

Beach progradation with longshore bars and berms

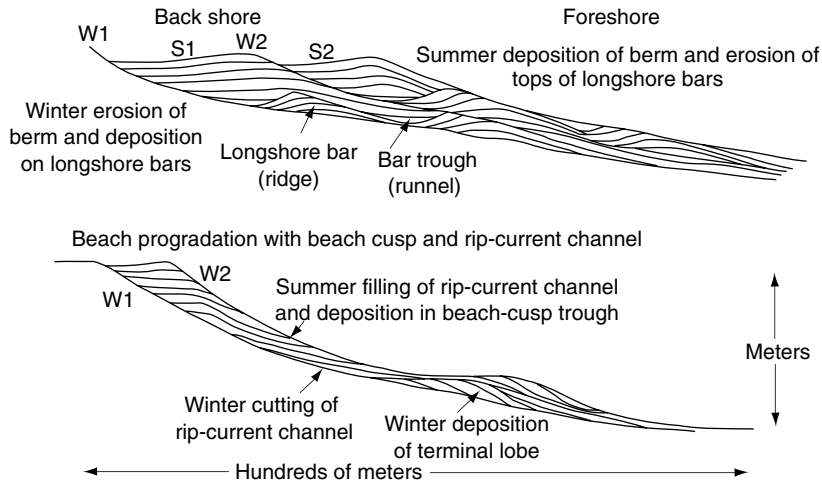


FIGURE 15.20. Cross sections showing idealized deposits associated with (A) progradation of a beach and upper shoreface with longshore bars and a berm that change geometry and position with wave size; and (B) progradation of a beach and upper shoreface where a rip current cuts through longshore bars. In these cases, wave size is taken as increasing from summer to winter (see also Figure 15.17), although this is not so along all coasts. Labels S1, S2, W1, and W2 refer to successive summer and winter bed profiles.