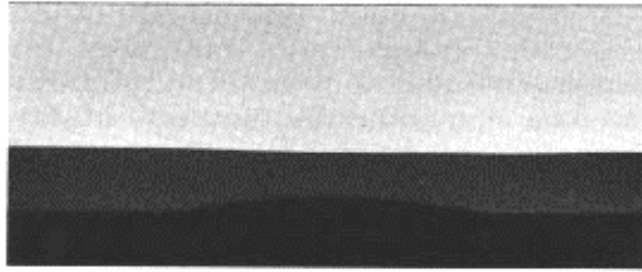
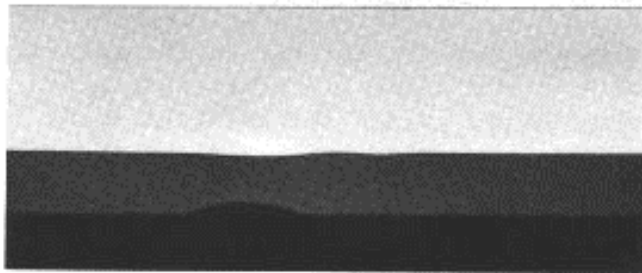


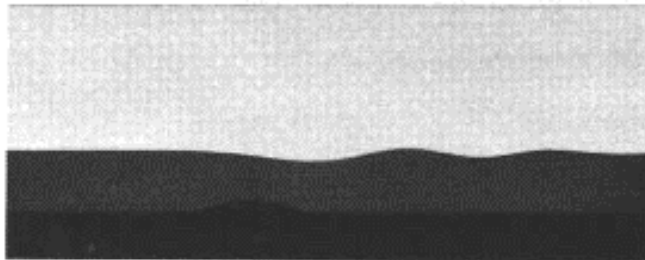
Flow over Topography II: *2-Layer Flow*



9. Subcritical flow of two fluids over an obstacle. The flow condition is analogous to that in Fig. 4.



10. Weak lee waves in a two-fluid system.



11. Strong lee waves in a two-fluid system.

In a stratified fluid, a subcritical flow can excite internal waves upstream and downstream of obstacle. These are called lee waves.