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Regime

Description

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Swash

$$R_{\text{high}} < D_{\text{low}}$$

Collision

$$D_{\text{high}} > R_{\text{high}} > D_{\text{low}}$$

Overwash

$$R_{\text{high}} > D_{\text{high}}$$

Inundation

$$R_{\text{low}} > D_{\text{high}}$$

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