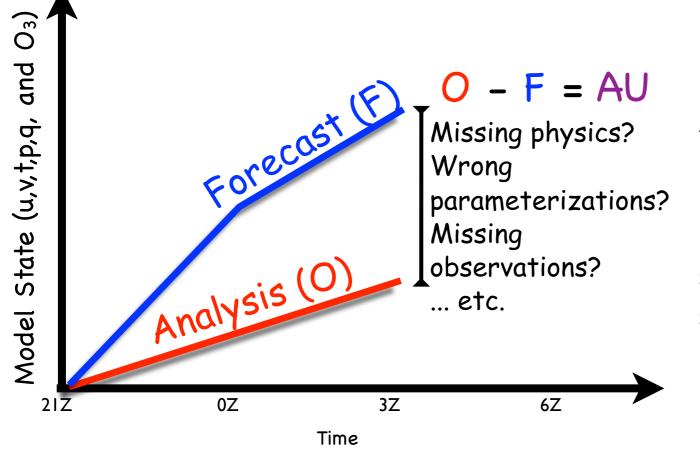
## The impact of southern African biomass burning aerosols on temperature tendencies



## and the NASA GEOS-5 Analysis Update (AU)

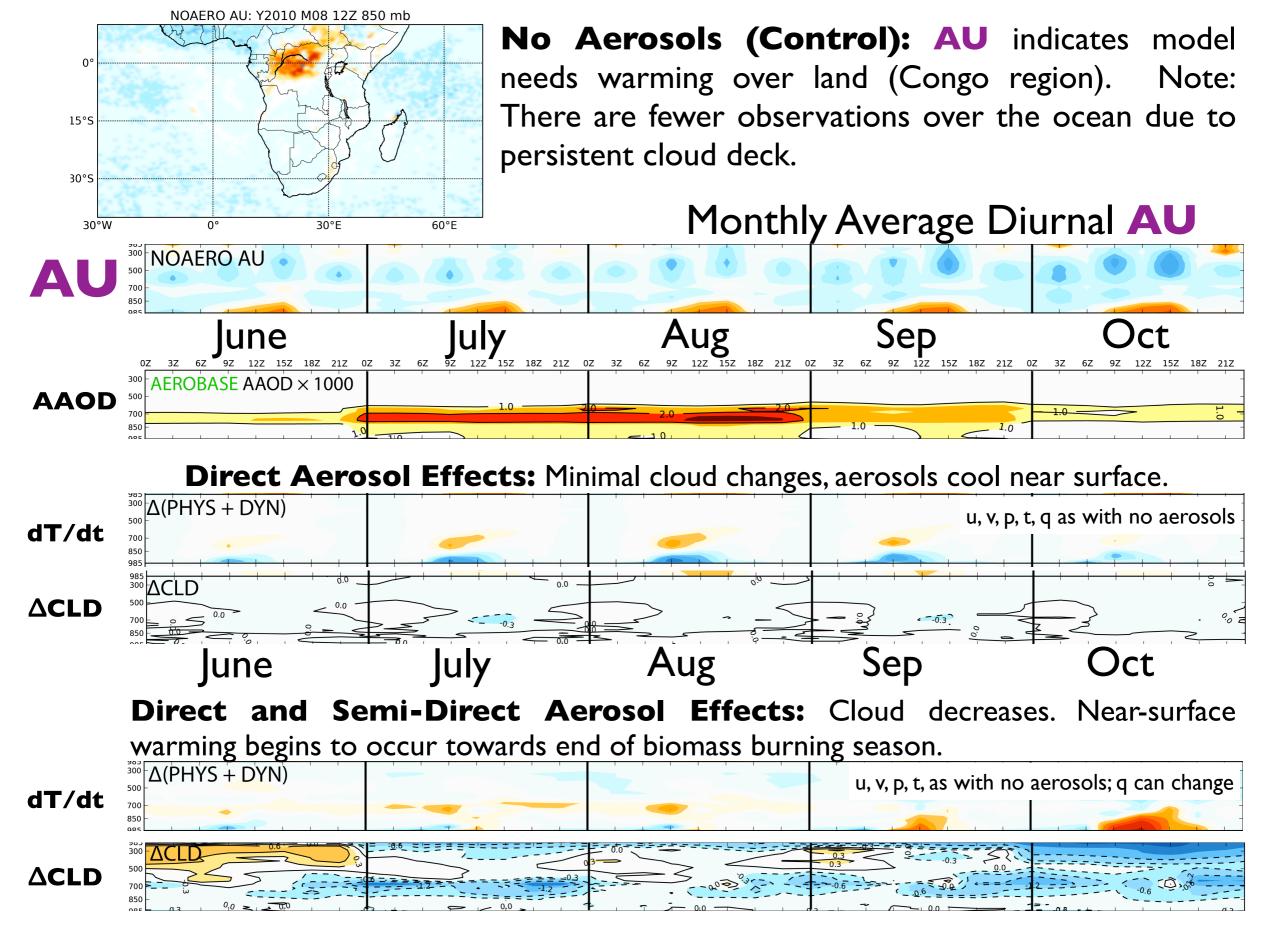
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Schematic representation of the Analysis Update (AU) from the GEOS-5 Data Assimilation System. AU is a complex representation of model "error" due to, for example, missing physics, incorrect parameterizations, etc. However, N.B. that absence of AU (agreement between analysis and forecast) may also be due to missing observations.

**Objective:** Investigate the impact of southern African biomass burning aerosols on temperature tendencies in the GEOS-5 model; use the GEOS-5 AU as a qualitative indicator of the efficacy of aerosol forcing in reducing model forecast "error."



Aerosols must interact with clouds to cause warming over Congo; but that's not the whole story! Stop by my poster for more excitement!