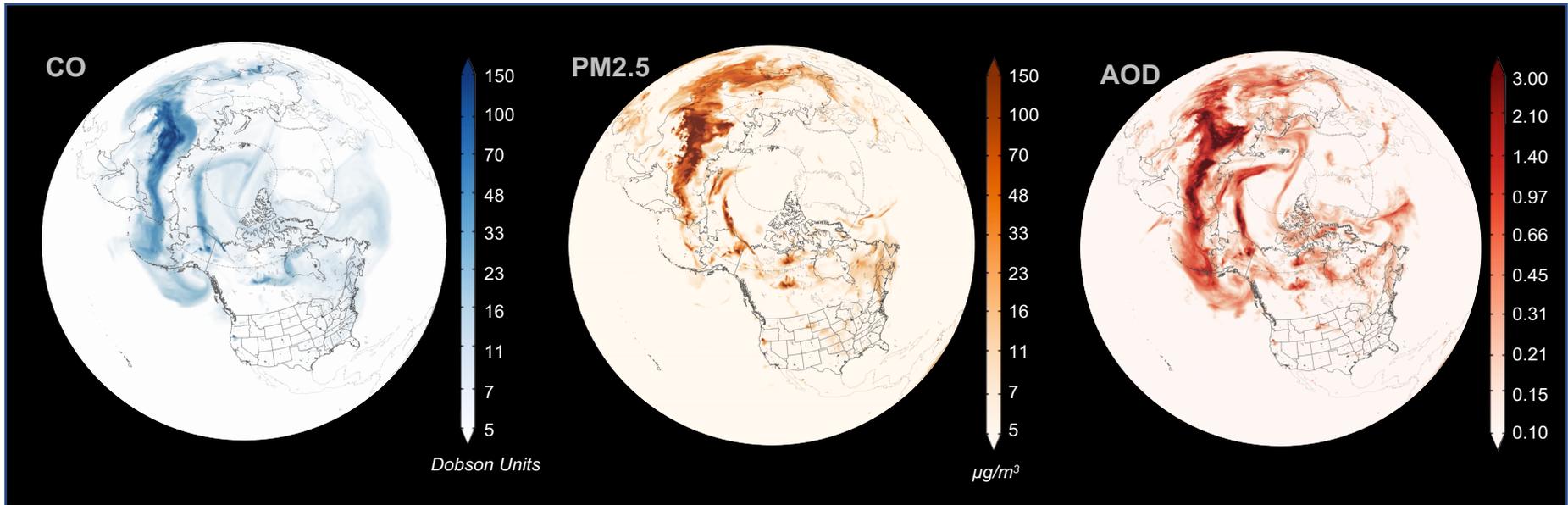


Impacts of 2019 Boreal Forest Fires on Atmospheric Pollution



Carbon monoxide (CO column, left), fine particulate matter at the surface (PM2.5, center) and aerosol optical depth (AOD at 550nm, right) from fires in North America and Eurasia. Plots are shown for July 28, 2019, using analyses from the NASA/GMAO near real-time atmospheric assimilation system GEOS-FP. Transport by the prevailing wind patterns carried smoke from the Siberian fires westward over Alaska and Canada, whereas smoke from the Alaskan fires was transported eastward and towards the North Pole.