



**Plate 7.1.12** (a) Sensitivity of Atlantic heat transport across 29°N (1993 mean), to surface temperature on 1 January 1993 as computed by the MIT adjoint model. The contour interval is  $0.02 \times 10^{12} \text{ W K}^{-1}$ . (b) Sensitivity of Atlantic heat transport across 29°N (1993 mean), to salinity at 1160 m depth, in January 1993. Contour interval is  $0.02 \times 10^{12} \text{ W psu}^{-1}$ . See Marotzke et al. (1999) for details.