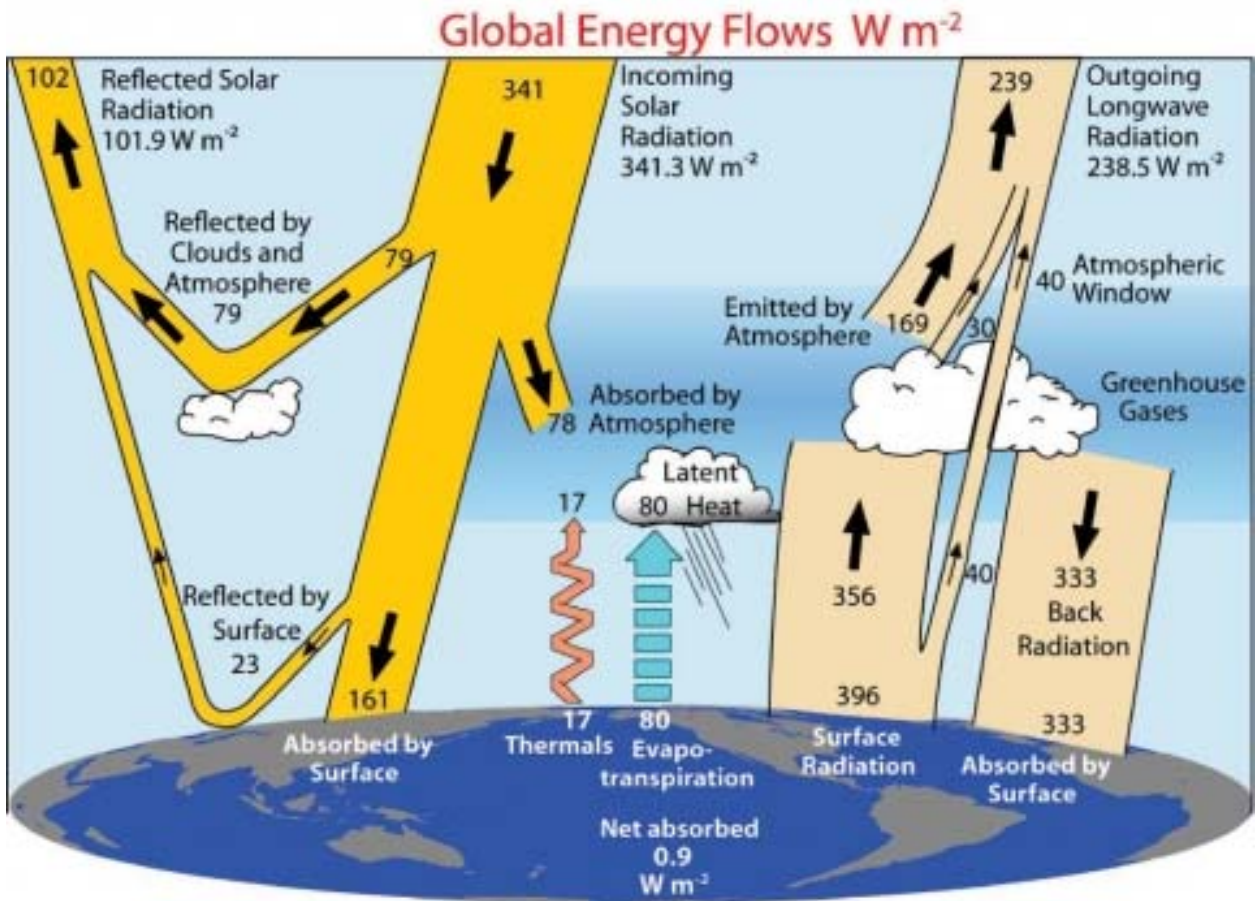
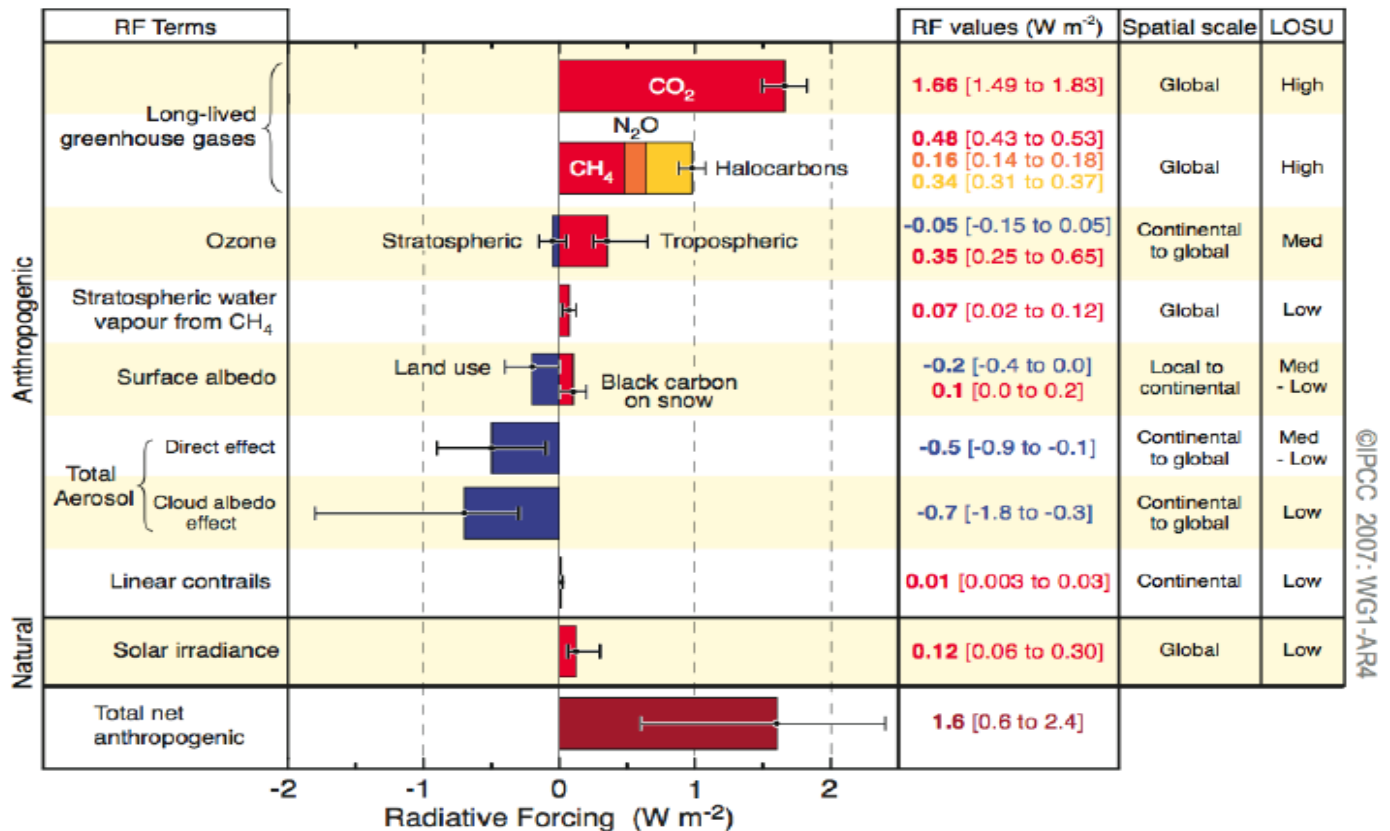


Kiehl, J. T. and Trenberth, K. E., (1997). "Earth's Annual Global Mean Energy Budget," *Bulletin of the American Meteorological Association* Vol. 78: 197-208.



Trenberth, K.E., Fasullo, J.T., and Kiehl, J. (2009). [Earth's Global Energy Budget](#), *Bulletin of the AMS*, Vol 90, pp 311-323.

# Radiative Forcing Components



## Sun Spots:

Solar Influences Data Analysis Center <http://sidc.oma.be/>

National Geophysical Data Center Sunspot Numbers <http://www.ngdc.noaa.gov/stp/SOLAR/SSN/ssn.html>

## Carbon Dioxide (Mauna Loa data record)

[http://www.esrl.noaa.gov/gmd/ccgg/trends/co2\\_data\\_mlo.html](http://www.esrl.noaa.gov/gmd/ccgg/trends/co2_data_mlo.html)

<http://www.esrl.noaa.gov/gmd/ccgg/trends/>

## El Niño – Southern Oscillation

<http://www.cpc.noaa.gov/products/precip/CWlink/MJO/enso.shtml>

## Arctic Sea Ice:

<http://nsidc.org/arcticseaicenews/>

## Ozone Hole:

[http://jwocky.gsfc.nasa.gov/eptoms/dataqual/ozone\\_v8.html](http://jwocky.gsfc.nasa.gov/eptoms/dataqual/ozone_v8.html)