



Leibniz-Institut für
Astrophysik Potsdam

Station report for DE604

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Status: The station is running normally

- Issues in 2018/9:
- Fiber cut
 - few air-conditioning failures



The year 2018/9

Previous year, 2018:

- Repeated station shutdowns due to overheating
- Sun-shield for air-co outside unit installed
- No more issues until summer 2019

Few overheating issues in summer 2019:

- 26 June: Station shutdown on hot summer day, 35 C
- Happened again on 01 July
- 04 July: Regular maintenance of air-co system
- Works since then, even on hot days



The year 2018/9 (continued)

Network issues early October:

- Station could not be reached
- Problem was not on-site
- Was resolved a few days later

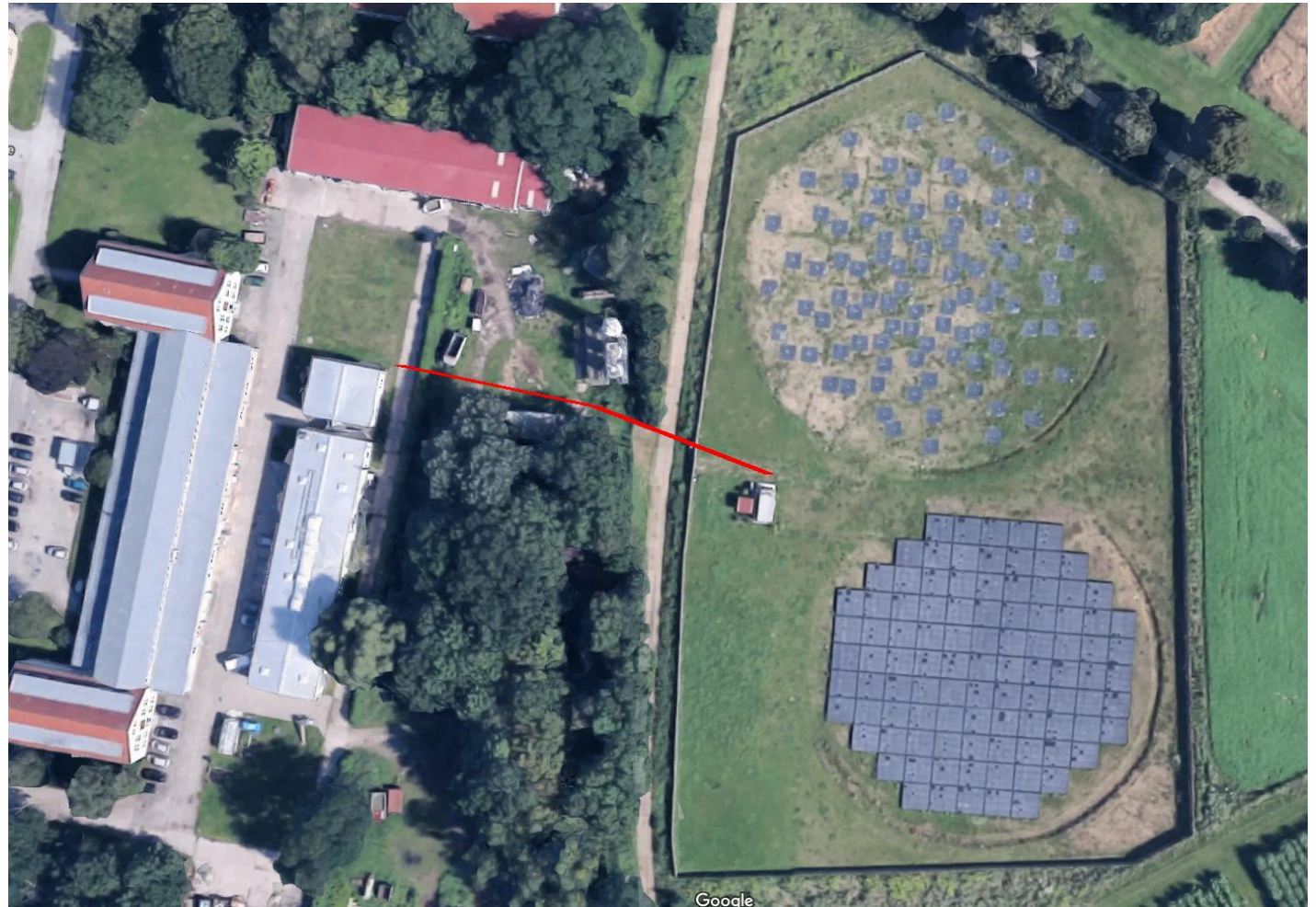
Fiber cut on 15.02.2019

Old silo structure
next to DE604
was demolished



Fiber cut on 15.02.2019

Cable duct with fiber runs next to the silo





Fiber cut on 15.02.2019

Fiber damage:

- Not a simple, clean cut
- Cable got entangled in the excavator shovel
- Was torn out of the ground with brute force
- 200 m of cable had to be replaced
- On premises of Institute for Agricultural Engineering
- Repair was organized by them
- Station was operational again in early April