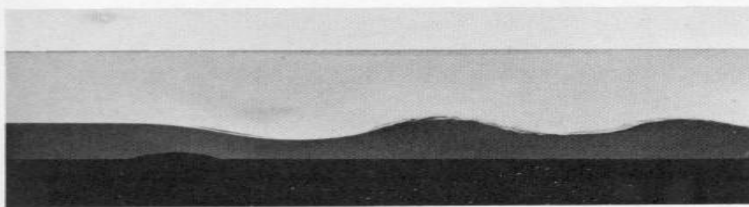
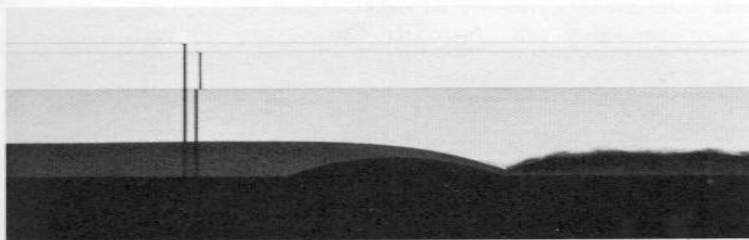


"Flow over Topography III: *Hydraulic jumps in 2-Layer Flow*"



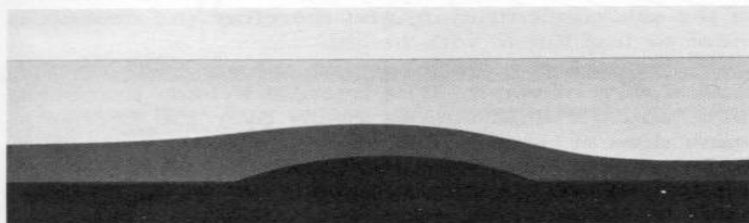
12. Breaking waves in a two-fluid system.

Breaking Lee Waves



13. Hydraulic jump in the lee of an obstacle in a two-fluid system.

Hydraulic Jump in Lee



14. Supercritical flow in a two-fluid system. Compare this with Fig. 8 for the water-air case.

Supercritical Flow



15. Hydraulic drop in a two-fluid system. Note the increase of thickness of the upper fluid downstream.

Hydraulic Drop

If sufficiently strongly excited, both subcritical and supercritical flows can develop hydraulic jumps/drops.