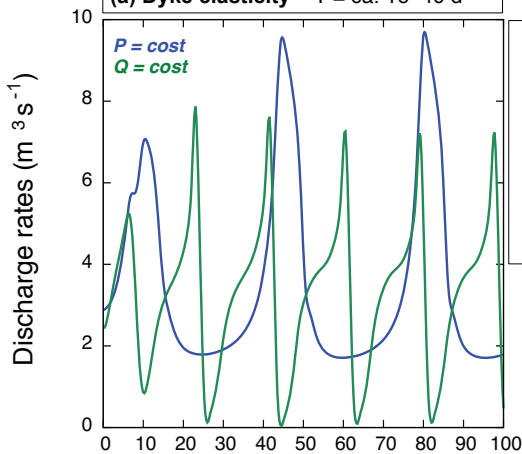


(a) Dyke elasticity T = ca. 16–40 d



Shallow dyke

$$2a = 400 \text{ m}$$

$$2b = 2 \text{ m}$$

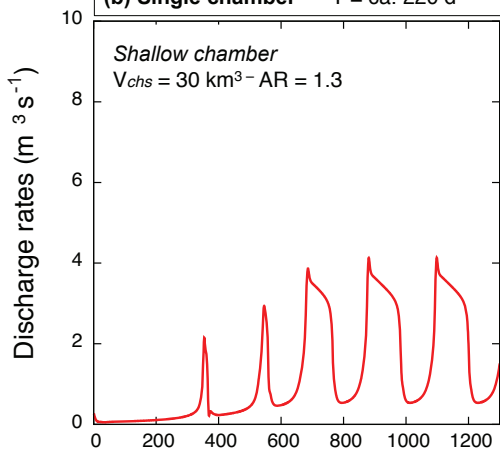
$$L_d = 6000 \text{ m}$$

Upper cylinder

$$D = 30 \text{ m}$$

$$TL = 1300 \text{ m}$$

(b) Single chamber T = ca. 220 d



Shallow dyke

$$2a = 600 \text{ m}$$

$$2b = 4 \text{ m}$$

$$L_d = 6500 \text{ m}$$

Upper cylinder

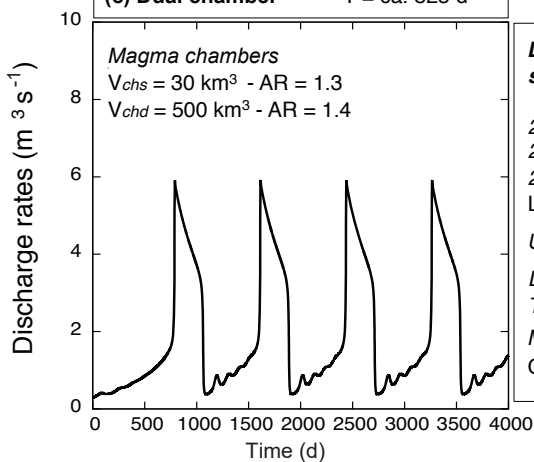
$$D = 30 \text{ m}$$

$$TL = 1000 \text{ m}$$

Magma influx

$$Q_{in,s} = 2.3 \text{ m}^3 \text{ s}^{-1}$$

(c) Dual chamber T = ca. 825 d



Deep dyke – shallow dyke

$$2a_{0d} = 500 \text{ m}$$

$$2a = 260 \text{ m}$$

$$2b = 4 \text{ m}$$

$$L_d = 6500 \text{ m}$$

Upper cylinder

$$D = 30 \text{ m}$$

$$TL = 1000 \text{ m}$$

Magma influx

$$Q_{in,d} = 2.3 \text{ m}^3 \text{ s}^{-1}$$