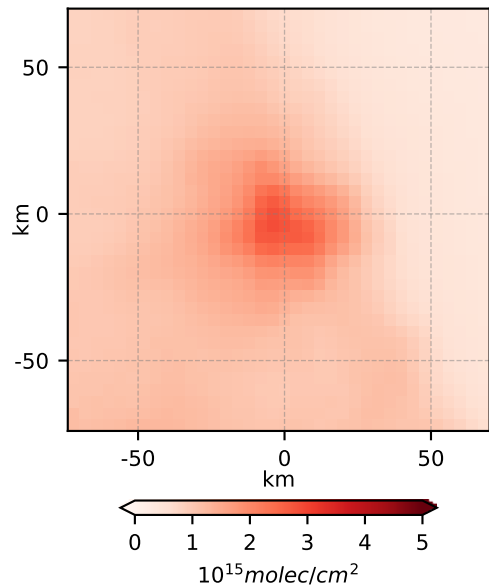
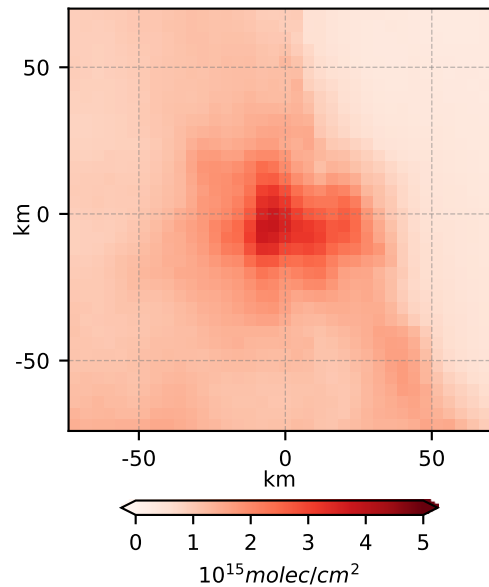
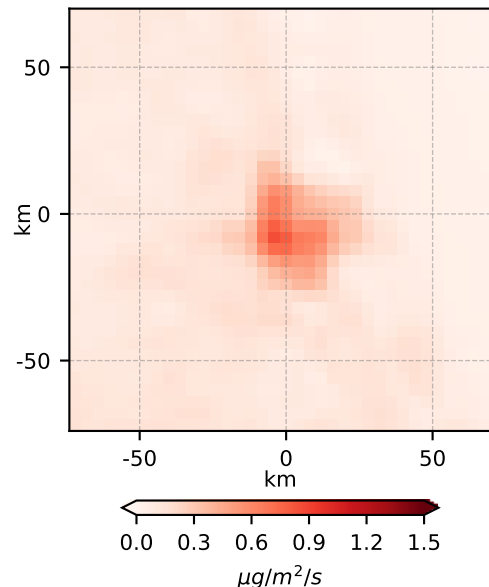


(a) NO<sub>2</sub> VCD(b) NO<sub>2</sub> VCD under calm wind(c) derived NO<sub>x</sub> emission  $E_{NU-WRF}$ (d) NU-WRF given NO<sub>x</sub> emission  $E'_{NU-WRF}$ 