Annual Average Heat Budgets for Latitude Zones (Surface and Atmosphere Combined)

High Latitudes

Net transport of heat from middle latitudes by winds (in midlatitude cyclones straddling middle & high latitudes)**

Middle Latitudes

Net transport Rate of Rate of Rate of Rate of of heat from $0 \approx \text{change of}$ ∝ change absorption emission low latitudes of solar of LWIR of heat by ocean currents temperature radiation radiation (gyres straddling low content & middle latitudes)* Net transport of heat to high latitudes by winds (in midlatitude cyclones straddling middle & high latitudes)**

Low Latitudes

Net transport Rate of Rate of Rate of Rate of of heat to $0 \approx \text{change of}$ ∝ change absorption middle latitudes emission of heat of solar of LWIR by ocean currents temperature (gyres straddling low radiation radiation content & middle latitudes)*