



Royal Netherlands
Meteorological Institute
*Ministry of Infrastructure
and Water Management*

Seismische monitoring bij Schoonebeek

Soorten sensoren



Accelerometers
Versnellingsmeters



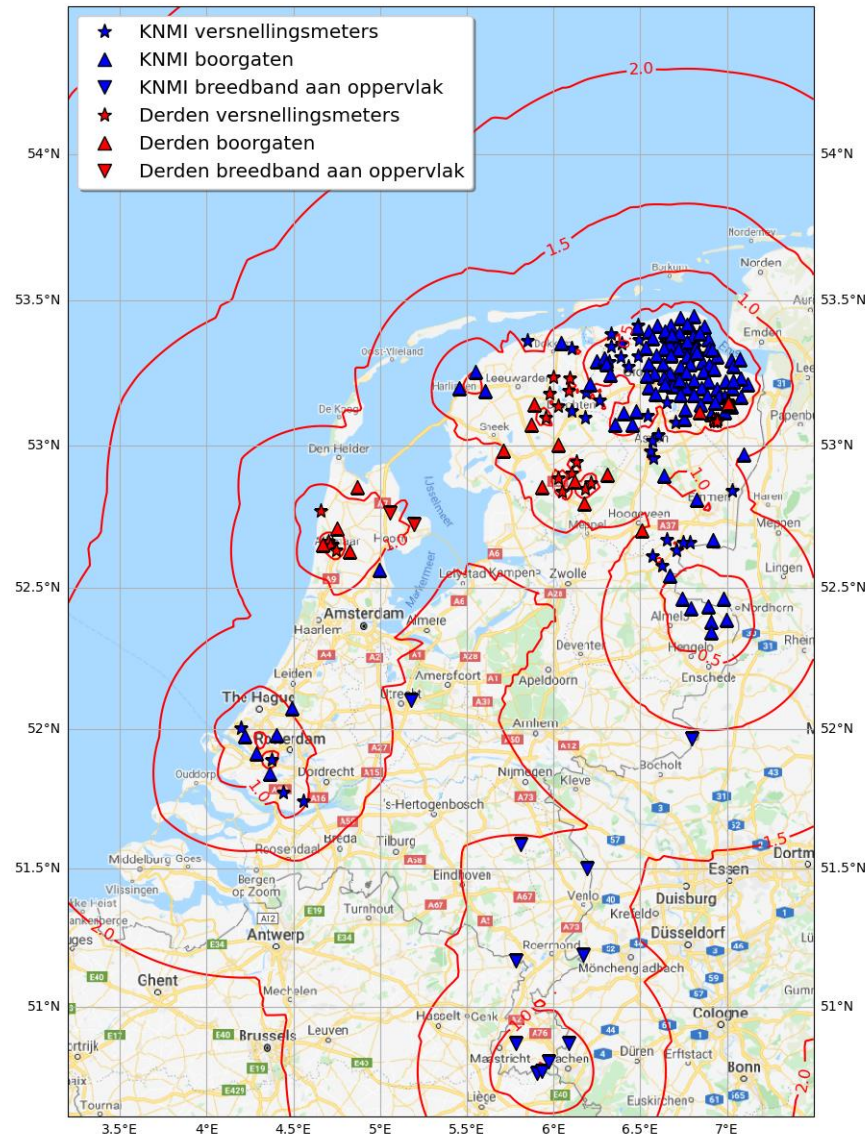
Geofoons in boorgaten



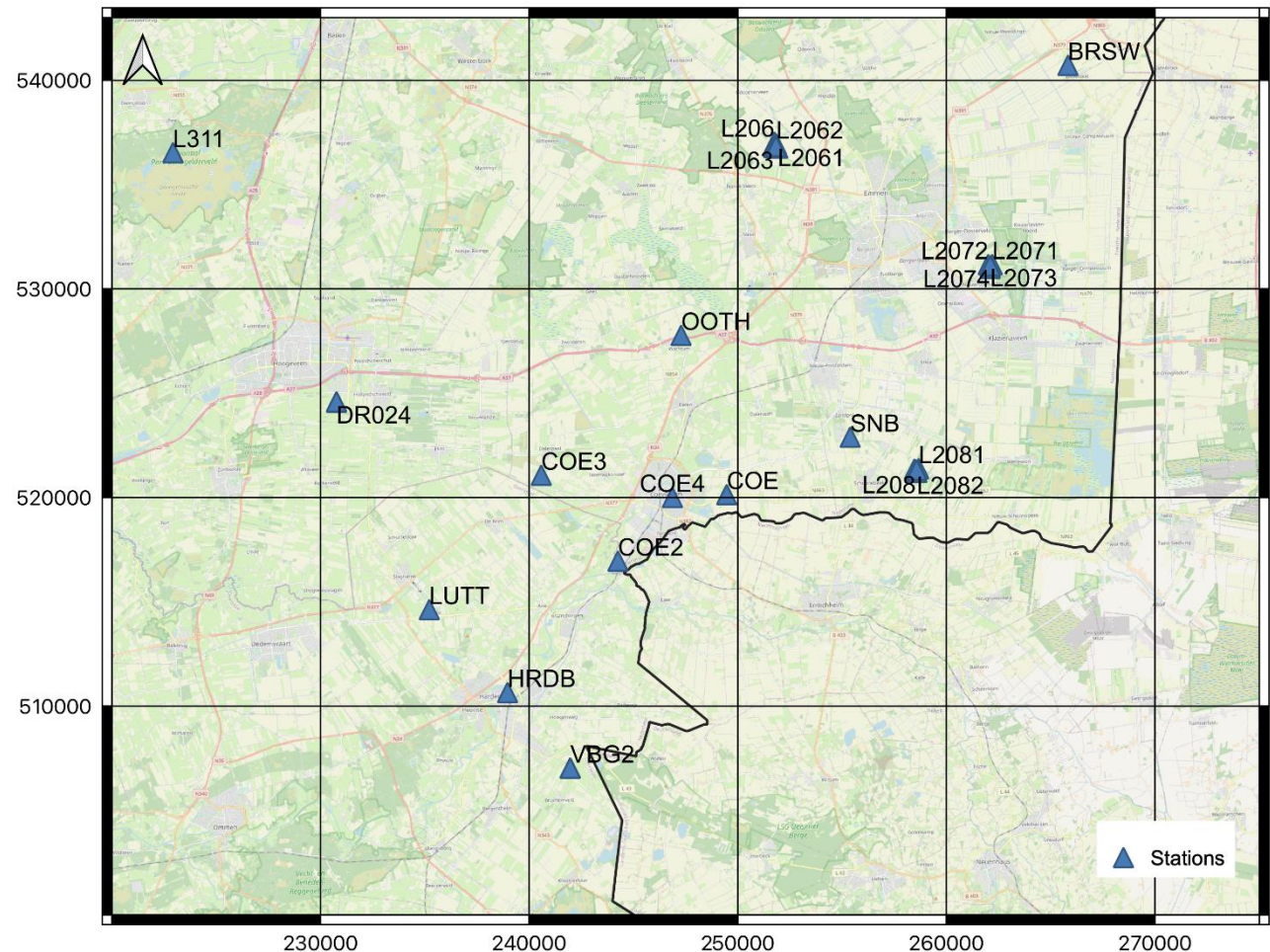
Breedband sensoren



Waar staan ze?

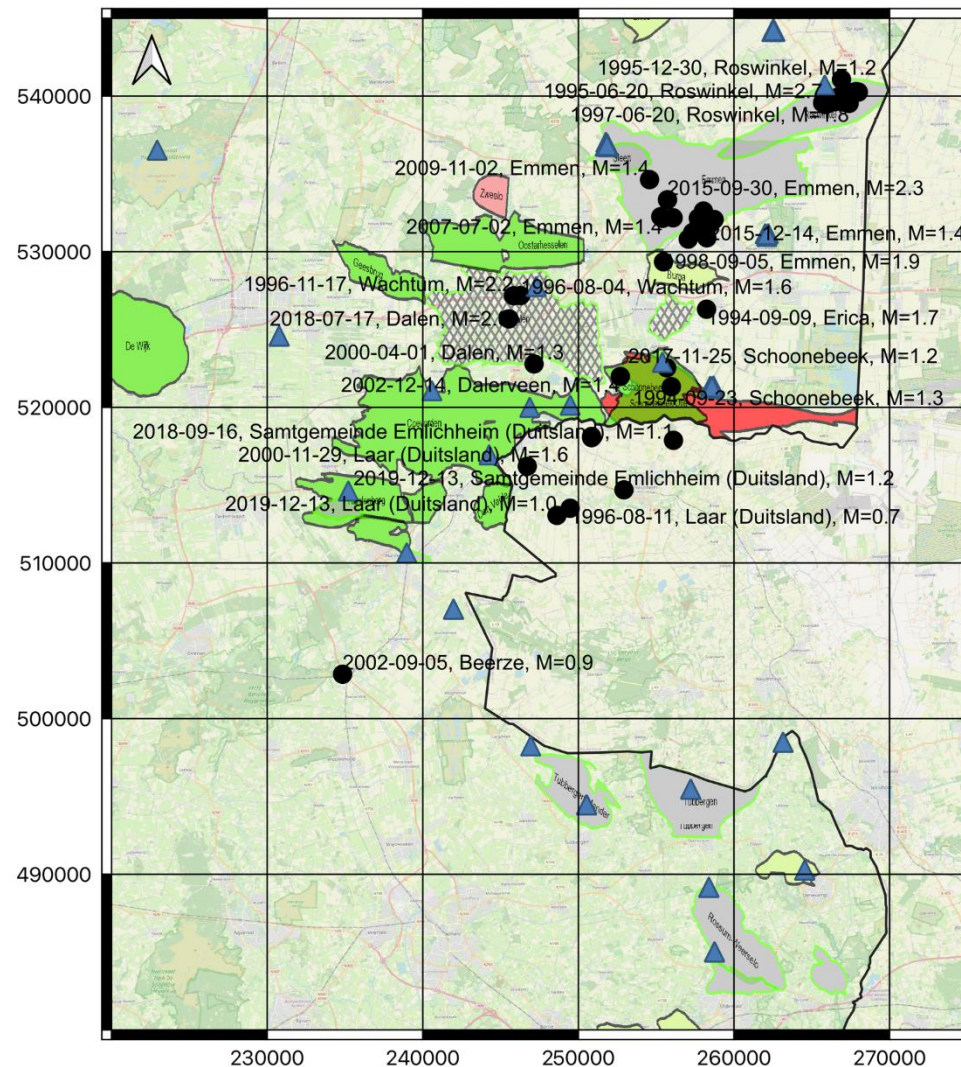


KNMI
29 juni 2022



Accelerometers: COE, COE2, COE3, COE4, LUTT, OOTH, SNB, HRDB (2019-2021)
Boorgatstations: L206, L207, L208 (upgrade 2018), DR02 (2020), VBG2 (1995)

Wat is er geregistreerd?



23-09-1994 M1,3 Schoonebeek
 14-12-2002 M1,4 Dalerveen
 25-11-2017 M1,2 Schoonebeek

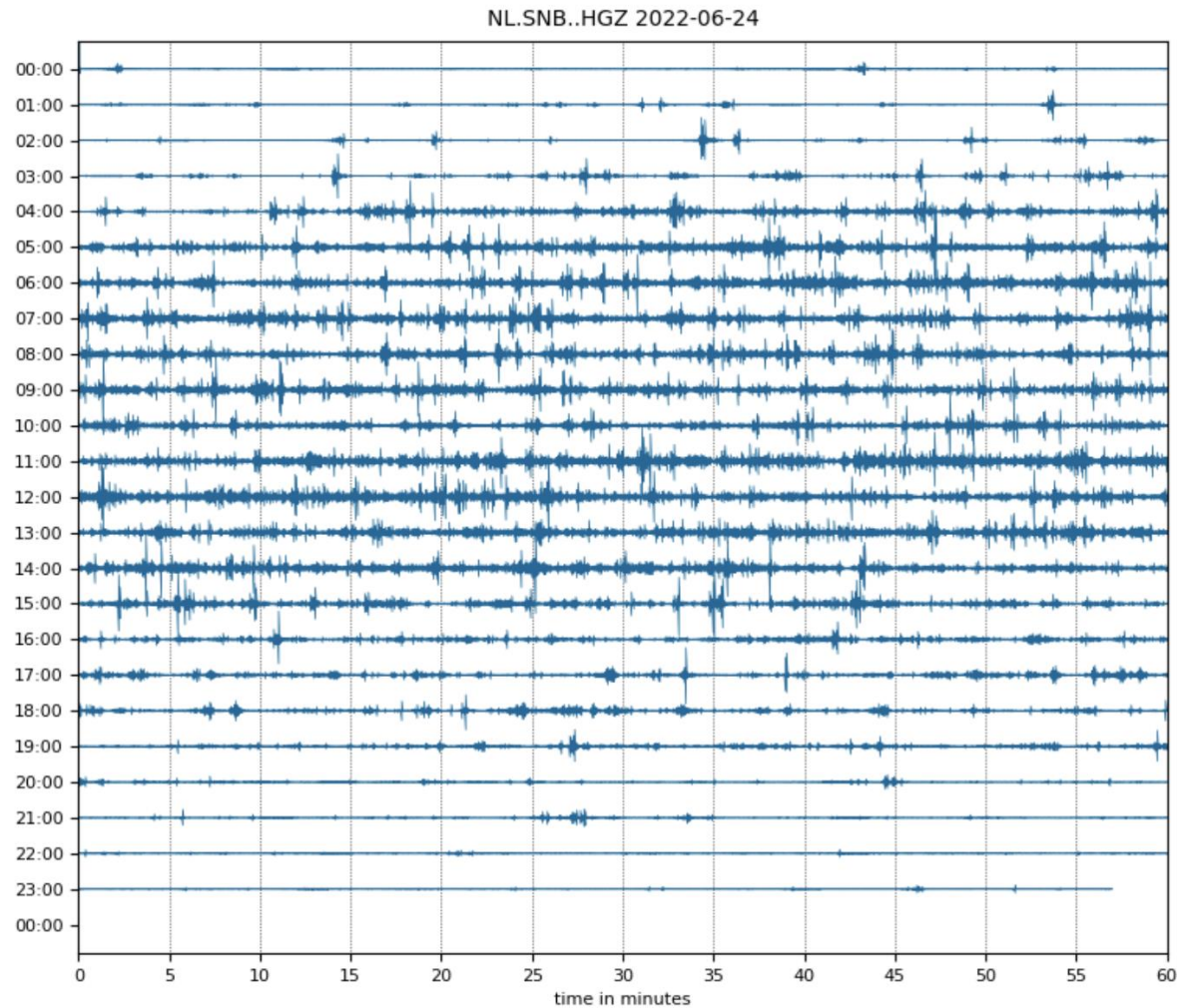
▲ Stations

● Geïnduceerde aardbevingen t/m 9 juni 2022

NLOG.GDW_NG_FIELD_UTM

- Producing gas field
- Undeveloped gas field
- Out of production gas field
- Temporarily abandoned gas field
- Producing oil field
- Undeveloped oil field
- Out of production oil field
- Temporarily abandoned oil field
- Underground gas storage

Waar is de data?





Wat doen we met de data?

- 1) 24/7 monitoring
- 2) Automatische detectie
- 3) Als $M > 2,0$
 - 1) Publicatie automatische oplossing op website
 - 2) Onverwijld analyse
 - 3) Publicatie van gereviewde beving op website
- 4) Als $M < 2,0$
 - 1) 1x per werkdag analyse
 - 2) Publicatie op website



<https://www.knmi.nl/nederland-nu/seismologie/aardbevingen>