



FIGURE 16.7. The large-scale distribution of aeolian cross strata and wet interdune deposits (gray shading) from the Jurassic Entrada Sandstone, western USA. From Crabaugh and Kocurek (1993). The bases of sets of aeolian cross strata show examples of upward climbing, downward climbing, and variation in scour depth. The scalloped pattern of cross strata is related to dune superimposition, and seasonal changes in bed-form type and direction. The restricted lateral extent of some of the interdune deposits, plus their having the same angle of climb as the cross-set boundaries, suggests migration of dunes over their own local interdune deposits. However, the horizontal, thick interdune deposits suggest a regional hiatus in deposition in the sand sea.