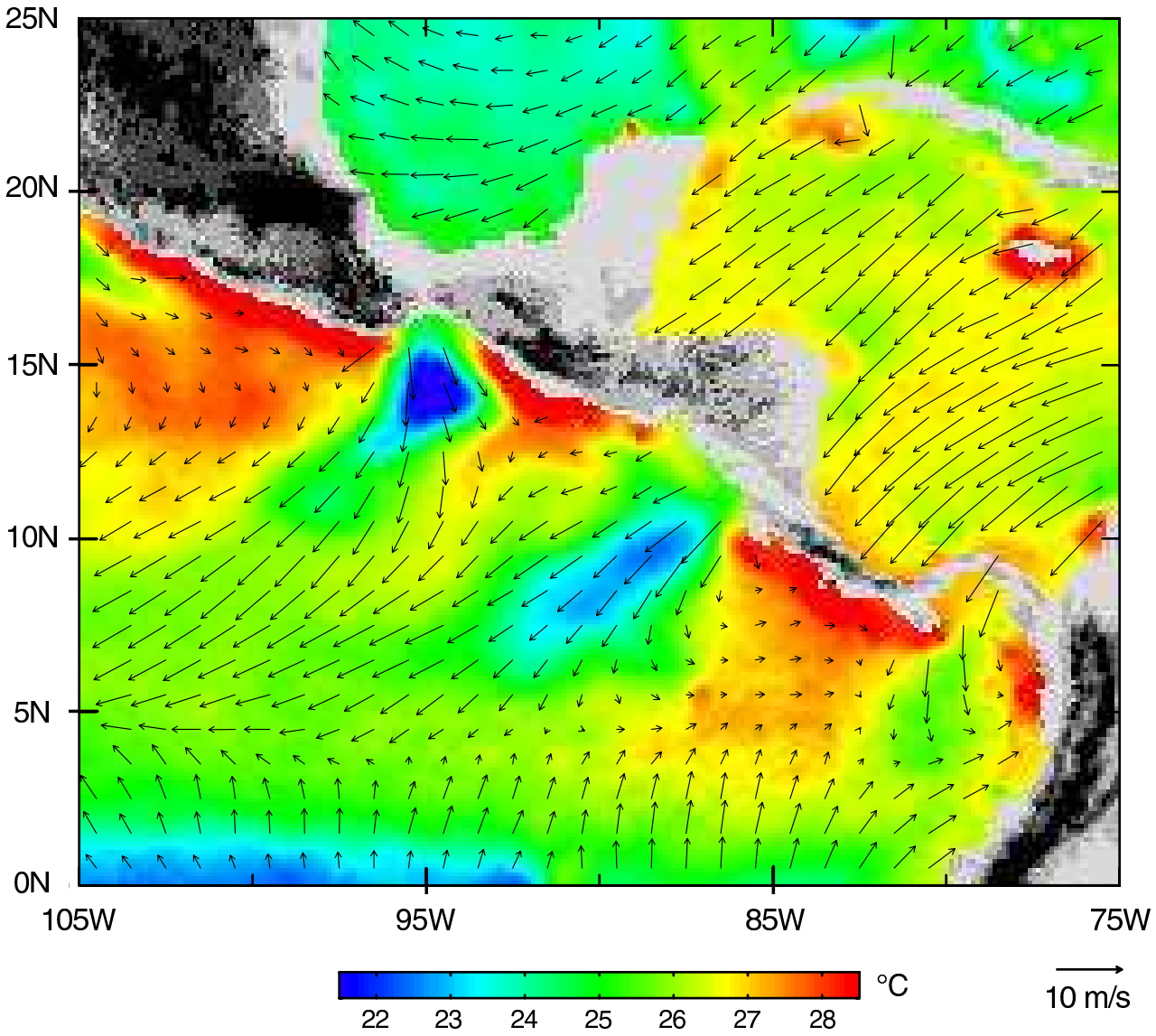

Figure 30. Satellite measurements of surface wind and sea surface temperature averaged for January 2000. Dark shading over land indicates elevation in excess of 300 m. Strong offshore flow downstream of the gaps in the mountain ranges, with monthly mean wind speeds as high as 10 m s^{-1}, gives rise to local sea surface temperature minima, indicated by the lighter red shading in the figure and enhanced chlorophyll concentrations (Fig. 5).