Watching the Earth breathe mapping CO2 from space.



Orbiting Carbon Observatory

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OCO Science

OCO will acquire the based data needed to identify CO₂ sources and sinks and quantify their variability over the seasonal cycle











Mission Overview

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ed Bus (Orbital LEOStar-2) iew 4. GALEX, SORCE





INSTRUMENT



Validating OCO Data

of OCO data by the Science Co









Current Status

 Sep 2007: Successfully completed first thermal vacuum test of instrument

 Dec 07 – Feb 08: Instrument pre-flight characterization and calibration testing

 Spacecraft on schedule for March 2008 delivery and Observatory integration

 On schedule for December 2008 launch











