

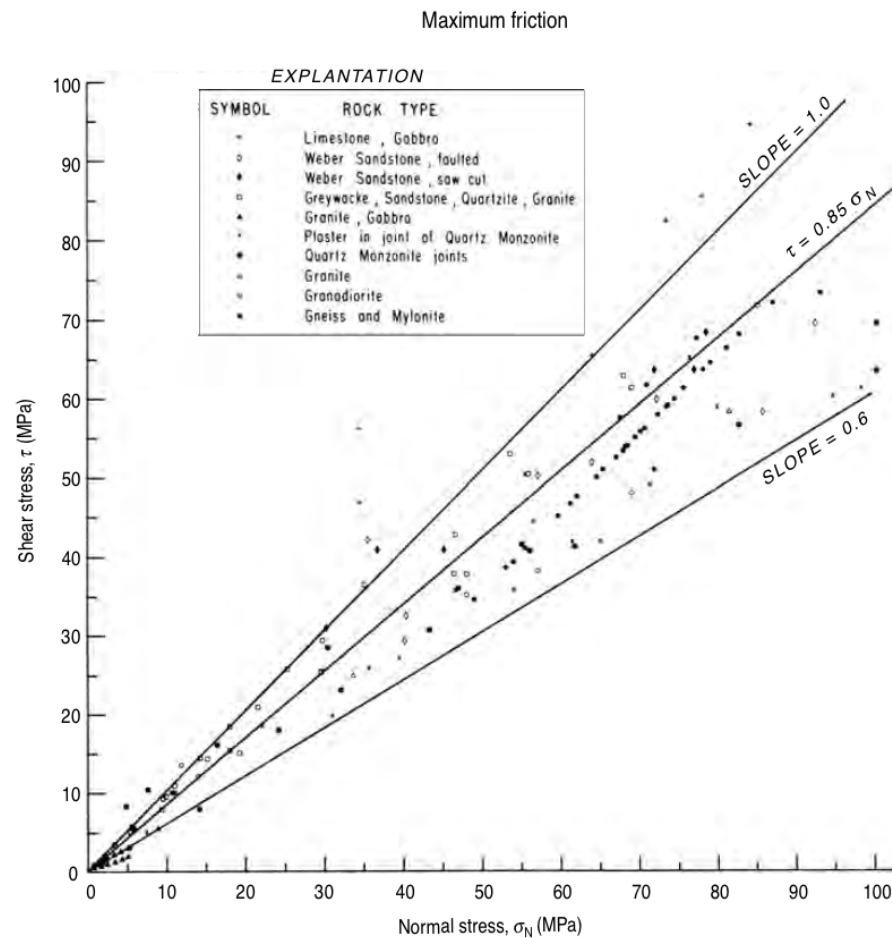
# Shear failure (slip on faults)

$$\frac{\tau}{\sigma_n} = \mu$$

Coulomb failure function

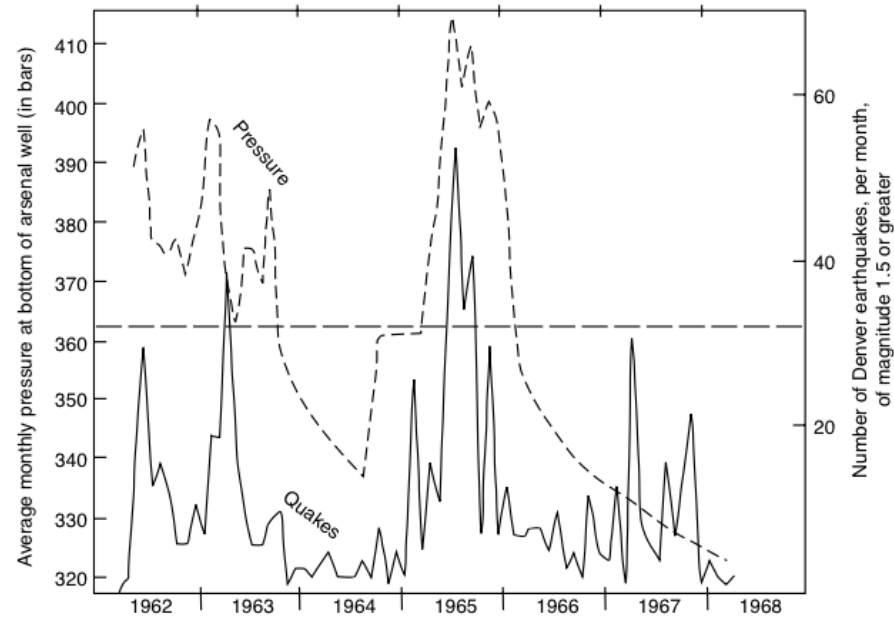
$$f = \tau - \mu\sigma_n \leq 0$$

# Frictional strength of faults



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# Induced seismicity



Fluid injection and seismicity at the Rocky Mountain Arsenal

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