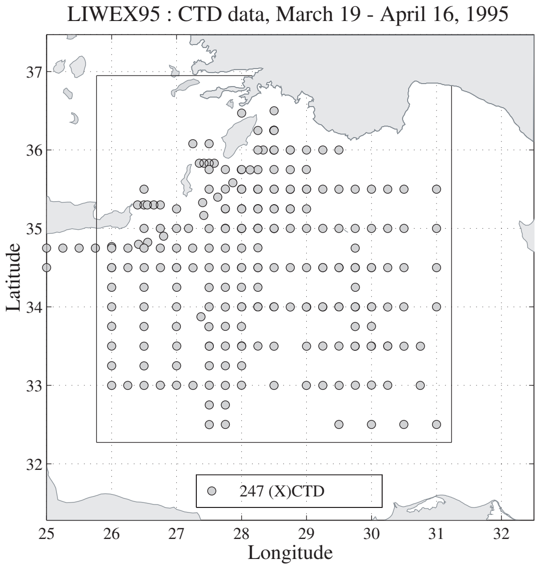
(a)



(b)

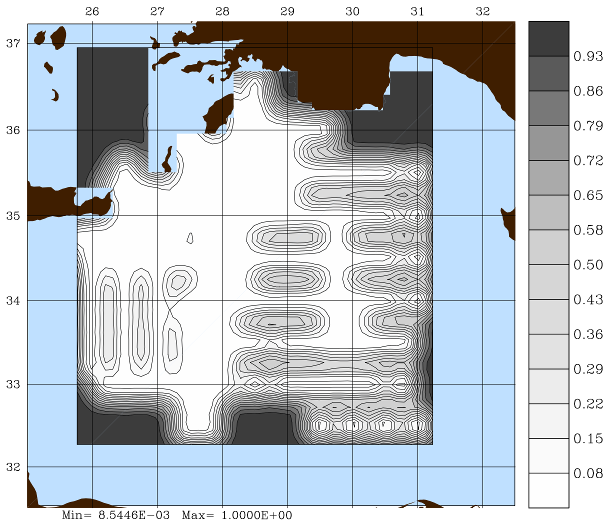


Fig. 15. (a): coordinates of the 247 CTD profiles gathered during March 19–April 16, 236 of which are in the domain and form $\mathbf{y}^o$ (App. A) in the mesoscale field mappings. (b): surface (5 m) values of the *a posteriori* mesoscale error variance for temperature, as estimated by the univariate 2D scheme. Errors are normalized (0–1) and computed using a Mexican hat for *a priori* covariance function ($l_a^x = l_a^y = 60$ km and $l_b^x = l_b^y = 30$ km) and an *a priori* variance of uniform amplitude equal to 1.