

Hvaðan stavar Sjóvarfallið ?

Bogi Hansen
Fiskirannsóknarstovan

Fjøra

Streymur

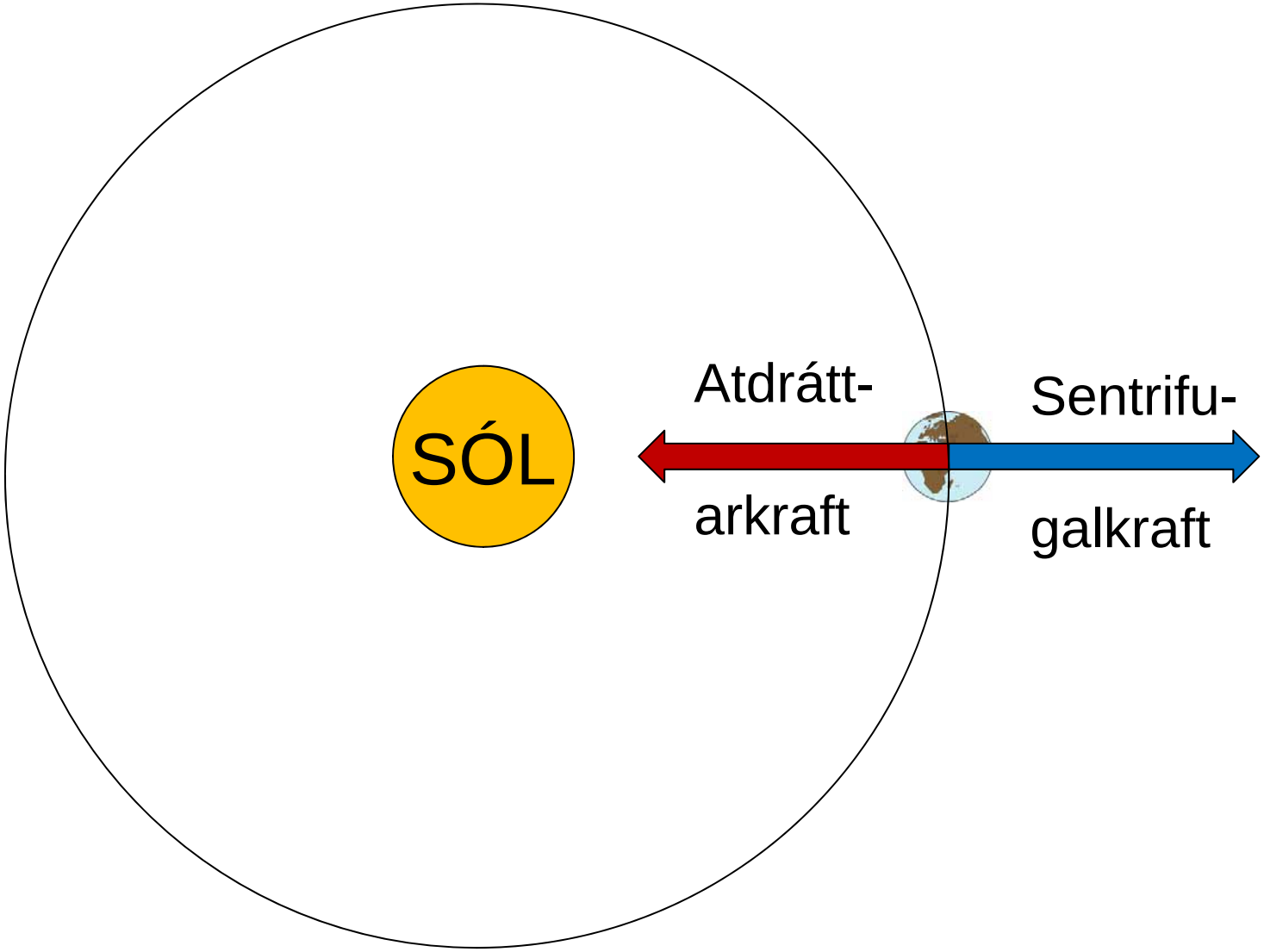
© Bogi Hansen, Havstovan

Sjóvarfallið stavar frá

Mána og Sól

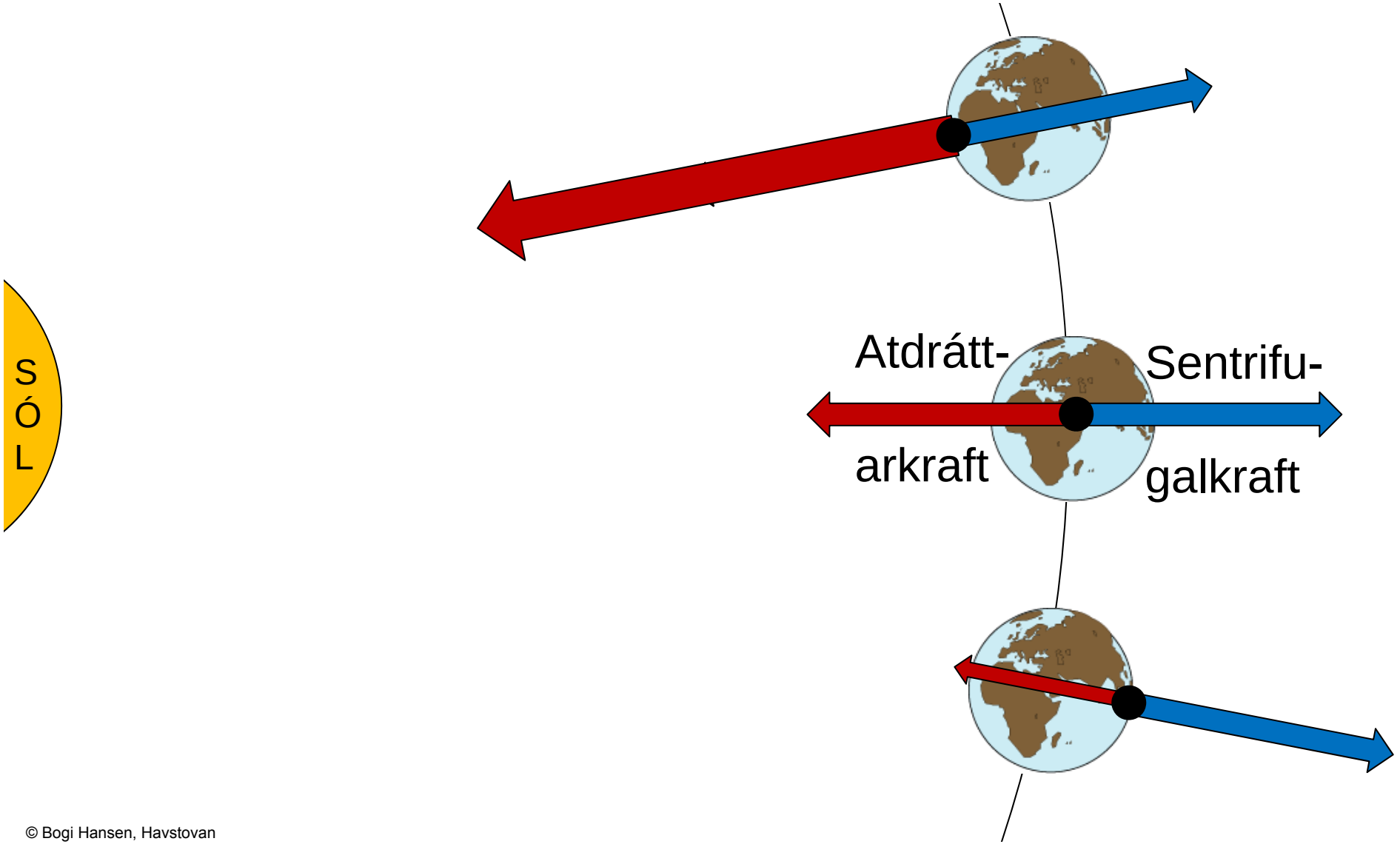
© Bogi Hansen, Havstovan

Sjóvarfallið frá sólini



© Bogi Hansen, Havstovan

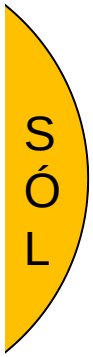
Sjóvarfallið frá sólini

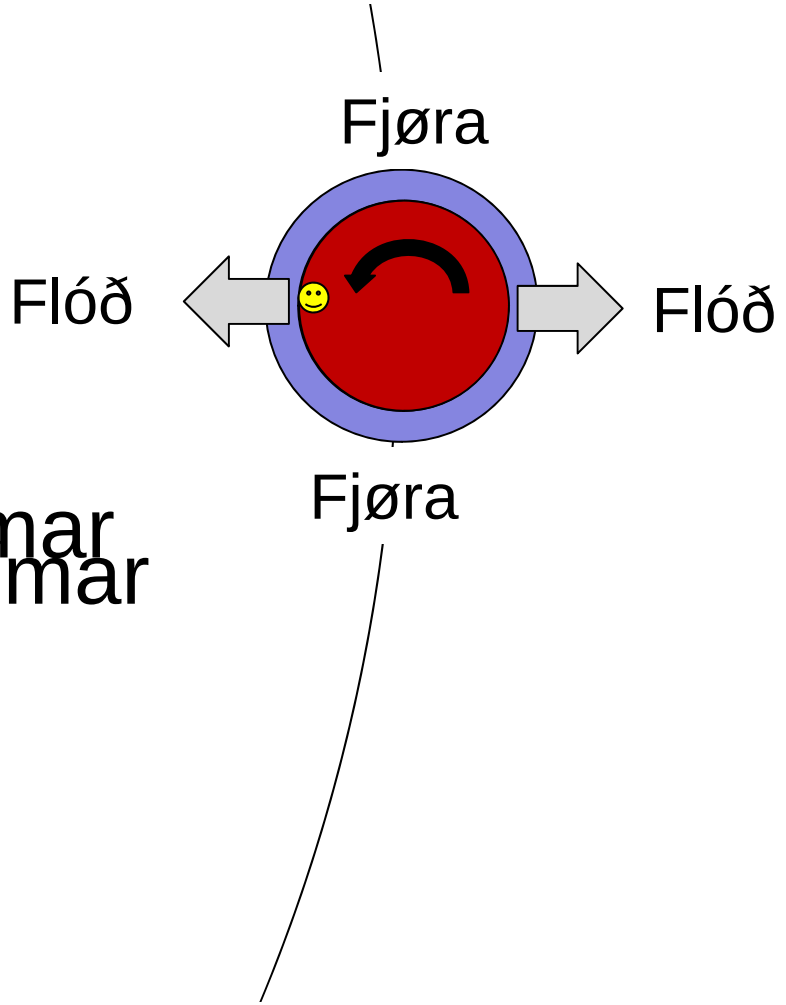


© Bogi Hansen, Havstovan

Sjóvarfalskraftin frá sólini

á eini jørð við djúpum havi

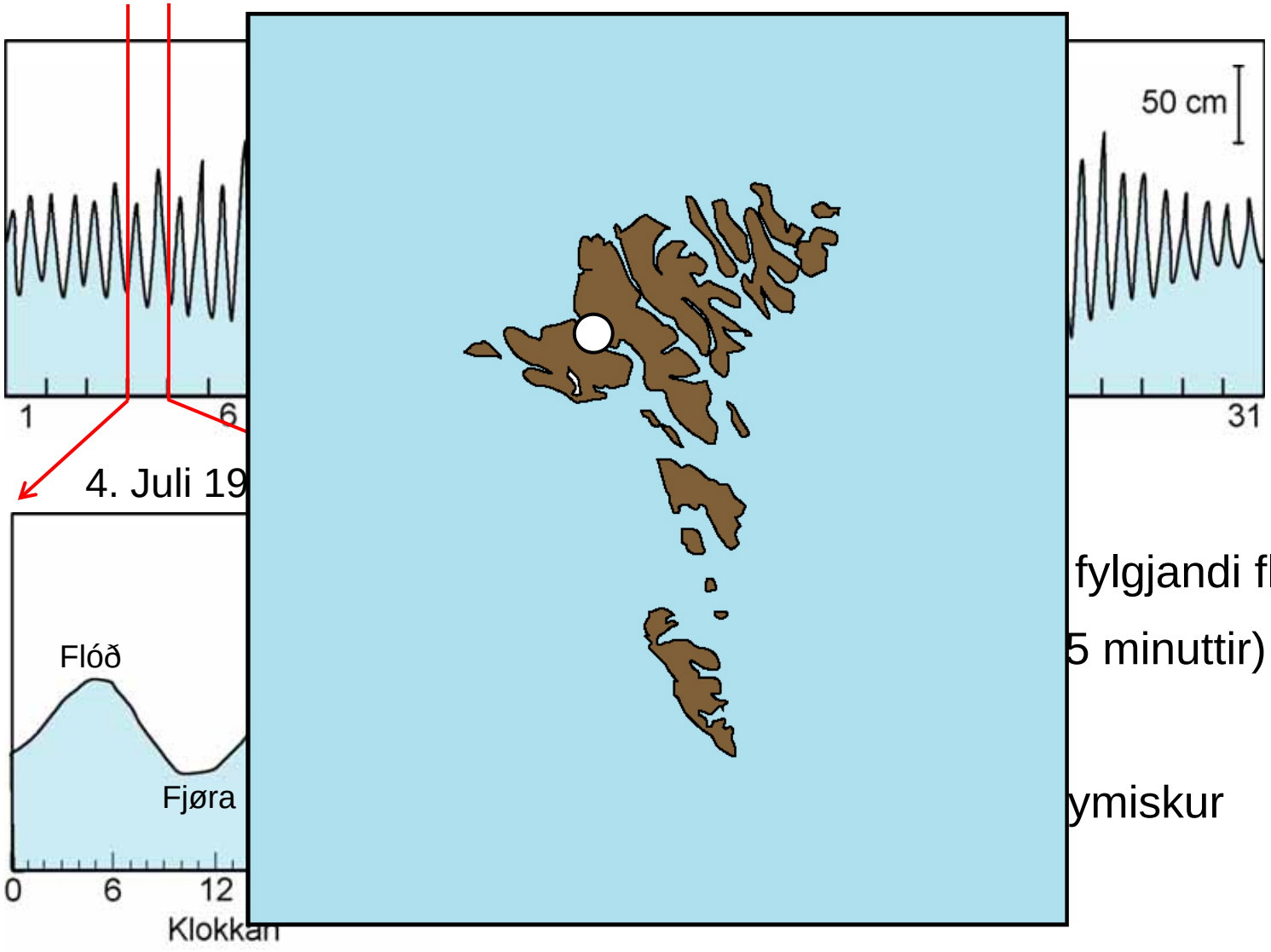




Klokkan 12: Flóð
Klokkan 18: Fjøra } 6 tímar
Klokkan 24: Flóð } 12 tímar
Klokkan 06: Fjøra
Klokkan 12: Flóð

© Bogi Hansen, Havstovan

Vatnskorpuhædd við Oyrargjógv juli 1990



fylgjandi flóðir

5 minuttir)

ymiskur

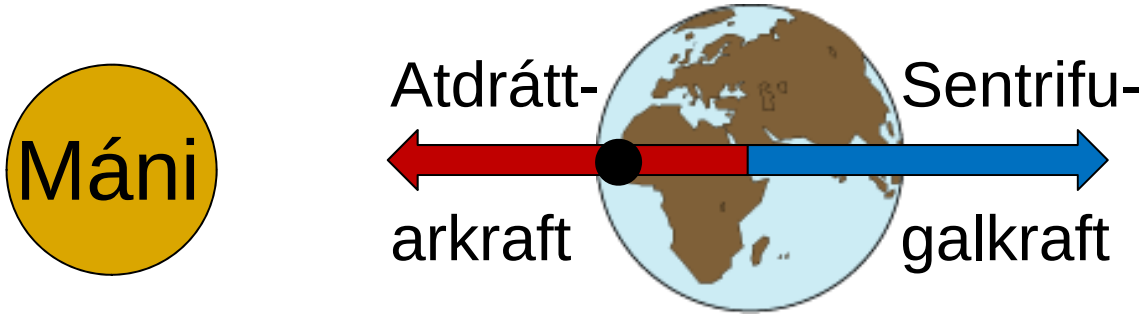
© Bogi Hansen, Havstovan

Sjóvarfallið stavar frá

Mána og Sól

© Bogi Hansen, Havstovan

Sjóvarfallið frá mánanum

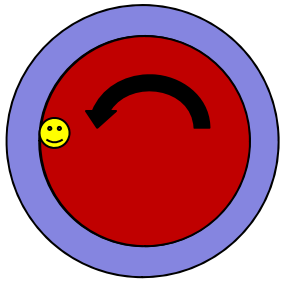


Kraftin frá mánanum er dupult so sterk sum frá sólini

© Bogi Hansen, Havstovan

Sjóvarfalskraftin frá mánanum

Máni



12 tímar og
25 minuttir

12 tímar

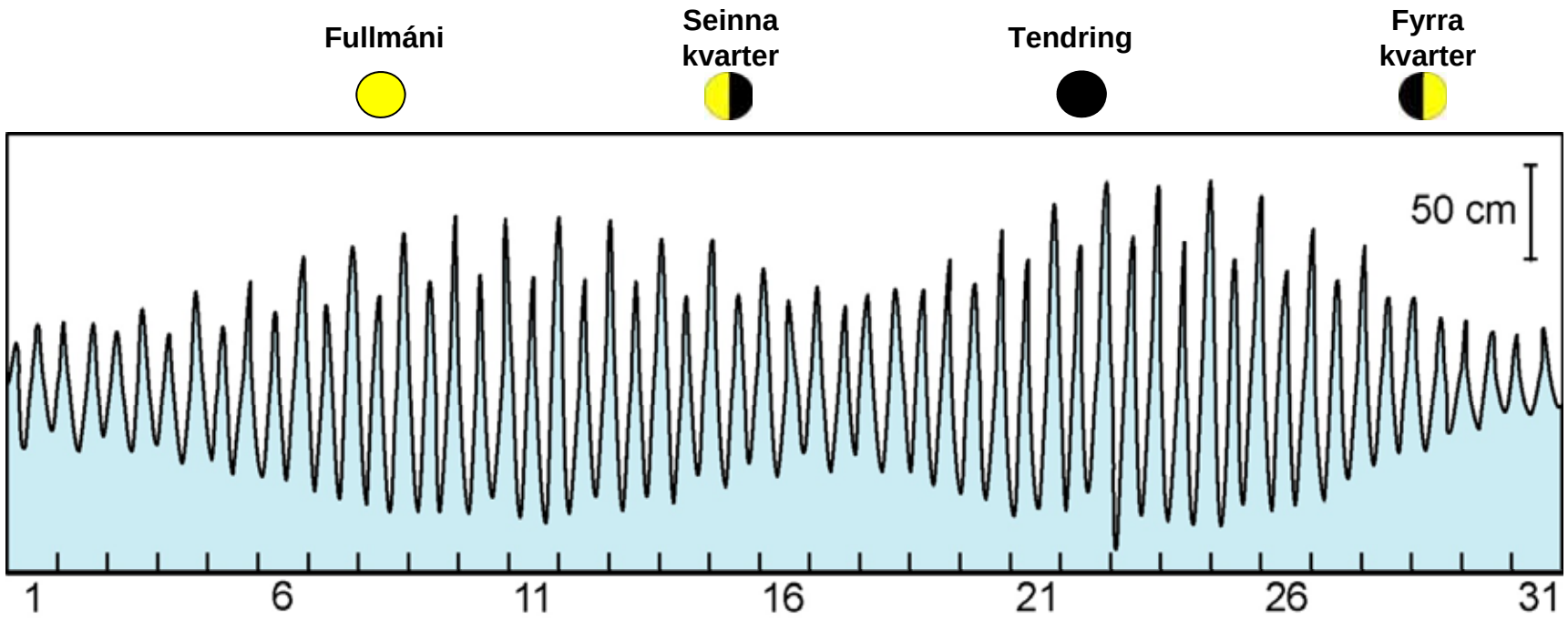
© Bogi Hansen, Havstovan

Sjóvarfalskraftin og mánafasan



© Bogi Hansen, Havstovan

Vatnskorpuhædd við Oyrargjógv juli 1990



Sjóvarfallið er 2-3 dagar seinkað í mun til mánafasuna

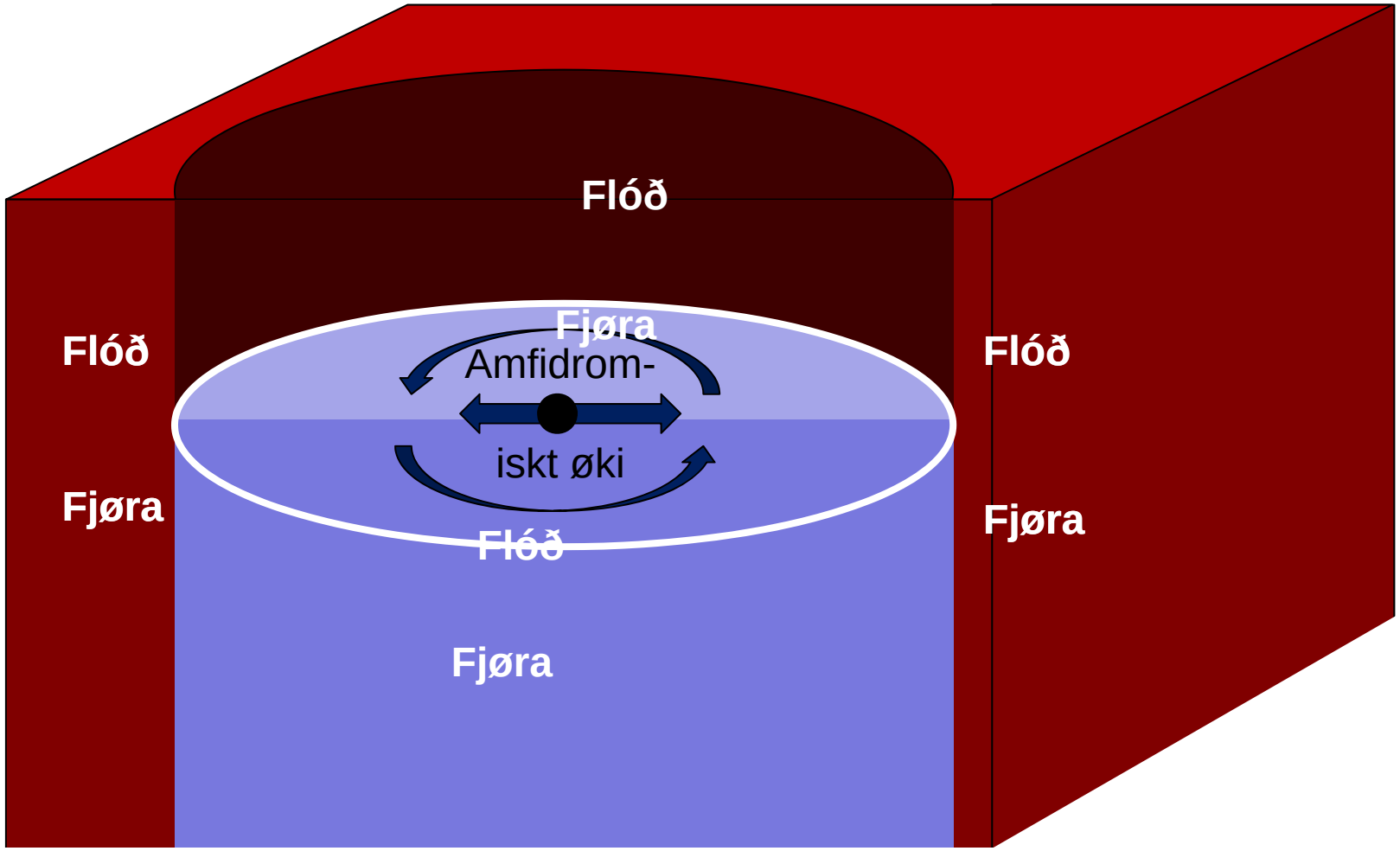
© Bogi Hansen, Havstovan

Men, Jørðin er ikki bara hav



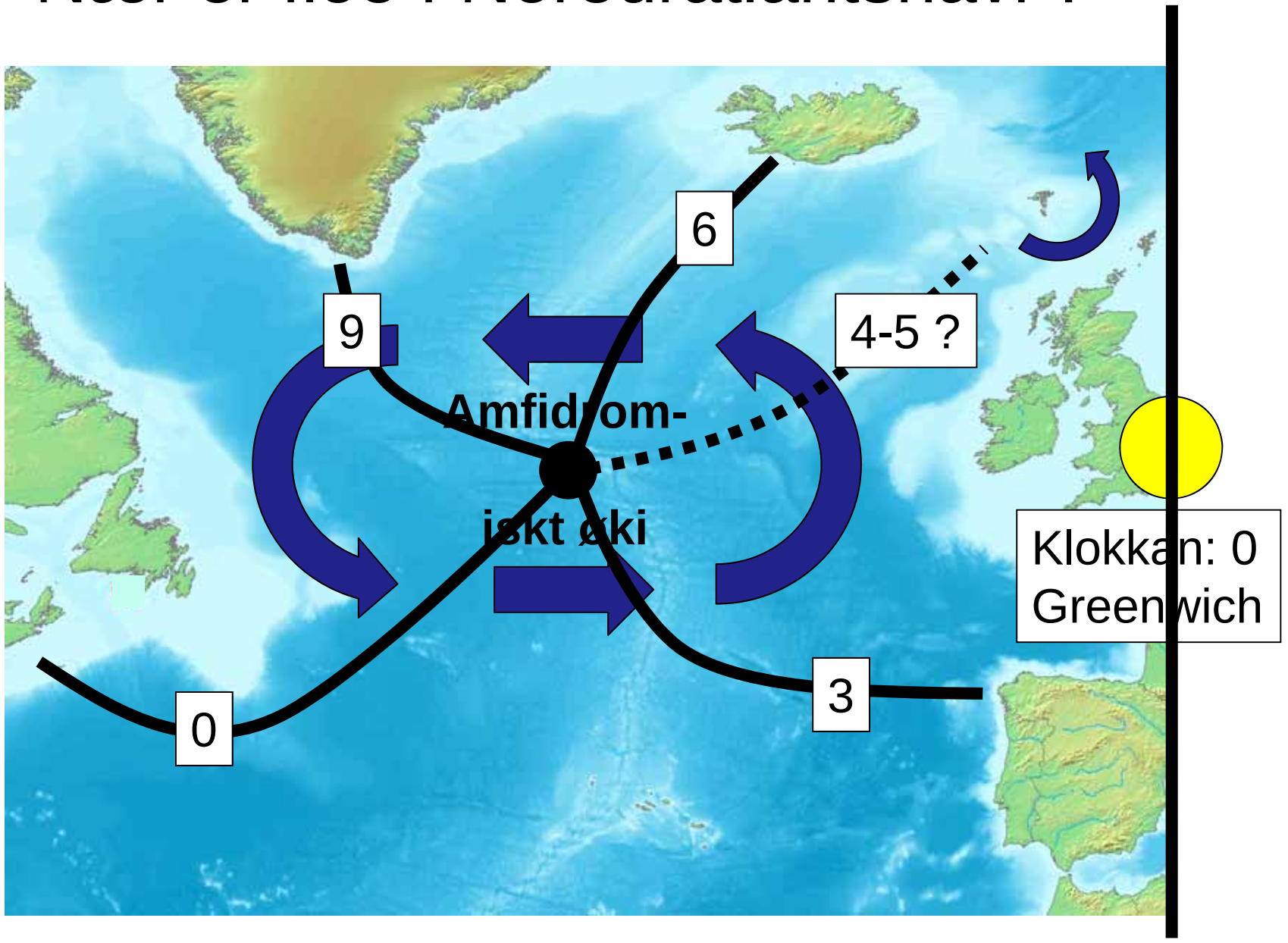
© Bogi Hansen, Havstovan

Eitt runt hav á norðaru hálvu
Corioliskraftin fær sjóvarfalsalduna at mala



© Bogi Hansen, Havstovan

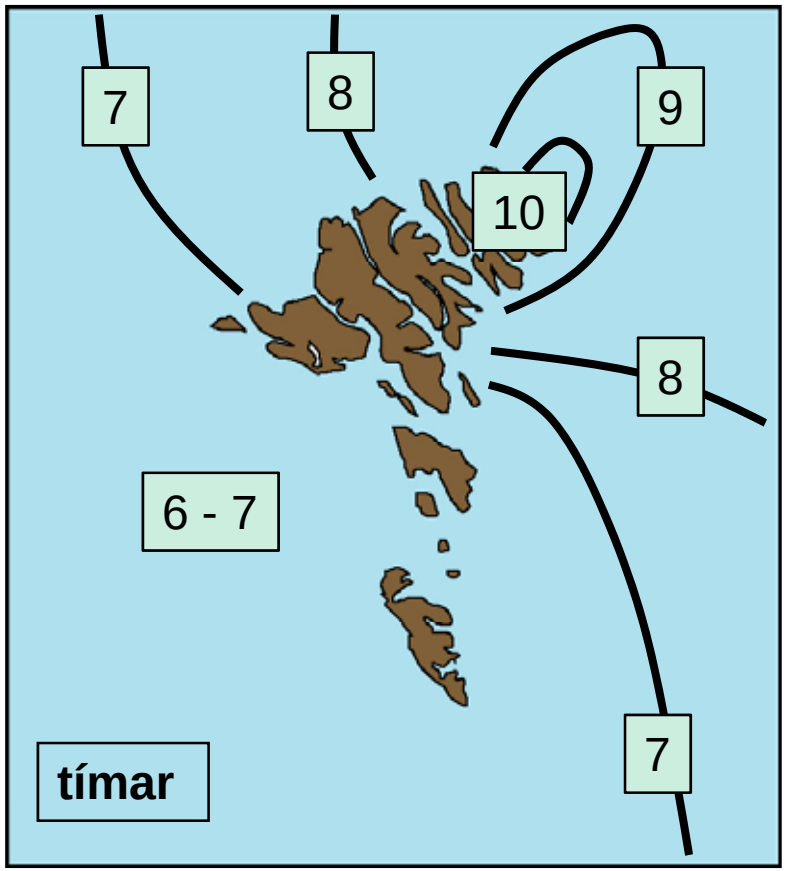
Nær er flóð í Norðuratlantshavi ?



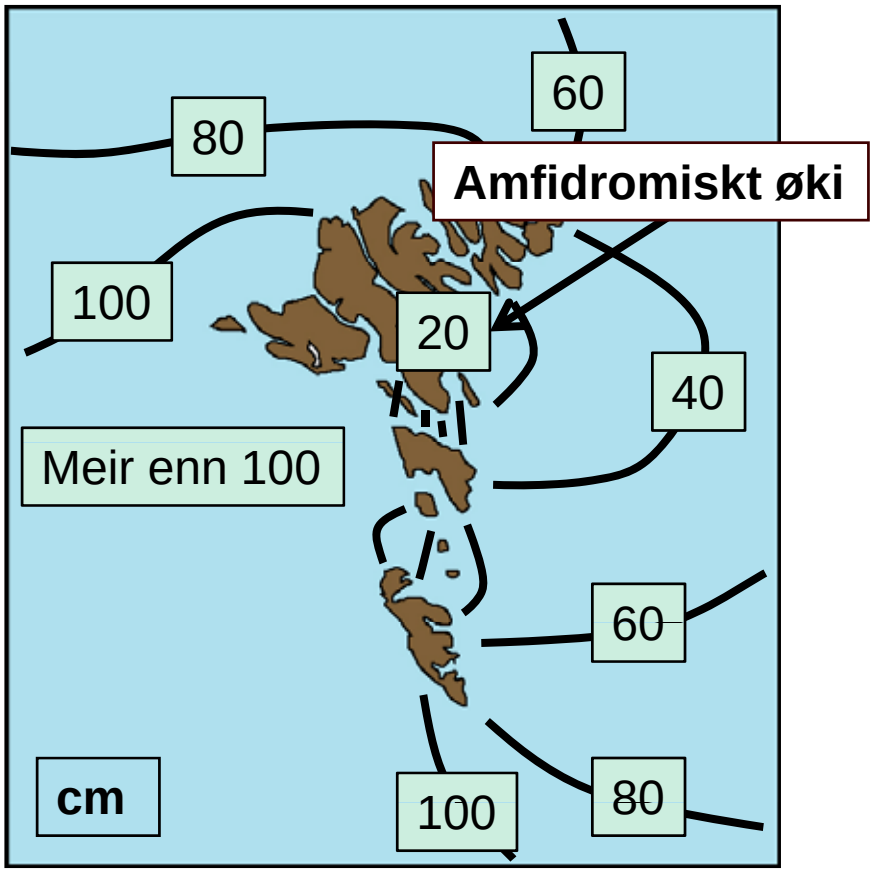
© Bogi Hansen, Havstovan

Sjóvarfallið við Føroyar

Flóðin seinkað í mun til mánan

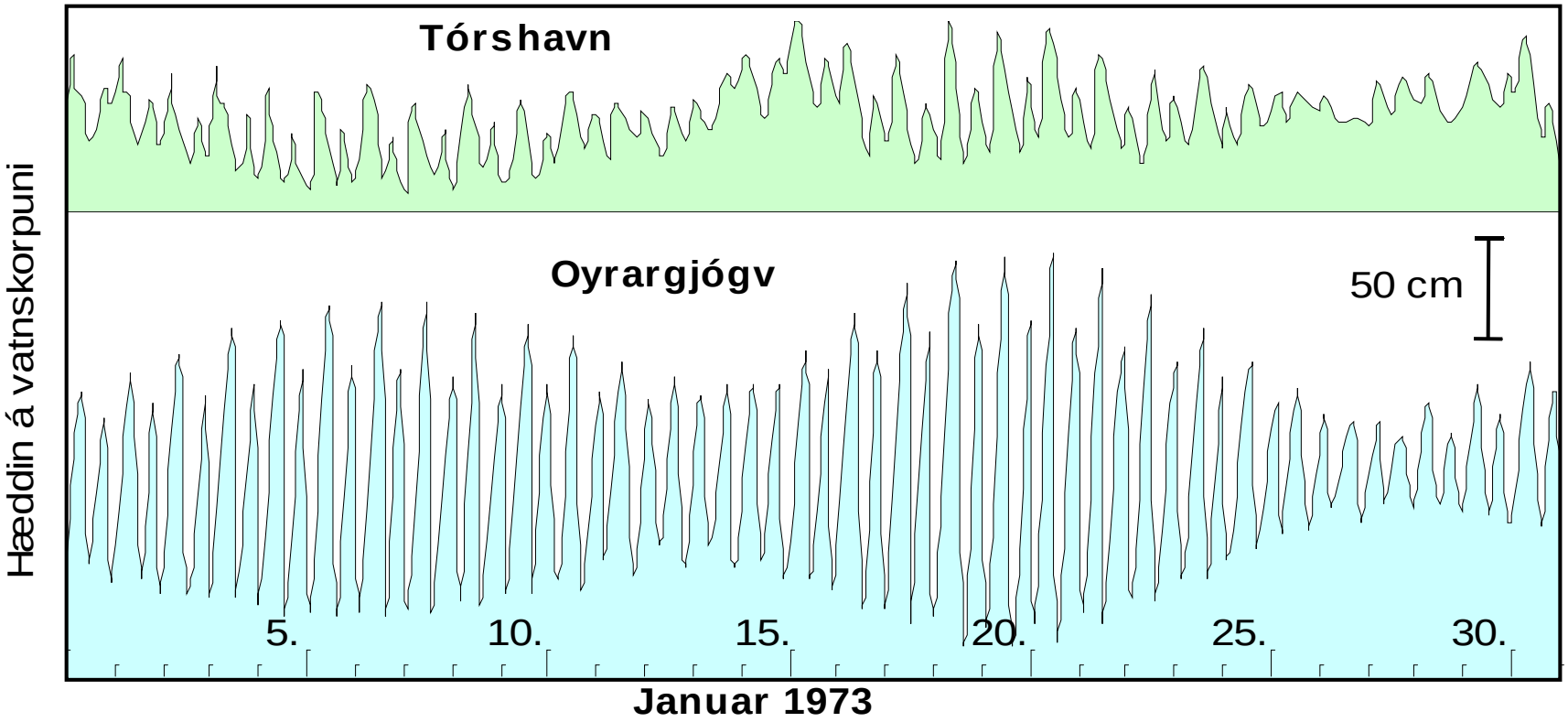


Munur á flóð og fjøru



© Bogi Hansen, Havstovan

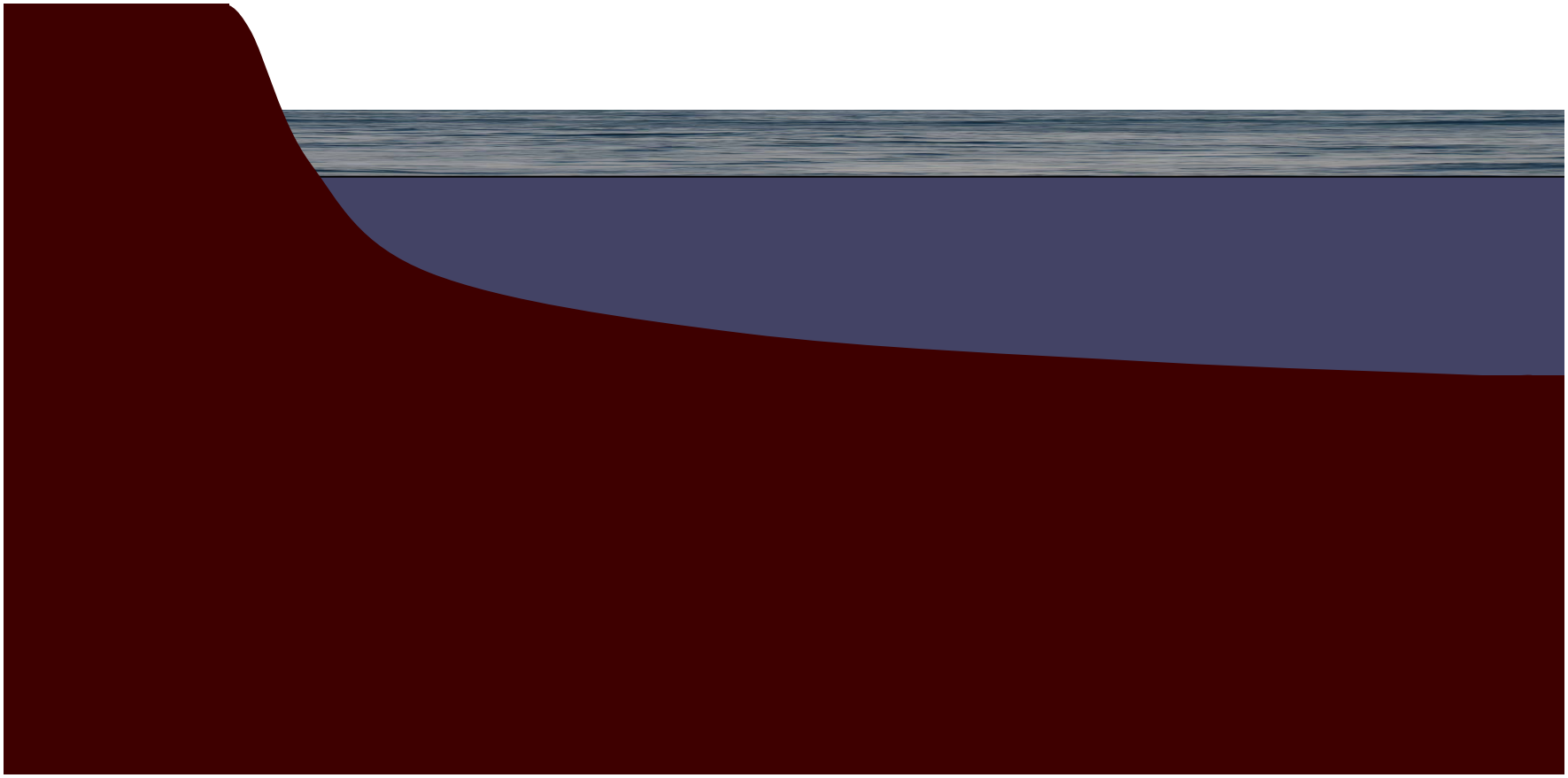
Í Havn er lítil munur á flóð og fjøru



Hálvdagligt og dagligt sjóvarfall

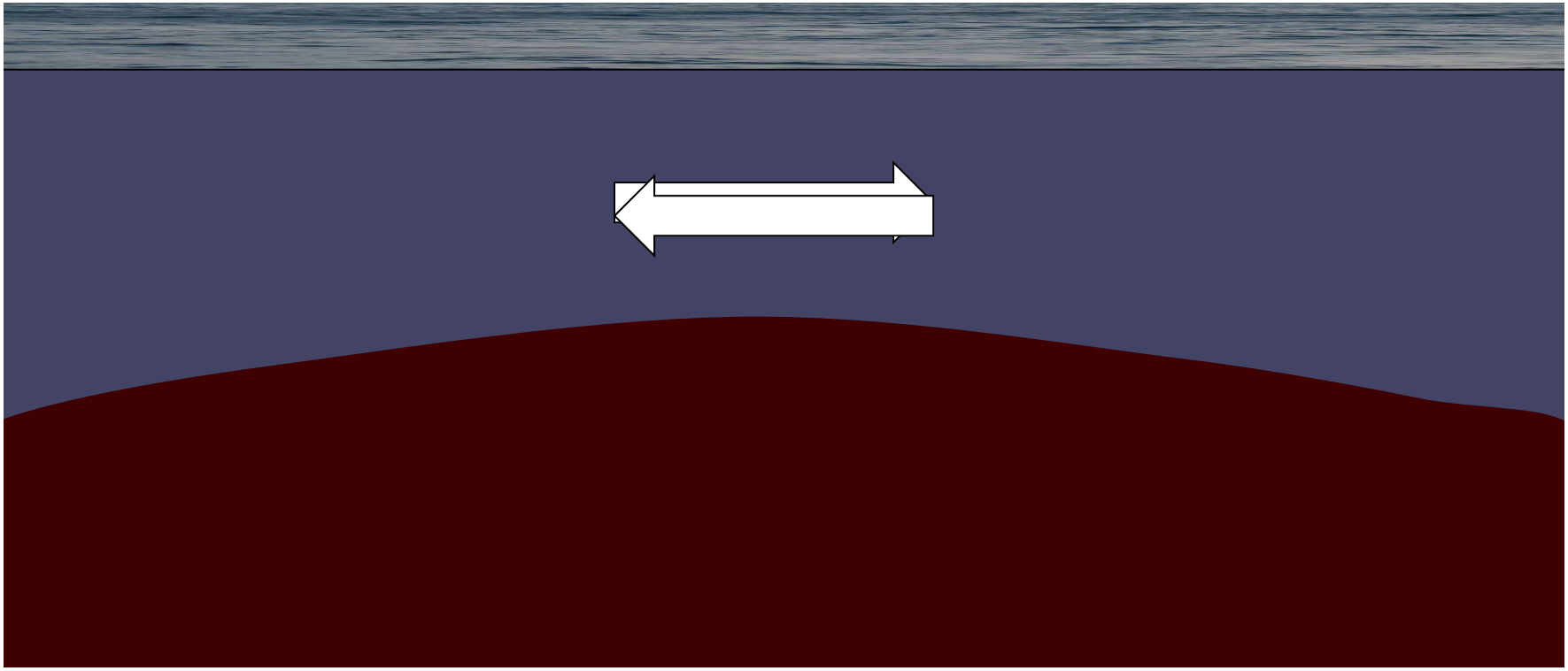
© Bogi Hansen, Havstovan

Flóð og fjøra og streymur hanga saman



© Bogi Hansen, Havstovan

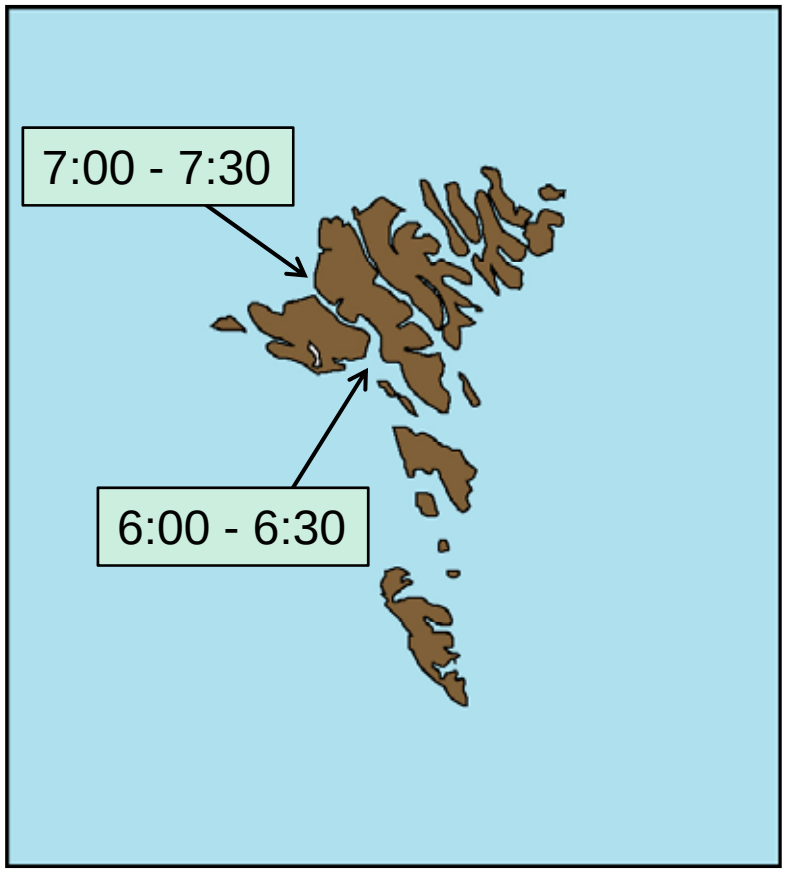
Vatnskorpuhall í einum sundi gevur streym



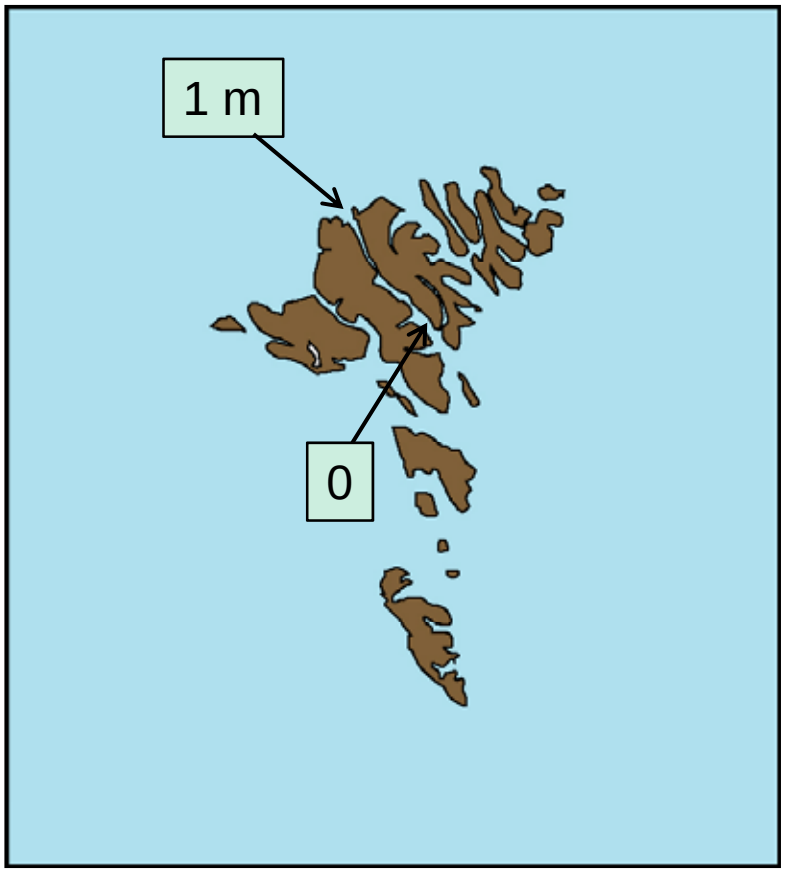
© Bogi Hansen, Havstovan

Harður streymur í sundum

Nær er flóð í báðum endum á Vestmannasundi ?

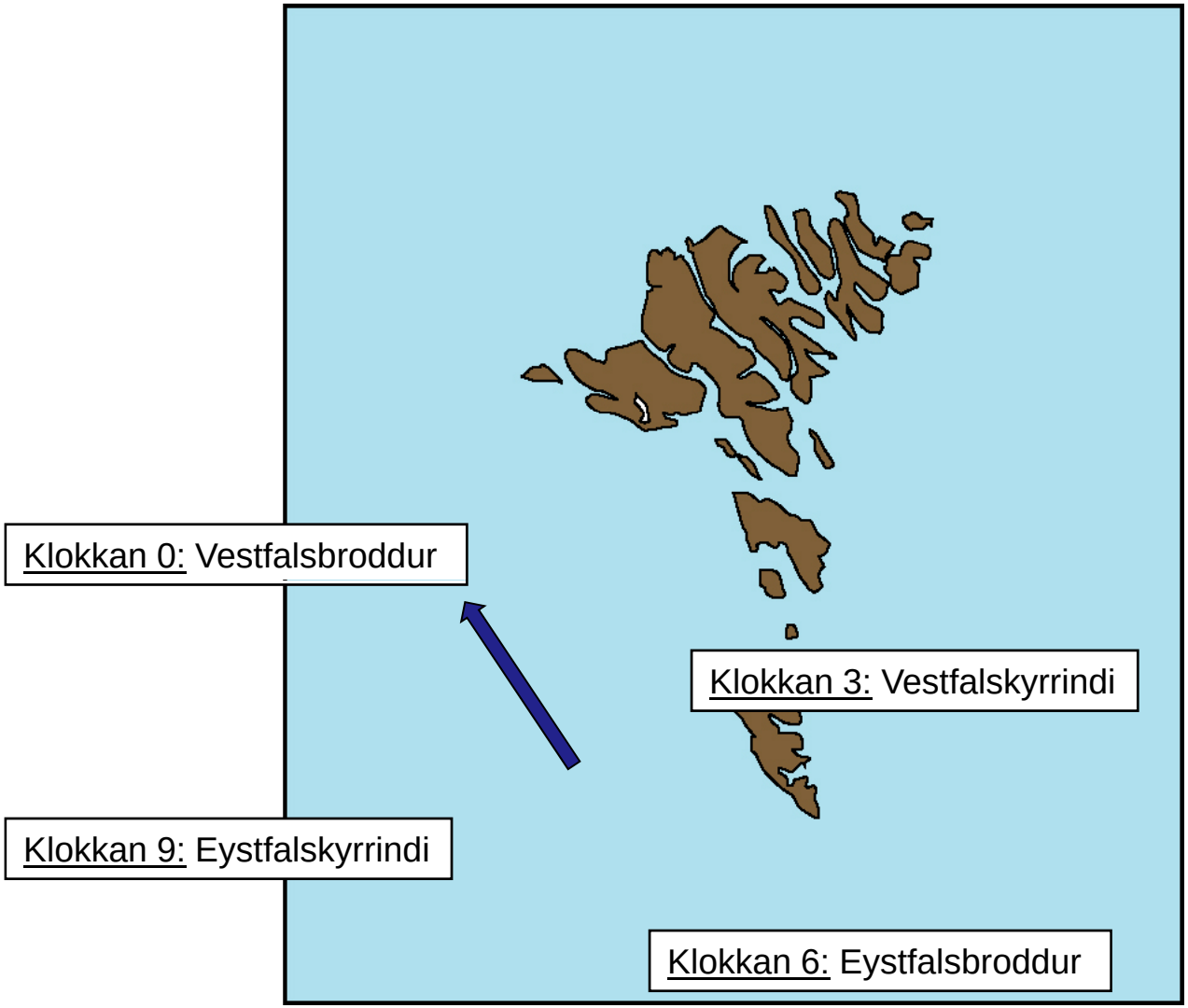


Munur á flóð og fjøru í báðum endum á Sundalagnum



© Bogi Hansen, Havstovan

Streymur á opnum havi



© Bogi Hansen, Havstovan



© Bogi Hansen, Havstovan