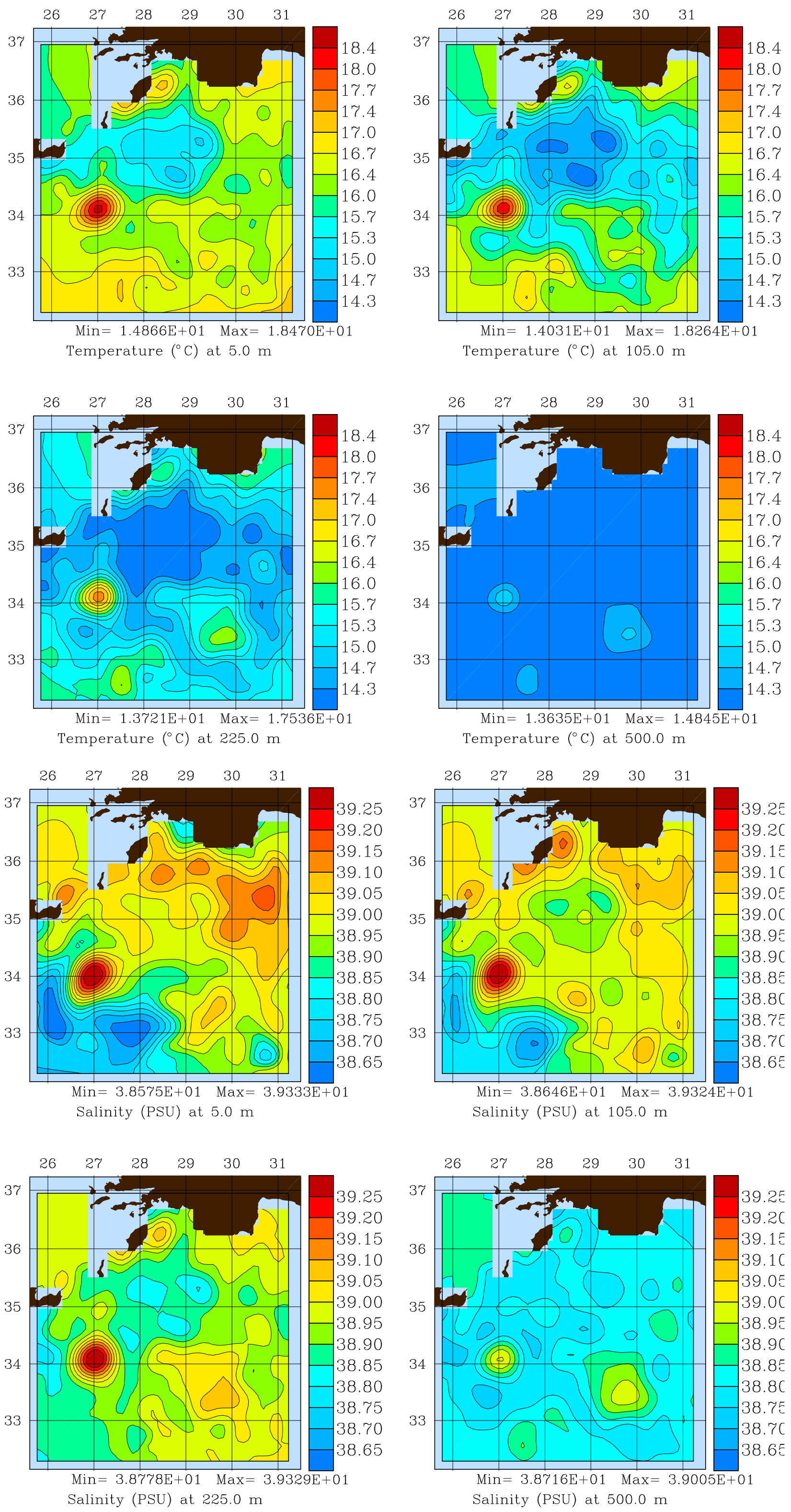

Fig. 20. Case 2: Mesoscale T and S fields resulting from a multivariate 3D analysis. The dominant 322 vectors of $\mathbf{B}^p$ in (eq. A23) are used. The levels shown and scalings are as on Figs. 9–10 of LAL00. The corresponding first-stage fields resulted from a subbasin-scale multivariate 3D analysis.