



Figure 23.7: Simulated and observed evolution of temperature averaged over the upper 25 m of the water column at OWS Papa. Simulations have been carried out with 5 different resolutions and three different methods for discretising the surface boundary conditions for  $k$  and  $\varepsilon$ . Upper panel: Dirichlet conditions with a shift of one grid box; middle panel: Dirichlet conditions with *Stelling* [1995] correction; lower panel: Neumann conditions.