Povrchový odtok

$$\frac{h_{i,t}^{sheet} - h_{i,t-1}^{sheet}}{\Delta t} = es_{i,t-1} + \sum_{j}^{m} q(h_{j,t-1}^{sheet}) + \sum_{j}^{m} q(h_{j,t-1}^{rill}) - q(h_{i,t-1}^{sheet}) - inf_{i,t-1}$$

$$h_{i,t}^{sheet\_to\_rill} = MAX(0, h_{i,t}^{sheet} - h_{i,t}^{crit})$$

$$\Delta t_{rill} = \Delta t/n$$

$$\frac{h_{i,t}^{rill} - h_{i,t-1}^{rill}}{\Delta t_{rill}} = h_{i,t}^{sheet\_to\_rill}/\Delta t - q(h_{i,t-1}^{rill})$$