



Map factors are ratio of model grid distance to earth grid distance
(FMAPU = 1, FMAPUI = 1)

$$\text{sigma-z} \rightarrow Z^* = H \left[\frac{Z - Z_0}{H - Z_0} \right] = \left[\frac{Z - Z_0}{1 - \frac{Z_0}{H}} \right]$$