

## 《Venus' Atmosphere》 Glossary

- bar : 【バール】 A unit of pressure equal to 100000 Pa (pascals). One bar roughly equal to the atmospheric pressure on Earth at sea level.
- greenhouse effect : 【温室効果】 Warming of a planetary surface and the overlying atmosphere caused by the trapping of outgoing thermal radiation by the atmosphere
- Lightning discharge : 【雷放電】 An atmospheric electrostatic discharge accompanied by thunder, which typically occurs during thunderstorms
- orbit insertion maneuver : 【軌道投入制御】 Change of the spacecraft velocity vector using a propulsion system for the purpose of entering an orbit around a planet
- photochemical aerosol : 【光化学エアロゾル】 Fine liquid droplets or solid particles in a gas, produced by chemical reactions driven by incoming solar radiation
- photo-dissociation : 【光解離】 A chemical reaction in which a chemical compound is broken down by photons
- reflectivity : 【反射率】 The fraction of incident radiation reflected by a surface
- super-rotation : 【超回転】 A state of atmospheric circulation in which the whole atmosphere circles the planet much faster than the planet's rotation