

We have uploaded four movies to show the temporal changes in the Coulomb Failure Stress (Δ CFS).

- 1) compressible_cfs.mp4 - Change in Coulomb Failure Stress (CFS) for a compressible Earth model over time (red - unstable conditions, blue - stable conditions)

<https://drive.google.com/file/d/1eryCtH8C0Z99KFKLKfH4RIYIL-fTKZiv/view?usp=sharing>

- 2) incompressible_cfs.mp4 - Change in Coulomb Failure Stress (CFS) for an incompressible Earth model over time (red - unstable conditions, blue - stable conditions)

<https://drive.google.com/file/d/1852wmYktj4A5SqOSEDt3XU8gvZgbf8yh/view?usp=sharing>

- 3) diff_cfs.mp4 - Difference in change in Coulomb Failure Stress (CFS) between a compressible and incompressible Earth model over time (pink - incompressible CFS is larger, green - compressible CFS is larger)

<https://drive.google.com/file/d/1Dv61rS4LoswbvIaFj0LMLQewPVkBj2XD/view?usp=sharing>

- 4) cfs-positive.mp4 - Maps where the change in Coulomb Failure Stress (CFS) becomes positive (unstable conditions) over time (grey - incompressible model becomes positive only; light blue - compressible model becomes positive only; dark blue - both models become positive)

https://drive.google.com/file/d/1m8nSpAfbv71bc9gvtXG18cbXxcu_zaEL/view?usp=sharing