



Figure 4.9a. Mean flow in Massachusetts Bay in summer at 5 m water depth calculated from numerical simulations carried out for the summer months June-August, 1990-1992, when the water column is stratified. The flow pattern is visualized by tracks of particles introduced at every 4th model grid cell; each particle track is 20 days long and a white dot indicates the beginning of the track, and at 10 and 20 days (end). The black arrows show the vector current at every 2nd grid cell; the background color is the scalar current speed. See text for a description of the flow field.