



Big Bang

Afterglow light pattern

Recombination

Dark ages

First stars

First galaxies

Galaxy development

Galaxy clusters

James Webb
Space Telescope

GAMMA
RAY

XRAY

VISIBLE

InfraRed

MICROWAVE

RADIO
WAVE

10^{-12} m

10^{-10} m

10^{-8} m

0.5×10^{-6} m

10^{-5} m

10^{-2} m

10^3 m