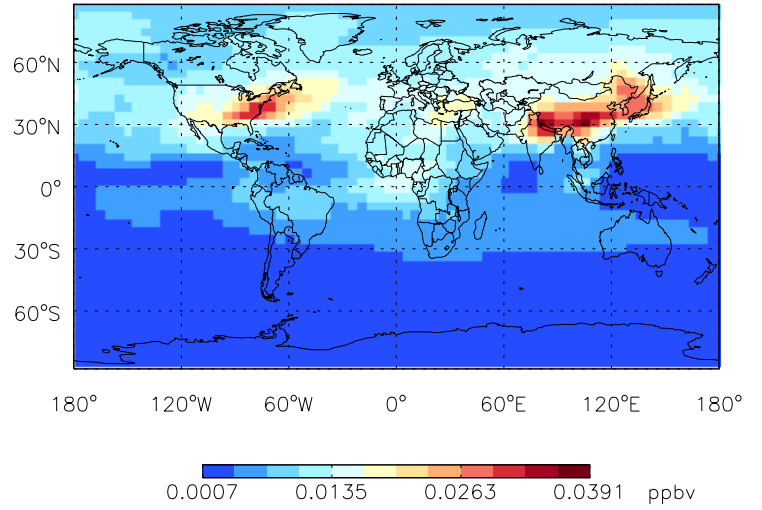
GEOS-Chem v9-01-03r Tracer Maps at Surface and 500 hPa

ctm.bpch.v9-01-03r

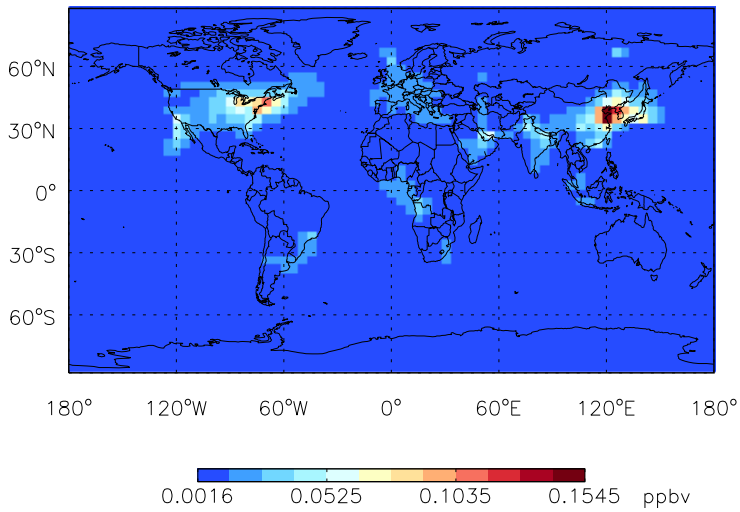
Tracer Map @ Surface – PPN



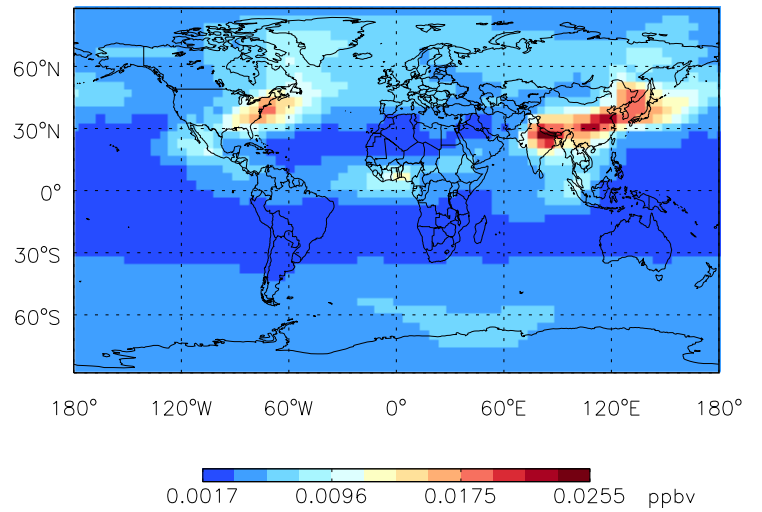
Tracer Map @ 500 hPa – PPN



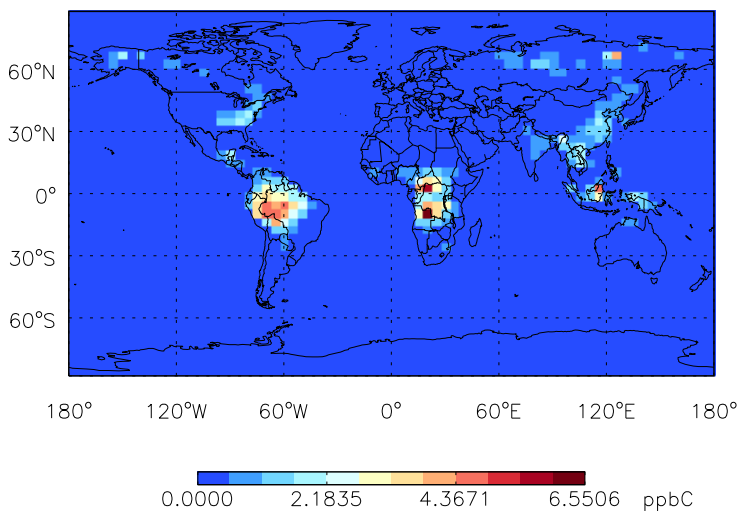
Tracer Map @ Surface – R4N2



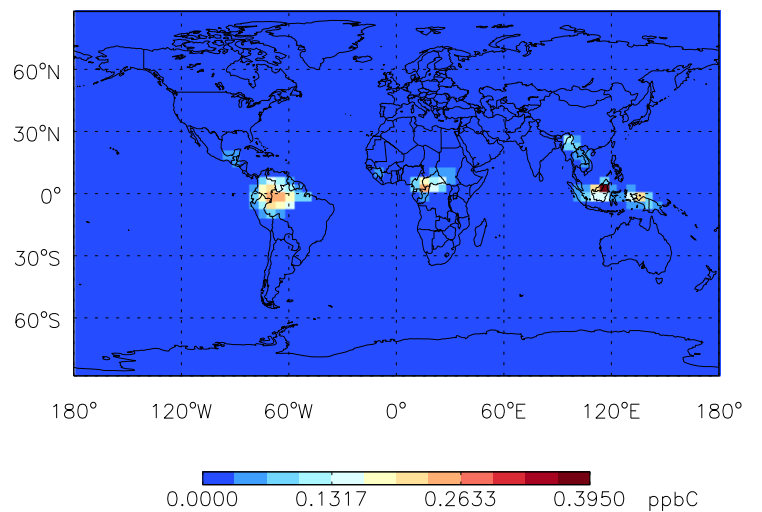
Tracer Map @ 500 hPa – R4N2



Tracer Map @ Surface – PRPE



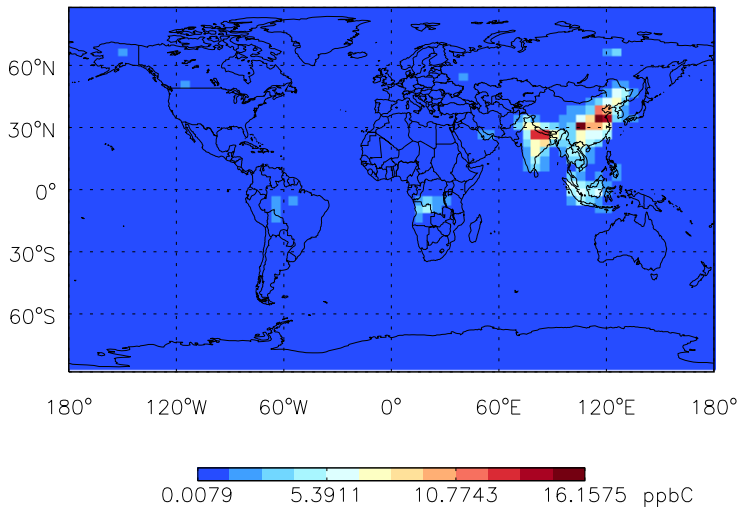
Tracer Map @ 500 hPa – PRPE



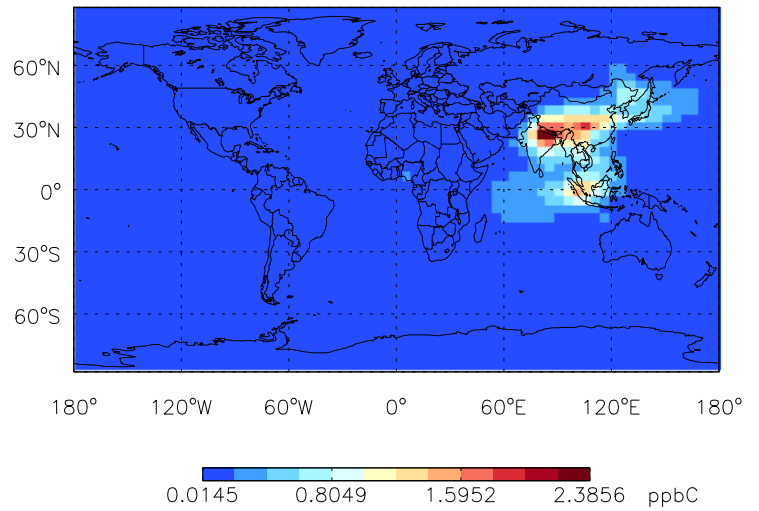
GEOS-Chem v9-01-03r Tracer Maps at Surface and 500 hPa

ctm.bpch.v9-01-03r

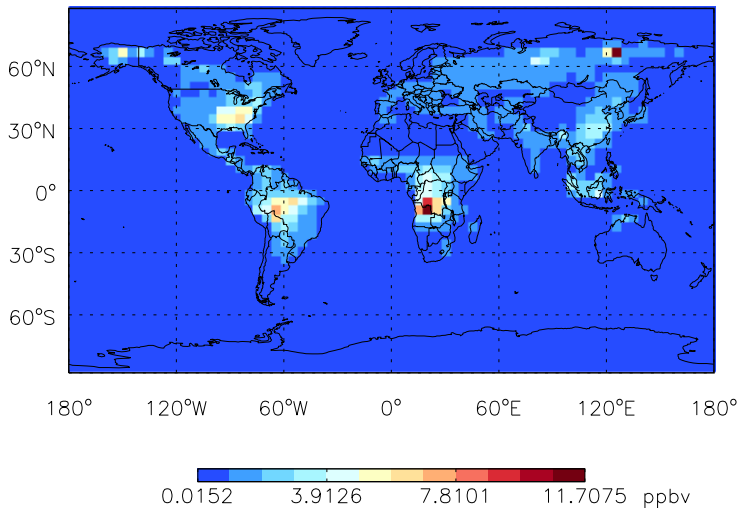
Tracer Map @ Surface – C3H8



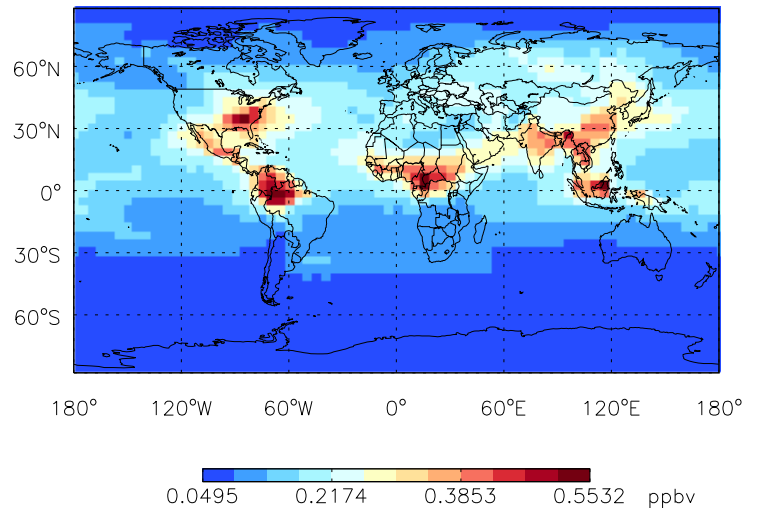
Tracer Map @ 500 hPa – C3H8



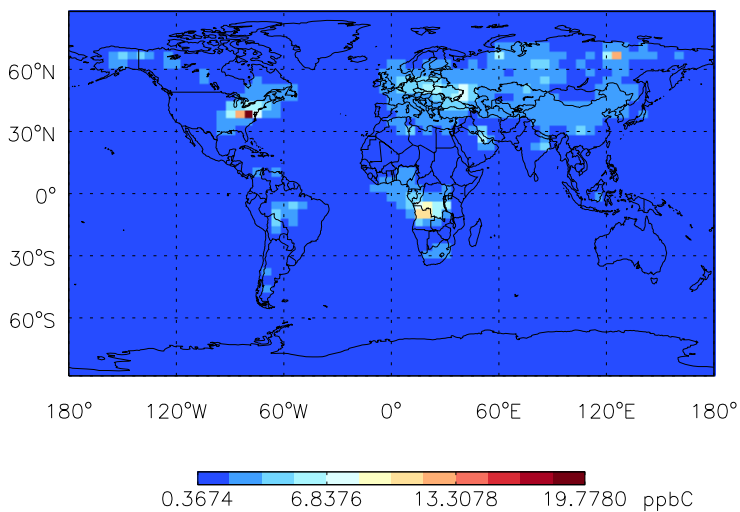
Tracer Map @ Surface – CH2O



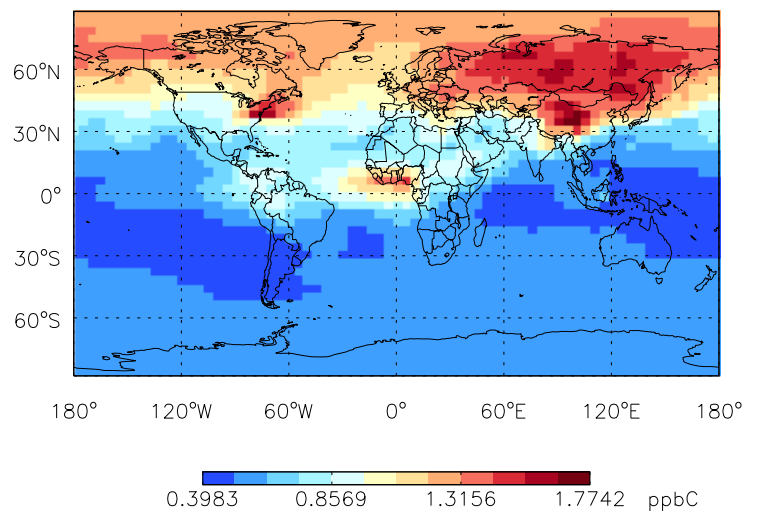
Tracer Map @ 500 hPa – CH2O



Tracer Map @ Surface – C2H6



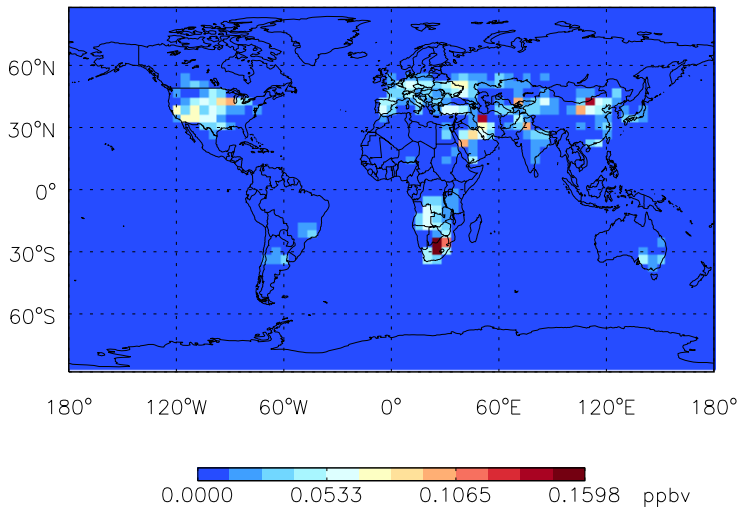
Tracer Map @ 500 hPa – C2H6



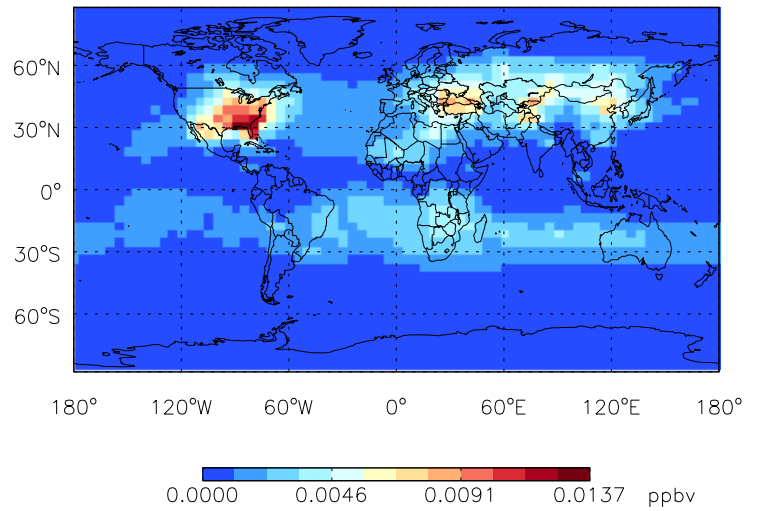
GEOS-Chem v9-01-03r Tracer Maps at Surface and 500 hPa

ctm.bpch.v9-01-03r

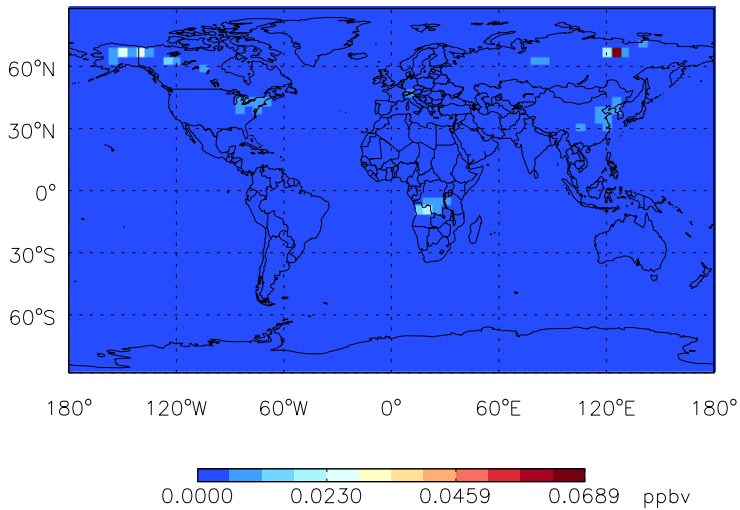
Tracer Map @ Surface – N2O5



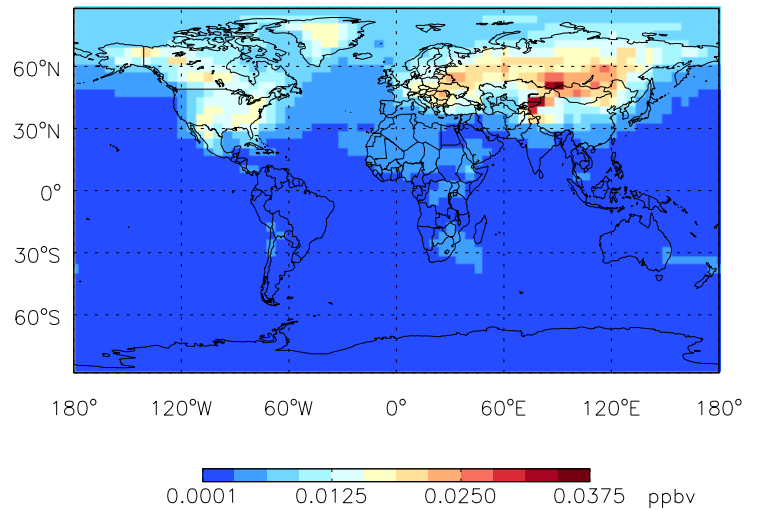
Tracer Map @ 500 hPa – N2O5



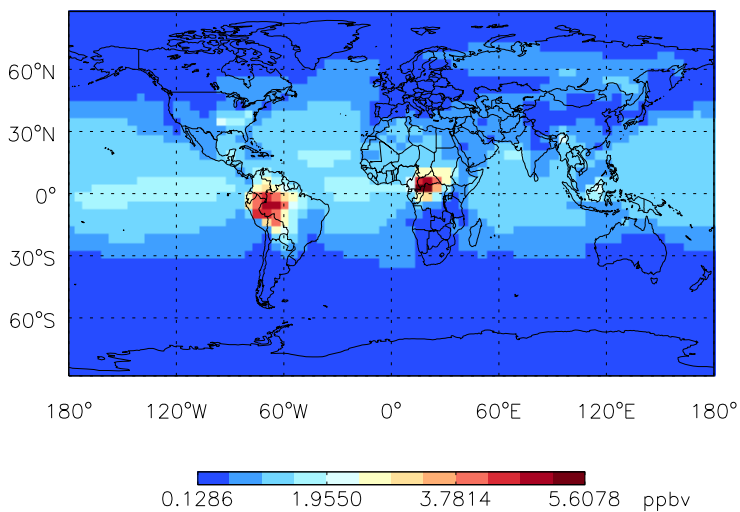
Tracer Map @ Surface – HN04



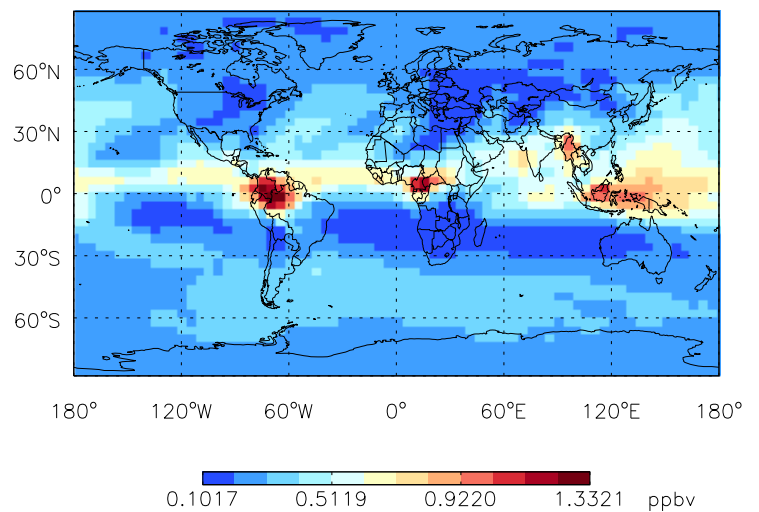
Tracer Map @ 500 hPa – HN04



Tracer Map @ Surface – MP



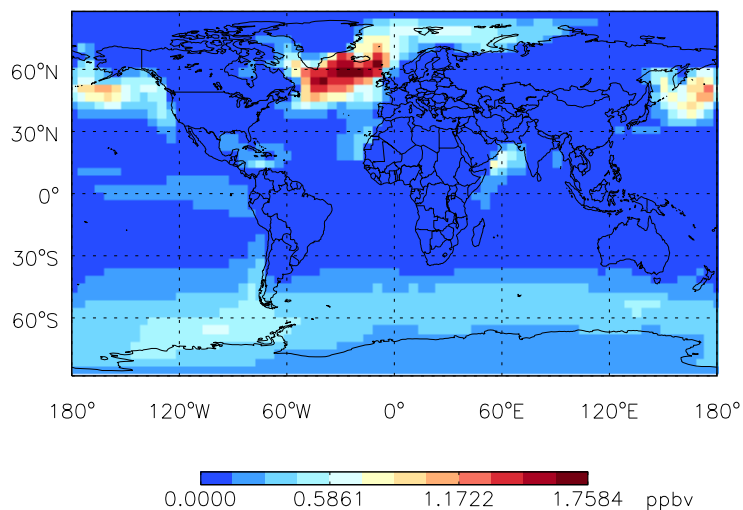
Tracer Map @ 500 hPa – MP



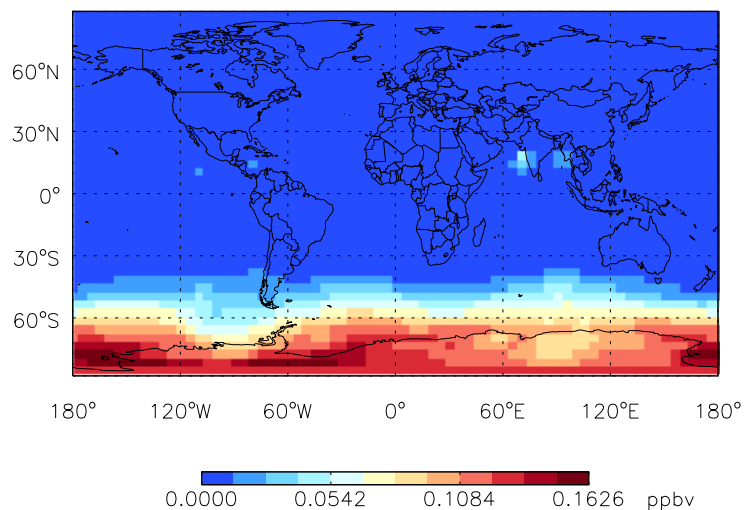
GEOS-Chem v9-01-03r Tracer Maps at Surface and 500 hPa

ctm.bpch.v9-01-03r

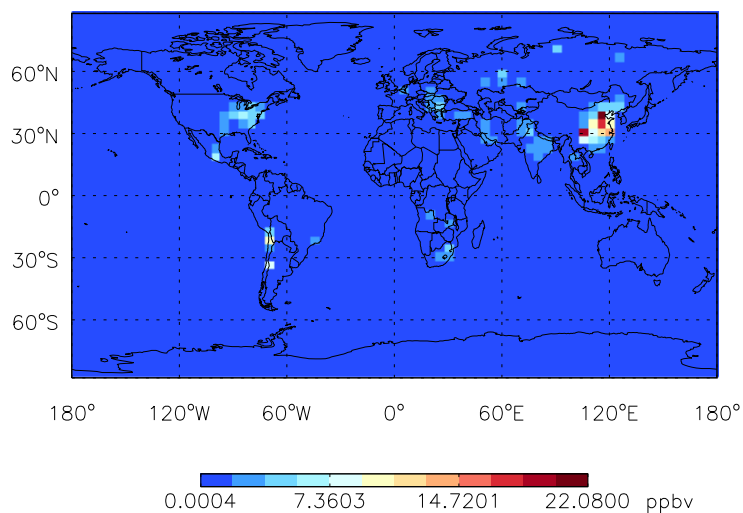
Tracer Map @ Surface – DMS



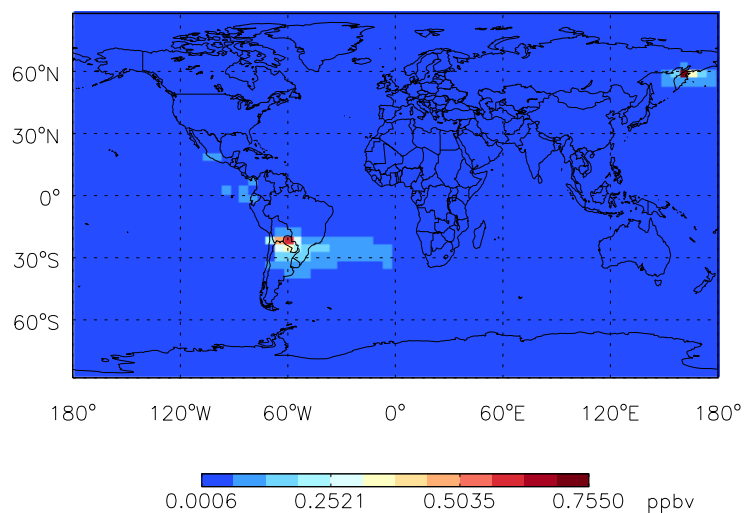
Tracer Map @ 500 hPa – DMS



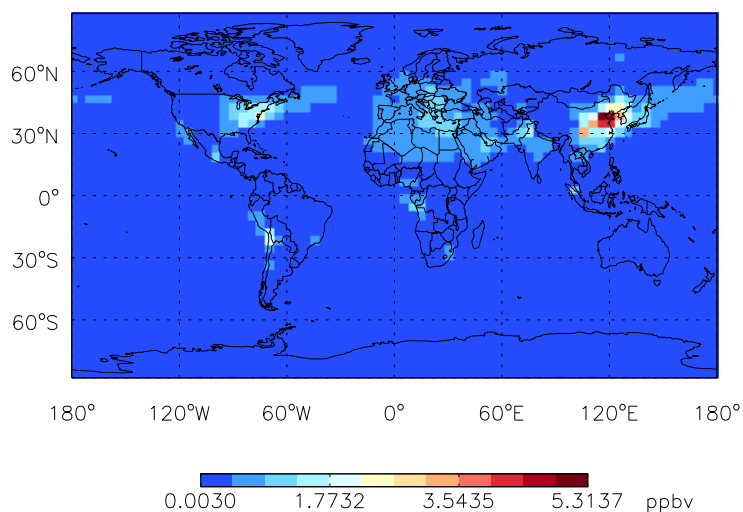
Tracer Map @ Surface – SO2



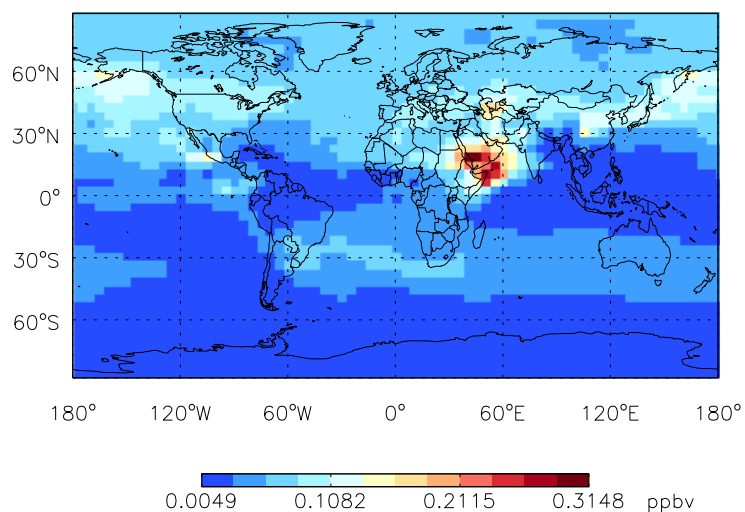
Tracer Map @ 500 hPa – SO2



Tracer Map @ Surface – SO4



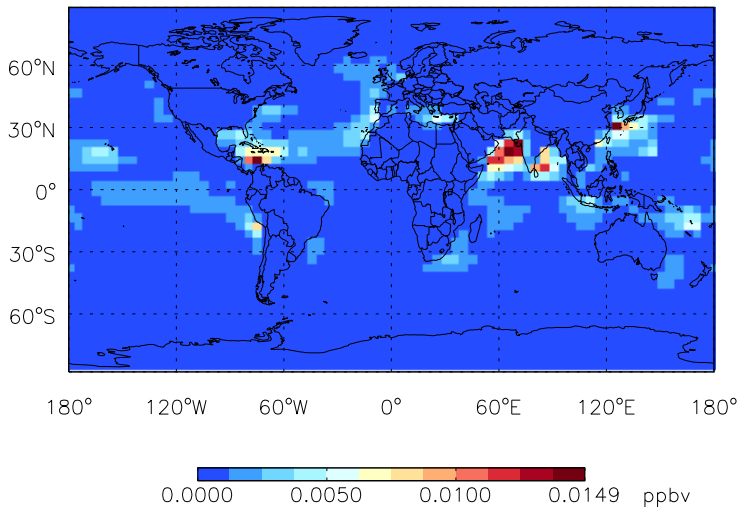
Tracer Map @ 500 hPa – SO4



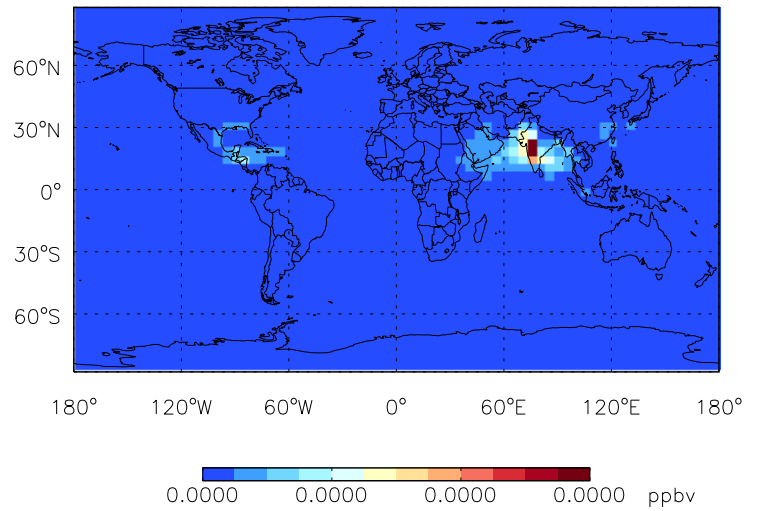
GEOS-Chem v9-01-03r Tracer Maps at Surface and 500 hPa

ctm.bpch.v9-01-03r

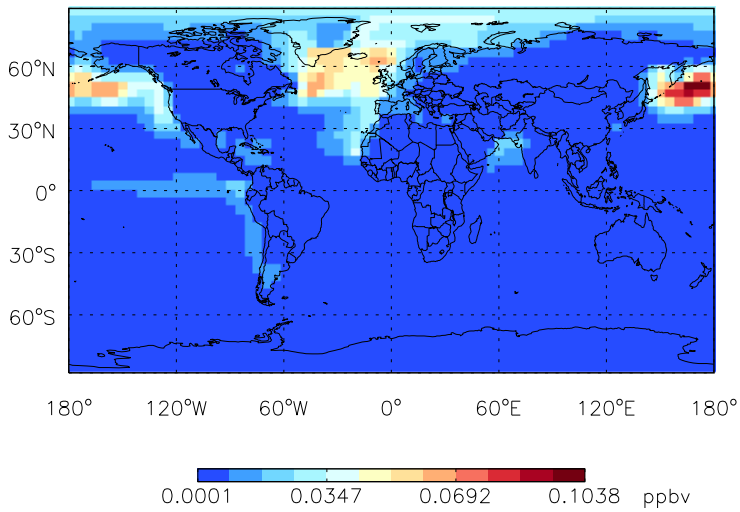
Tracer Map @ Surface – SO₄s



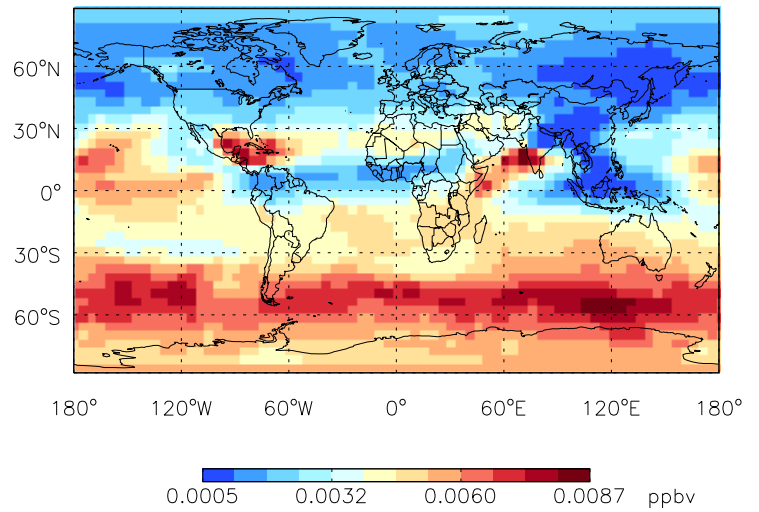
Tracer Map @ 500 hPa – SO₄s



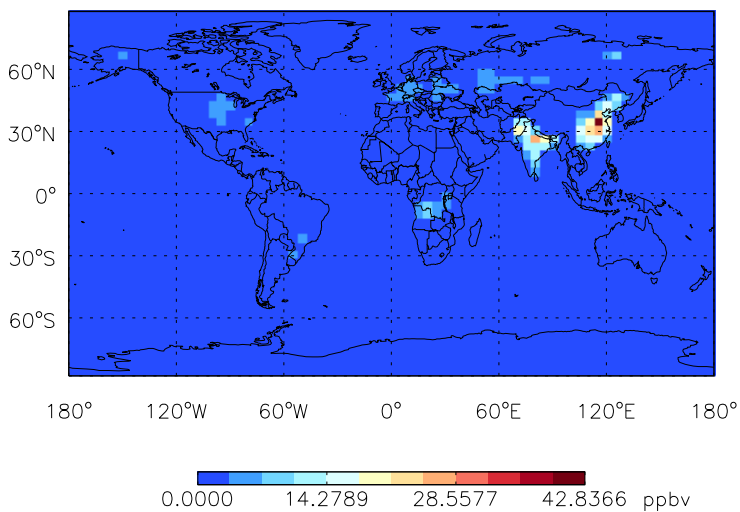
Tracer Map @ Surface – MSA



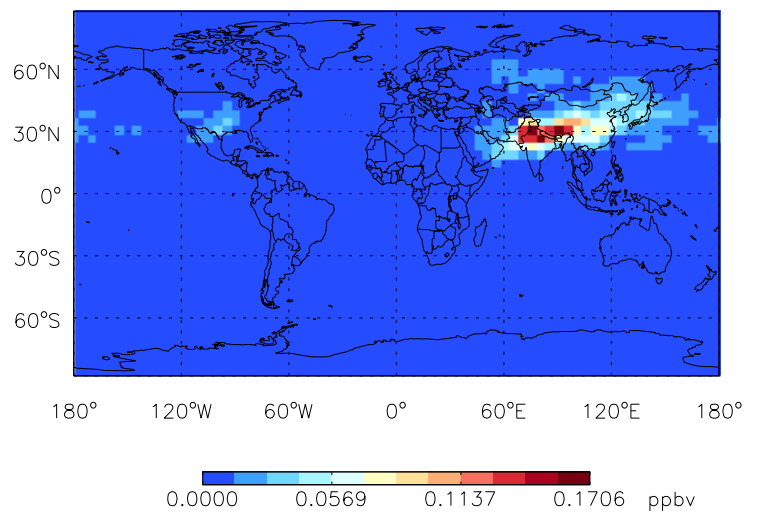
Tracer Map @ 500 hPa – MSA



Tracer Map @ Surface – NH₃



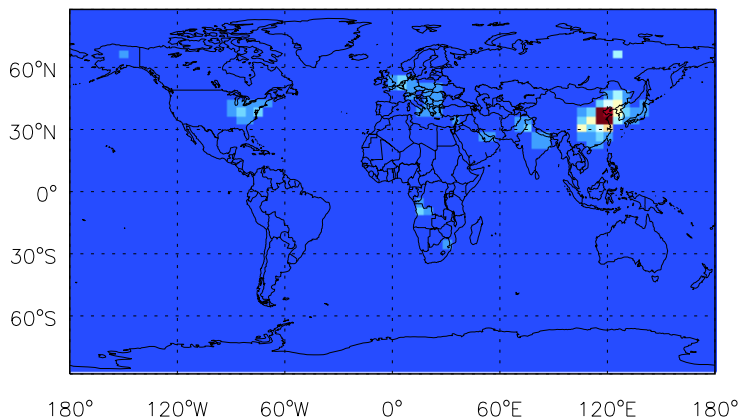
Tracer Map @ 500 hPa – NH₃



GEOS-Chem v9-01-03r Tracer Maps at Surface and 500 hPa

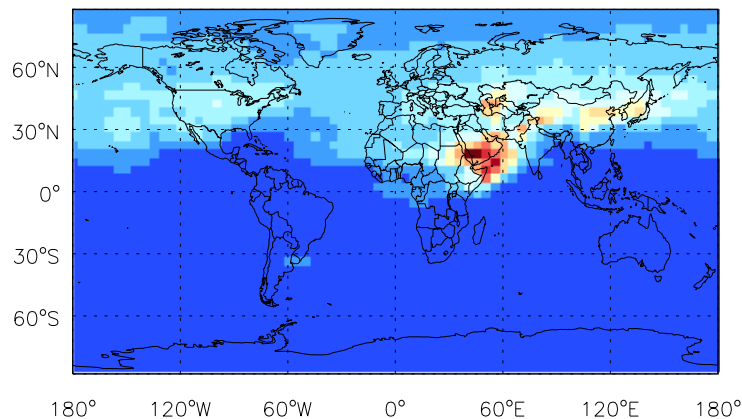
ctm.bpch.v9-01-03r

Tracer Map @ Surface – NH4



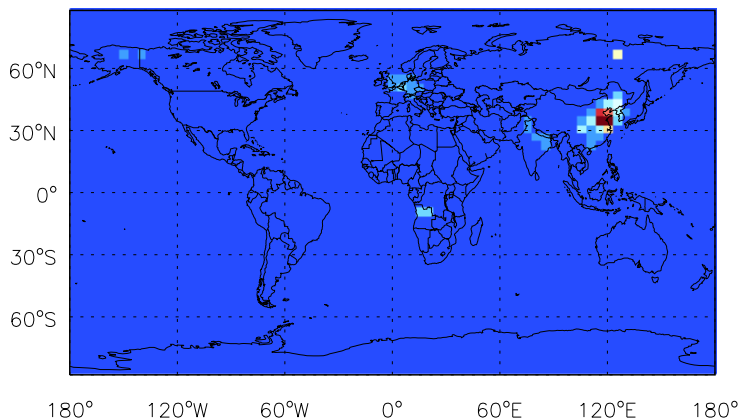
0.0001 7.5035 15.0069 22.5103 ppbv

Tracer Map @ 500 hPa – NH4



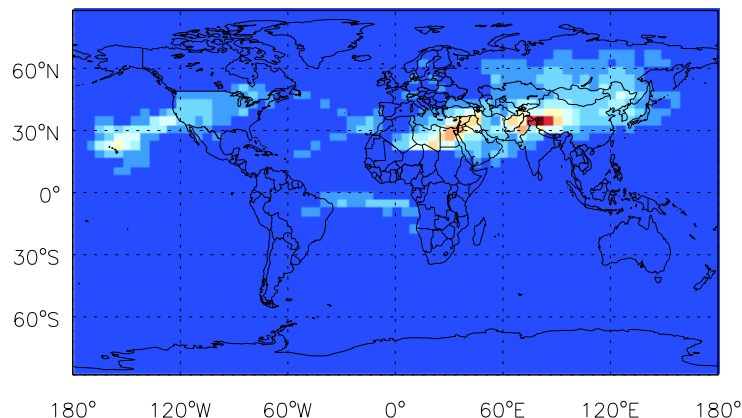
0.0026 0.1984 0.3943 0.5901 ppbv

Tracer Map @ Surface – NIT



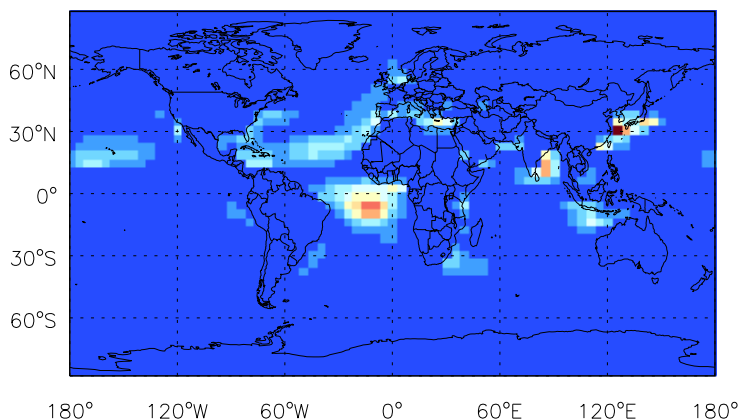
0.0000 4.7254 9.4508 14.1762 ppbv

Tracer Map @ 500 hPa – NIT



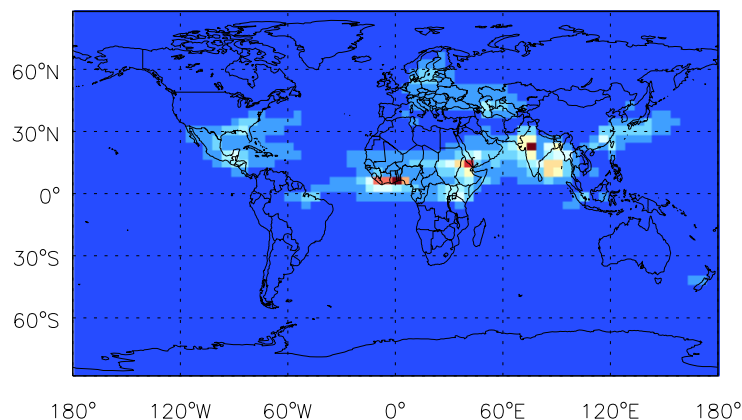
0.0000 0.0705 0.1409 0.2114 ppbv

Tracer Map @ Surface – NITs



0.0000 0.0054 0.0108 0.0161 ppbv

Tracer Map @ 500 hPa – NITs

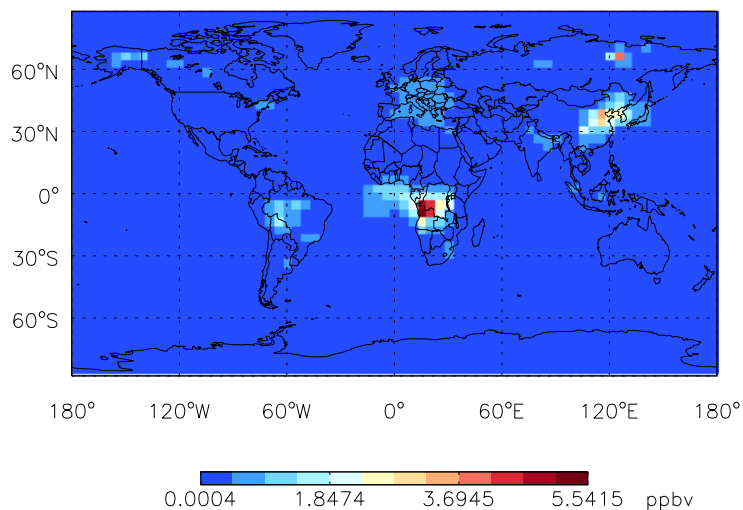


0.0000 0.0000 0.0000 0.0000 ppbv

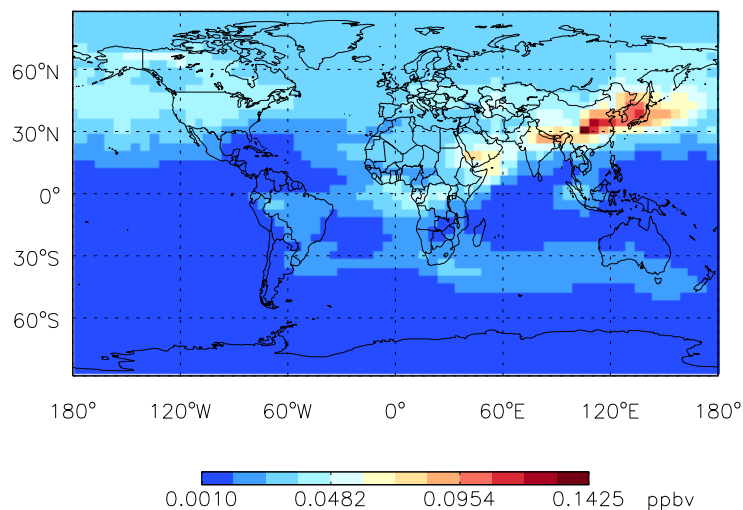
GEOS-Chem v9-01-03r Tracer Maps at Surface and 500 hPa

ctm.bpch.v9-01-03r

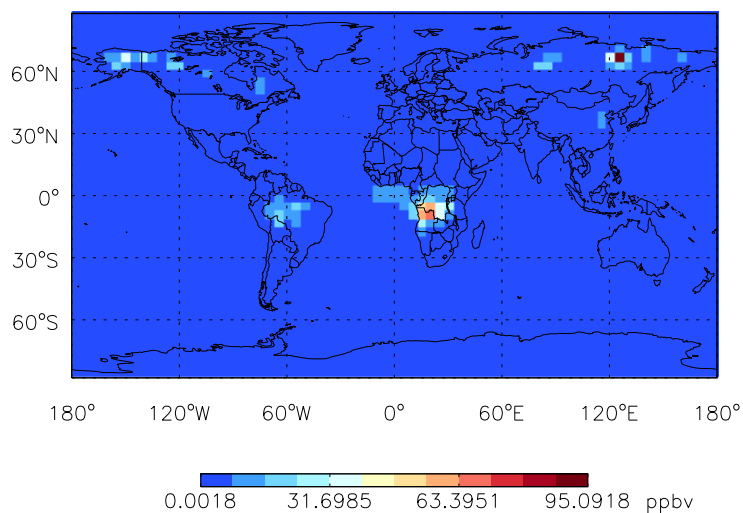
Tracer Map @ Surface – BCPI



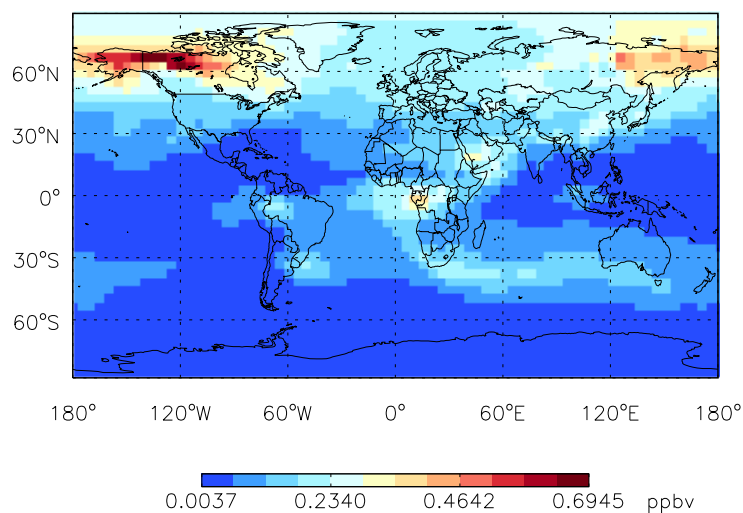
Tracer Map @ 500 hPa – BCPI



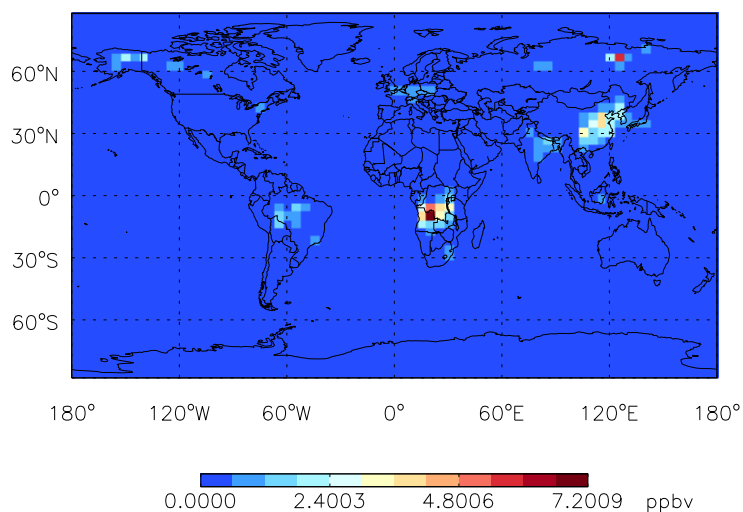
Tracer Map @ Surface – OCPI



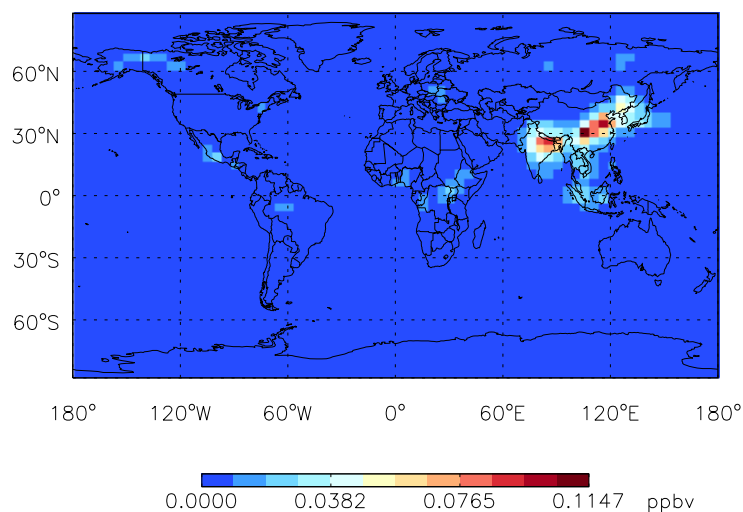
Tracer Map @ 500 hPa – OCPI



Tracer Map @ Surface – BCPO



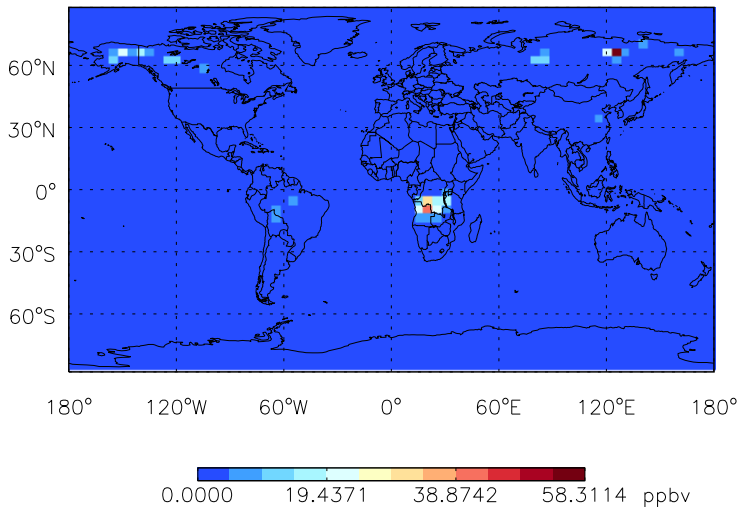
Tracer Map @ 500 hPa – BCPO



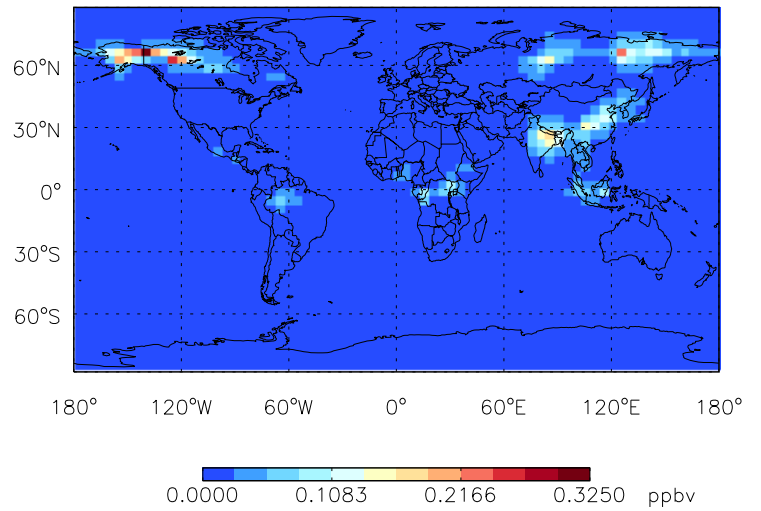
GEOS-Chem v9-01-03r Tracer Maps at Surface and 500 hPa

ctm.bpch.v9-01-03r

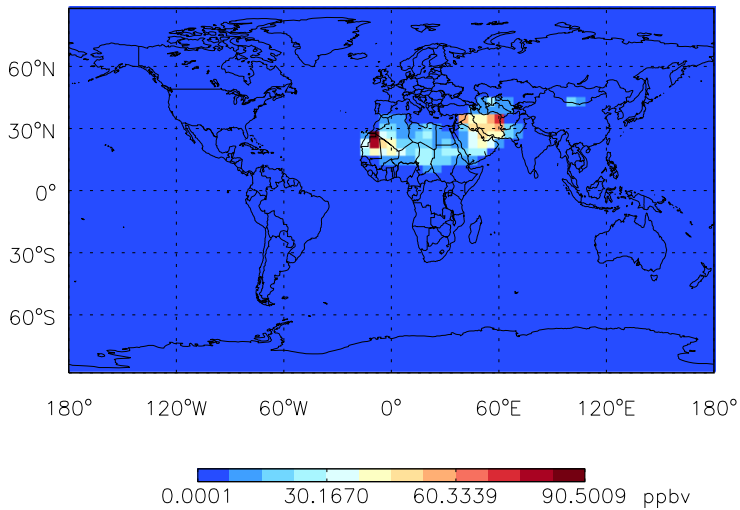
Tracer Map @ Surface – OCPO



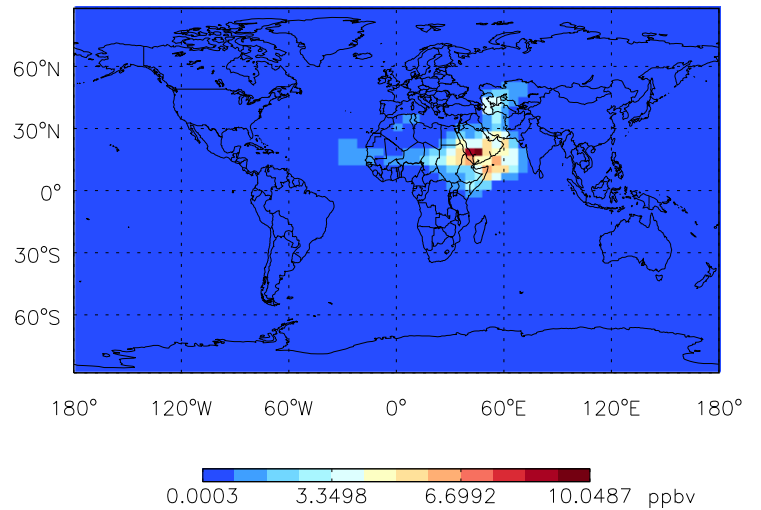
Tracer Map @ 500 hPa – OCPO



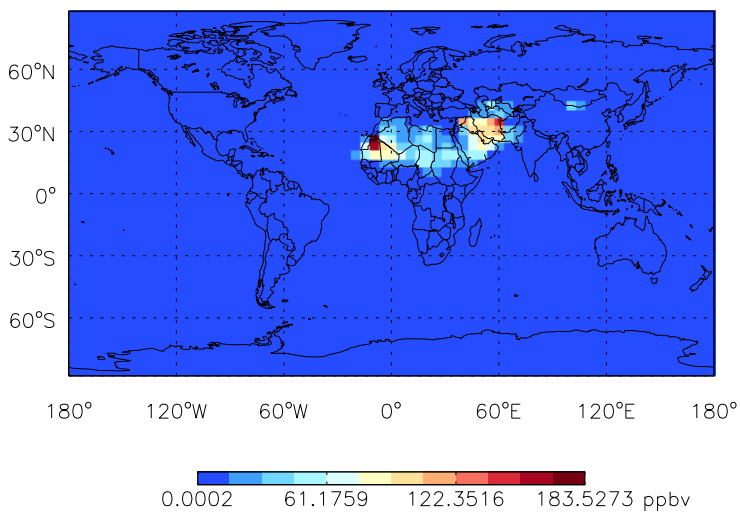
Tracer Map @ Surface – DST1



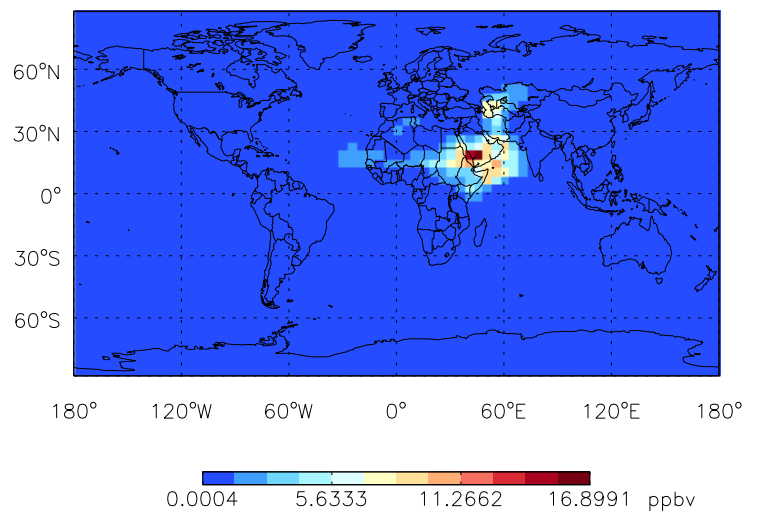
Tracer Map @ 500 hPa – DST1



Tracer Map @ Surface – DST2



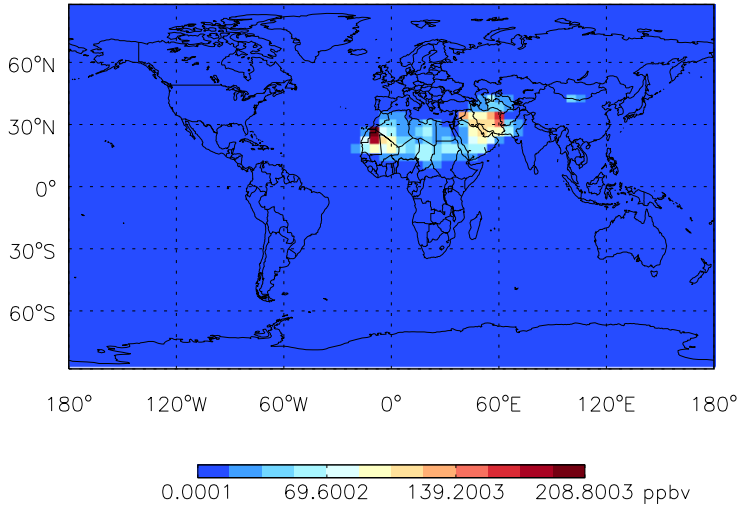
Tracer Map @ 500 hPa – DST2



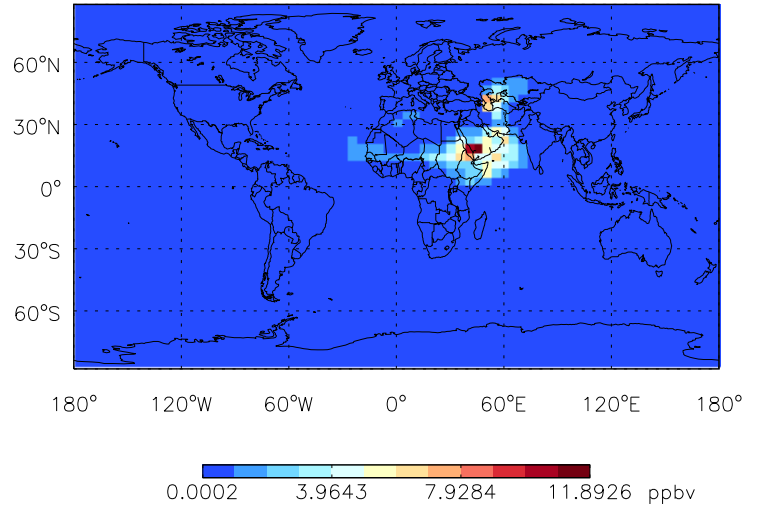
GEOS-Chem v9-01-03r Tracer Maps at Surface and 500 hPa

ctm.bpch.v9-01-03r

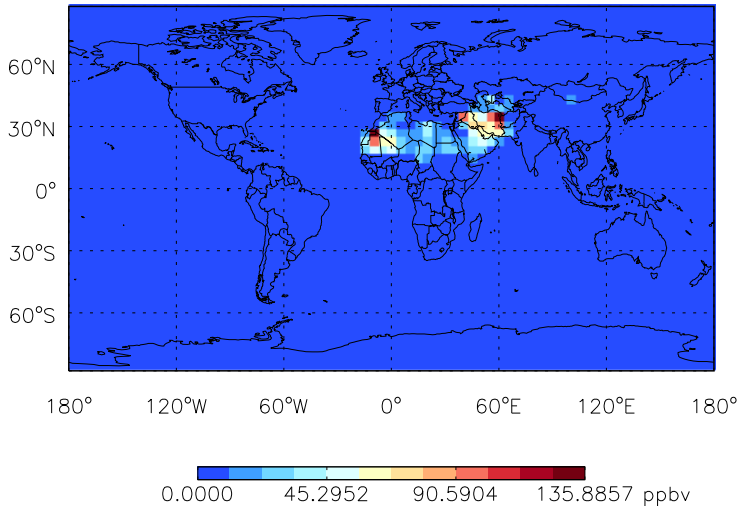
Tracer Map @ Surface – DST3



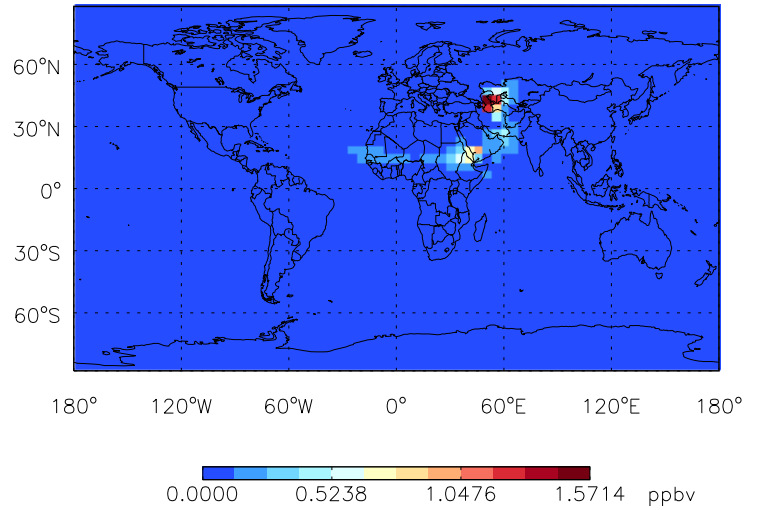
Tracer Map @ 500 hPa – DST3



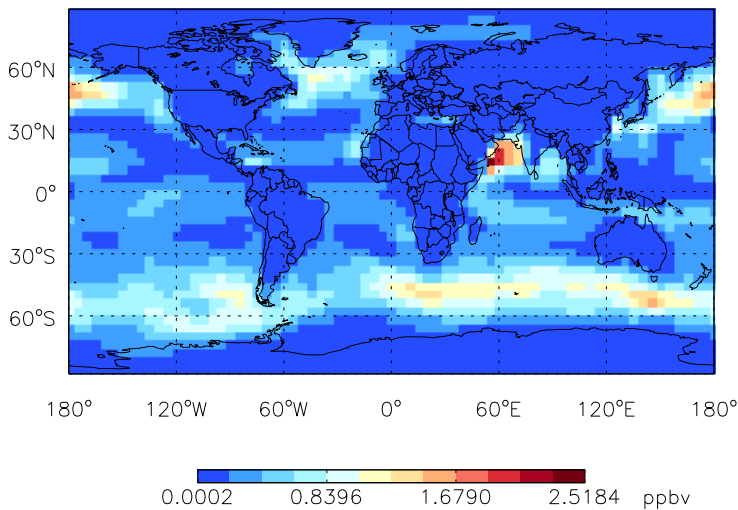
Tracer Map @ Surface – DST4



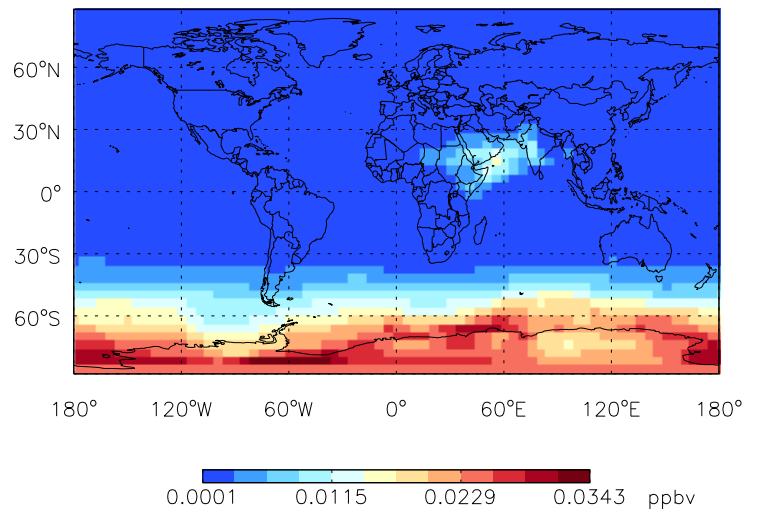
Tracer Map @ 500 hPa – DST4



Tracer Map @ Surface – SALA



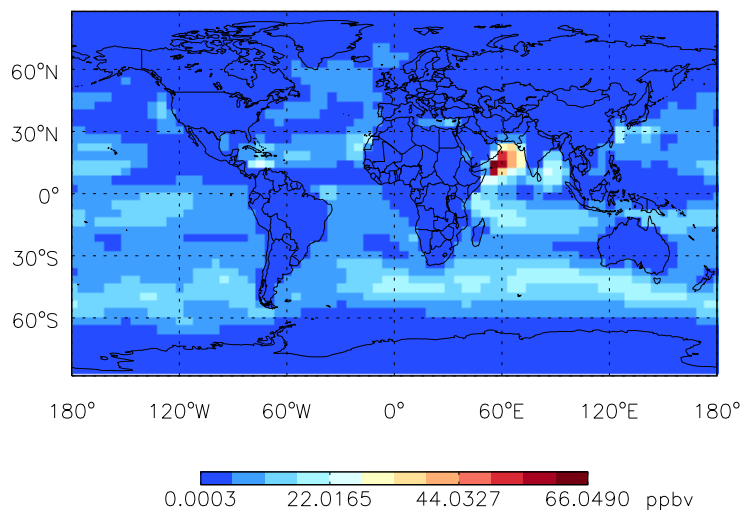
Tracer Map @ 500 hPa – SALA



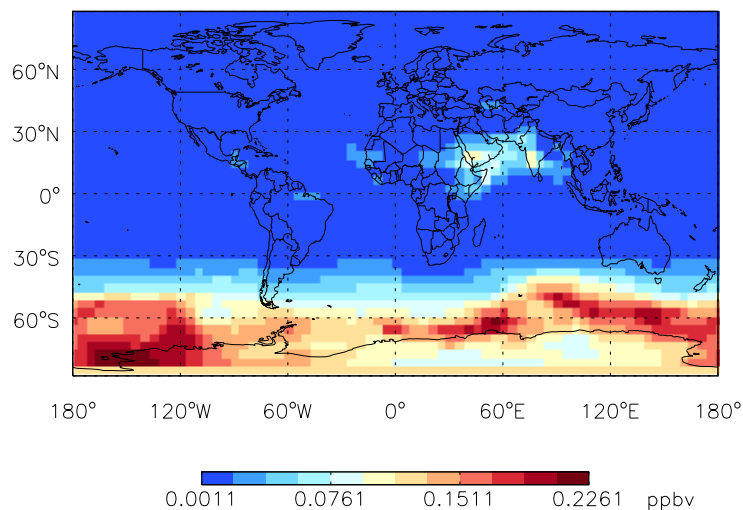
GEOS-Chem v9-01-03r Tracer Maps at Surface and 500 hPa

ctm.bpch.v9-01-03r

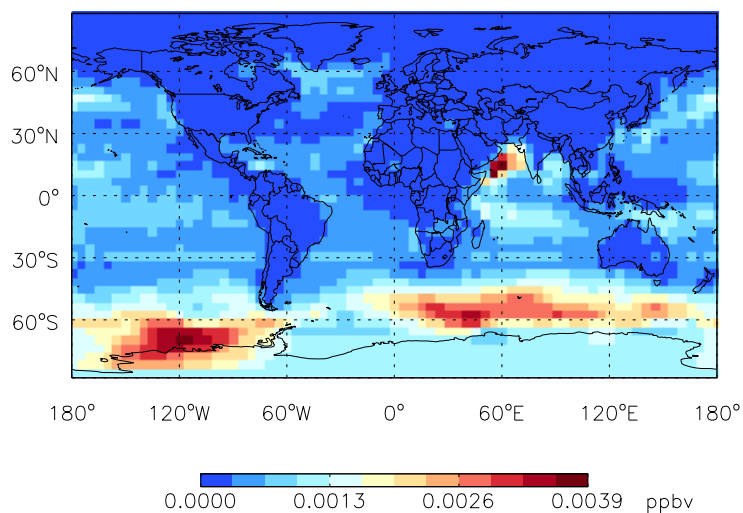
Tracer Map @ Surface – SALC



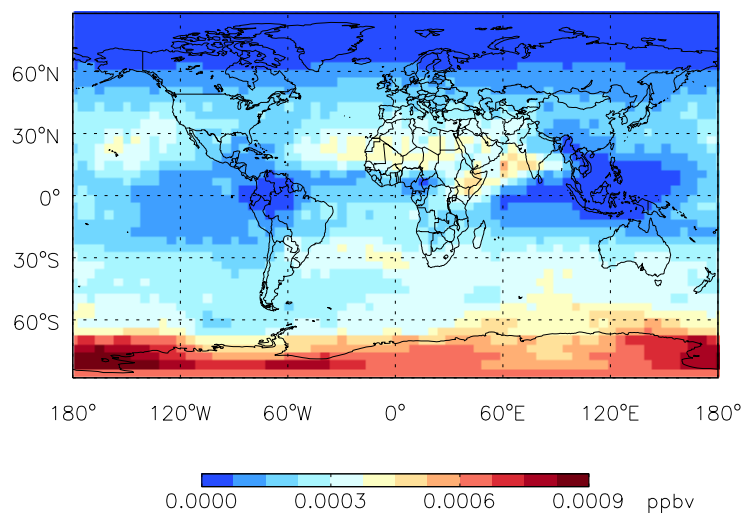
Tracer Map @ 500 hPa – SALC



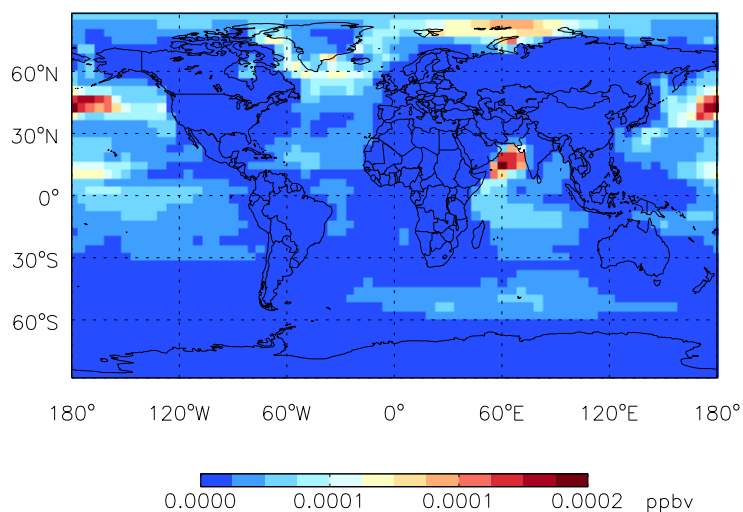
Tracer Map @ Surface – Br2



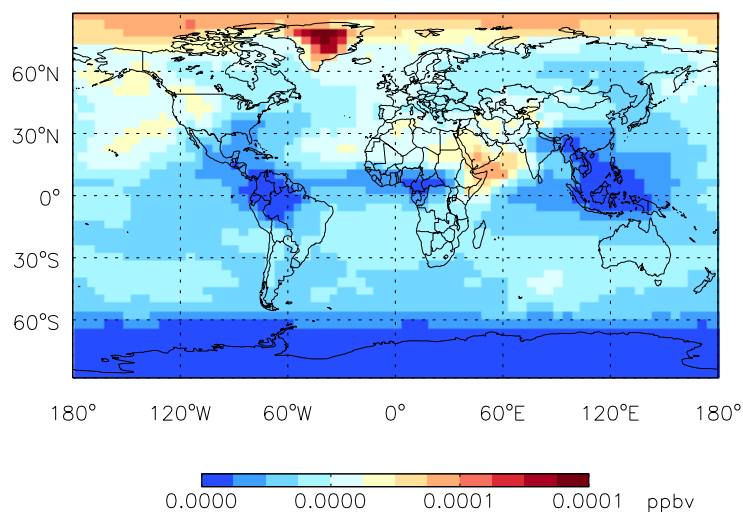
Tracer Map @ 500 hPa – Br2



Tracer Map @ Surface – Br



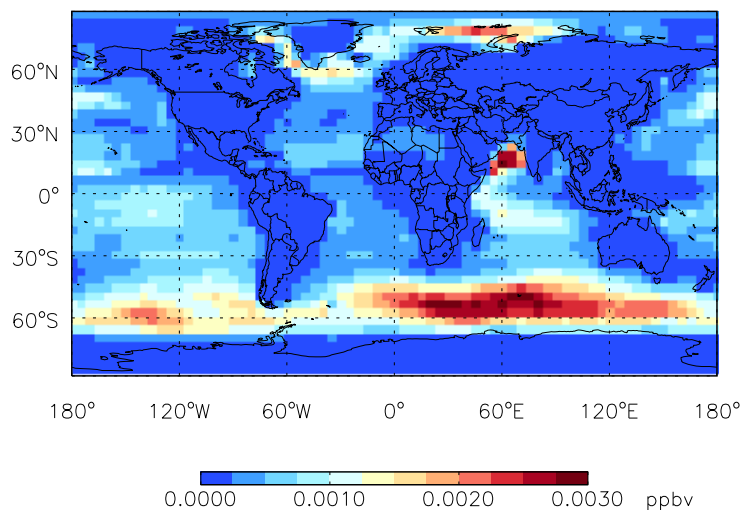
Tracer Map @ 500 hPa – Br



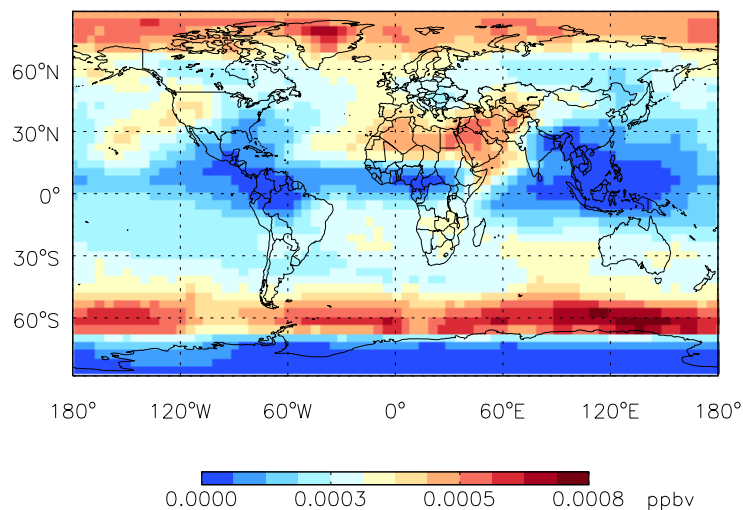
GEOS-Chem v9-01-03r Tracer Maps at Surface and 500 hPa

ctm.bpch.v9-01-03r

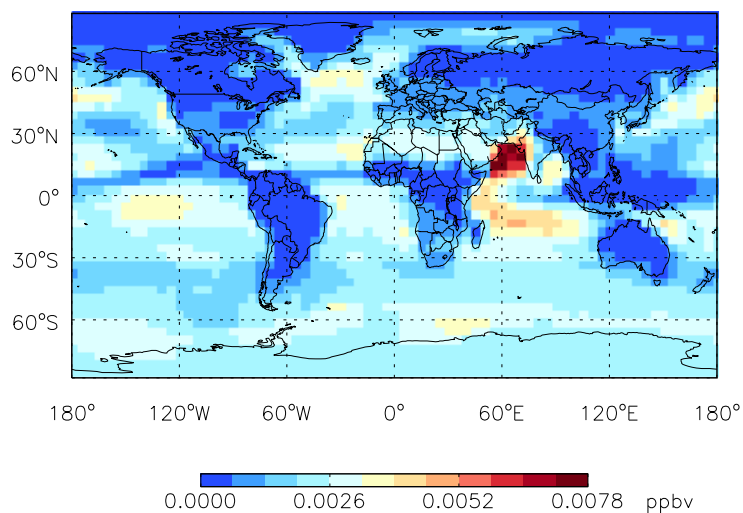
Tracer Map @ Surface – BrO



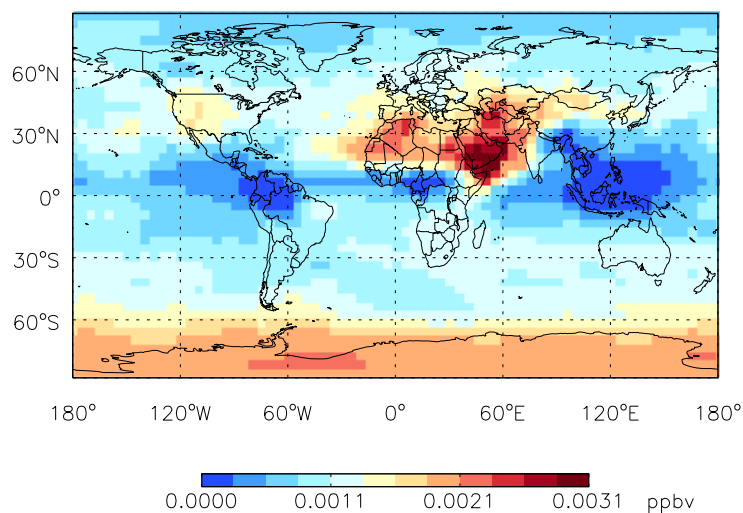
Tracer Map @ 500 hPa – BrO



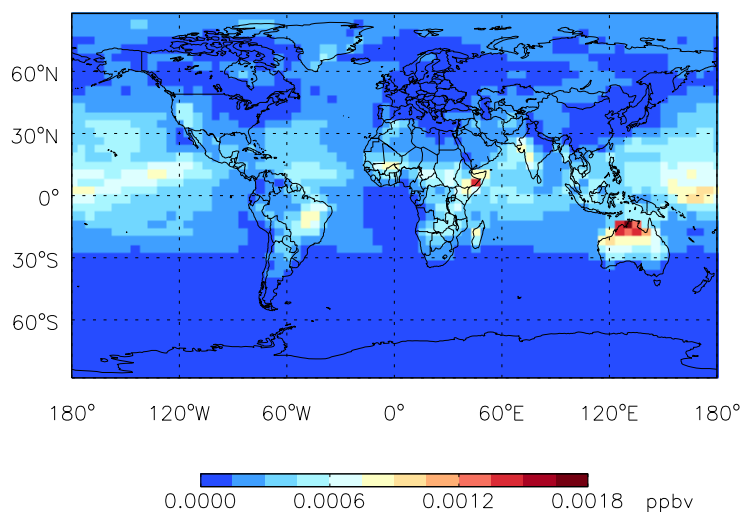
Tracer Map @ Surface – HOBr



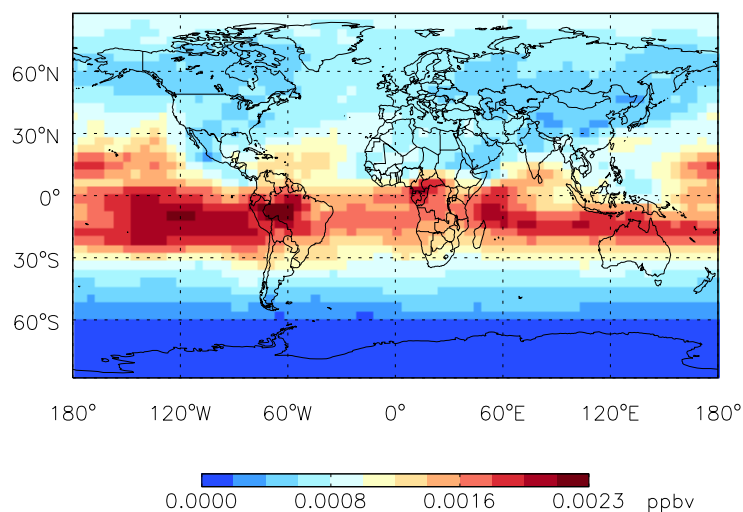
Tracer Map @ 500 hPa – HOBr



Tracer Map @ Surface – HBr



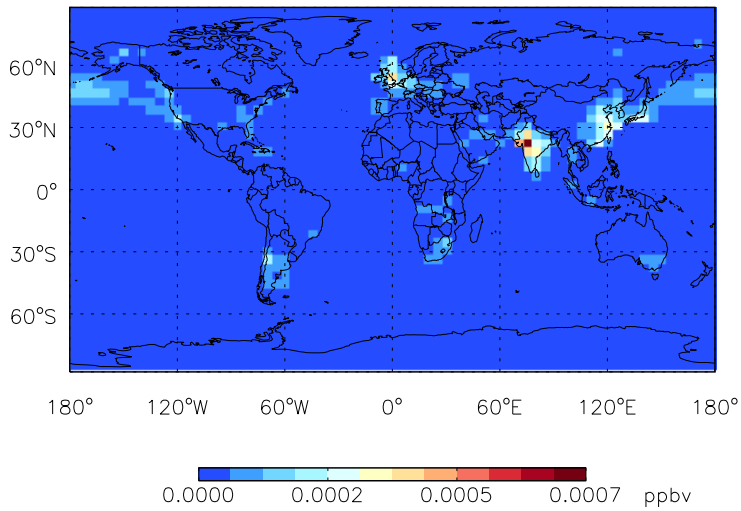
Tracer Map @ 500 hPa – HBr



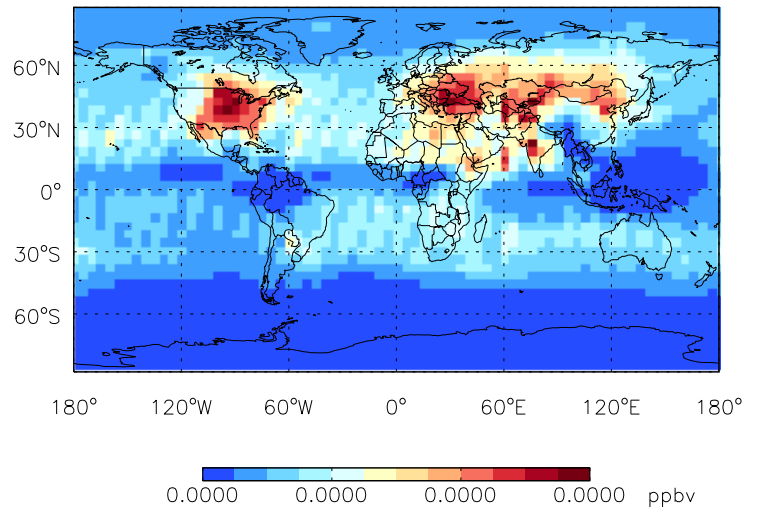
GEOS-Chem v9-01-03r Tracer Maps at Surface and 500 hPa

ctm.bpch.v9-01-03r

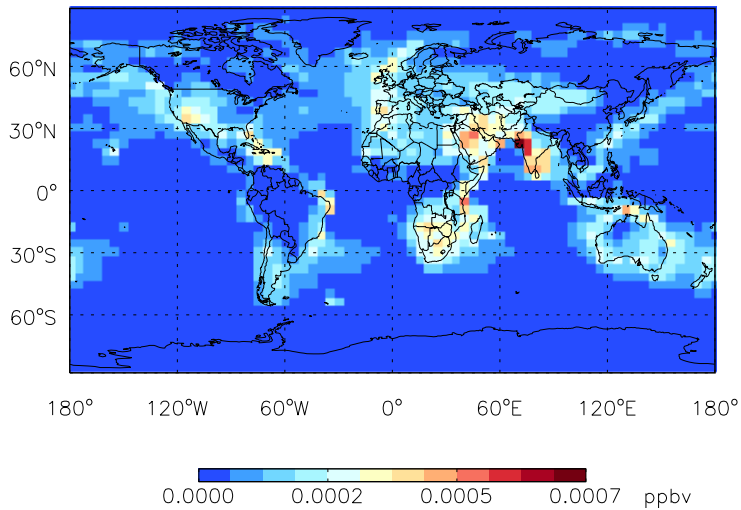
Tracer Map @ Surface – BrN02



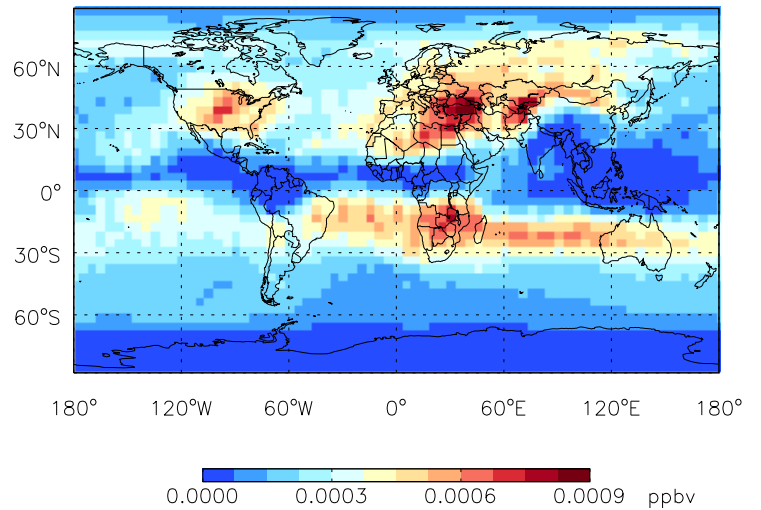
Tracer Map @ 500 hPa – BrN02



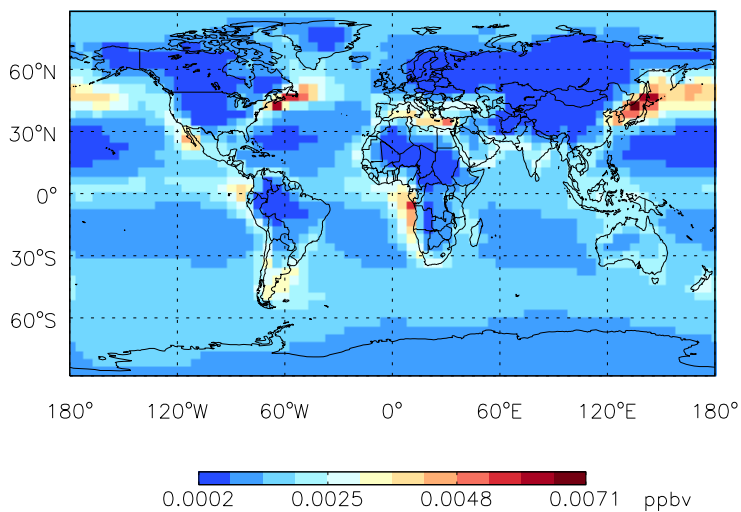
Tracer Map @ Surface – BrN03



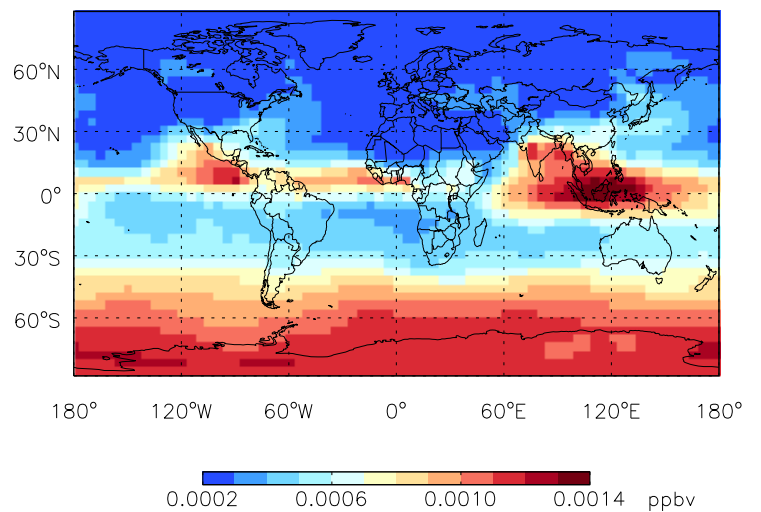
Tracer Map @ 500 hPa – BrN03



Tracer Map @ Surface – CHBr3



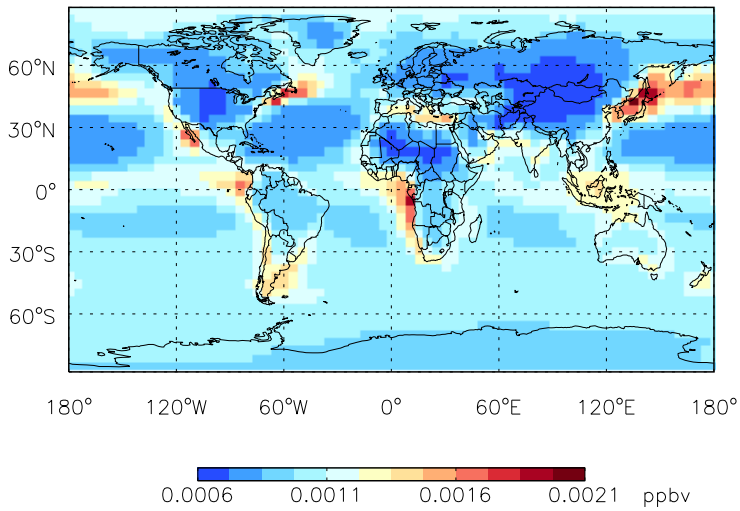
Tracer Map @ 500 hPa – CHBr3



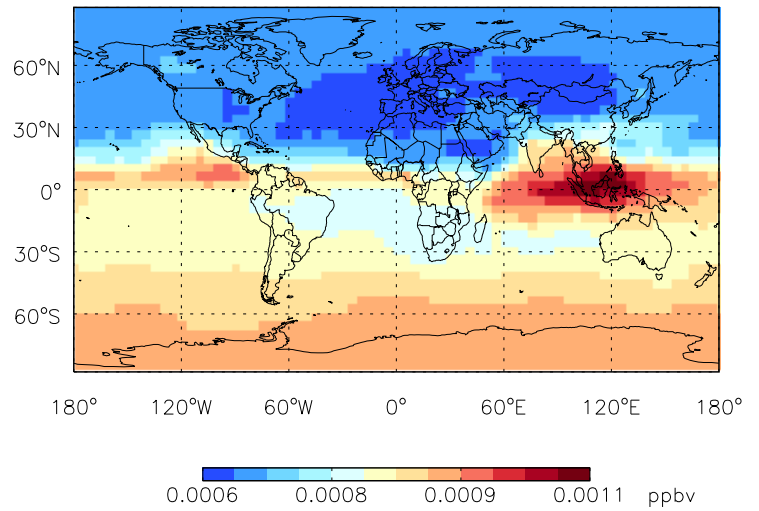
GEOS-Chem v9-01-03r Tracer Maps at Surface and 500 hPa

ctm.bpch.v9-01-03r

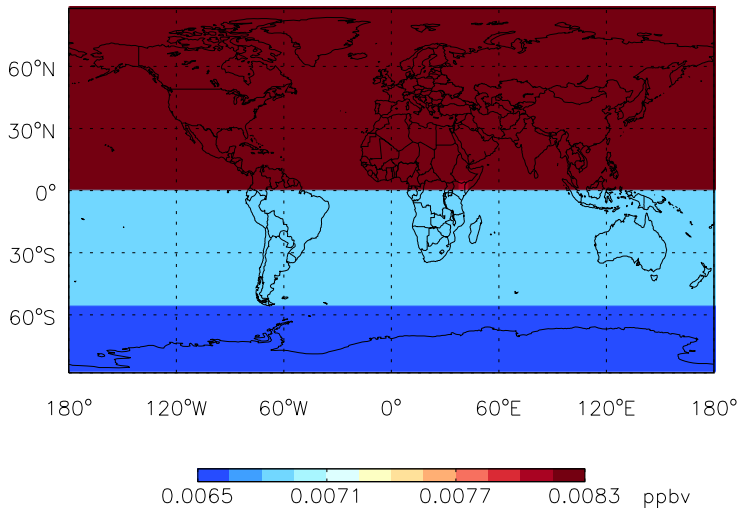
Tracer Map @ Surface – CH₂Br₂



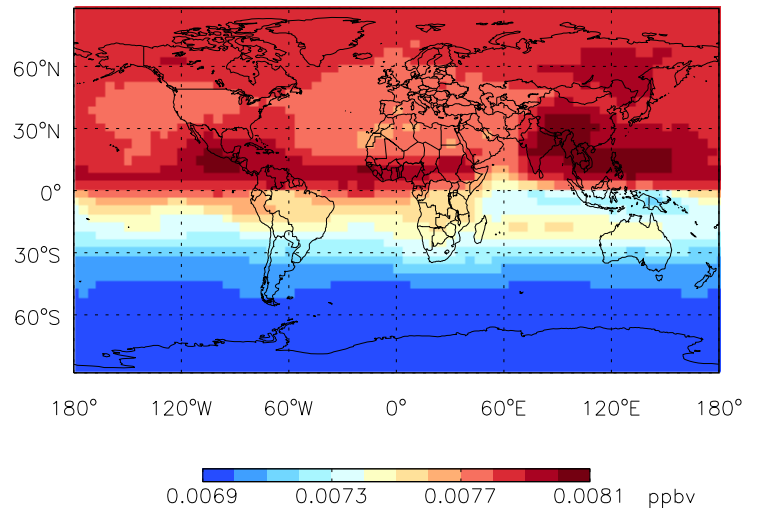
Tracer Map @ 500 hPa – CH₂Br₂



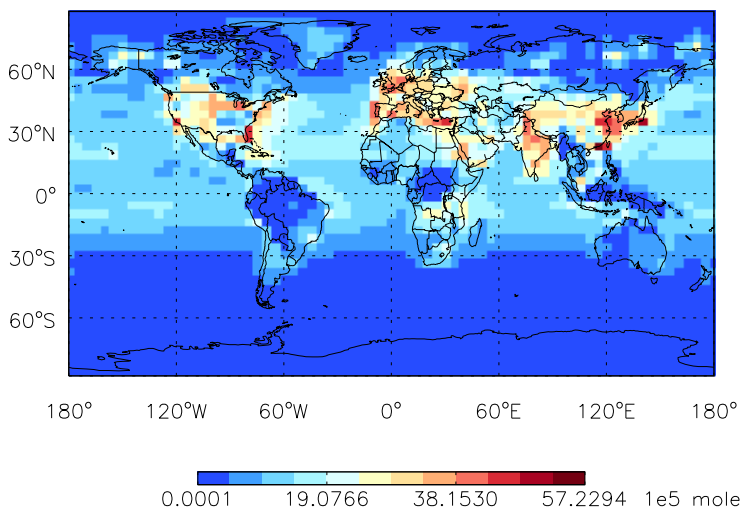
Tracer Map @ Surface – CH₃Br



Tracer Map @ 500 hPa – CH₃Br



Tracer Map @ Surface – OH



Tracer Map @ 500 hPa – OH

