

The movement of small scale atmospheric fronts over mountains and valleys: a numerical study

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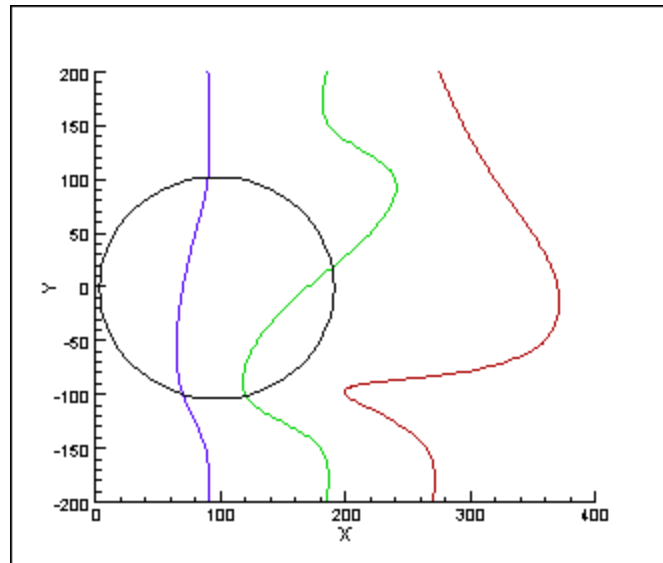
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3D cold front propagation over a 2000 m mountain
Delta T=3K Stable stratification



2D cold front propagation over a 600 m valley , Formation of a hydraulic jump
Time interval=15 min, $\Delta T=2K$

