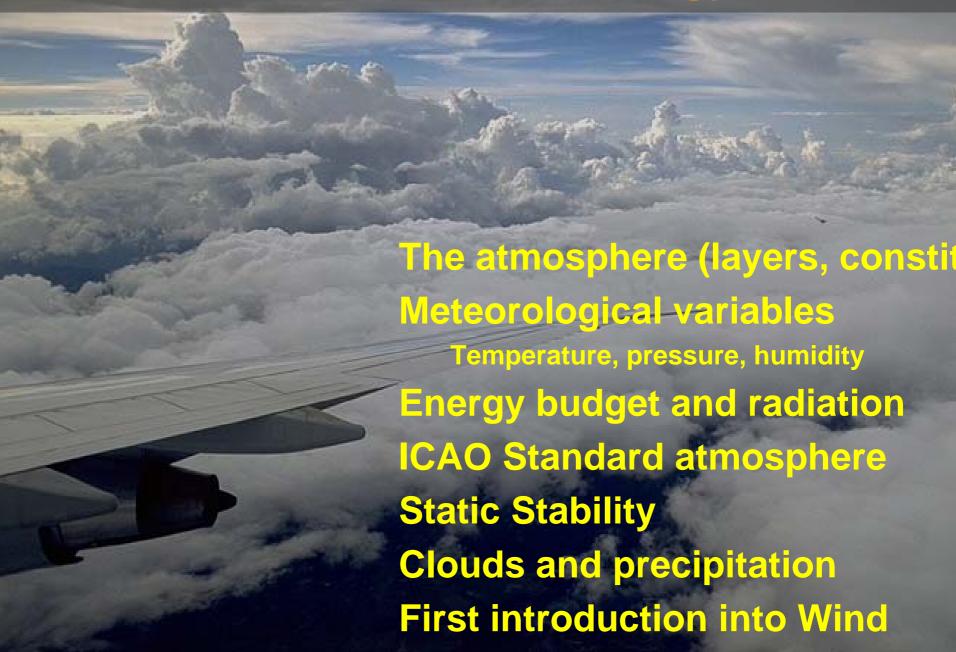
Meteorology – what will you expect?



General Meteorology



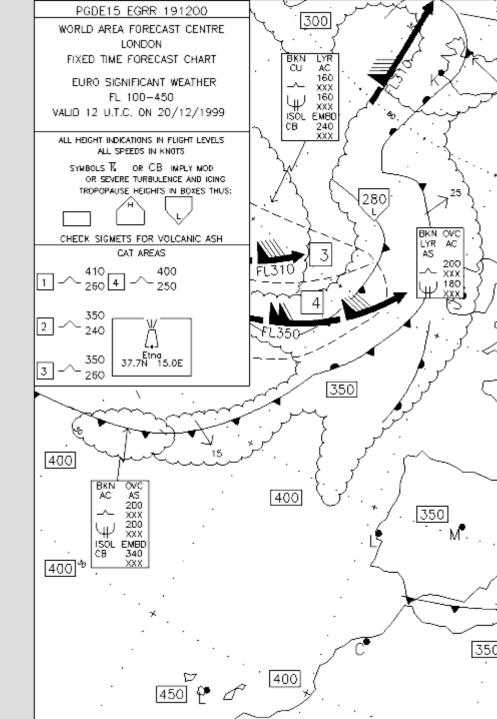
Aviation weather

"Hazards"

Aircraft icing Thunderstorms Wind shear, turbulence **Tornadoes** Fog - Haze - Visibility Hazards in mountain terrain **Inversions Tropopause Jet Streams**

Wetter information for Pilots

Flight weather consultation
Coded weather reports
(METAR, TAF)
Wetter maps
Meteorological briefing
Weather information
during flight





Barometric altitude measurement

Terms of altitude

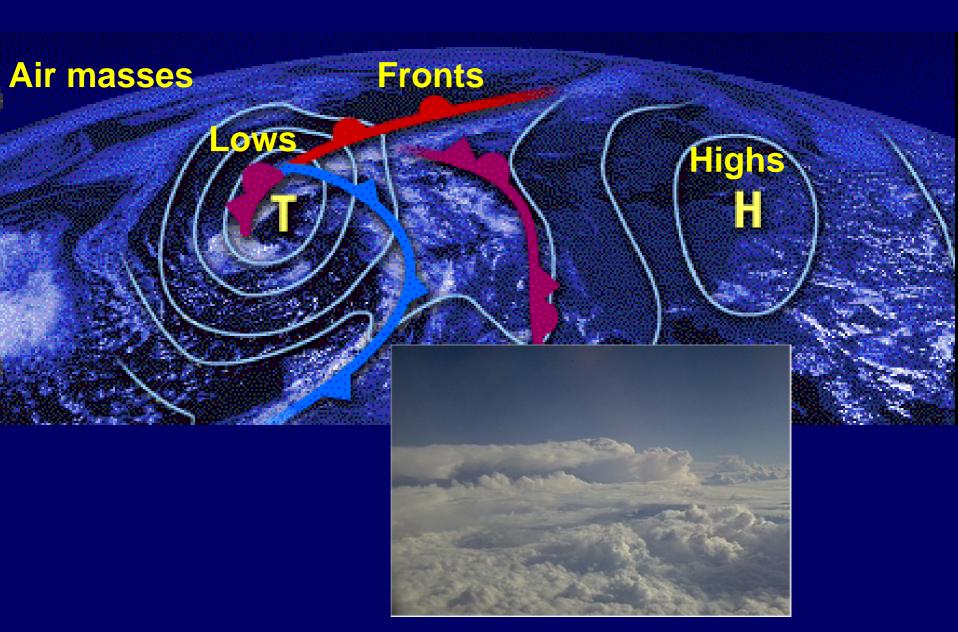
Pressure altitude – true altitude

Deviations of altimeter readings from true altitudes

Density altitude



Synoptic Meteorology

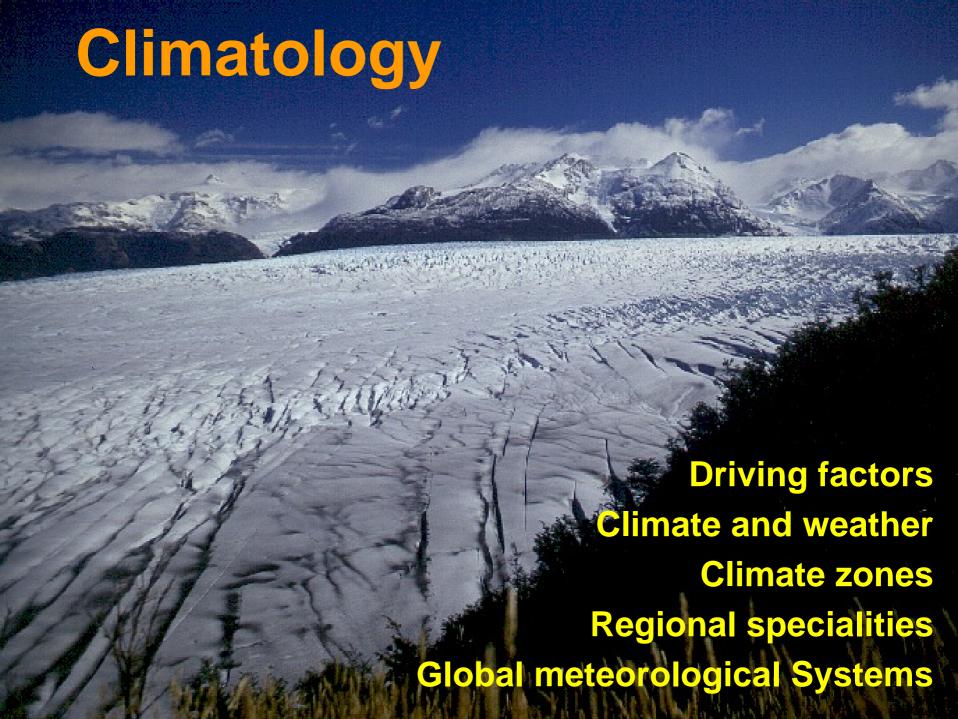


Development
Driving forces
Types of wind

Diurnal and annual variation







Distribution of hours

General Meteorology 26 h
Altimetry 10 h
Aviation meteorology 26 h
Meteorological Informationen 22 h
Wind 12 h
Synoptic Meteorology 26 h
Climatology 24 h

In total
146 hours
meteorology