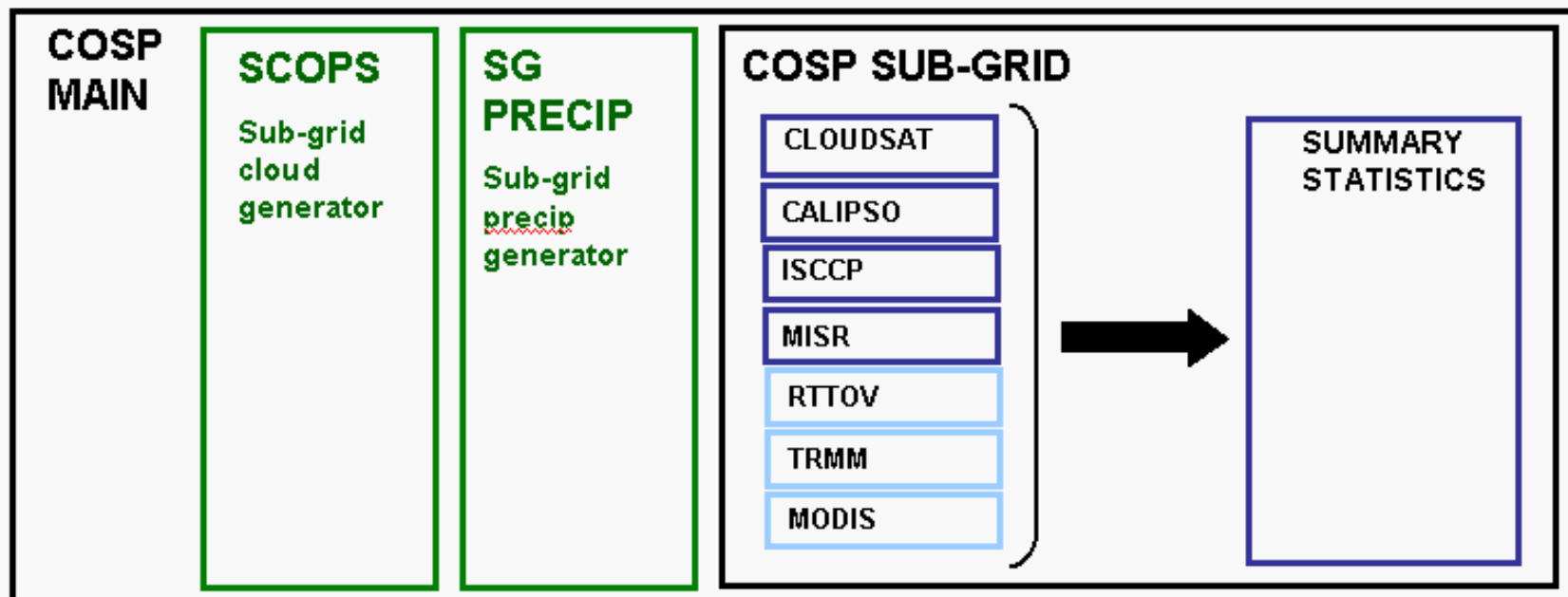


CFMIP

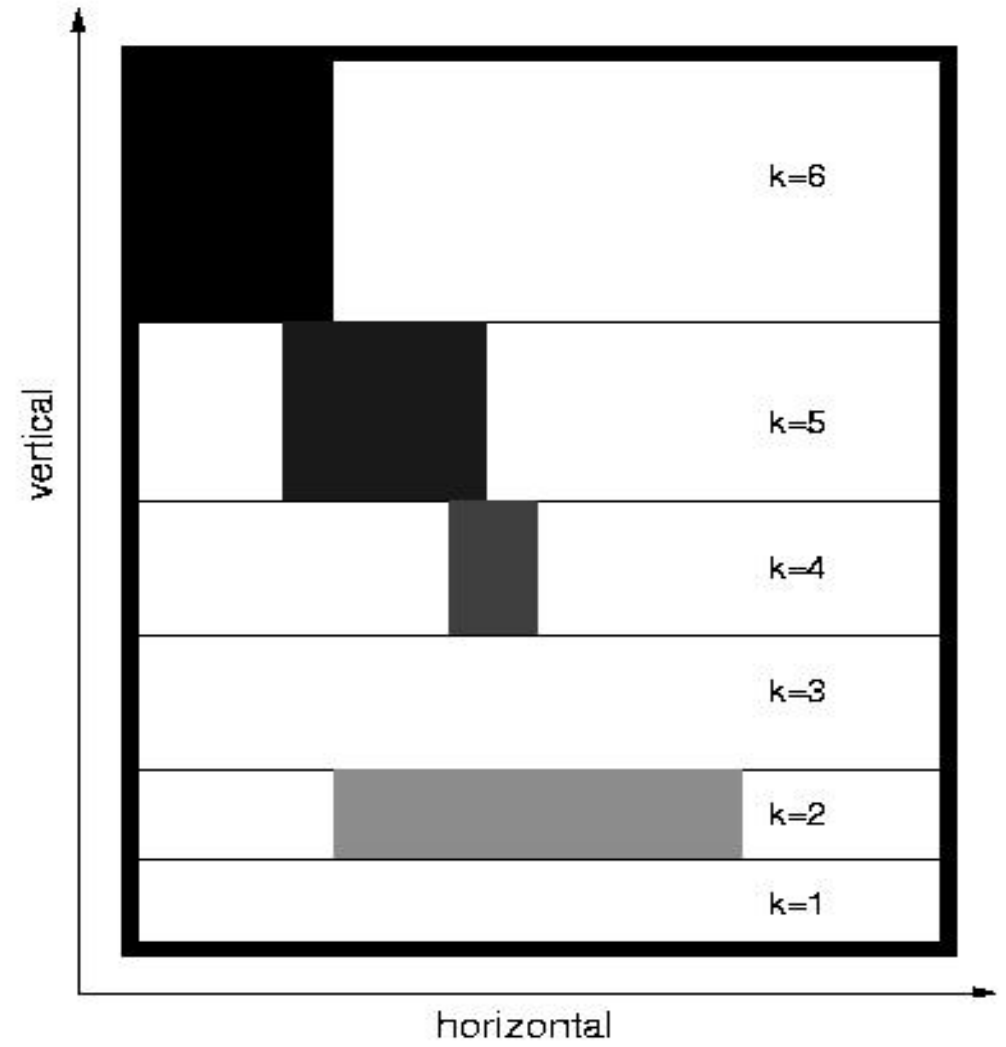
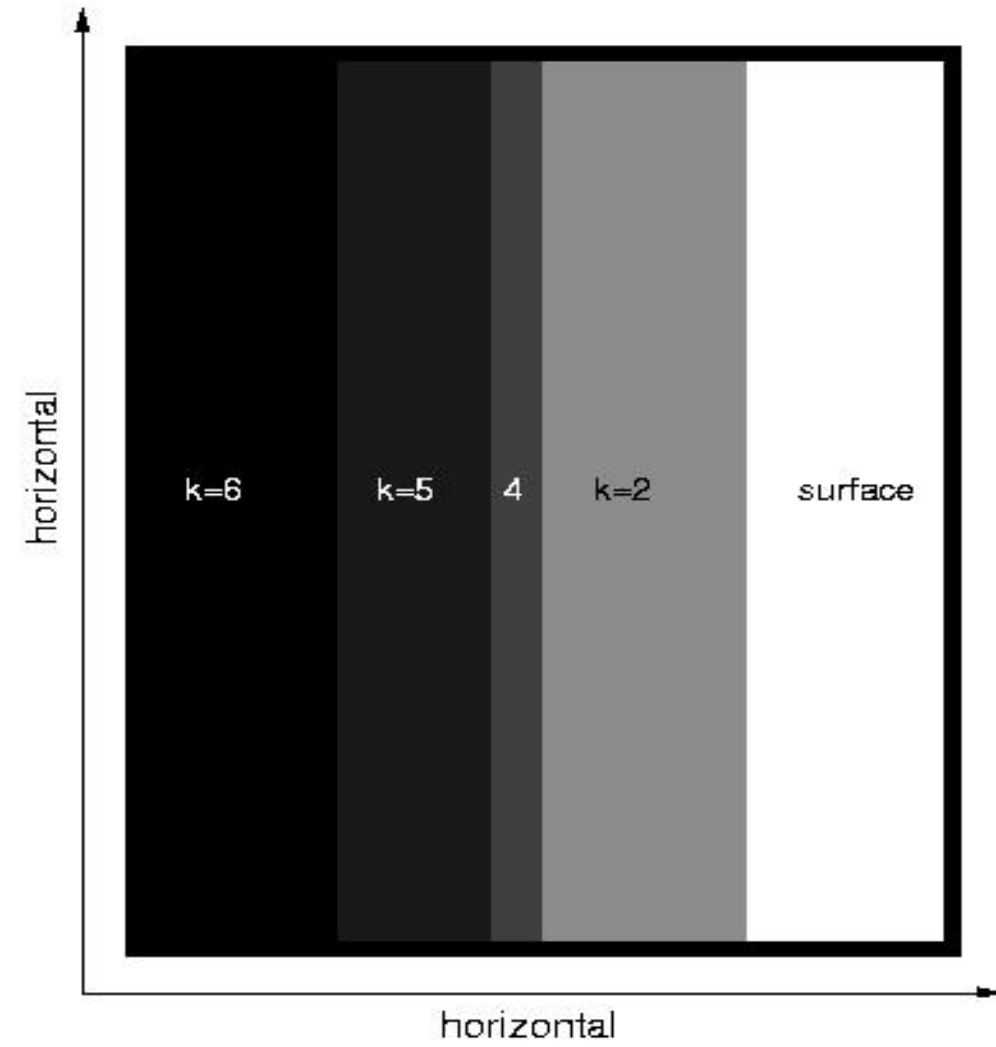
Cloud Feedback Model Intercomparison Project

CFMIP Observational Simulator Package (COSP)

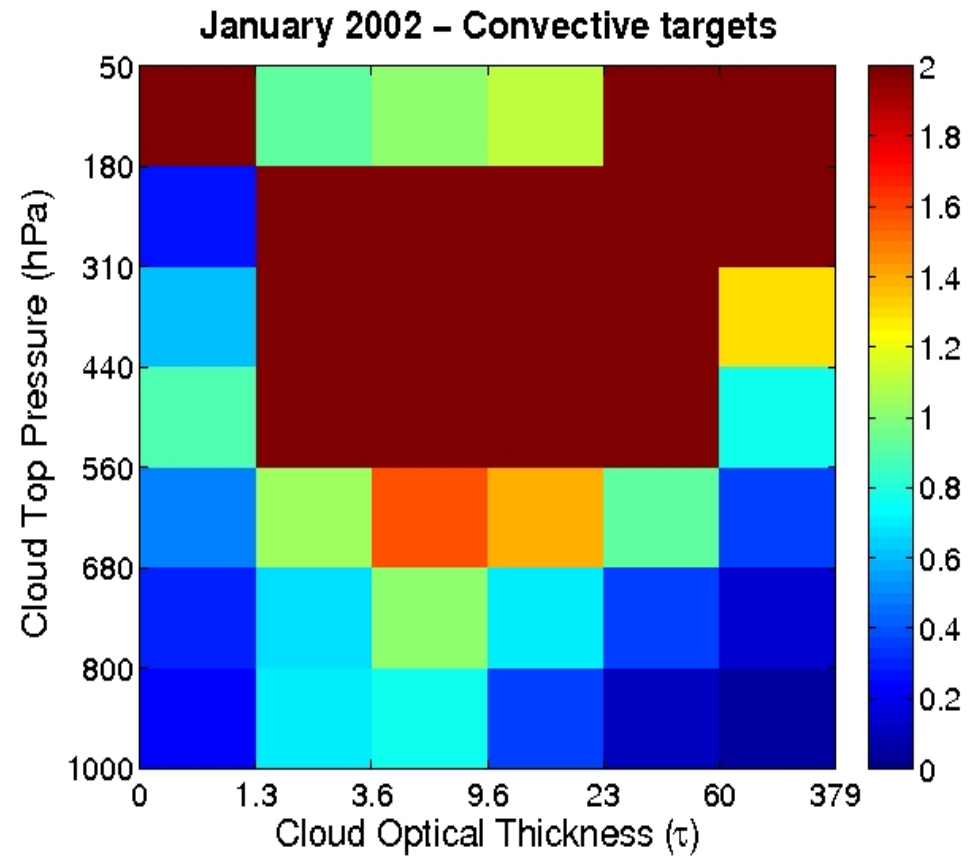
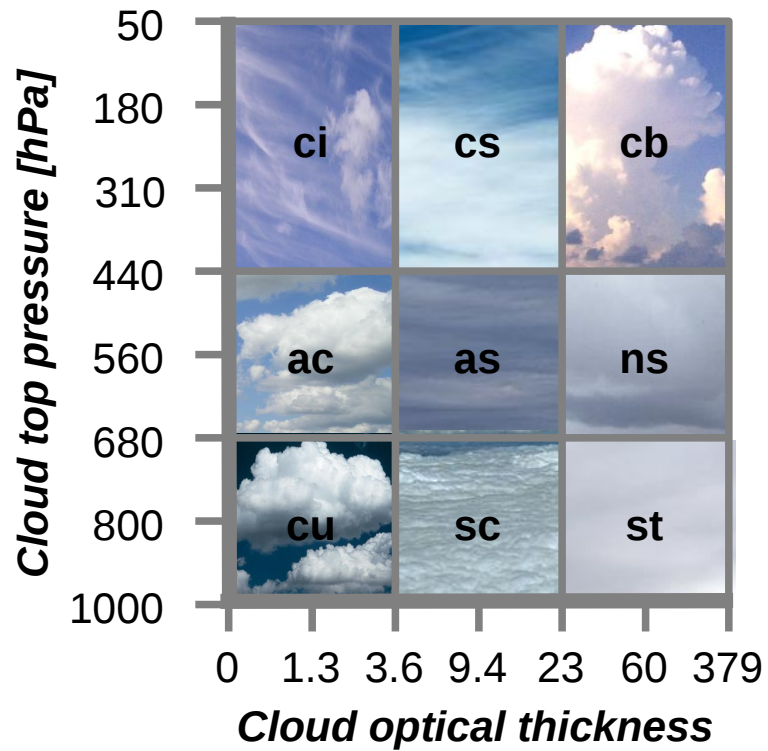
- 1) subgrid sampling
- 2) mimic retrievals
- 3) summary statistics

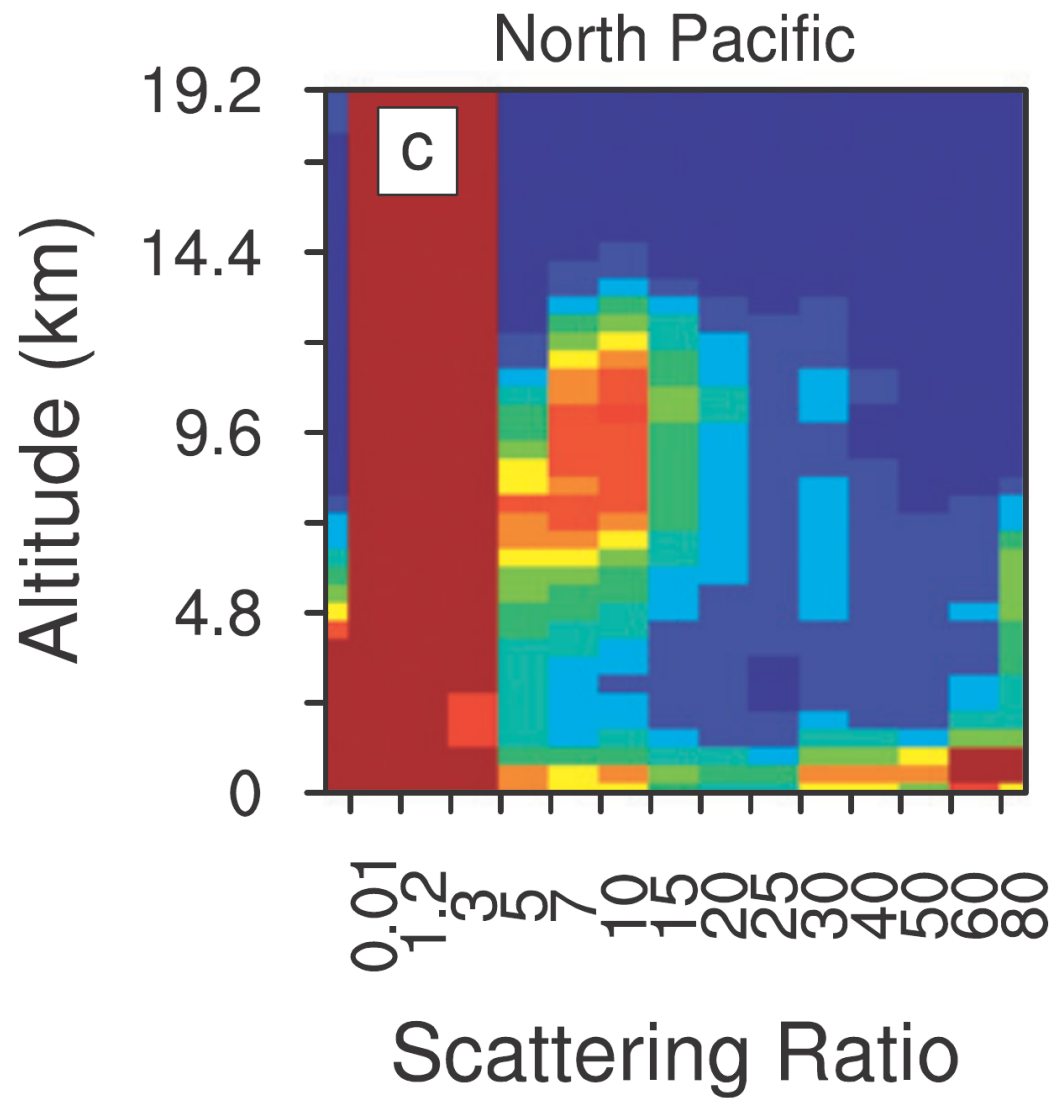


Subgrid variability



Summary statistics

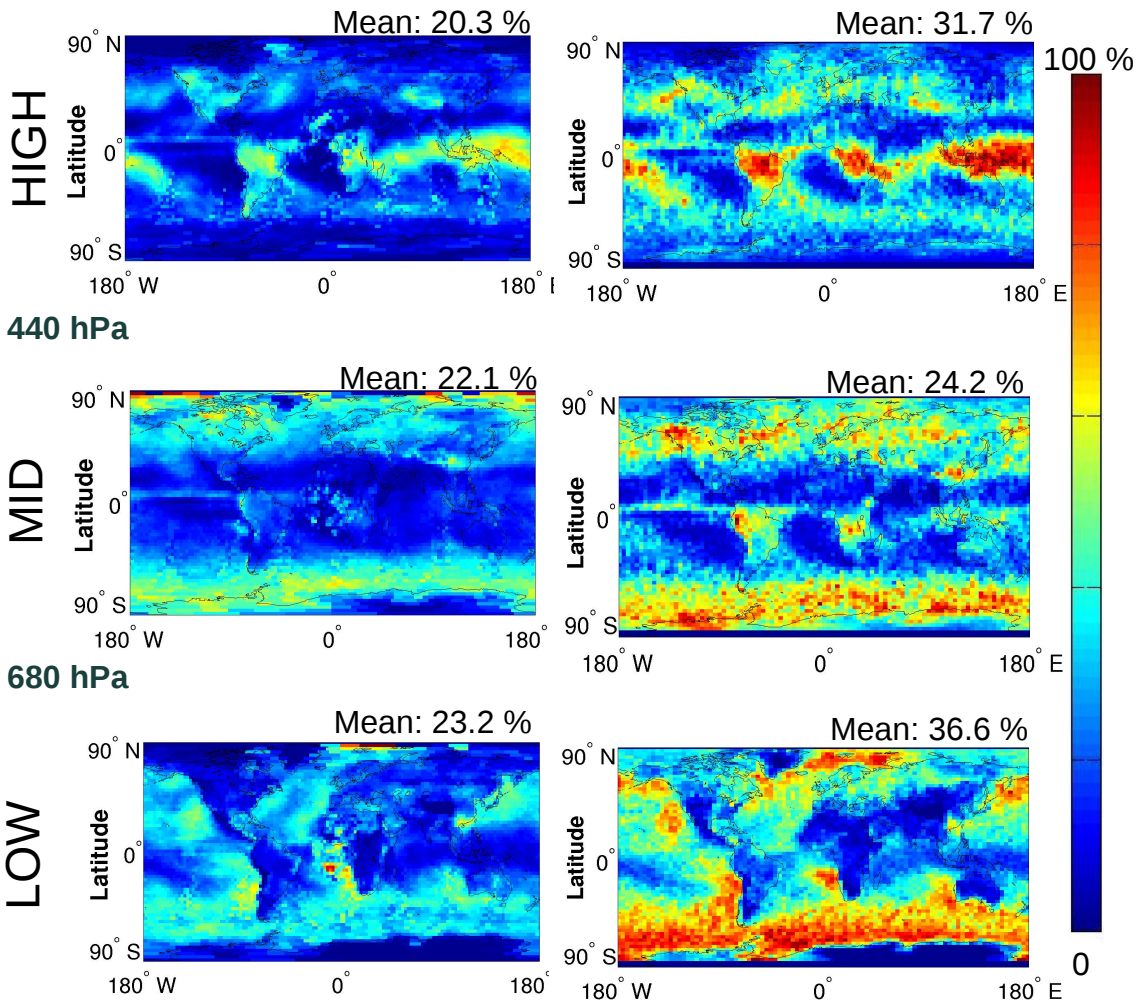




Comparison with Satellite Data - JFM 2007

ISCCP Satellite

CALIPSO Satellite



Comparison with Satellite Data - JFM 2007

ECHAM5 GCM

ISCCP Satellite

CALIPSO Satellite

ECHAM5 + ISCCP Simulator

ECHAM5 + COSP Lidar Simulator

