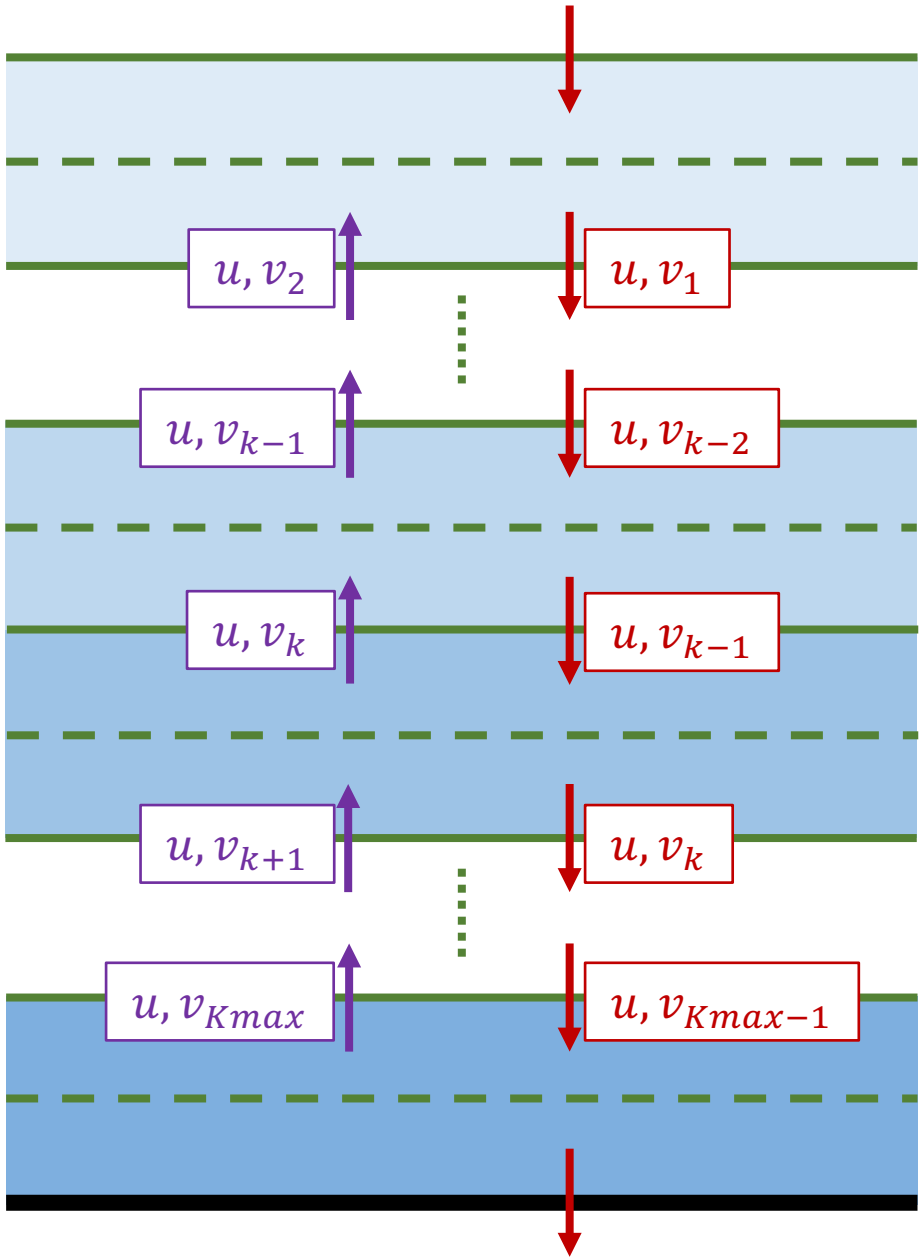
MODEL LAYERS: — —

MODEL LEVELS: ——



$$m_0 = 0$$

$$u_1, v_1, dp_1, q_1^n \rightarrow q_1^{n+1}$$

$$m_1 = dp_1(q_1^n - q_1^{n+1})$$

$$m_{k-2} = m_{k-3} + dp_{k-2}\left(q_{k-2}^n - q_{k-2}^{n+1}\right)$$

$$u_{k-1}, v_{k-1}, dp_{k-1}, q_{k-1}^n \rightarrow q_{k-1}^{n+1}$$

$$m_{k-1} = m_{k-2} + dp_{k-1}\left(q_{k-1}^n - q_{k-1}^{n+1}\right)$$

$$u_k, v_k, dp_k, q_k^n \rightarrow q_k^{n+1}$$

$$m_k = m_{k-1} + dp_k\left(q_k^n - q_k^{n+1}\right)$$

$$m_{Kmax-1} = m_{Kmax-2} + dp_{Kmax-1}(q_{Kmax-1}^n - q_{Kmax-1}^{n+1})$$

$$u_{Kmax}, v_{Kmax}, dp_{Kmax}, q_{Kmax}^n \rightarrow q_{Kmax}^{n+1}$$

$$m_{Kmax} = m_{Kmax-1} + dp_{Kmax}(q_{Kmax}^n - q_{Kmax}^{n+1}) = Precipitation$$