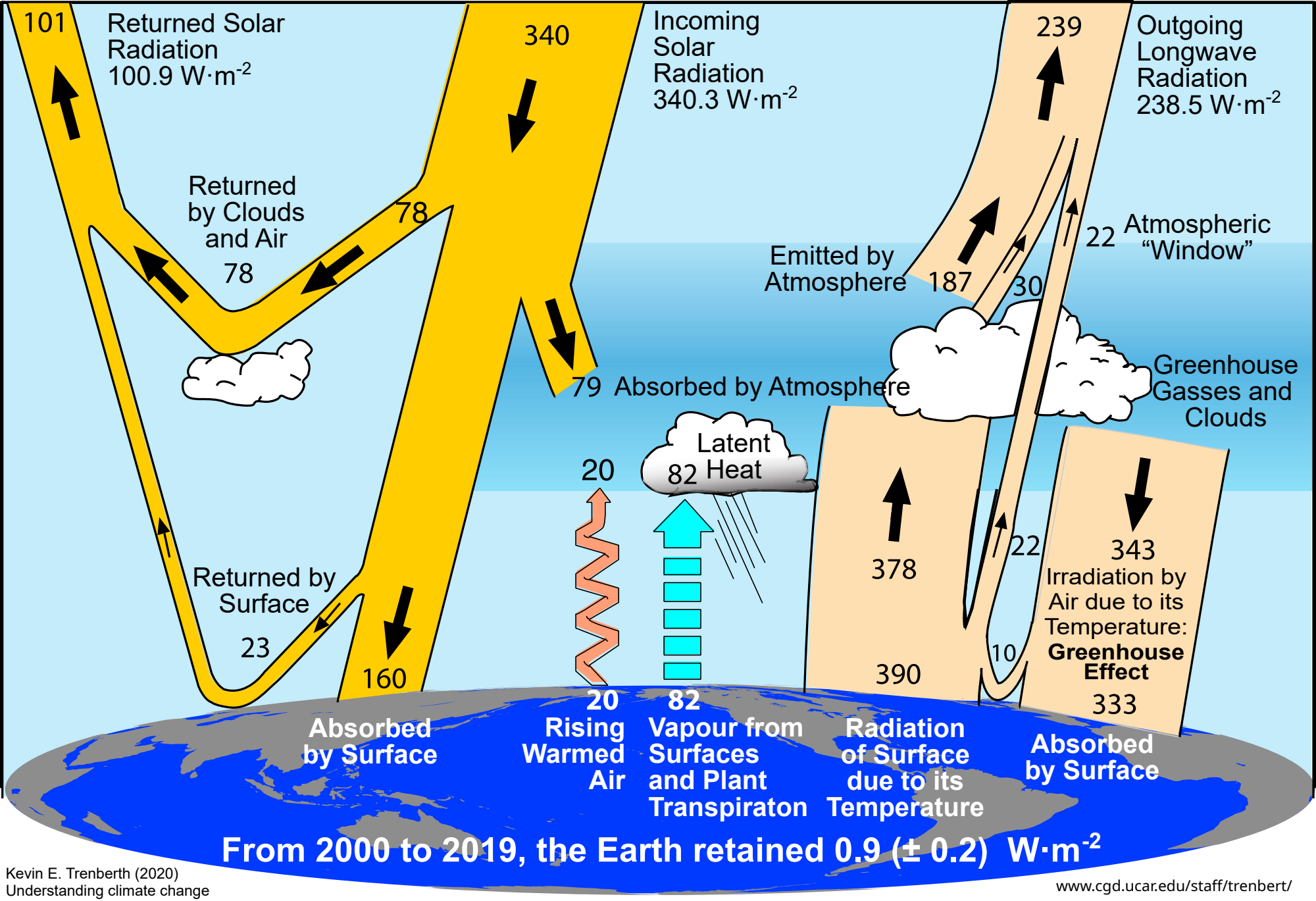



Kevin E. Trenberth (2020)
Understanding climate change through Earth's energy flows

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## Global energy flows 2000 to 2019

From the temperaure-caused irradiation by atmospere - the *Greenhouse effect* (343 W·m$^{-2}$) the *surface got twice more heat* (333 W·m$^{-2}$) *than from the Sun* (160 W·m$^{-2}$).

The imbalance "gained heat - lost heat", **EEI**, **rises**, from that old average of 0.9 W·m$^{-2}$ it climbed to 1.3 W·m$^{-2}$ by 2025.