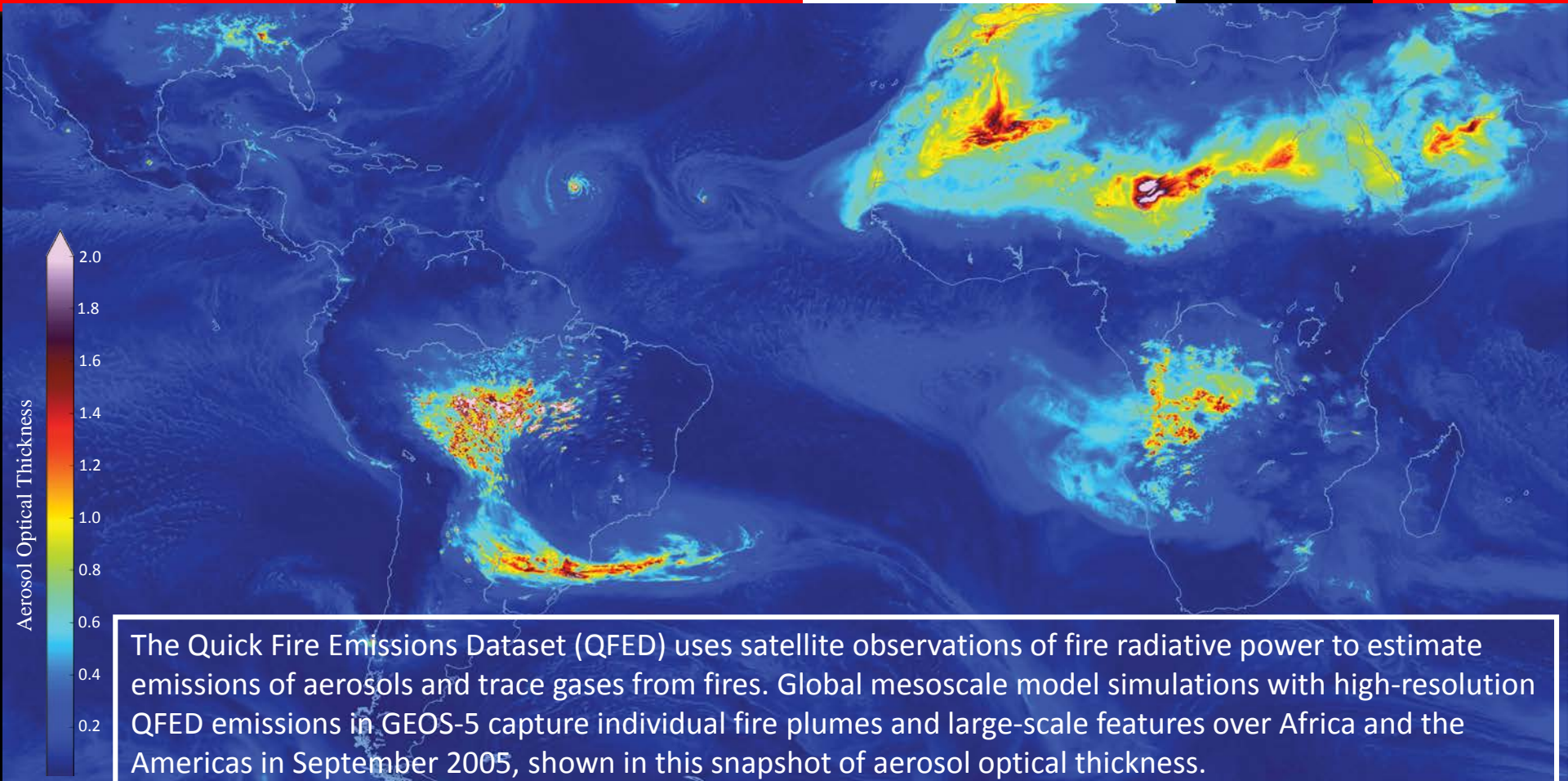




QFED - High Resolution Global Fire Emissions

Global Modeling and Assimilation Office



The Quick Fire Emissions Dataset (QFED) uses satellite observations of fire radiative power to estimate emissions of aerosols and trace gases from fires. Global mesoscale model simulations with high-resolution QFED emissions in GEOS-5 capture individual fire plumes and large-scale features over Africa and the Americas in September 2005, shown in this snapshot of aerosol optical thickness.