Contrail Identification Chart and Formation Guide

Contrails are clouds formed when water vapor condenses and freezes around small particles (aerosols) that exist in aircraft exhaust. Some of that water vapor comes from the air around the plane, and some is added by the exhaust of the aircraft. Clouds are the largest variable controlling Earth's atmospheric temperature and climate. Any change in global cloud cover may contribute to long-term changes in Earth's climate. Contrails, especially persistent contrails, represent a human-caused increase in the Earth's cloudiness, and are likely to be affecting climate and ultimately our natural resources. Scientists today are trying to learn more about the longevity of persistent contrails and how much they may affect the climate in the future.





Generally it is very thin.





Contrail Education Website: http://asd-www.larc.nasa.gov/GLOBE/

Contrail Prediction Website: http://asd-www.larc.nasa.gov/GLOBE/resources/activities

