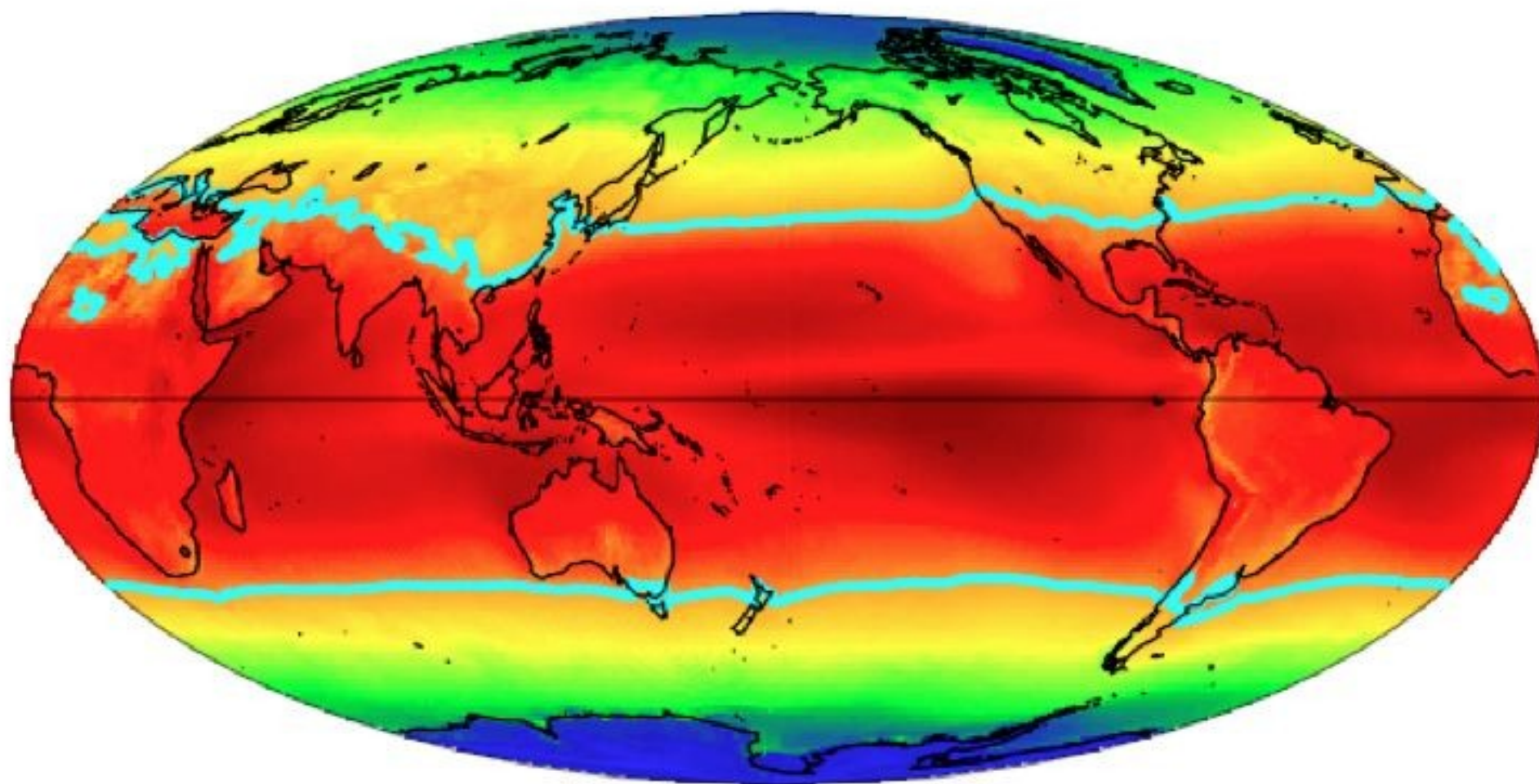


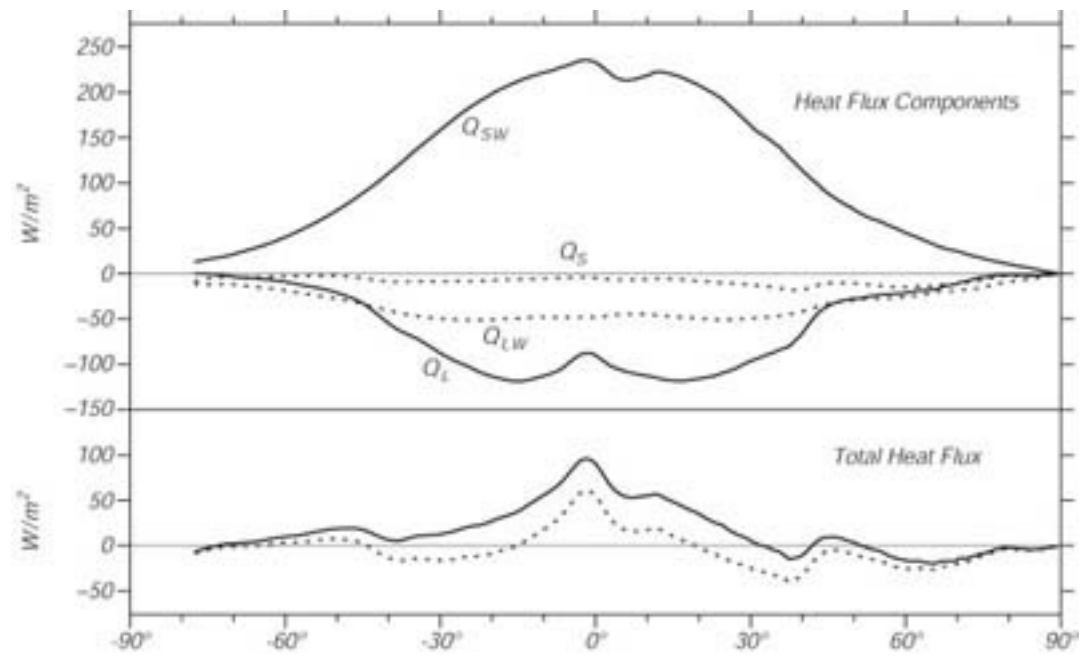
Net Solar Radiation (Downwelling - Reflected)

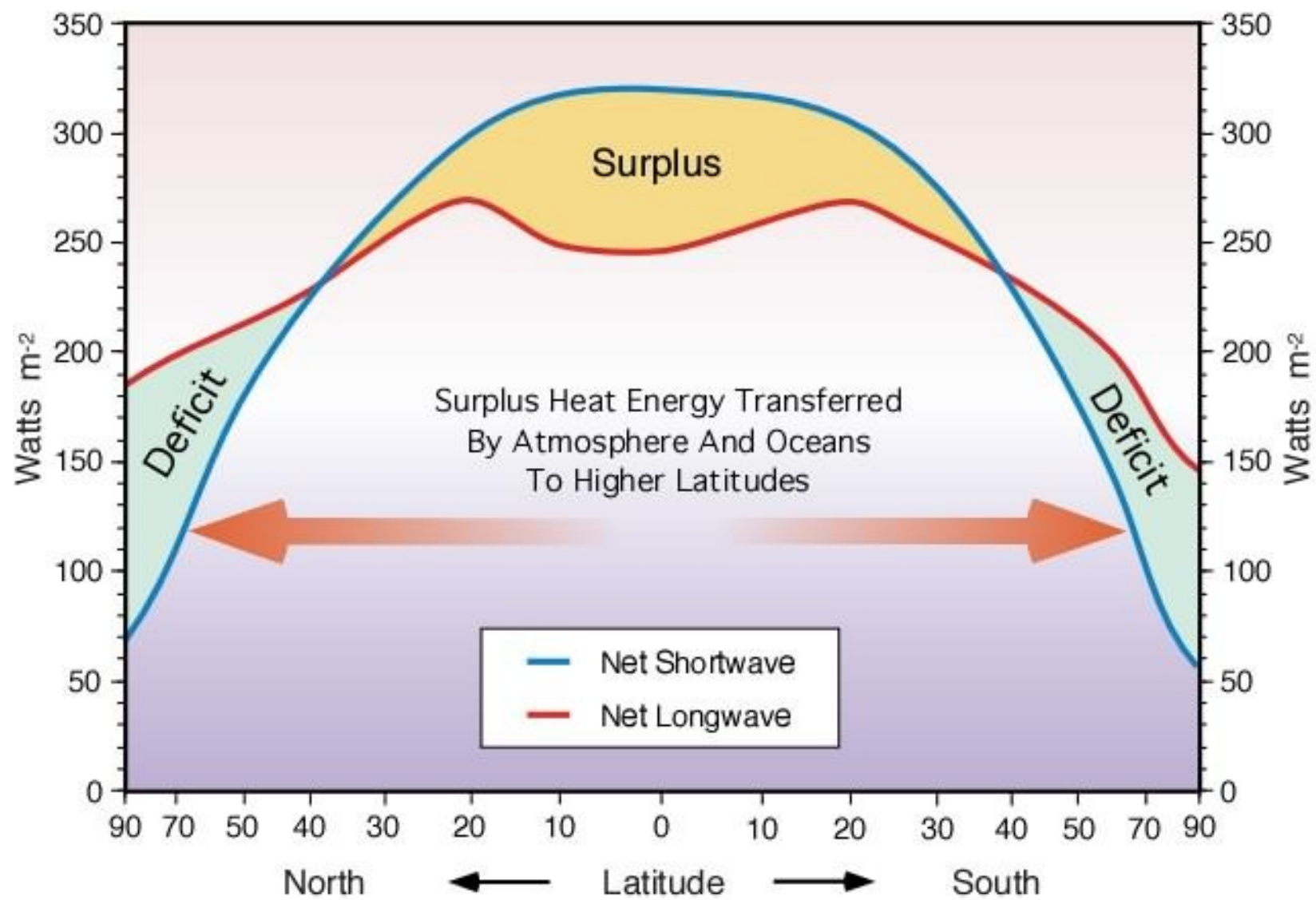
Averages Global: 240.6 NH: 240.5 SH: 240.7 Land: 211.4 Ocean: 251.9 W/m²

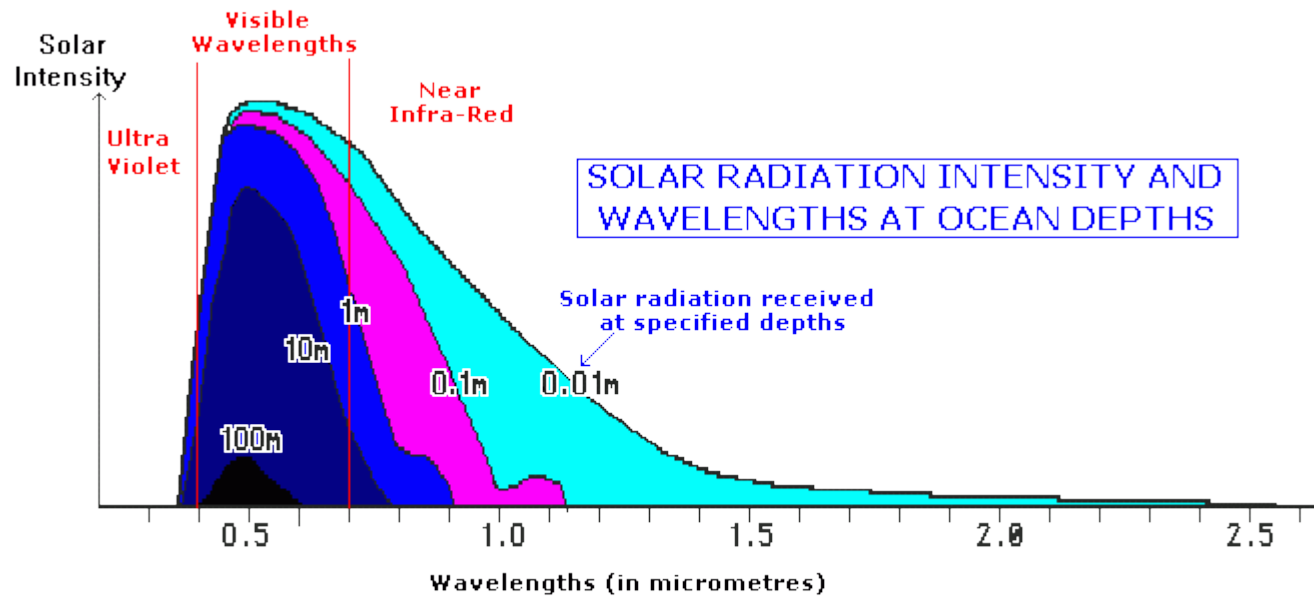
Light blue lines indicate where the value = global average



48 W/m² 111 W/m² 175 W/m² 238 W/m² 302 W/m² 365 W/m²







The solar radiation 'envelope' penetrates the ocean to 100 metres at visible wavelengths but to much shallower depths as wavelength increases. Back radiation in the far infra-red from the Greenhouse Effect occurs at wavelengths centred around 10 micrometres, well off the scale of this chart, and cannot penetrate the ocean beyond the surface 'skin'.