[Geophysical Research Letters]

Supporting Information for

Deciphering the water supply of a polje by using gravimetry

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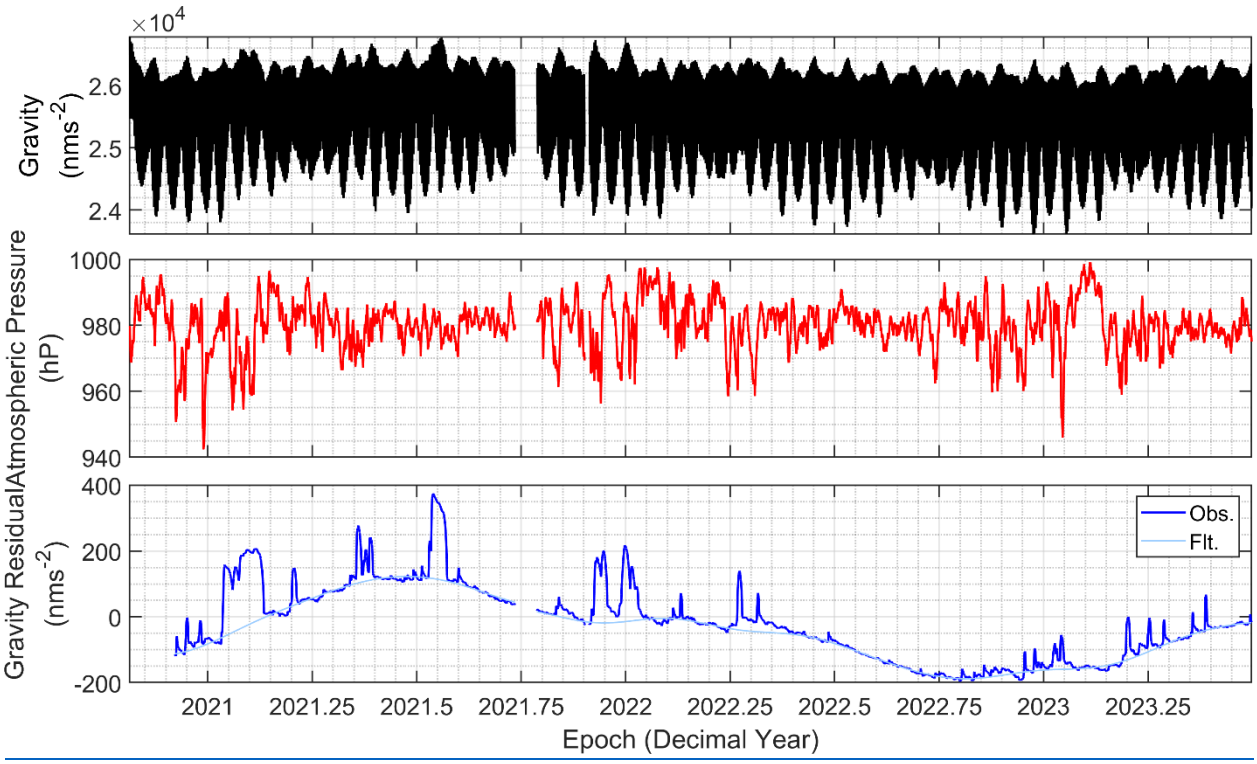
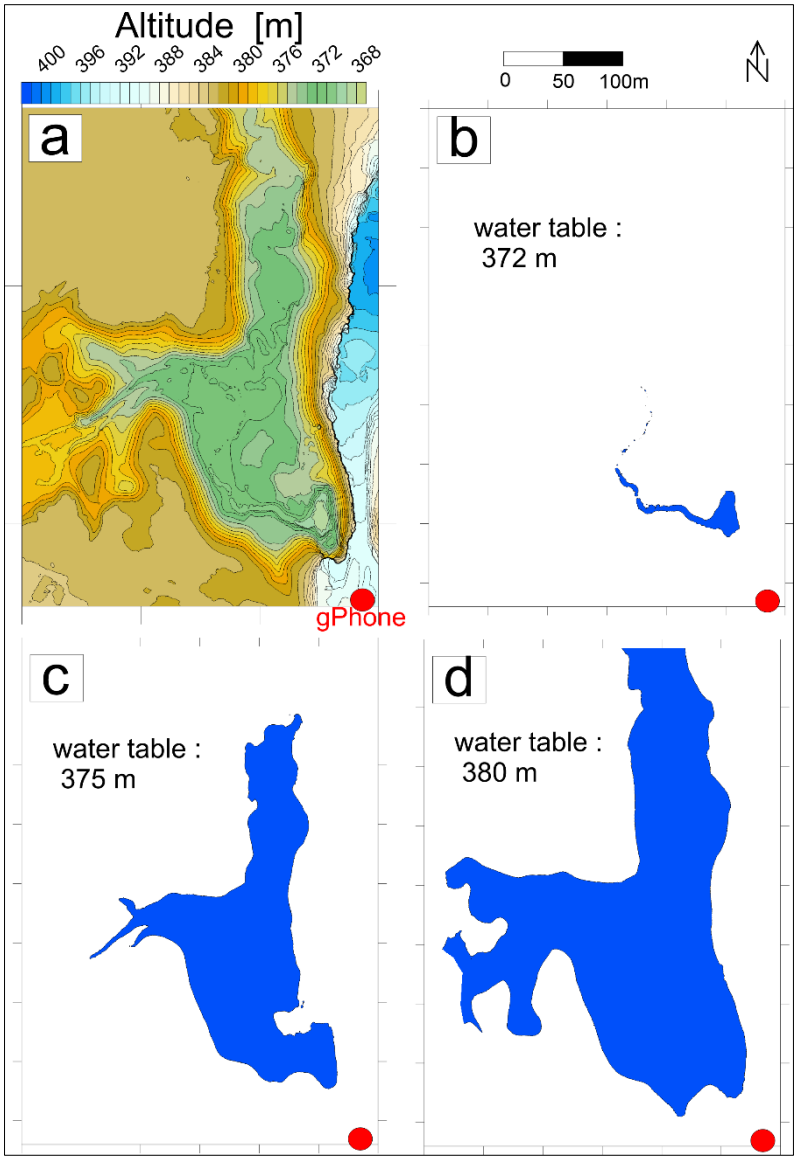


Figures S1. Hourly observations in the Saone swamp near the Creux-sous-Roche sinkhole from 24-10-2020 to 30-06-2023 (980 days). Edited gravity observations from the gPhoneX-100 (top panel), atmospheric pressure data (middle panel), and gravity residuals after correction for tidal, atmospheric pressure, and polar motion effects (bottom panel).



Figures S2. Digital elevation model with the position of the gravimeter (gPhone) next to the sinkhole (a). Extension of the lake as a function of the water level in the sinkhole in panels b, c, and d.

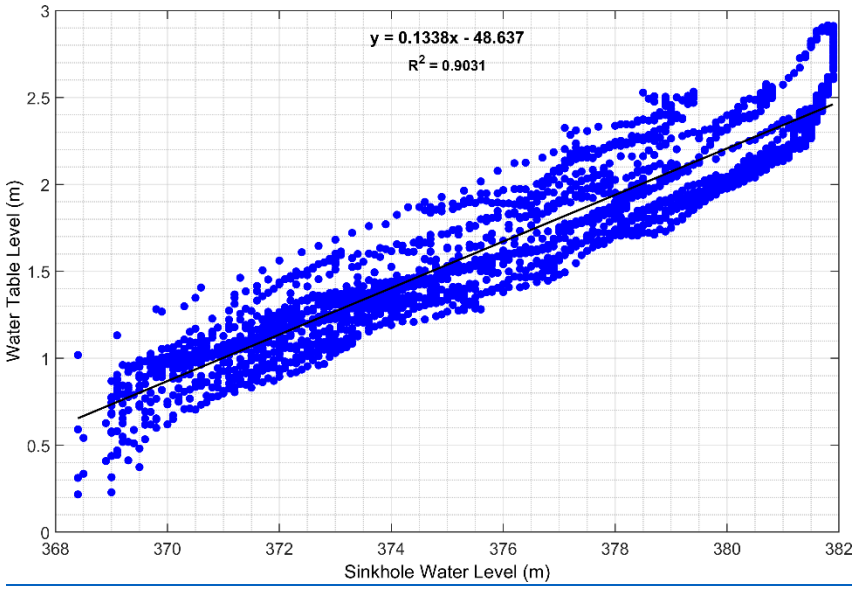


Figure S3. Water table level versus water level in the sinkhole.