Integration of micro-gravity and geodetic data to constrain shallow system mass changes at Krafla Volcano, N Iceland

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a) 1990-1995

b) 1996-2003
Exponential decay of deflation in the Krafla area

\[ y = 2E + 196e^{-0.226x} \]

\[ R^2 = 0.9562 \]
Fig 3

Map of the Krafla region showing the location of seismic stations and other relevant features. The map includes symbols for mountain tops, caldera rim, road/track, levelling, gravity, and GPS. The locations of the stations are marked with numbers and letters. The map also shows the Fissure swarm and the road to Reykjahlid and Grimsstadir.
Micro-gravity and water extraction data at Krefeld from 1990-2003
Water extraction from drill holes in the Krafla area

1990 to 2003

- Bjarnarflag
- Hvíðolákíl
- Suðurhlíðar
- Vesturhlíðar