



$$LE = LE_i + LE_c + LE_s$$

$$LE_i = f_{wet} \alpha \frac{\Delta}{\Delta + \gamma} R_n$$

$$LE_c = (1 - f_{wet}) f_g f_r f_M \alpha \frac{\Delta}{\Delta + \gamma} R_{nc}$$

$$LE_s = (f_{wet} + f_{SM}(1 - f_{wet})) \alpha \frac{\Delta}{\Delta + \gamma} (R_{ns} - G)$$

$$f_{wet} = RH^4$$

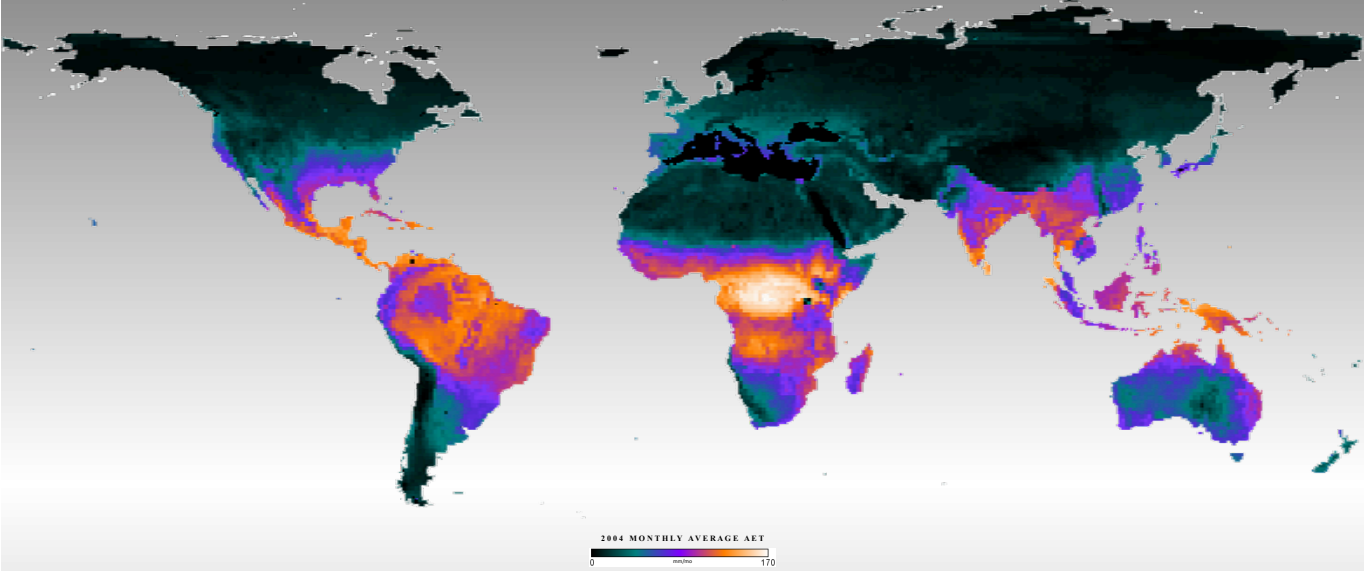
$$f_g = \frac{f_{APAR}}{f_{IPAR}}$$

$$f_r = \exp\left(-\left(\frac{T_{max} - T_{opt}}{\lambda}\right)^2\right)$$

$$f_M = \frac{f_{APAR}}{f_{APARmax}}$$

$$f_{SM} = RH^{VPD}$$

DRIVER	SOURCE
R_n	SRB
T_a	AIRS
e_a [RH, VPD]	AIRS
Vegetation fraction	MODIS



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GLOBAL EVAPOTRANSPIRATION FROM REMOTE SENSING

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