C$_{5}F_{12}$ PFC-41-12 (n-C$_{5}F_{12}$): Lifetime: 4100yrs ; Radiative Efficiency : 0.41 W m$^{-2}$ ppb$^{-1}$

(a) Seasonality (% of global mean)

Zero Seasonality assumed

(b) Latitudinal gradient

Lat. deviation from global mean (ppt)

(c) Lat. gradient: EOF

EOF-scalar (unitless)

(d) Lat. gradient: EOF score

(e) Monthly surface mole fraction field (ppt)

(f) Global and hemispheric surface fractions 1950–2014

(g) Global and hemispheric surface fractions 1700–2014

(h) Global and hemispheric surface mole fractions 2005–2010

Meinshausen et al., GMD, 2017