

Benchmarking of UKCA simulated CCN against GLOMAP-bin

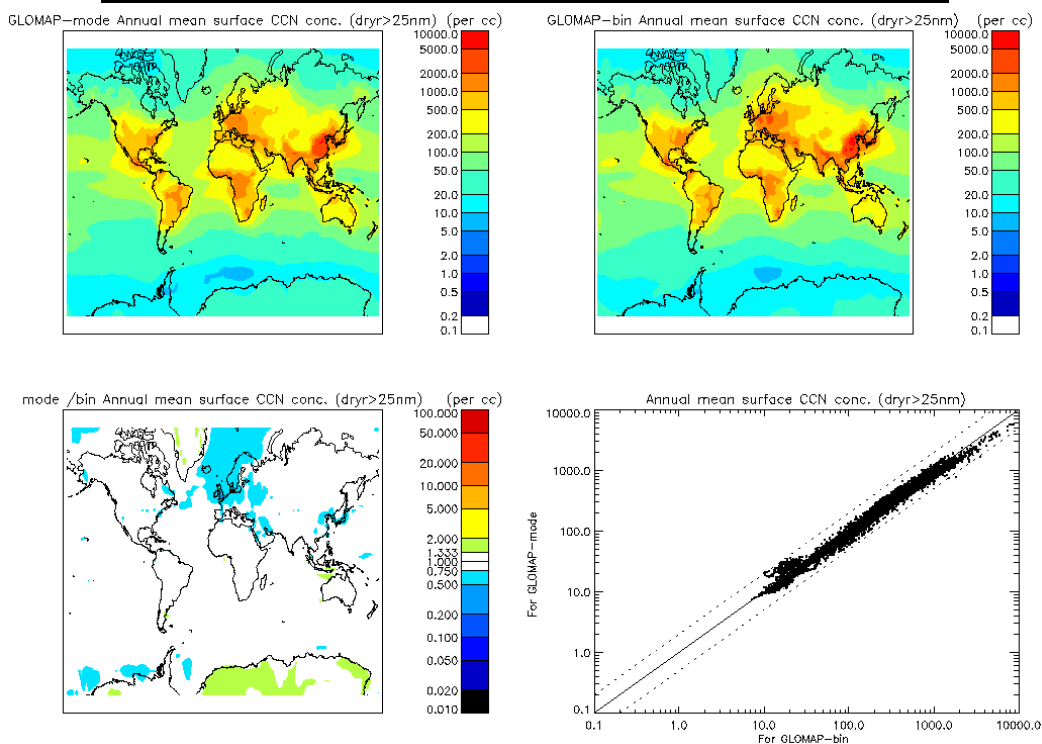


Figure 1: Simulated annual mean surface cloud condensation nuclei concentrations in GLOMAP-mode (top-left) and GLOMAP-bin (top right). The ratio of GLOMAP-mode to GLOMAP-bin simulated CCN concentration is shown in the bottom left plot.

N.b. black dots in scatterplot (bottom right) show GLOMAP-mode vs GLOMAP-bin.

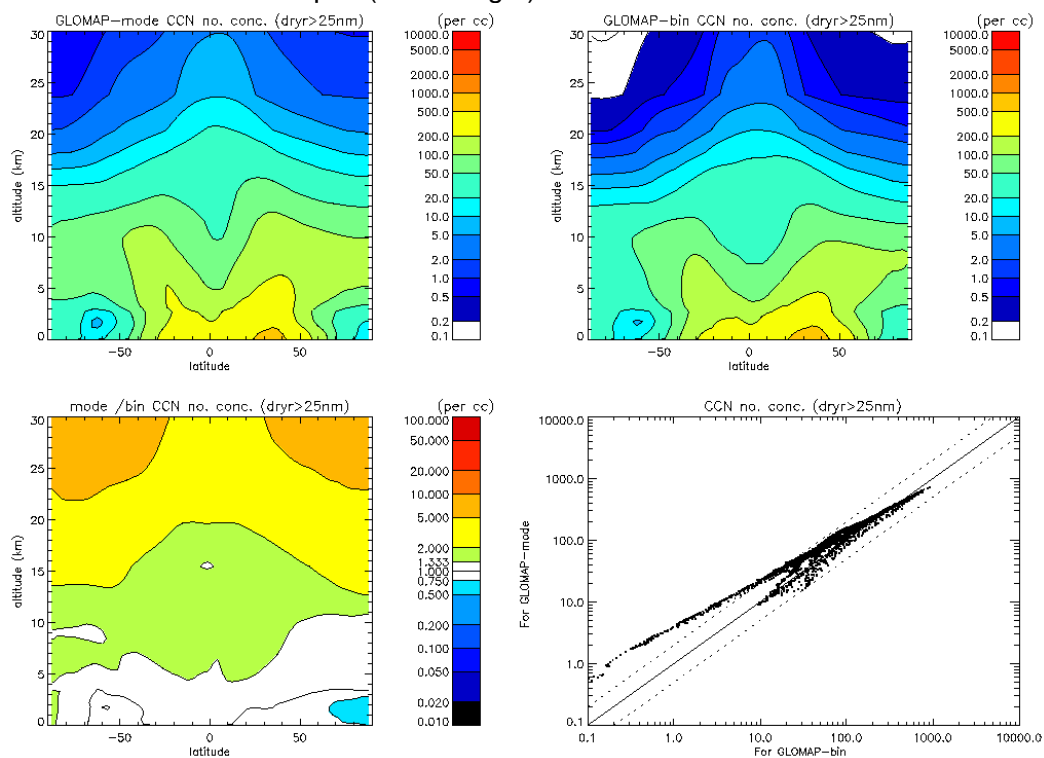


Figure 2: Simulated annual zonal mean condensation nuclei concentrations in GLOMAP-mode (top-left) and GLOMAP-bin (top right). The ratio of GLOMAP-mode to GLOMAP-bin simulated CN concentration is shown in the bottom left plot.

N.b. black dots in scatterplot (bottom right) show GLOMAP-mode vs GLOMAP-bin.