

Cloud Type and Contrail Type Protocol

Field Guide

Task

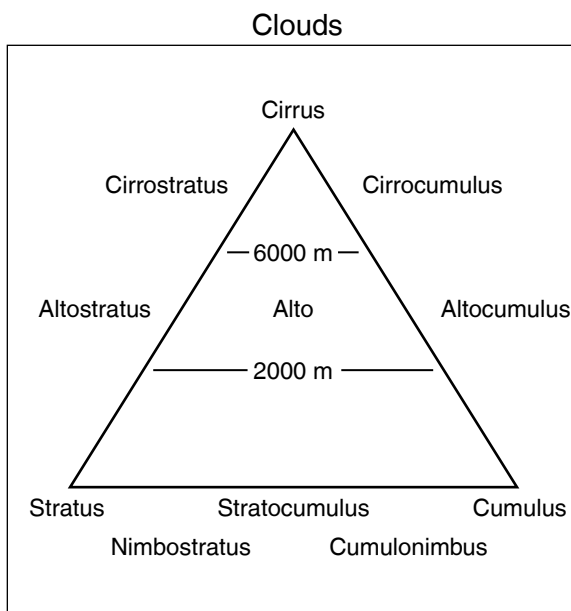
To see which of the ten types of clouds and how many of each of the three types of contrails are visible

What You Need

- Atmosphere Investigation Data Sheet OR
Cloud Data Sheet OR
Ozone Data Sheet OR
Aerosol Data Sheet
- GLOBE Cloud Chart
- Observing Cloud Type (in Appendix)

In the Field

1. Look at all the clouds in the sky, look in all directions, including directly overhead. Be careful not to look directly at the sun.
2. Identify the types of clouds that you see using the GLOBE cloud chart and the definitions found in *Observing Cloud Type*.
3. Check the box on your *Data Sheet* for each and every cloud type you see.
4. There are three types of contrails. Record the number of each type you see.



Contrails



Short-lived



Persistent Non-Spreading



Persistent Spreading