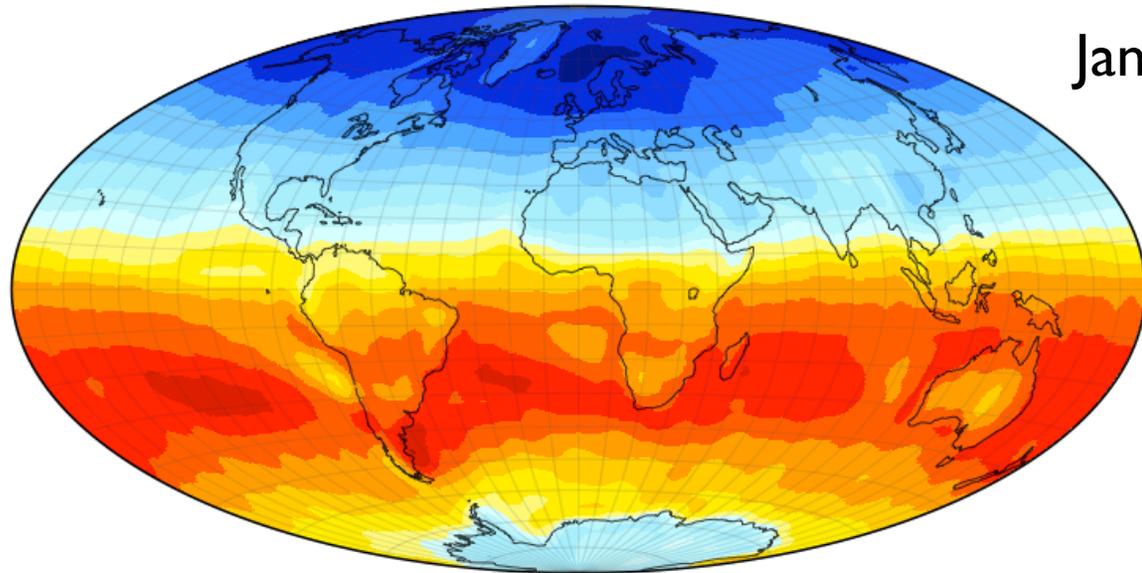
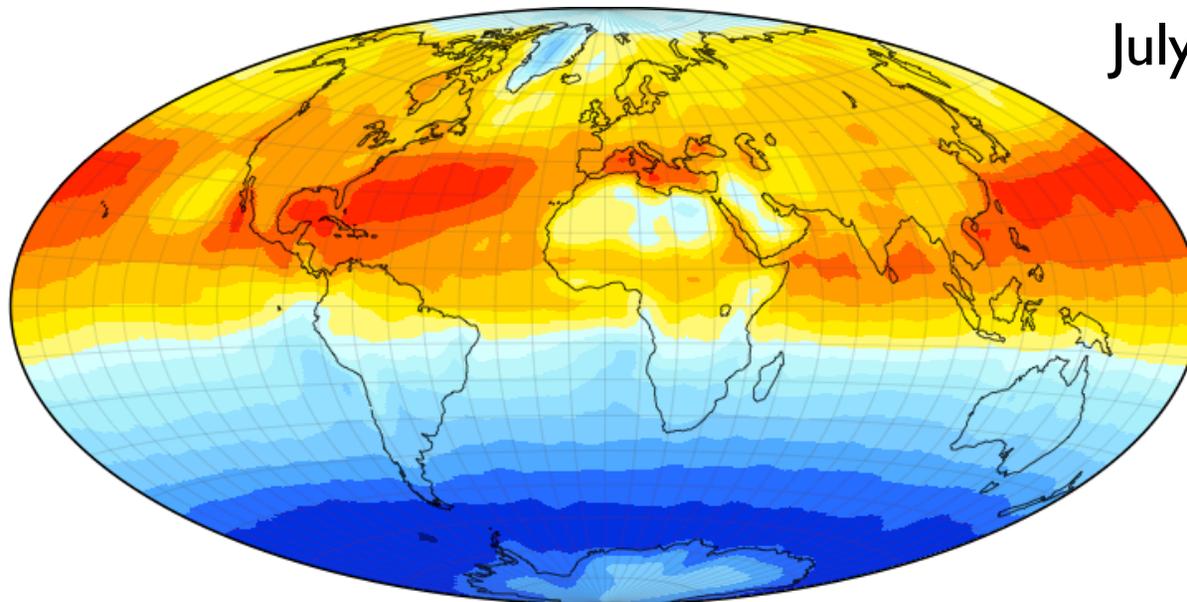


Net Radiation (W/m^2) at the top of the atmosphere (ERBE)



January

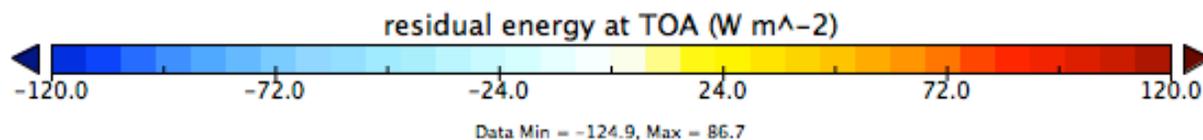
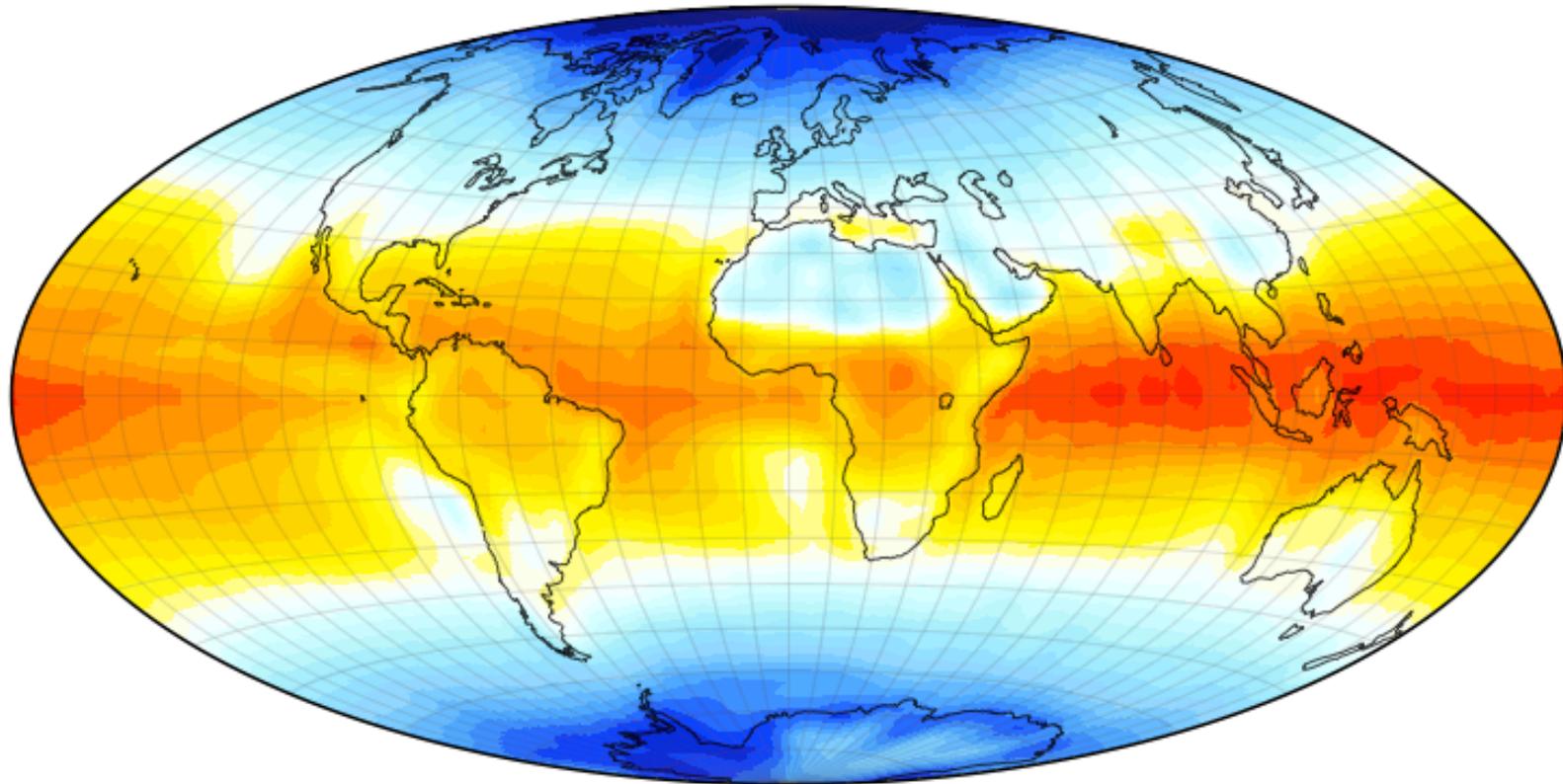


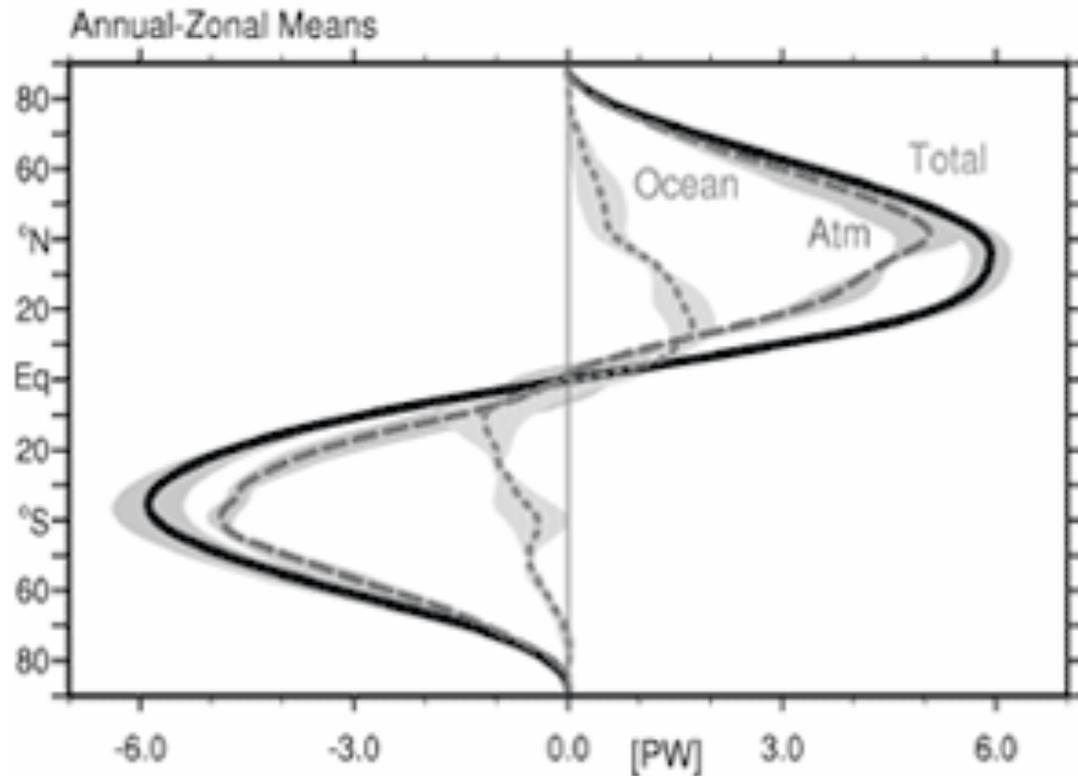
July



The Tropics get far more sun energy than they can get rid off locally.
Hence the excess is exported from Tropics to higher latitudes
where it is radiated out to space.
That drives the atmospheric and oceanic circulations (weather)

Annual net radiative flux at the top-of-atmosphere (TOA; ERBE)





Zonal mean meridional energy transport.

Note that outside Tropics, most of the transport is done by atmosphere.

In deep Tropics, transport is done mostly by the ocean.

Implied Ocean Heat Uptake (CERES & ERA40)

