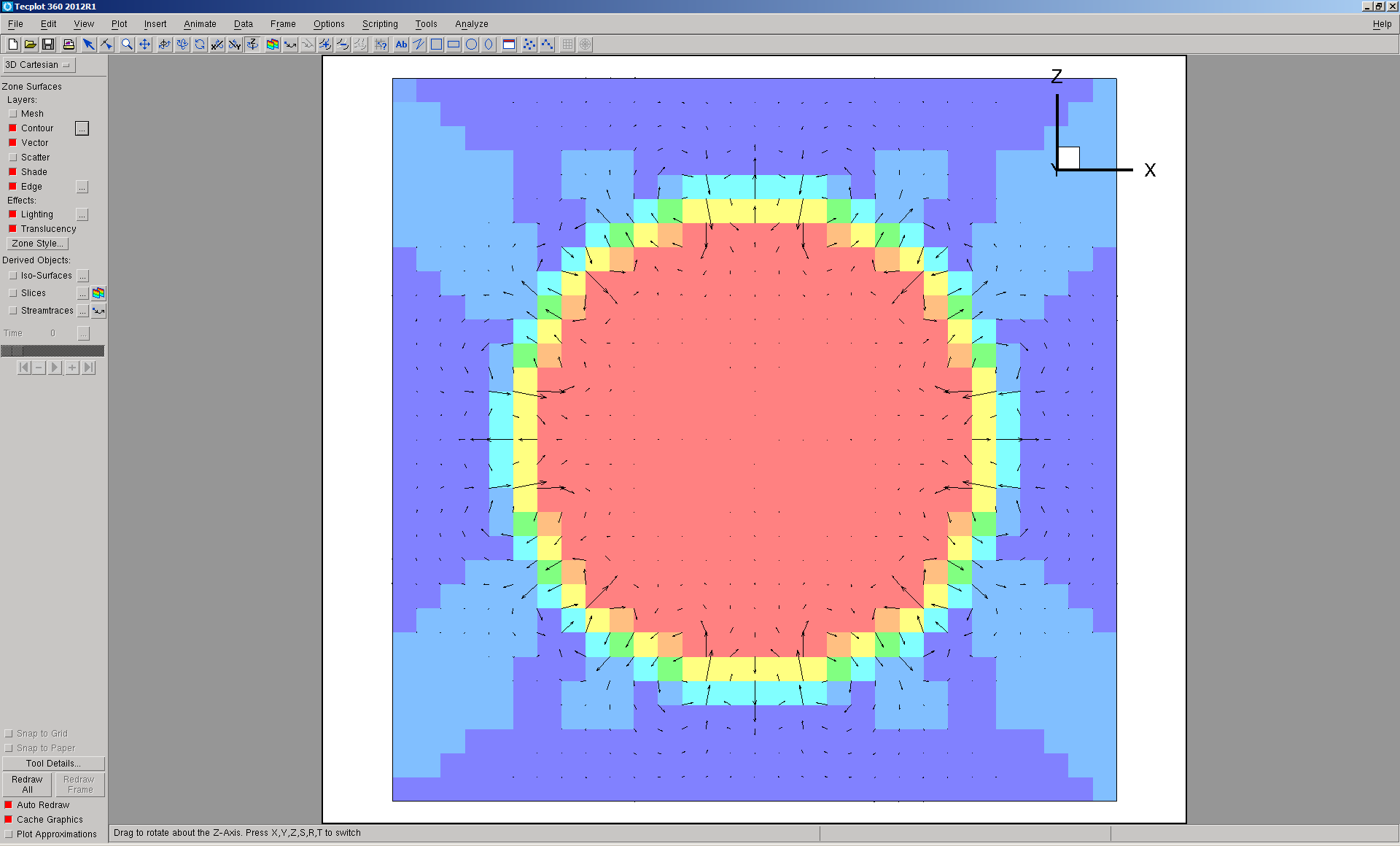
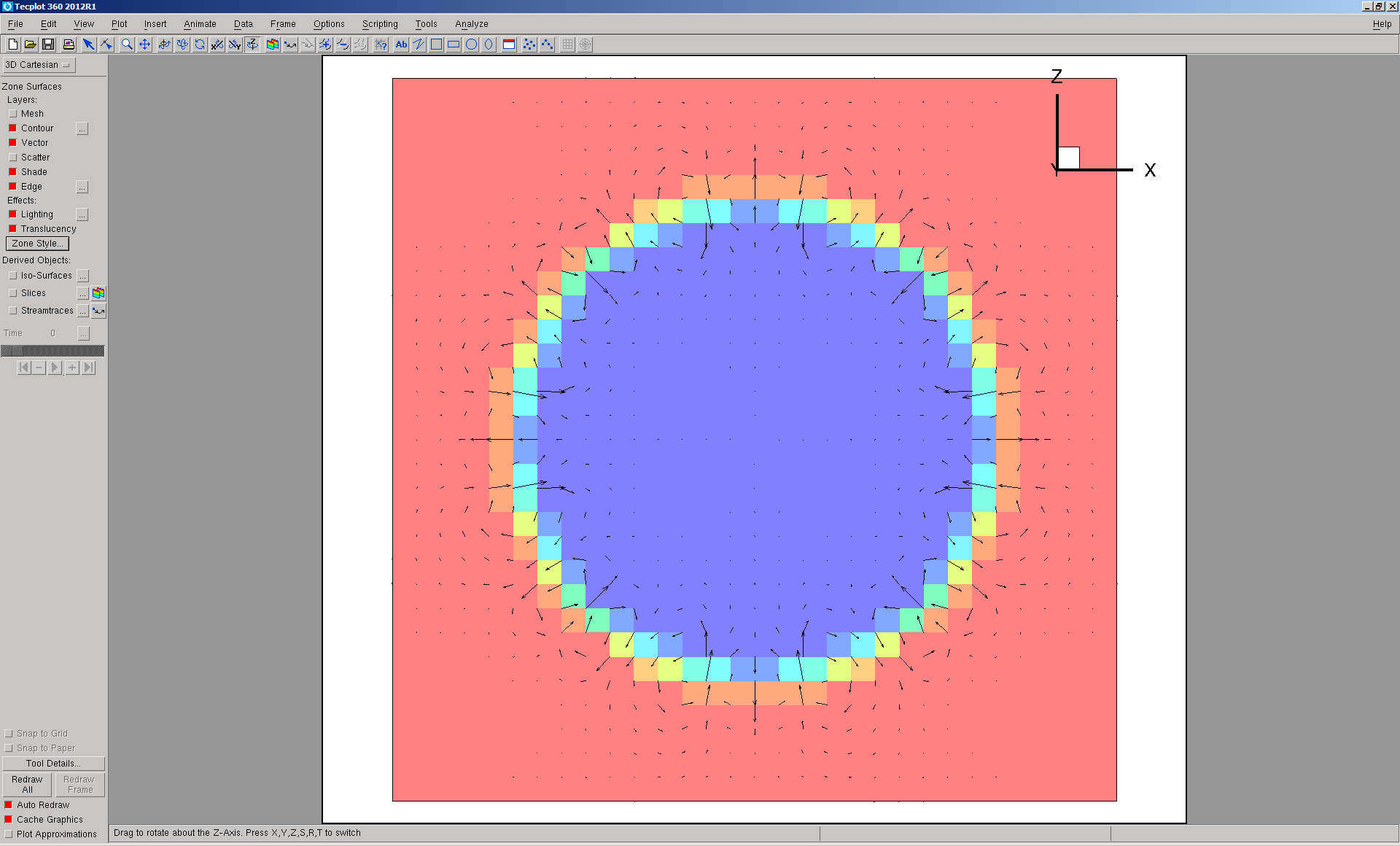
100 time step

Without wall

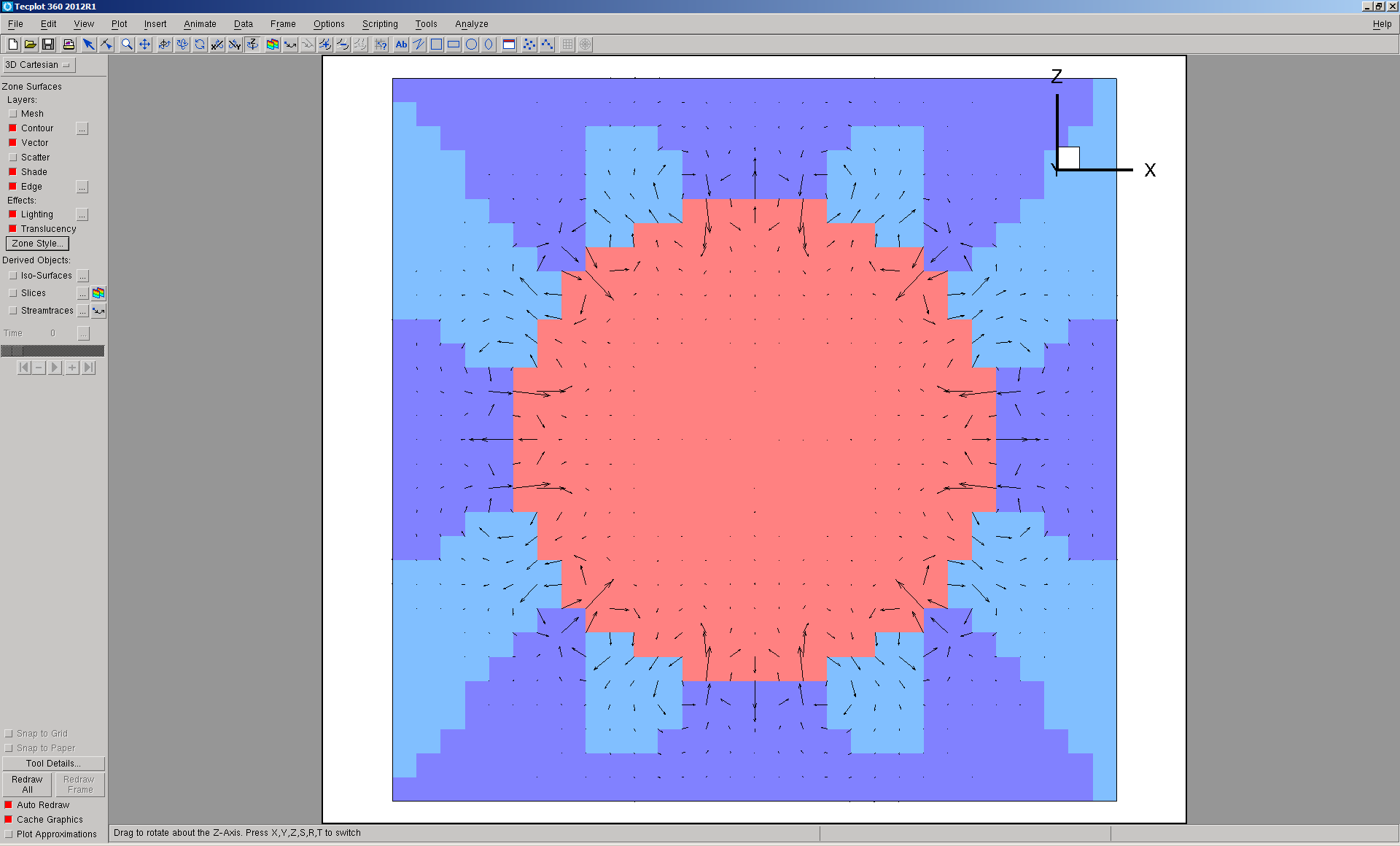
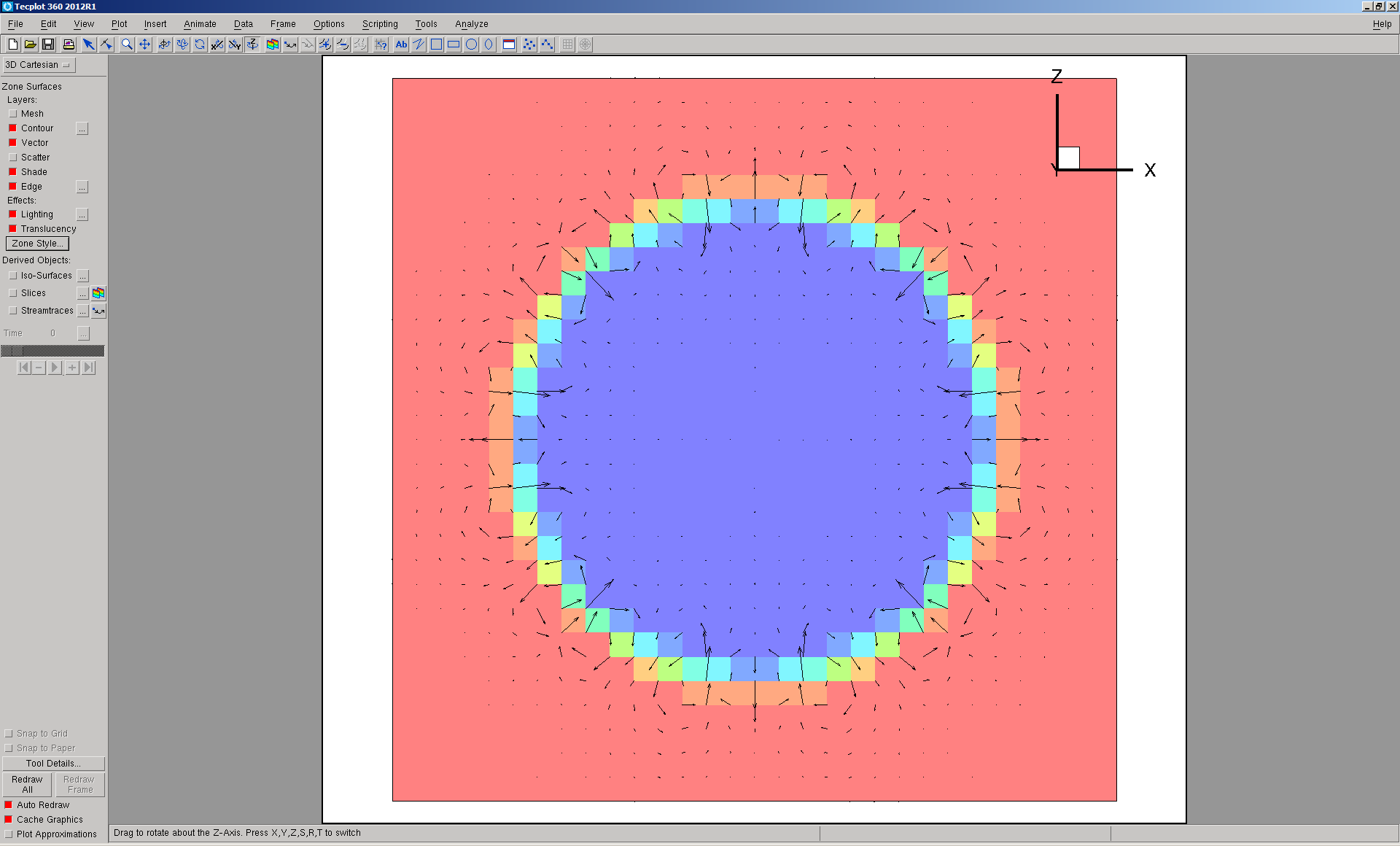
CSF



Color function Pressure

Umax=0.000785495

GFM

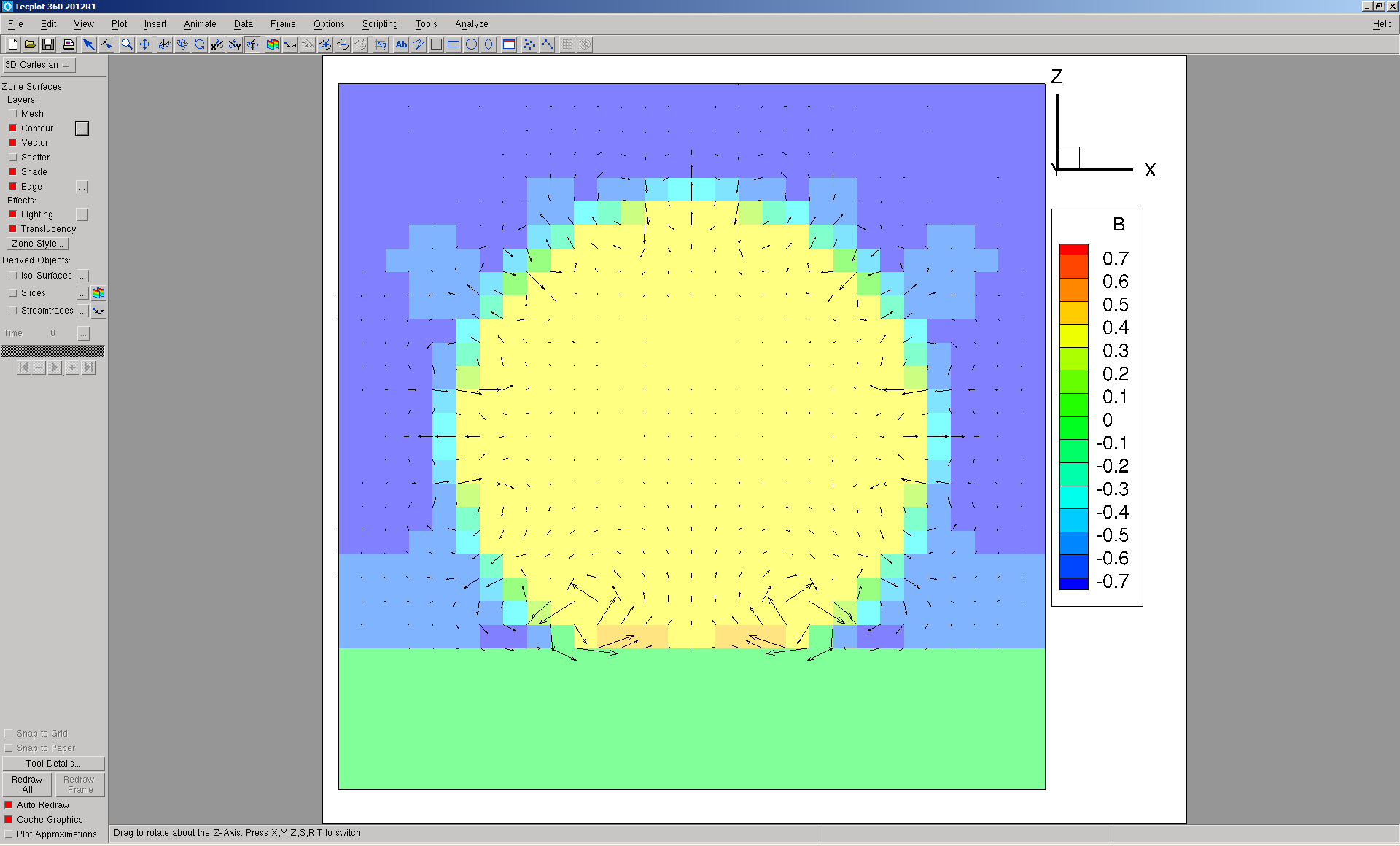


Color function Pressure

Umax = 0.000875163

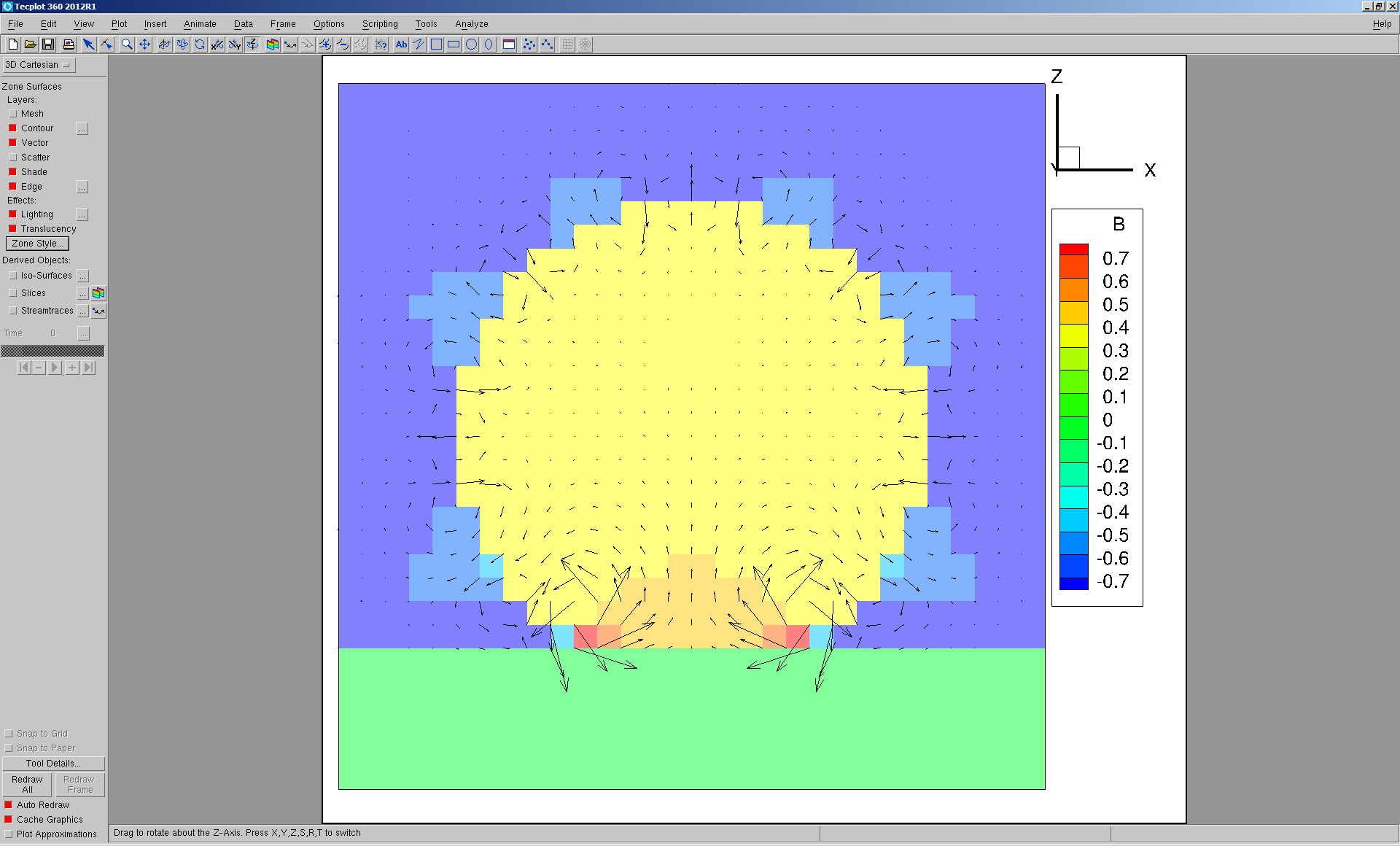
With wall, Contact angle = 0 deg., 100 step

CSF

Pressure distribution

Umax = 0.00241, Wmin=0.0020, Wmax = 0.00074

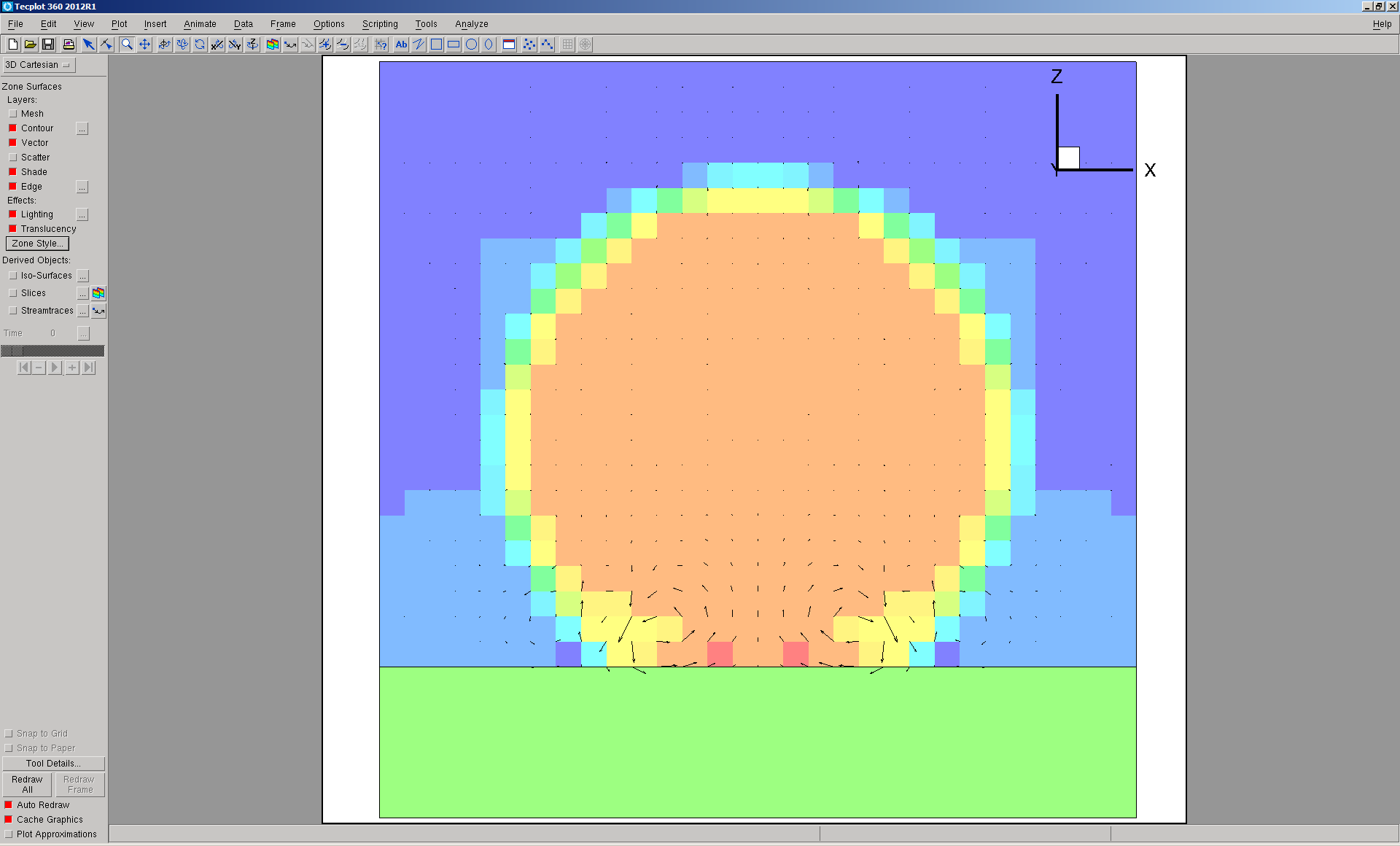
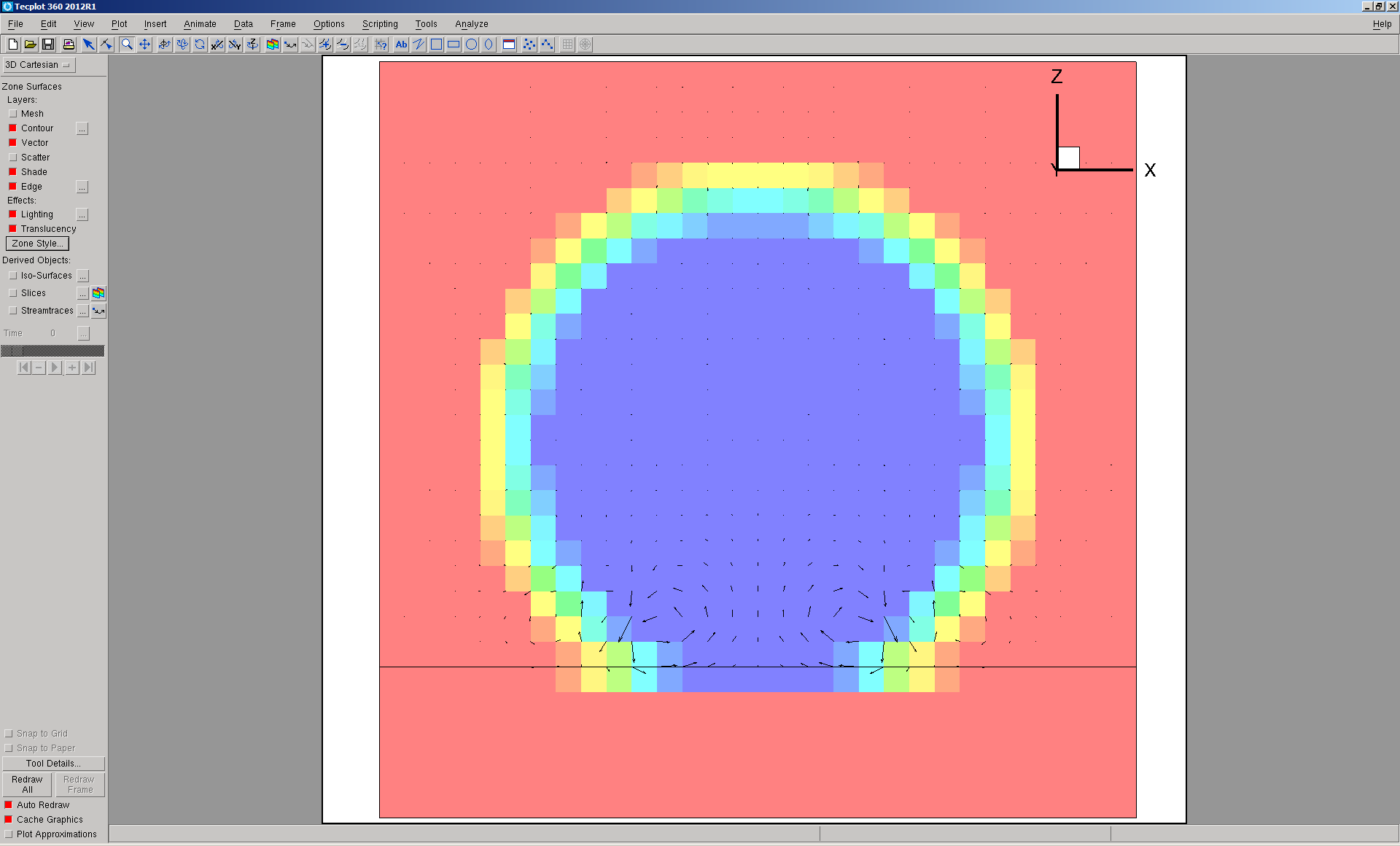
GFM

 Pressure distribution

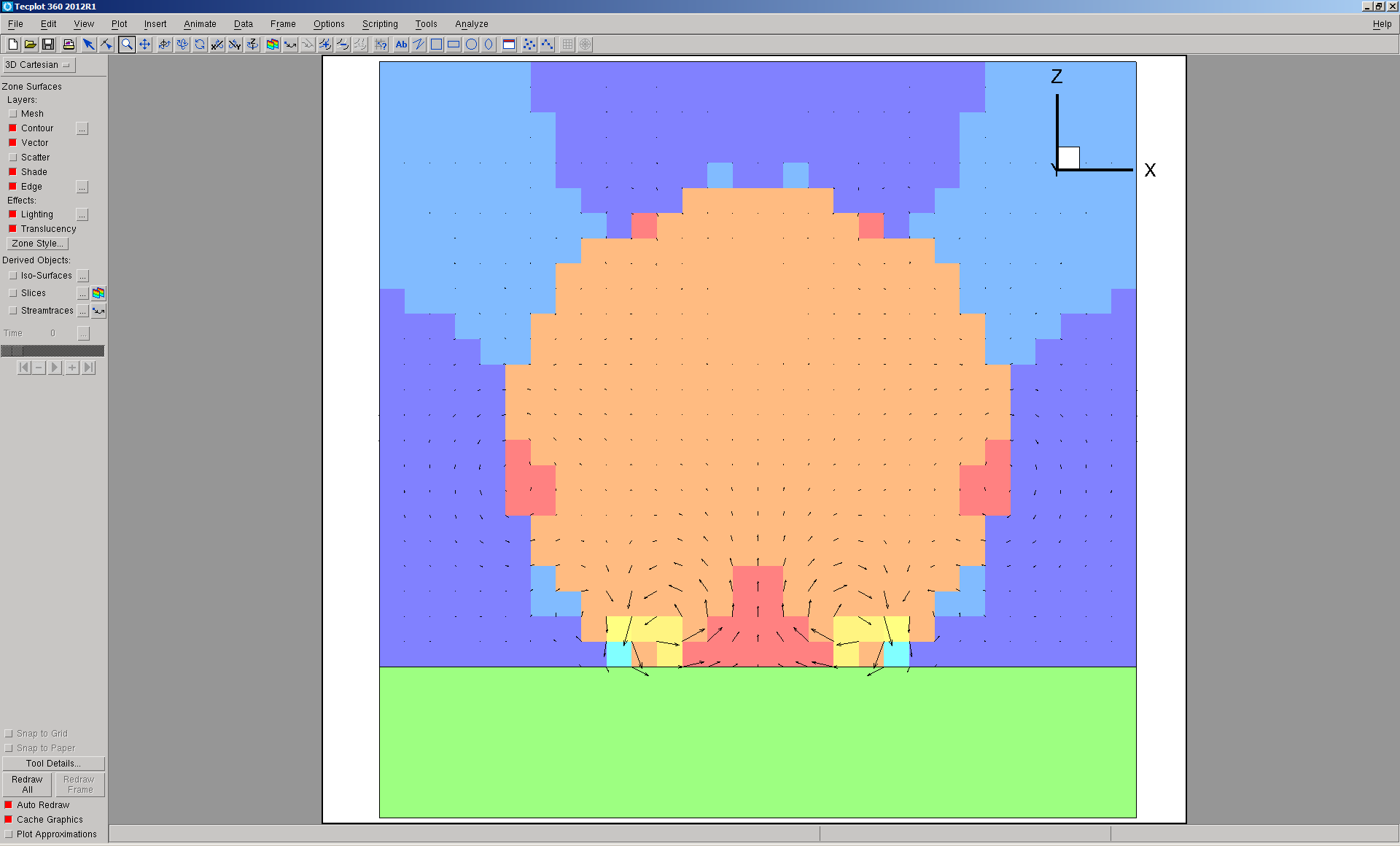
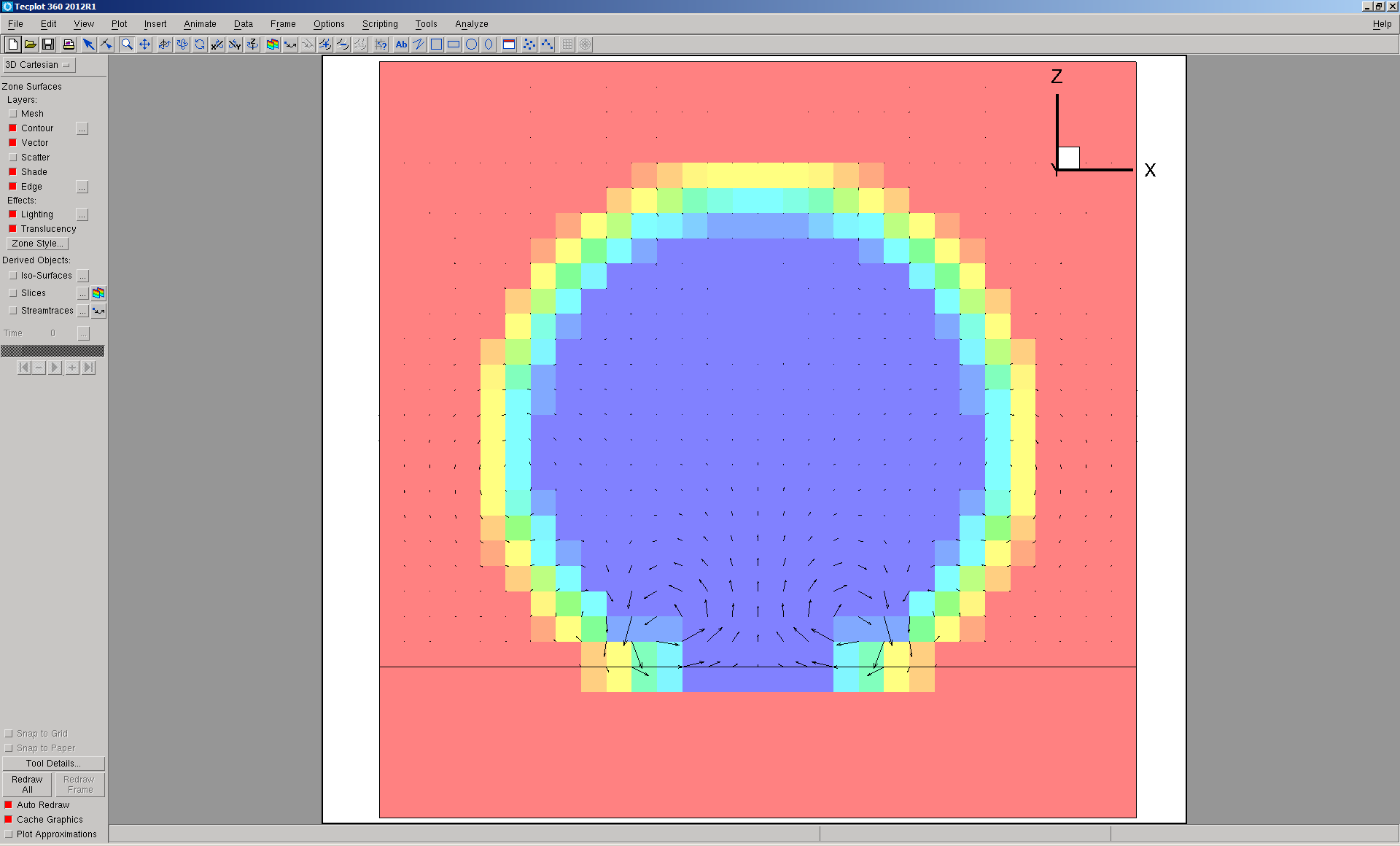
Umax = 0.00402, Wmin=-0.0048, Wmax=0.00220

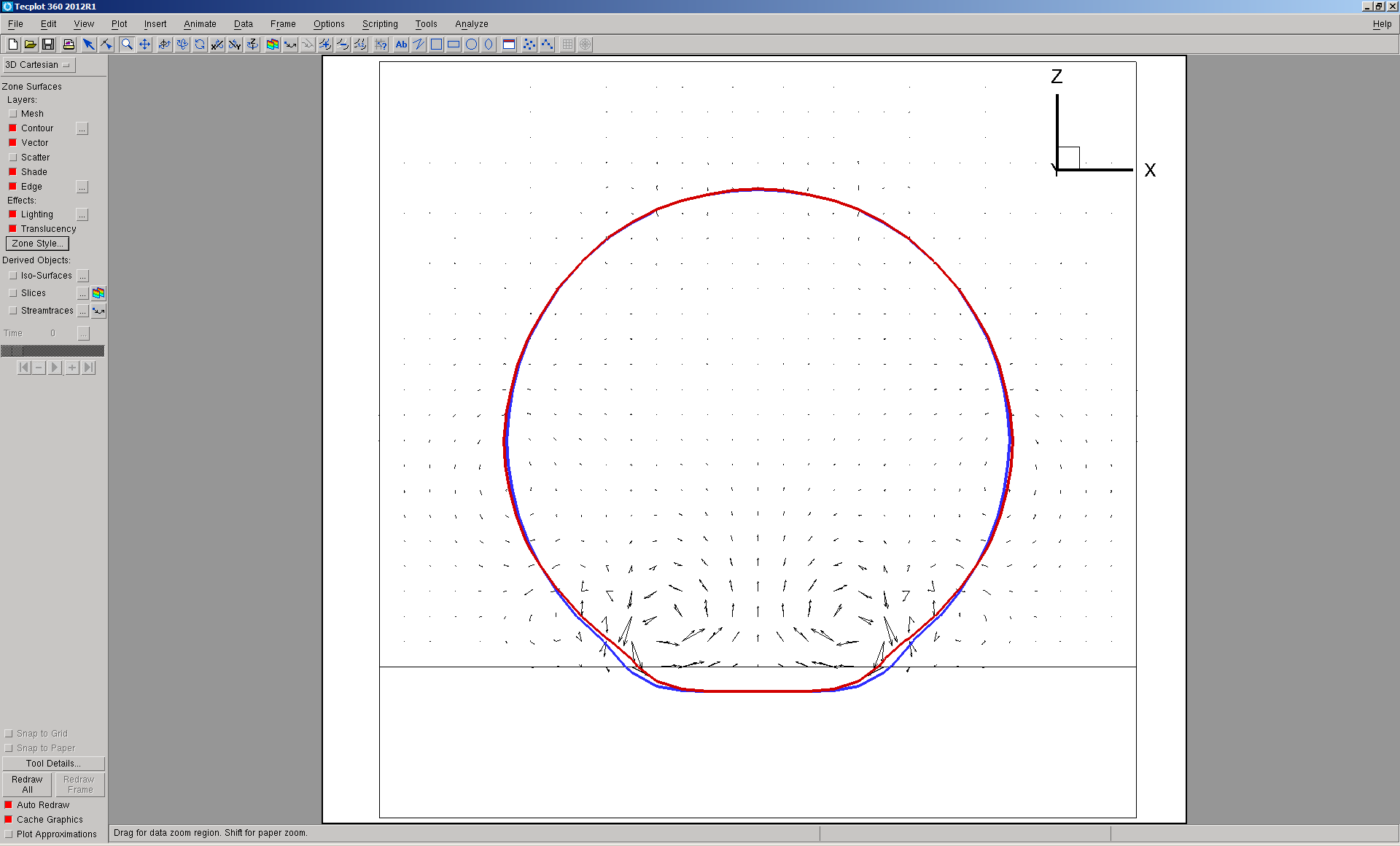
With wall, Contact angle = 0 deg., 3000 step

CSF



GFM, diverges at 3820



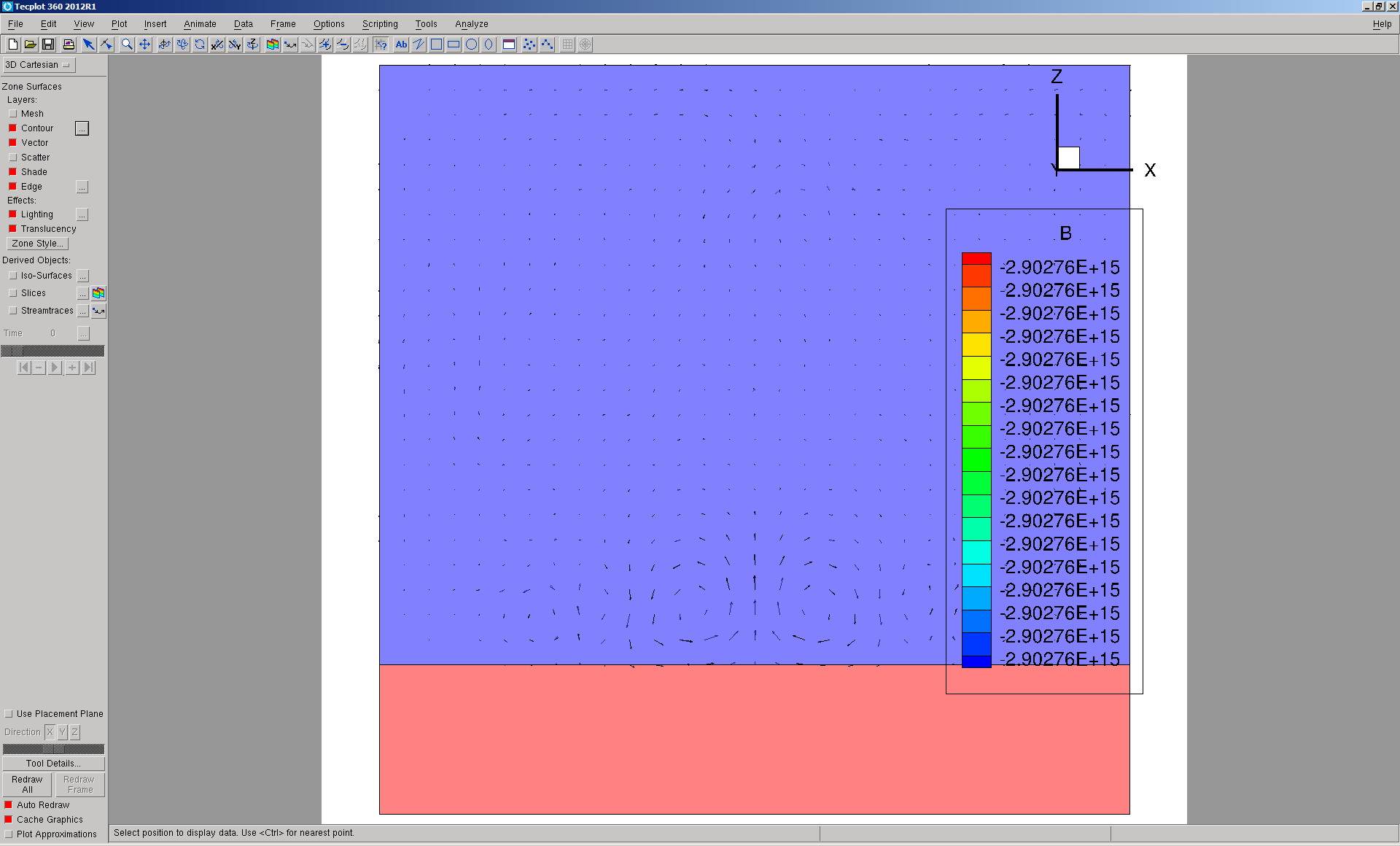
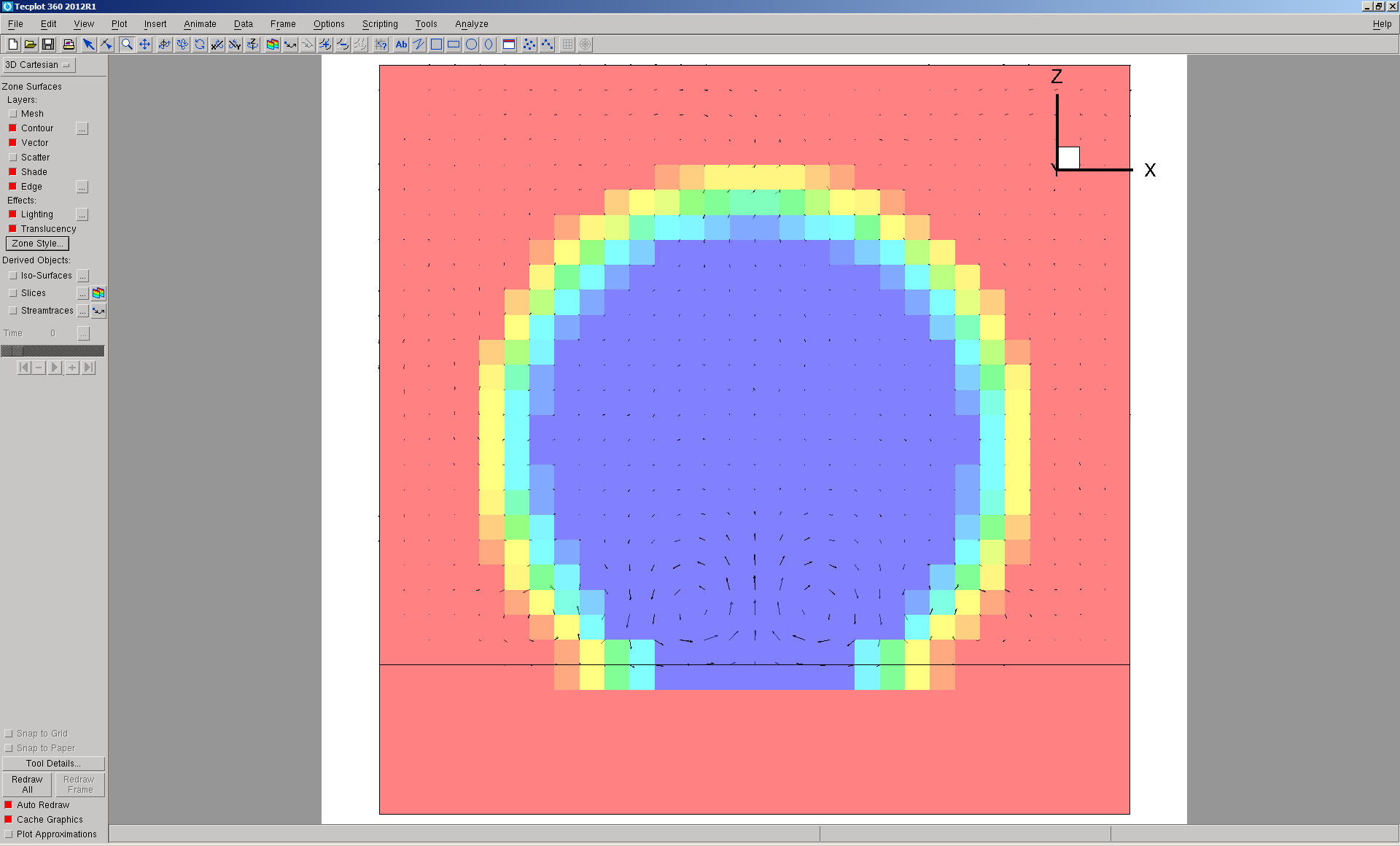


Comparison of bubble shape: CSF blue, GFM red

With wall, Contact angle = 0 deg., 10000 step

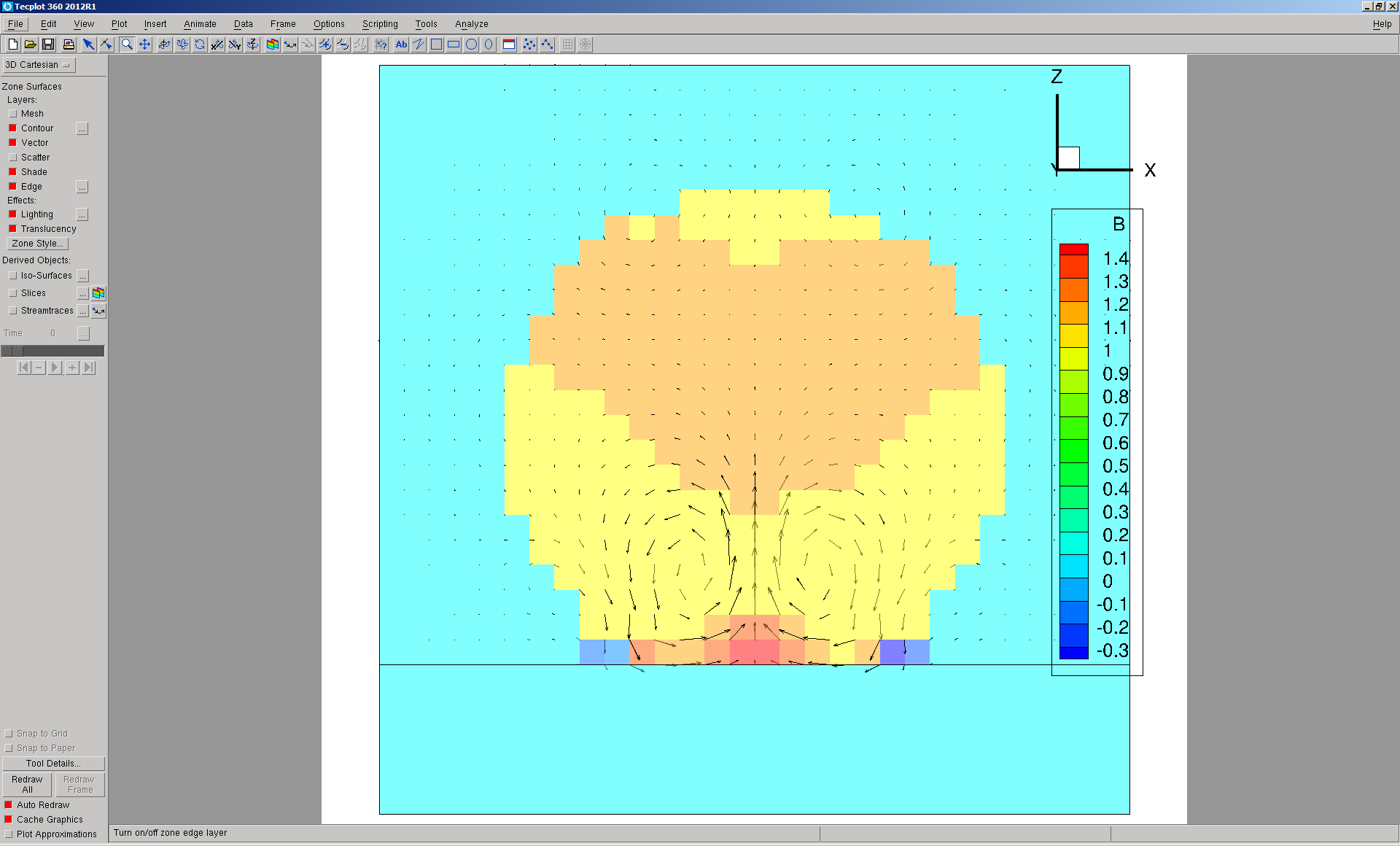
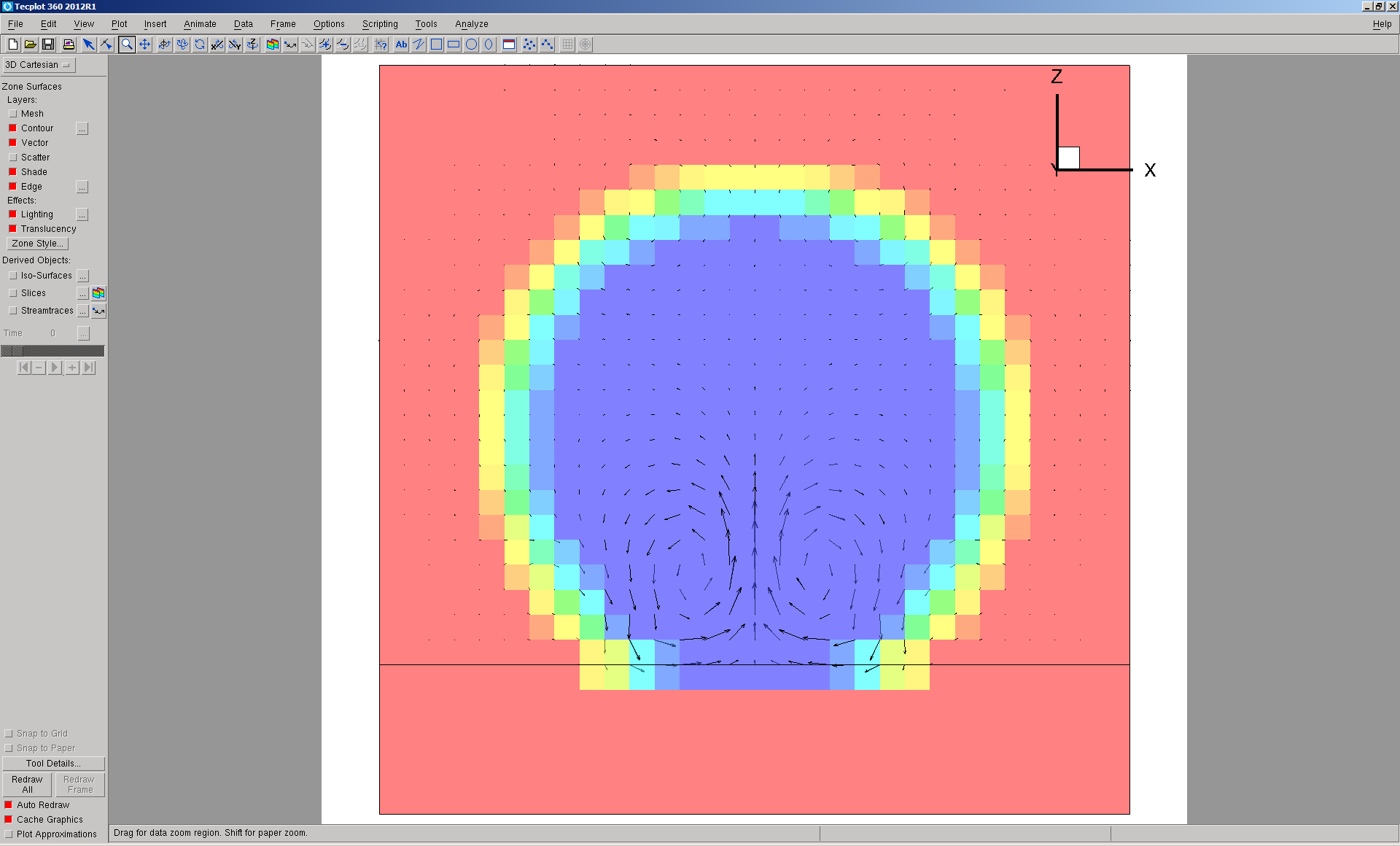
Divergence can be avoided, **when multi-grid is not used for both CSF and GFM**.

CSF

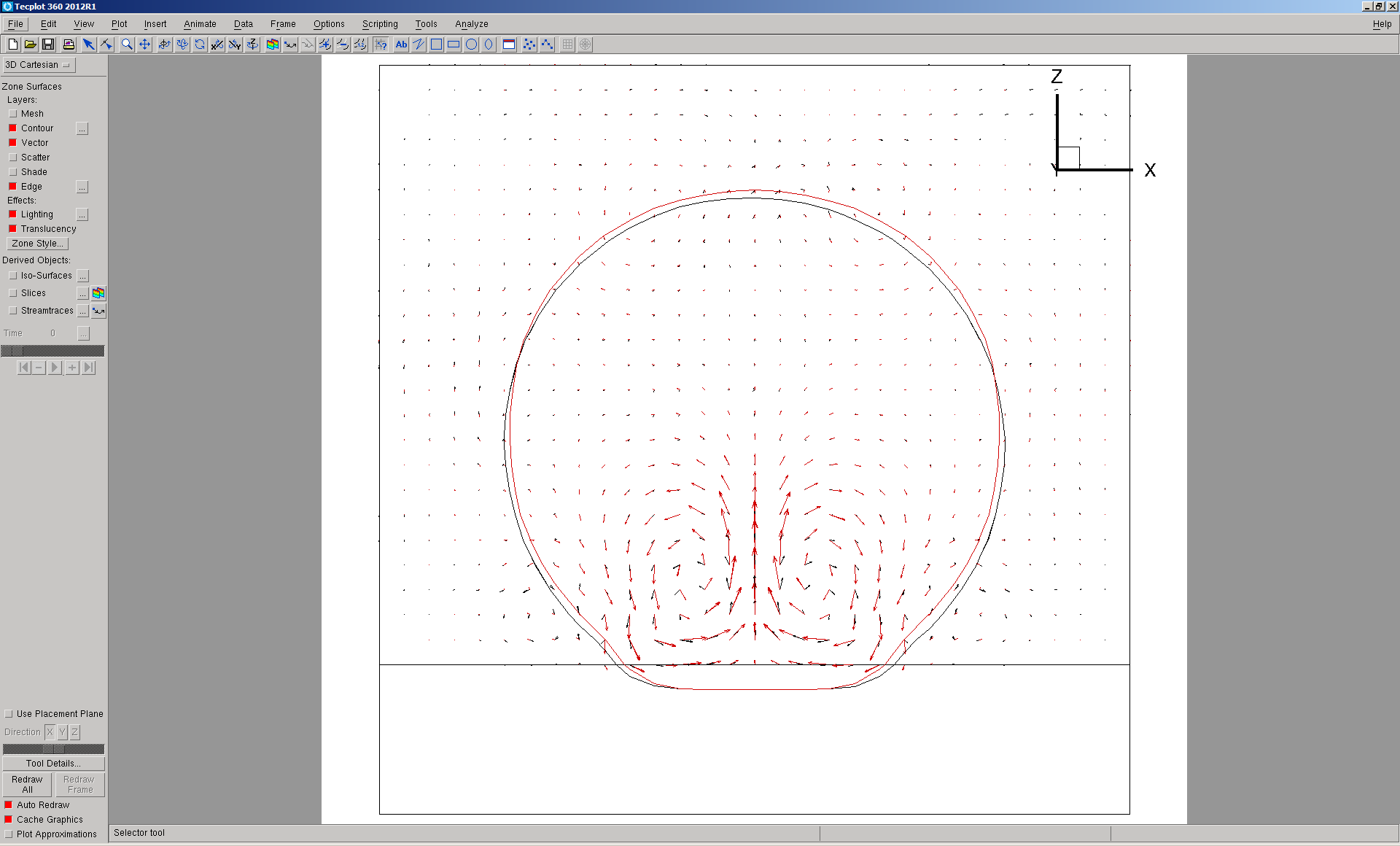


Umax=0.015

GFM



Umax=0.037

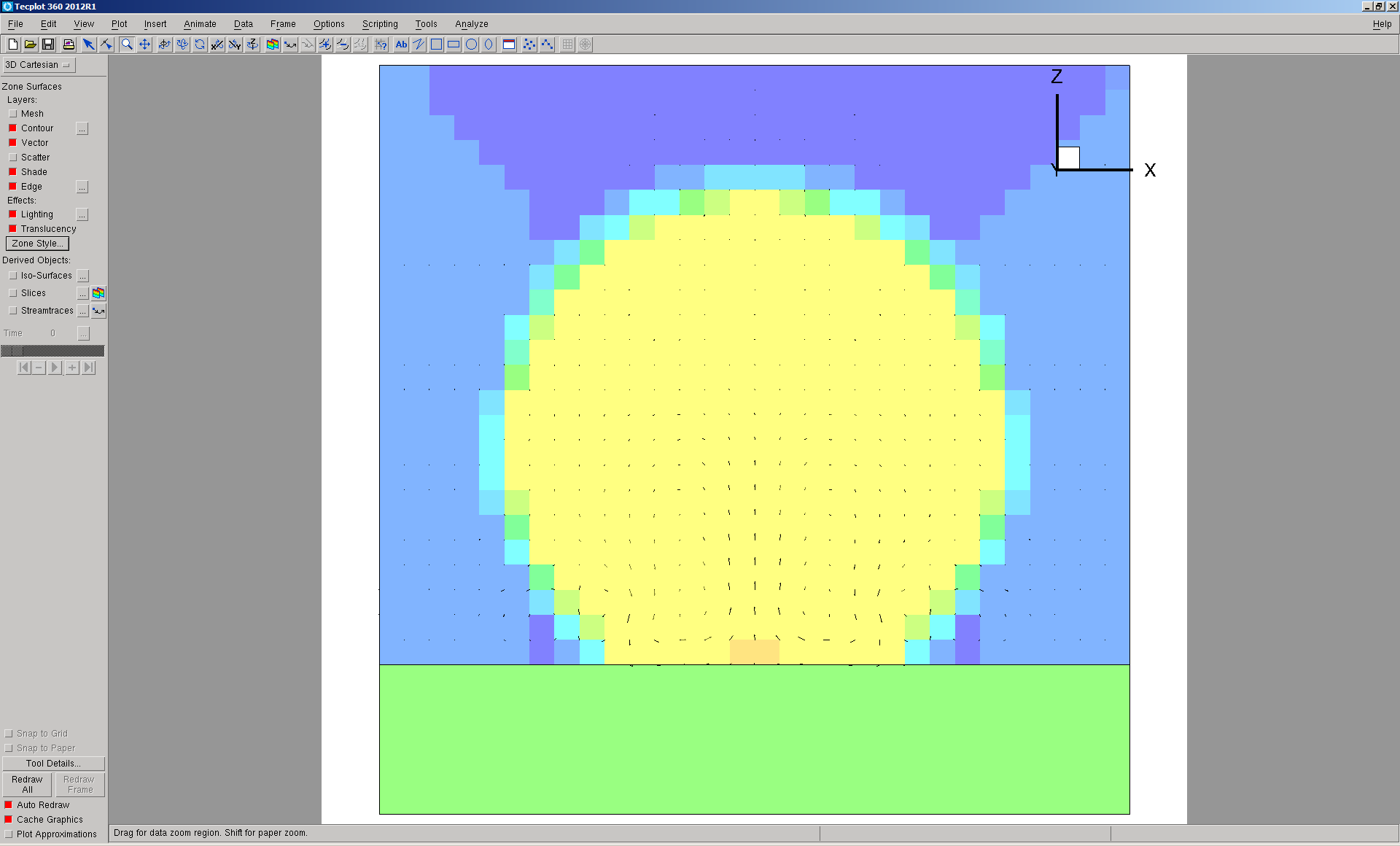
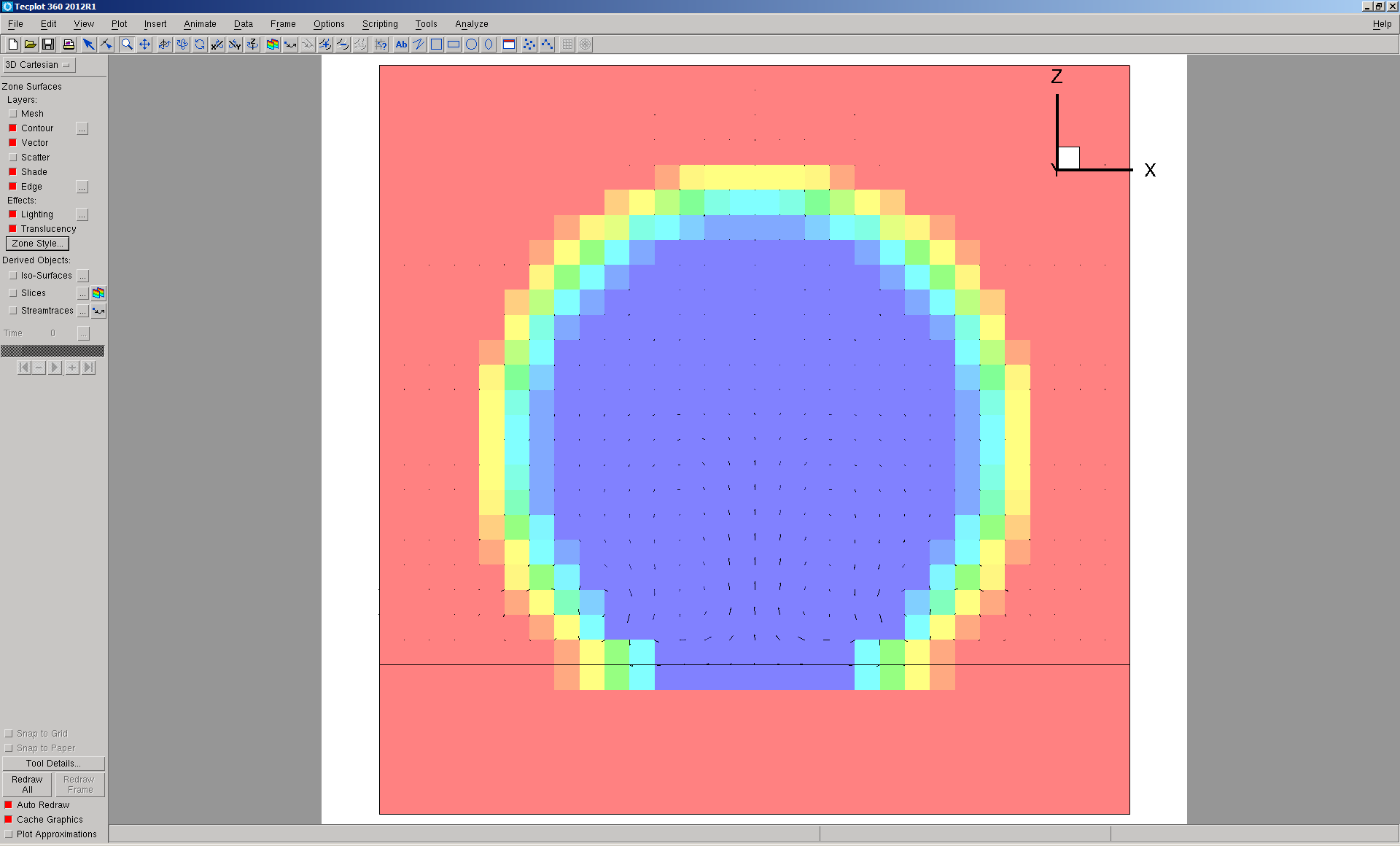


With wall, Contact angle = 0 deg., 10000 step, with middle dt.

dt = 0.1\*pow(air.rho()->value()\*pow(dxmin,3.0)/(2.0\*3.1415\*mixed.sigma()->value()),0.5)

Divergence can be avoided, **when multi-grid is not used for both CSF and GFM**.

CSF



GFM

