The Webb Telescope's near-infrared camera senses miniscule amounts of light from far away.

In a single second, NIRCam could detect light emitted by a honey bee's heat energy 2400 km (1500 miles) away: The distance of Minneapolis from Los Angeles!

NIRCam could also see individual bees moving within a hive 24 km (15 miles) away.

NIRCam will spot the farthest (youngest) galaxies in our Universe and examine the birth of stars and their planets.

NGC 2516: The Southern Beehive star cluster

infrared

visible