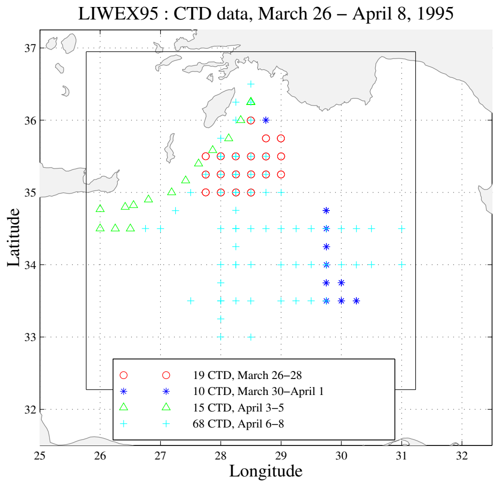
(a): In situ data location



(b): RMSE at in situ data points

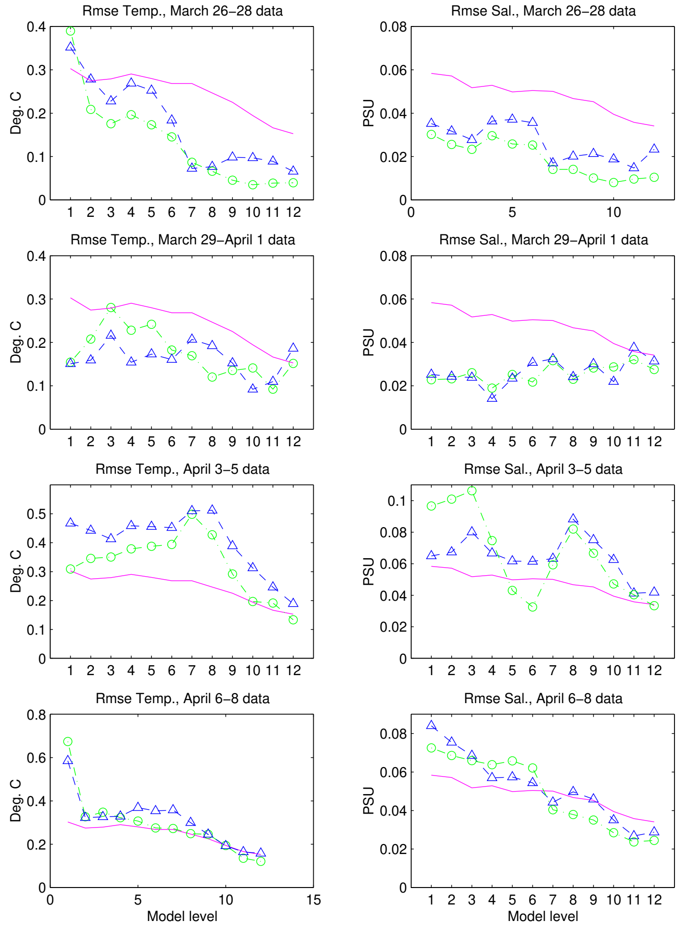


Fig. 31. (a): Sampling locations and total number of CTDs, divided in four three-day periods. (b): RMSE for temperature (left) and salinity (right) at data points, from model level 1 (5 m) to 12 (500 m). Solid line (magenta): *a priori* model of the measurement error standard deviations. Dash-dotted line (green circles): RMSE at data point for Case 1. Dashed line (blue triangles): RMSE at data point for Case 4. Note that scales vary with the three-day periods. Cases 2 and 3, similar to Case 4, are not plotted.