

Southern Hemisphere Stratosphere

$O_3 > 300$ ppbv
 $CO < 100$ ppbv

~15 km tropopause

Maximum aircraft altitude ~13 km

Northern Hemisphere Stratosphere

$O_3 > 100$ ppbv
 $CO < 100$ ppbv

~8 km tropopause

~12 km tropopause

Free Troposphere

~12 km tropopause

~8 km tropopause

South Polar

Southern Midlatitudes

Tropics

Northern Midlatitudes

North Polar

Smoke and Dust

MBL height defined on each profile

-86°

0° Latitude

83°

