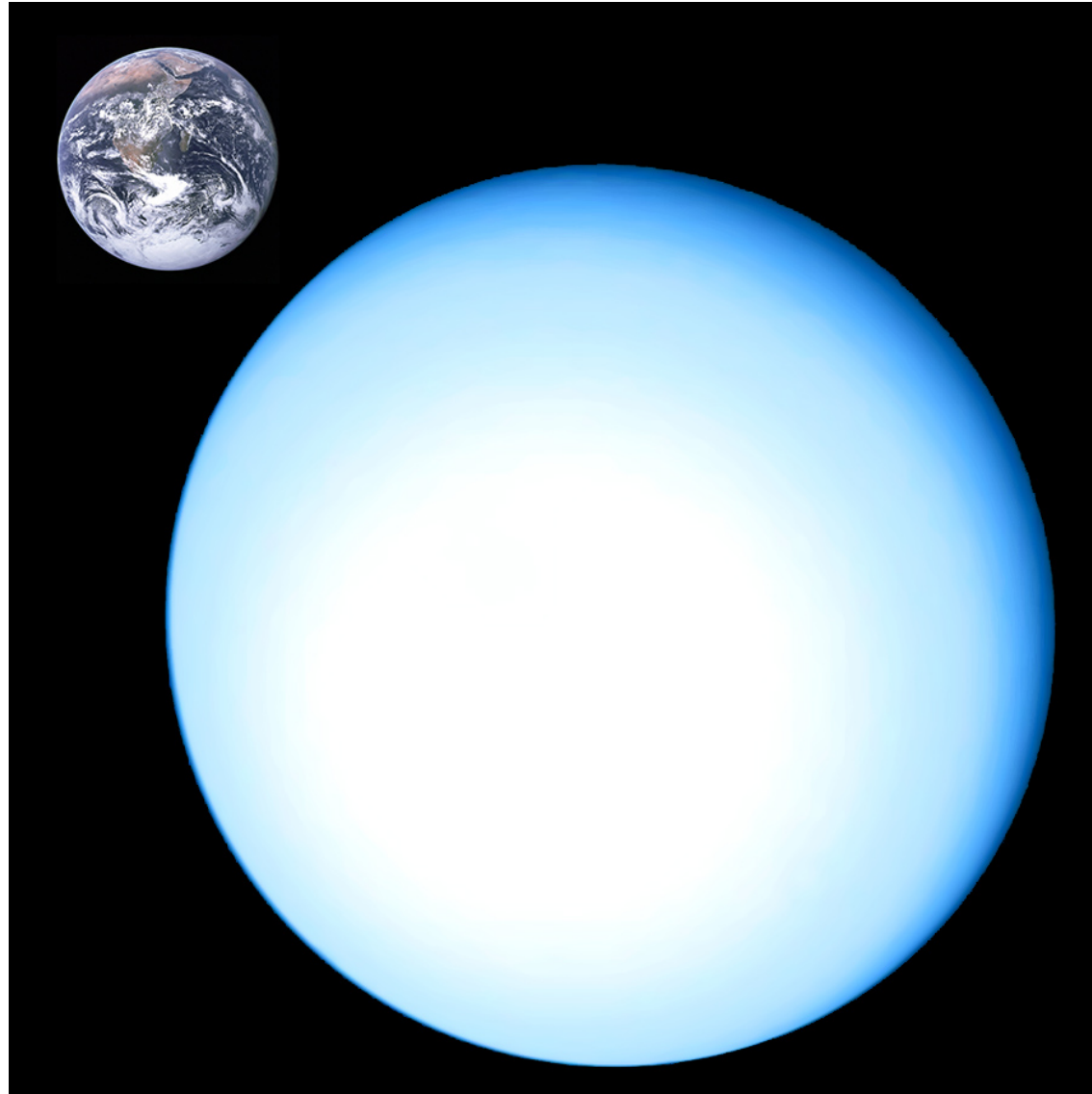


Uranus up close



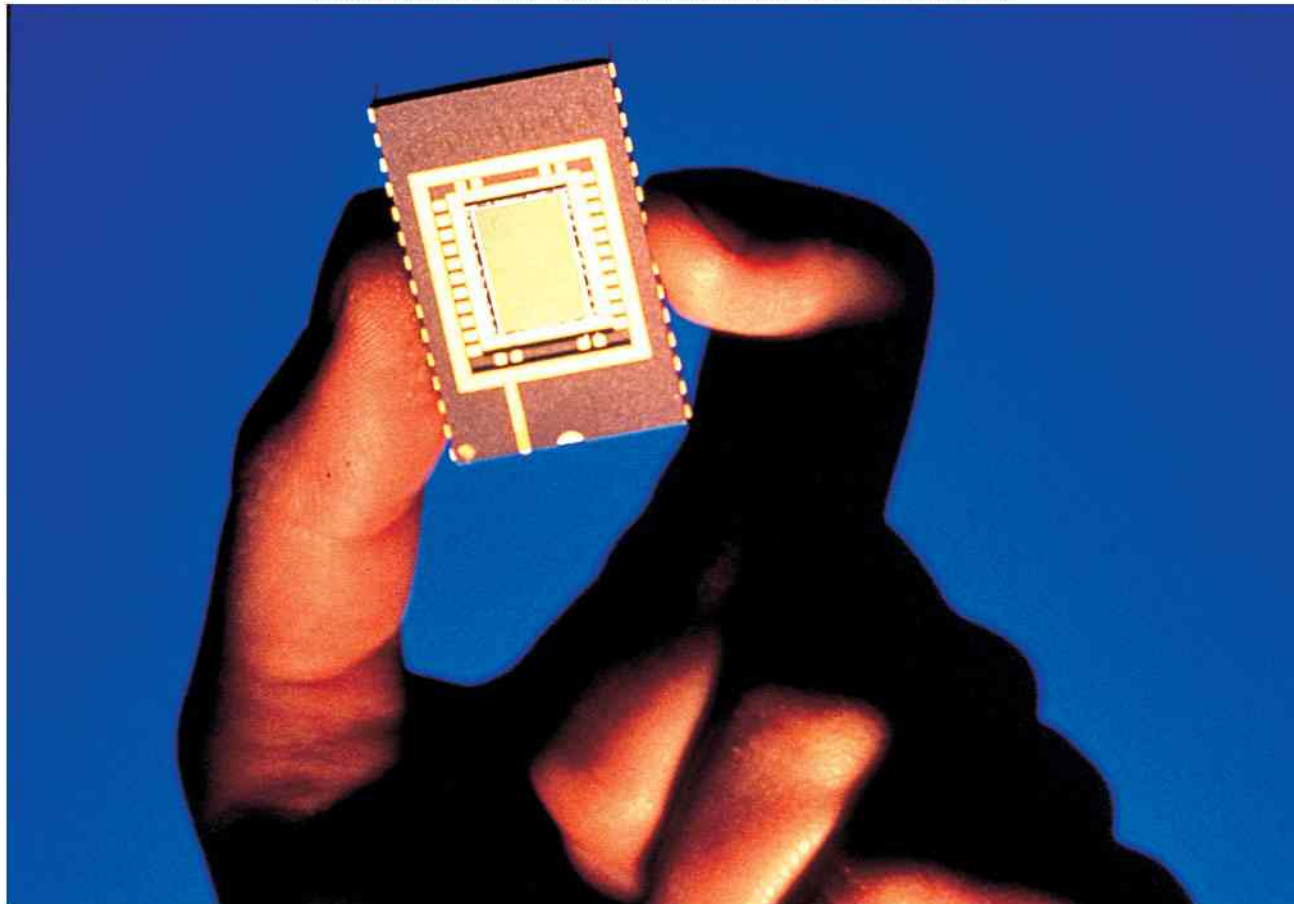
Image from Voyager 2, 1986

Size comparison, Uranus and Earth

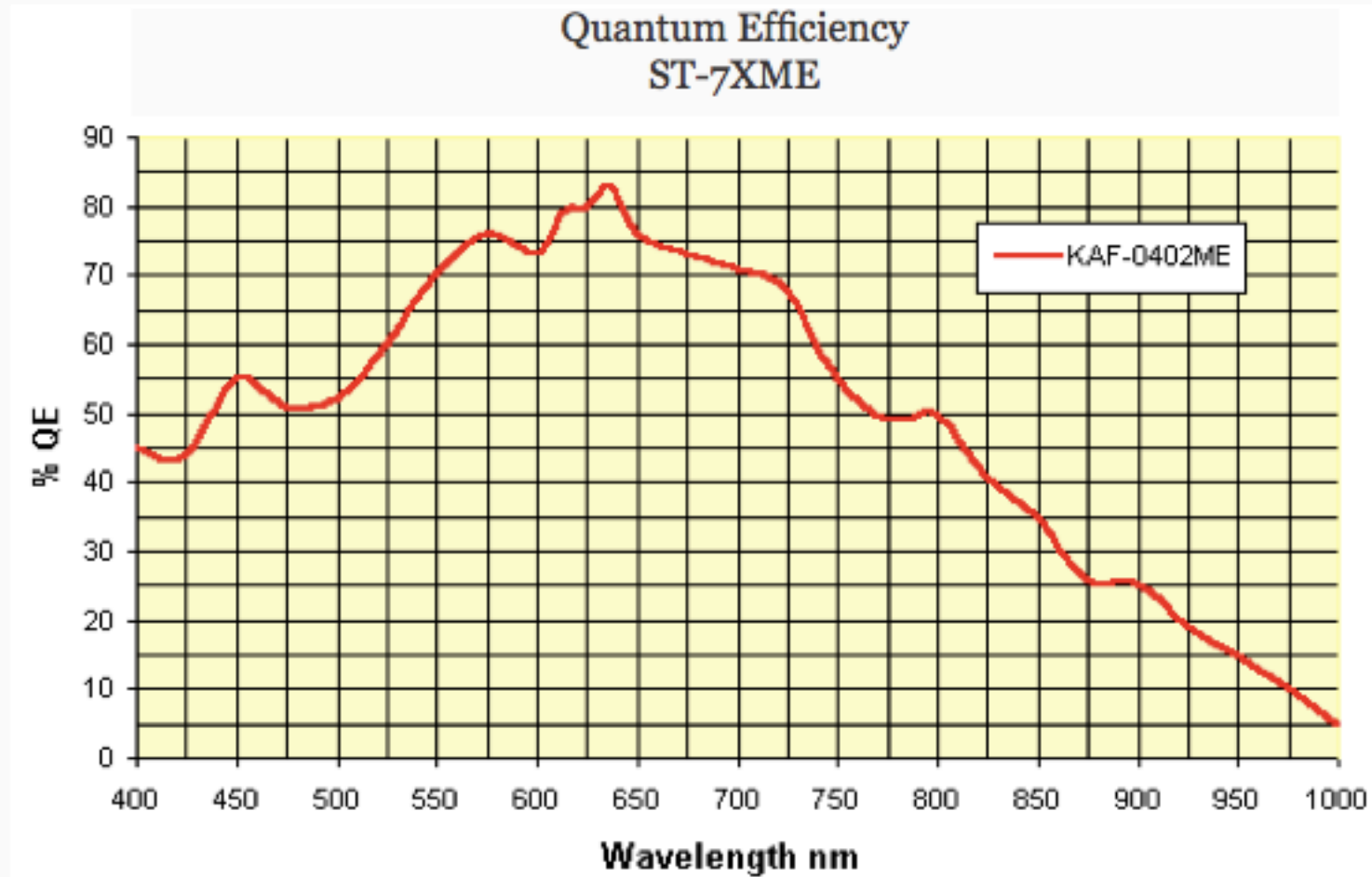


Detection of light, a Charge-Coupled Device (CCD)

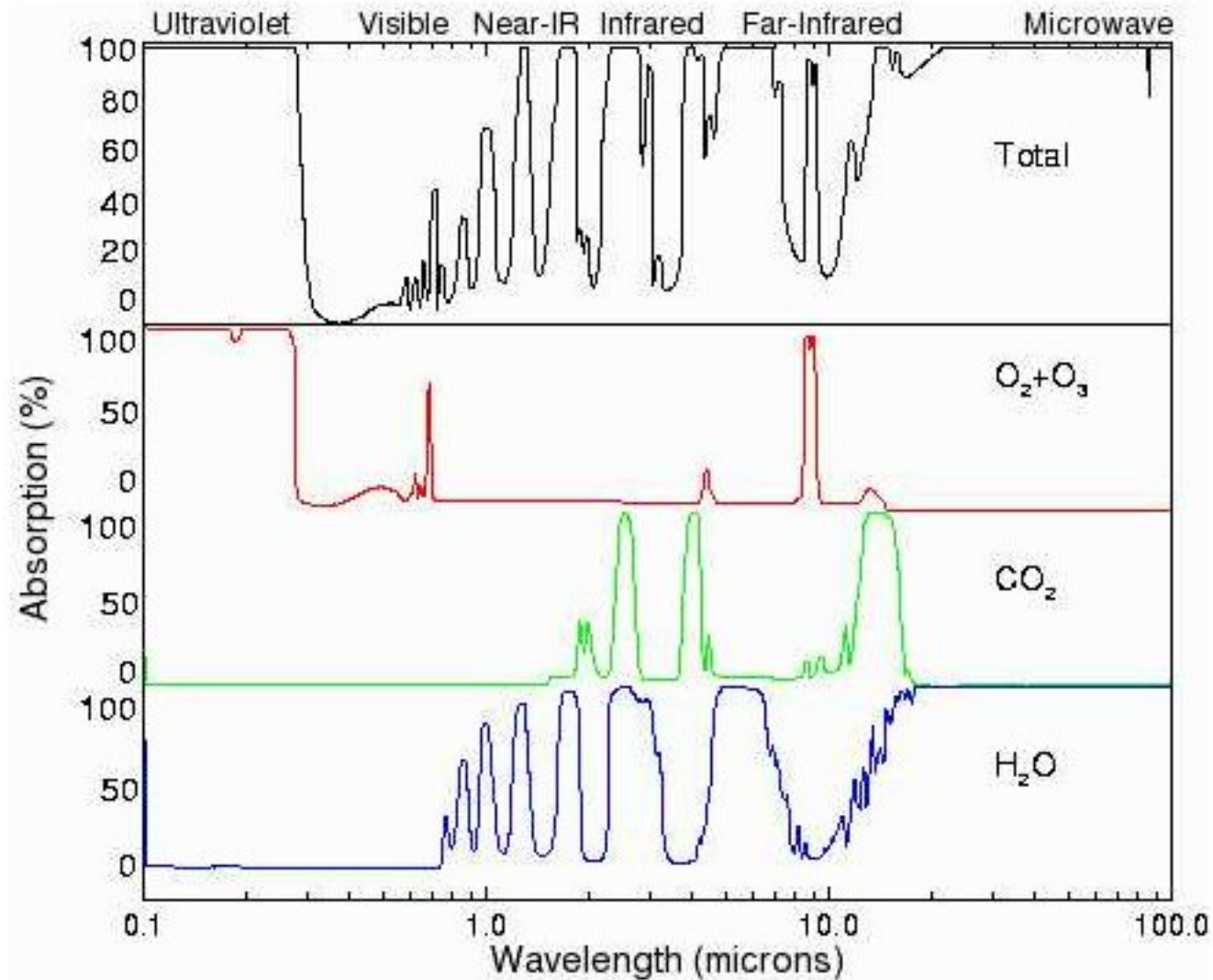
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Quantum Efficiency: KAF-402ME CCD chip



Atmospheric transmission as function of wavelength



Design of a radio telescope



Radio Telescopes

Wavelength large (1cm – 1 meter typically) so D has to be ***HUGE***



Radio Interferometers:

The ultimate in angular resolution

