$4(3.1415)(6378\ km^2)\left(\frac{1000^2 m^2}{km^2}\right)(0.70) = 5.61\ X10^{10}\ m^2$ of water on the surface

Volume of water that would be evaporated in 1 yr if it was the sole absorber =

Area* depth = 5.61 X 10^{10} m^2 * 10 m = 5.61 X 10^{11} m^3.

Mass of water = 5.61 X10^{11} m^3 * 1000 kg/ m^3 = 5.61 X10^{14} kg

Moles of water 5.61 X10^{14} kg /(0.018 kg/mole) = 3.116878792 X 10^{16} moles

Joules absorbed by earth in 1 year = 3.116878792 X 10^{16} moles * 41 kJ/mole = 1.22 X 10^{18} kJ = 1 X 10^{21} J

Check: solar radiation reaching upper atmosphere: 1360 W/m^2

Of the 1360 W/m^2 =$1360\ \frac{J}{sm^2}$ that reaches the earth's upper atmosphere, only 70% penetrates.

$4(3.1415)(6378\ km^2)\left(\frac{1000^2 m^2}{km^2}\right)(0.70)\left(1360\ \frac{J}{sm^2}\right)\left(\frac{3600\text{s}}{\text{h}}\right)\left(\frac{24\text{h}}{\text{d}}\right)\left(\frac{365.25\text{d}}{\text{y}}\right)$= 2 X 10^{21} J/y