

CzechGrids Micro 1.0

Tmax offset - January

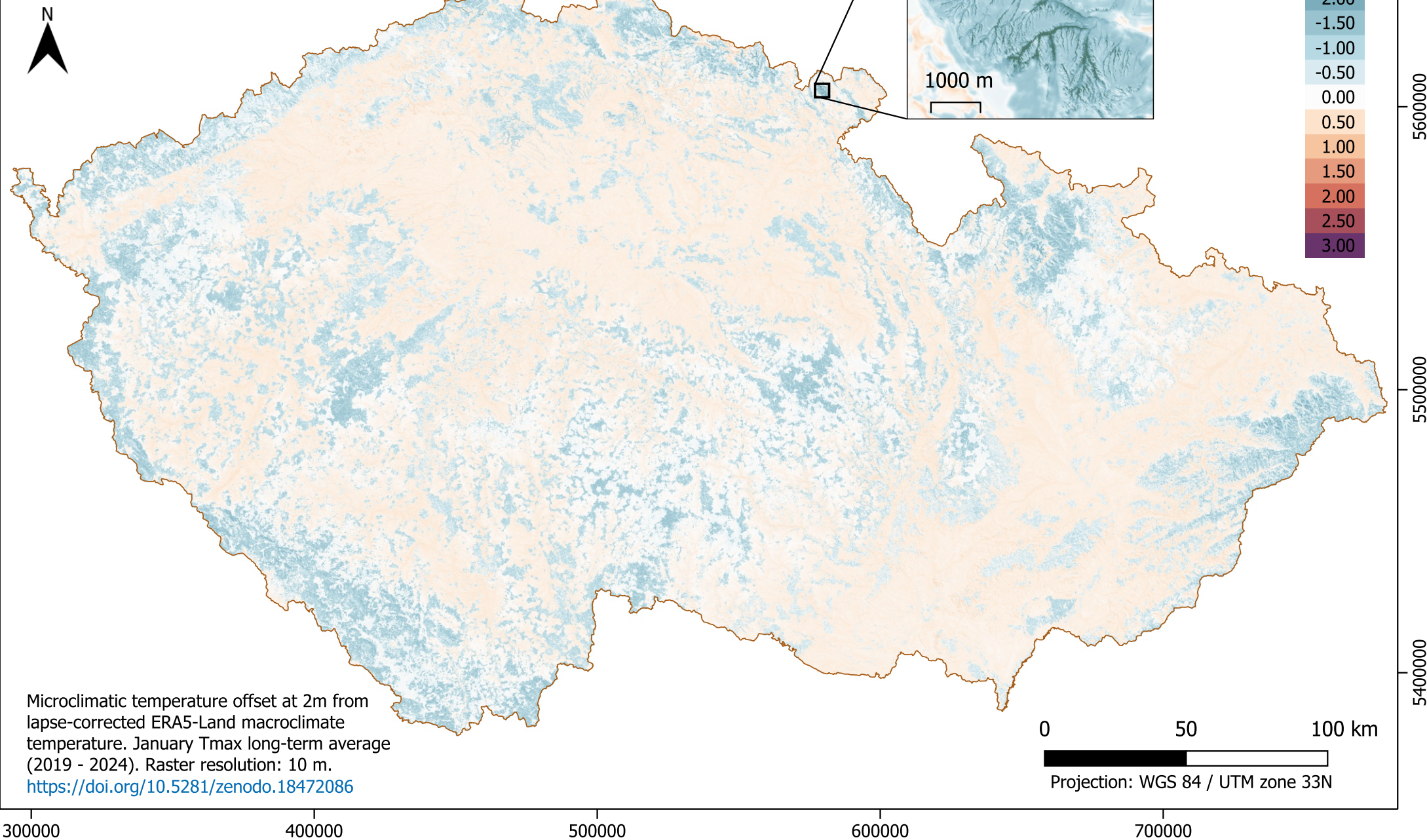


Figure S1

CzechGrids Micro 1.0

Tmax offset - February

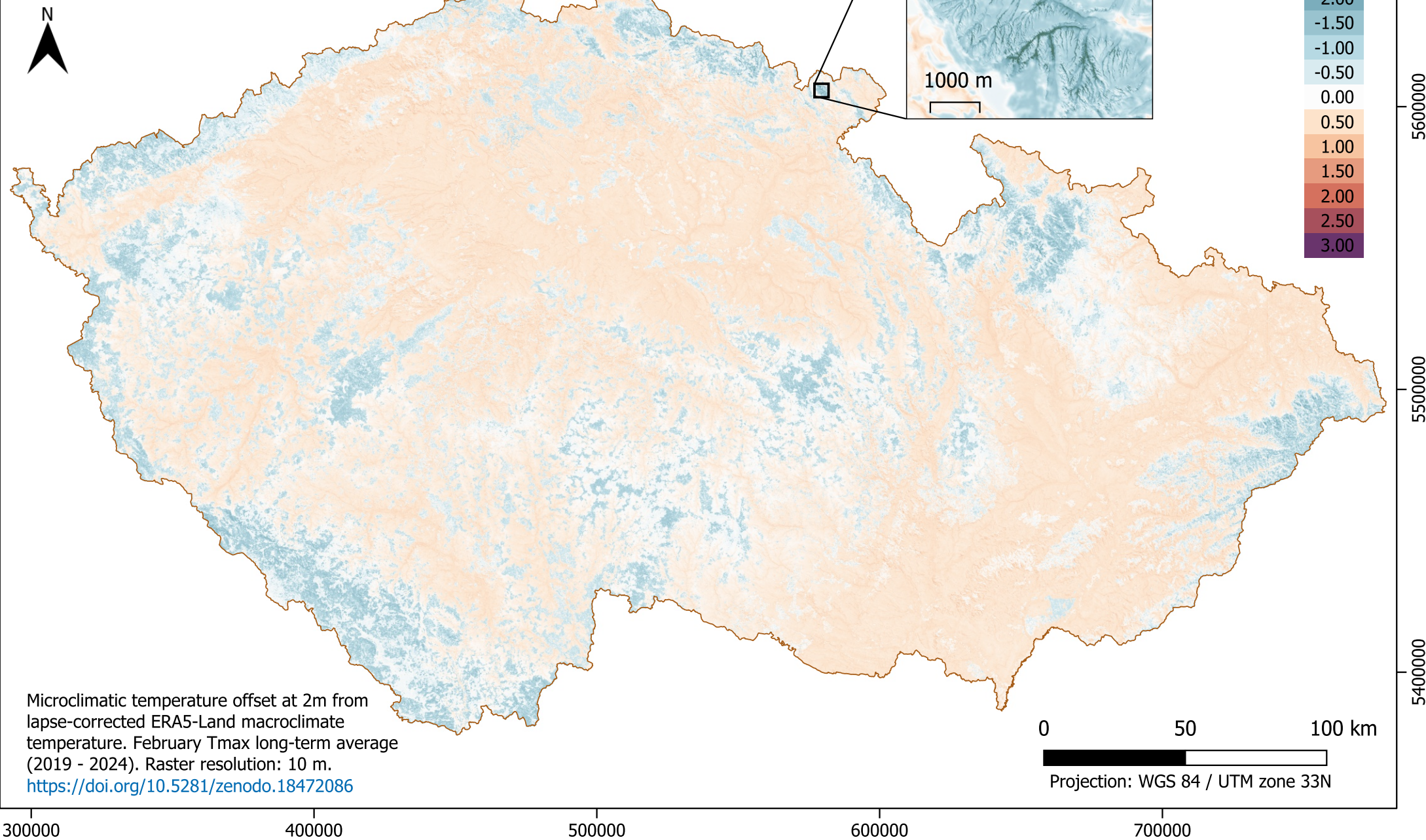


Figure S2

CzechGrids Micro 1.0

Tmax offset - March

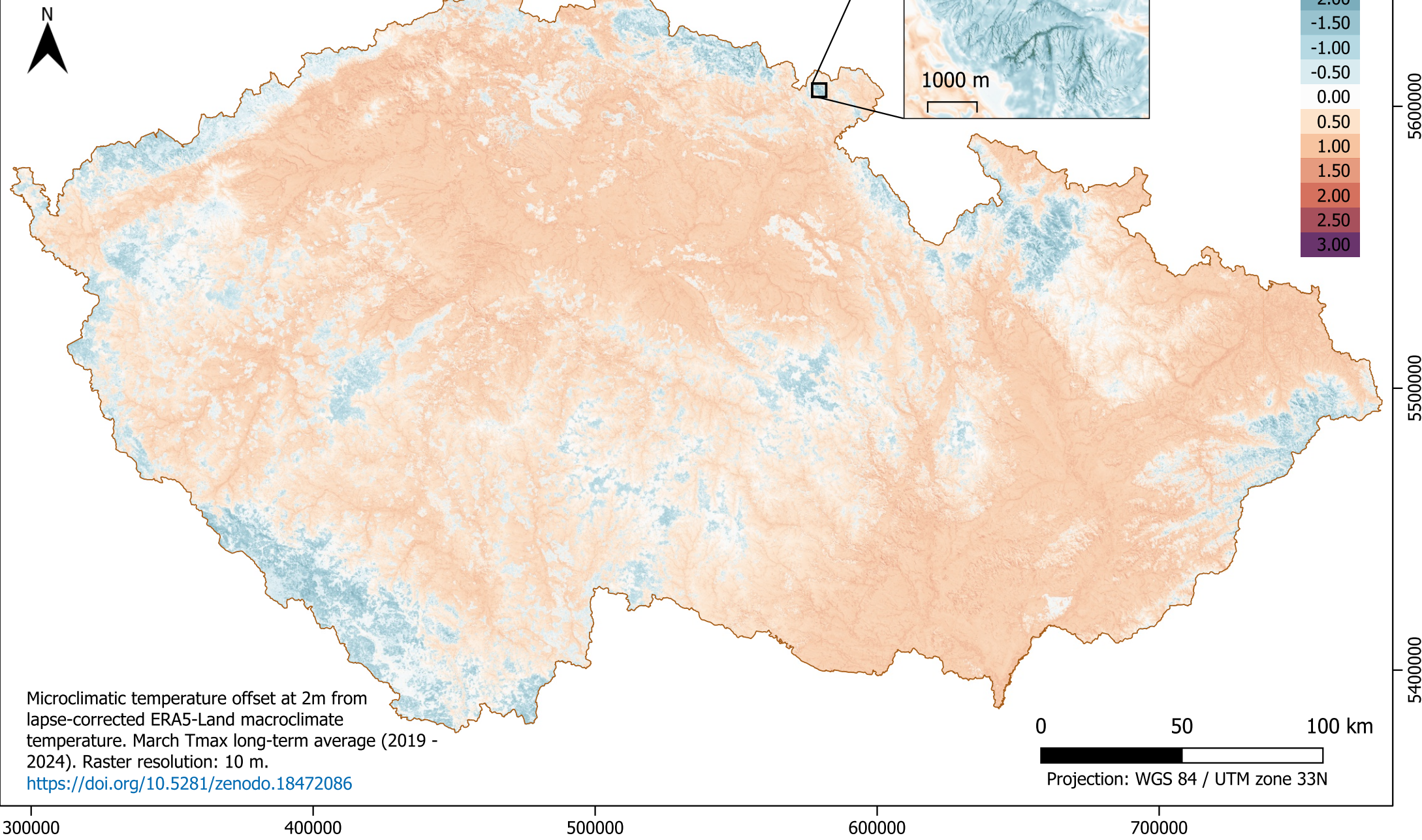


Figure S3

CzechGrids Micro 1.0

Tmax offset - April

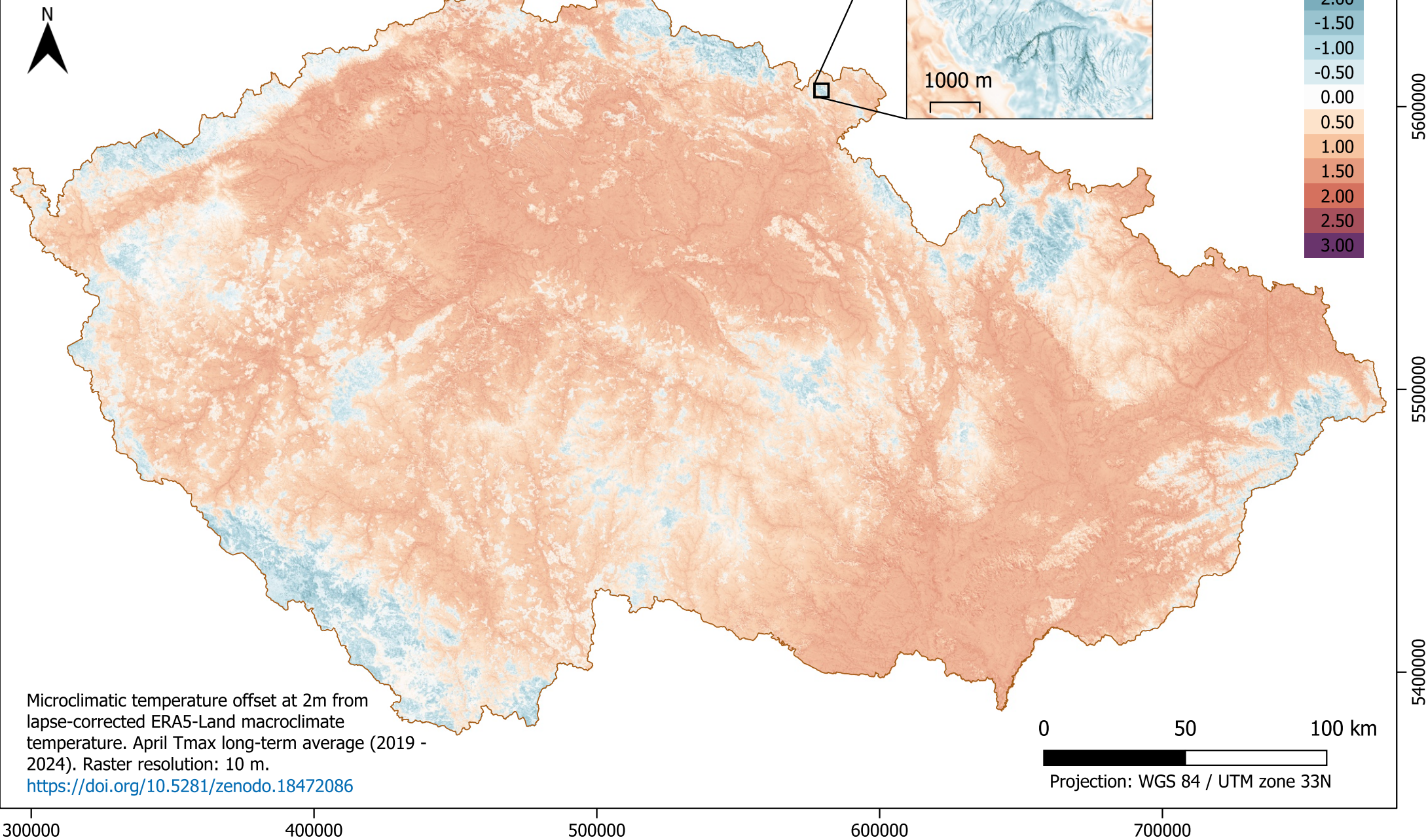


Figure S4

CzechGrids Micro 1.0

Tmax offset - May

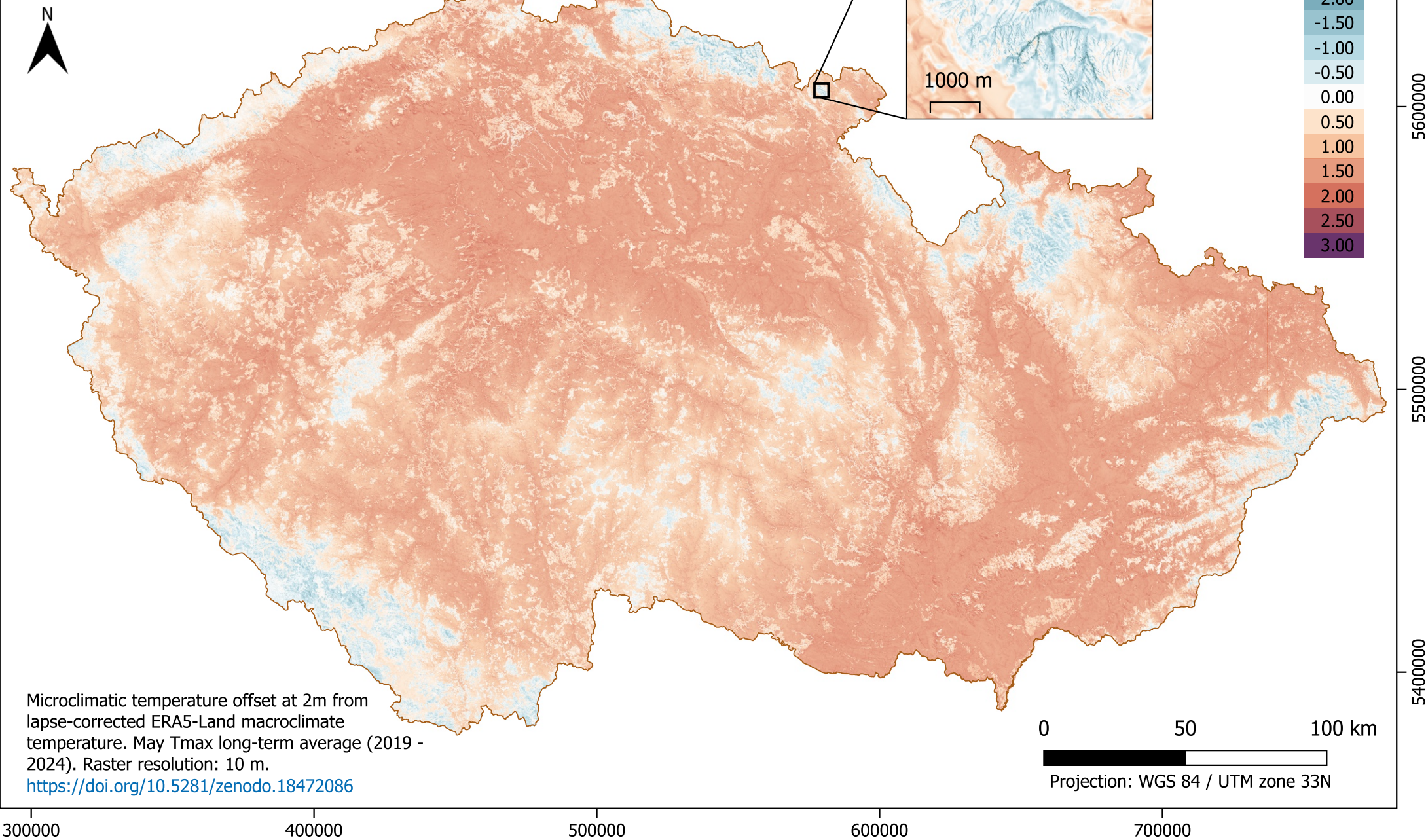


Figure S5

CzechGrids Micro 1.0

Tmax offset - June

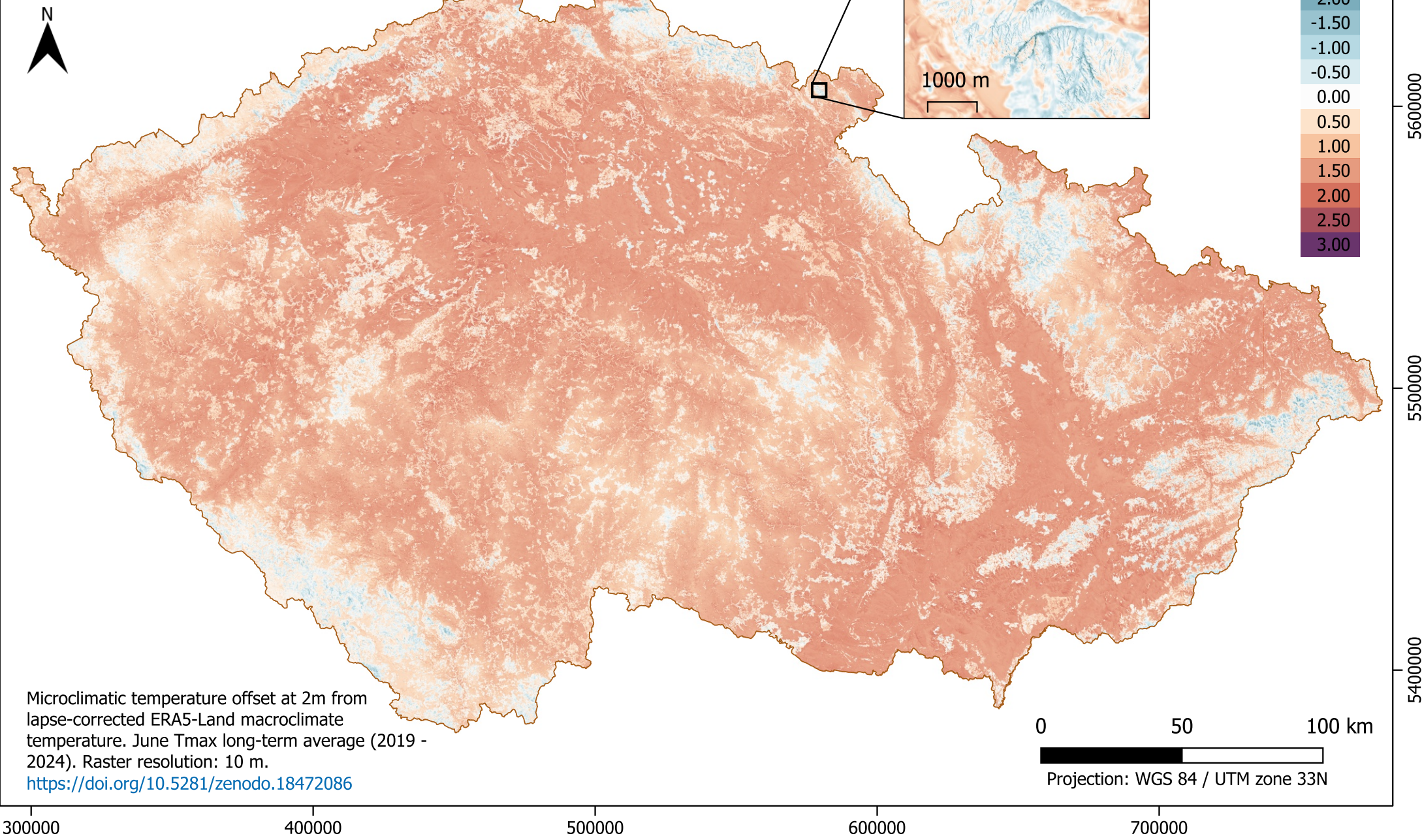


Figure S6

CzechGrids Micro 1.0

Tmax offset - July

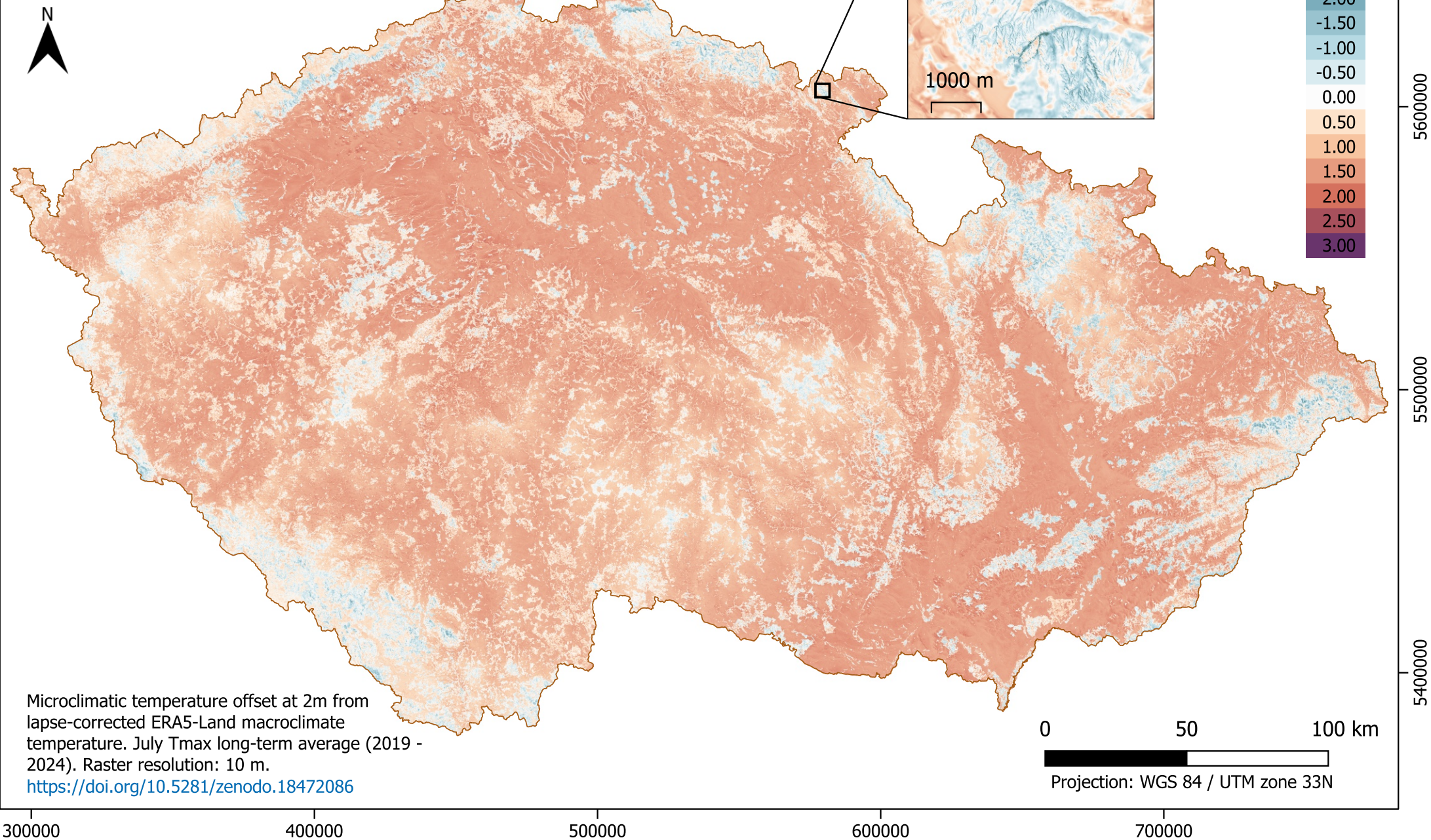


Figure S7

CzechGrids Micro 1.0

Tmax offset - August

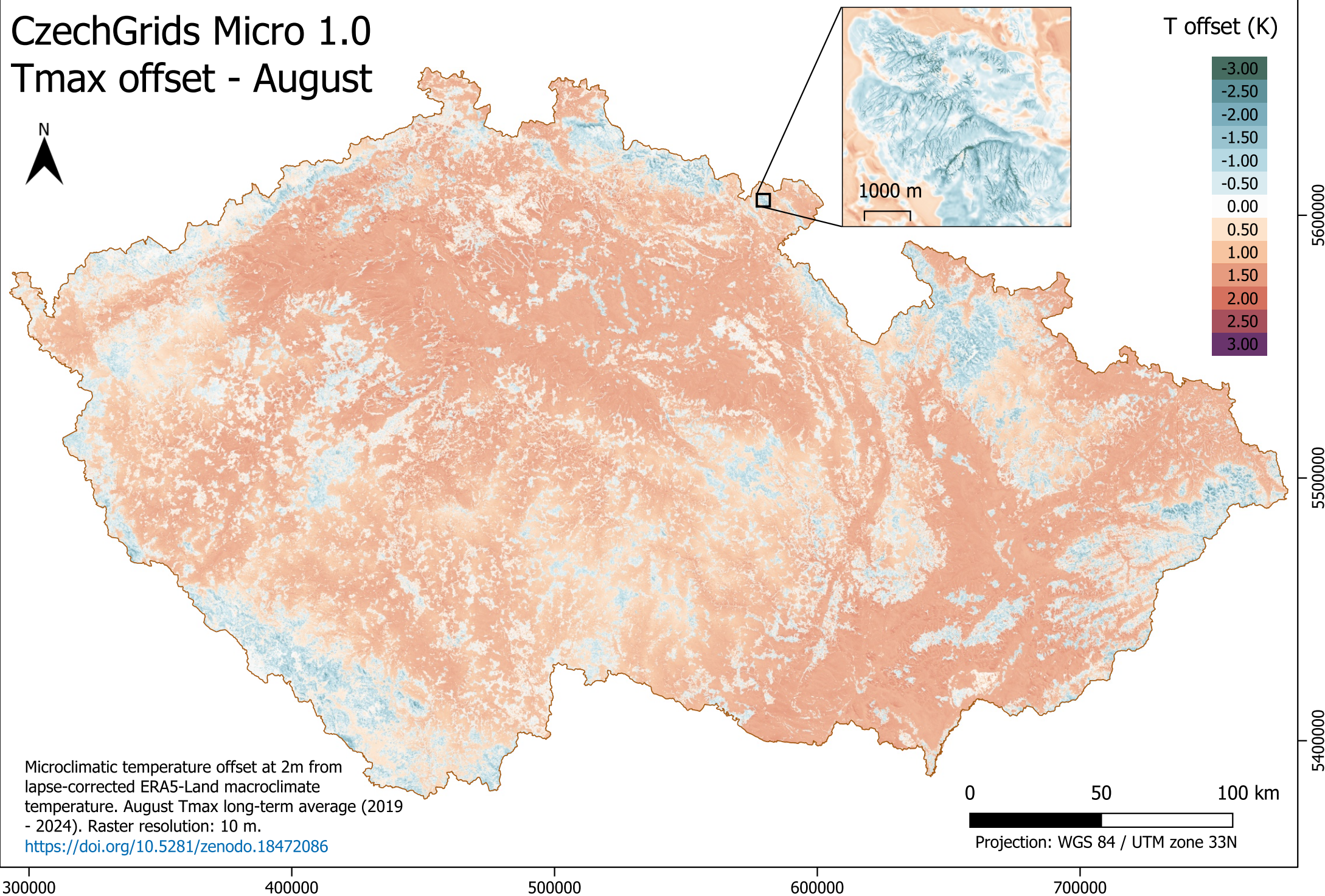


Figure S8

CzechGrids Micro 1.0

Tmax offset - September

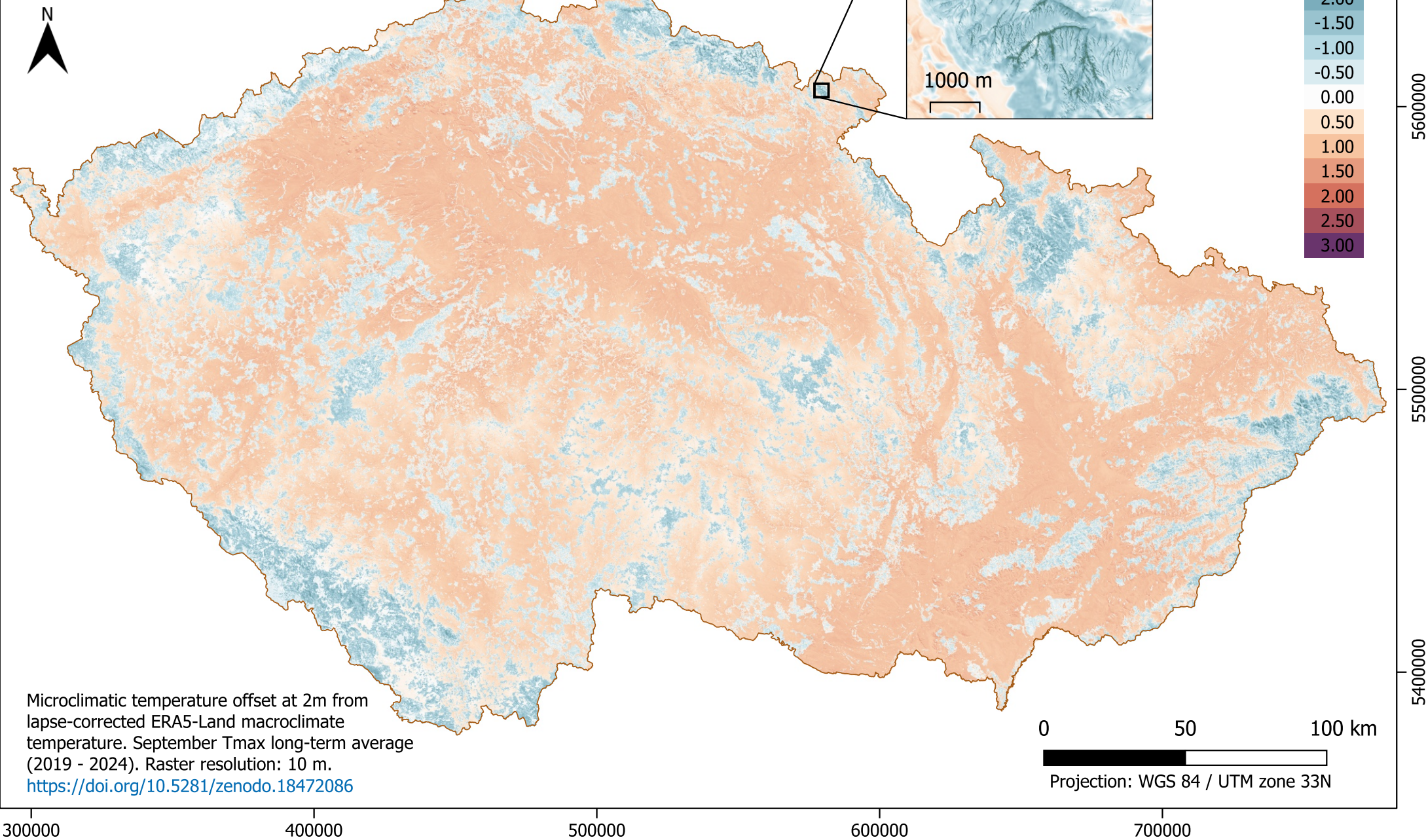


Figure S9

CzechGrids Micro 1.0

Tmax offset - October

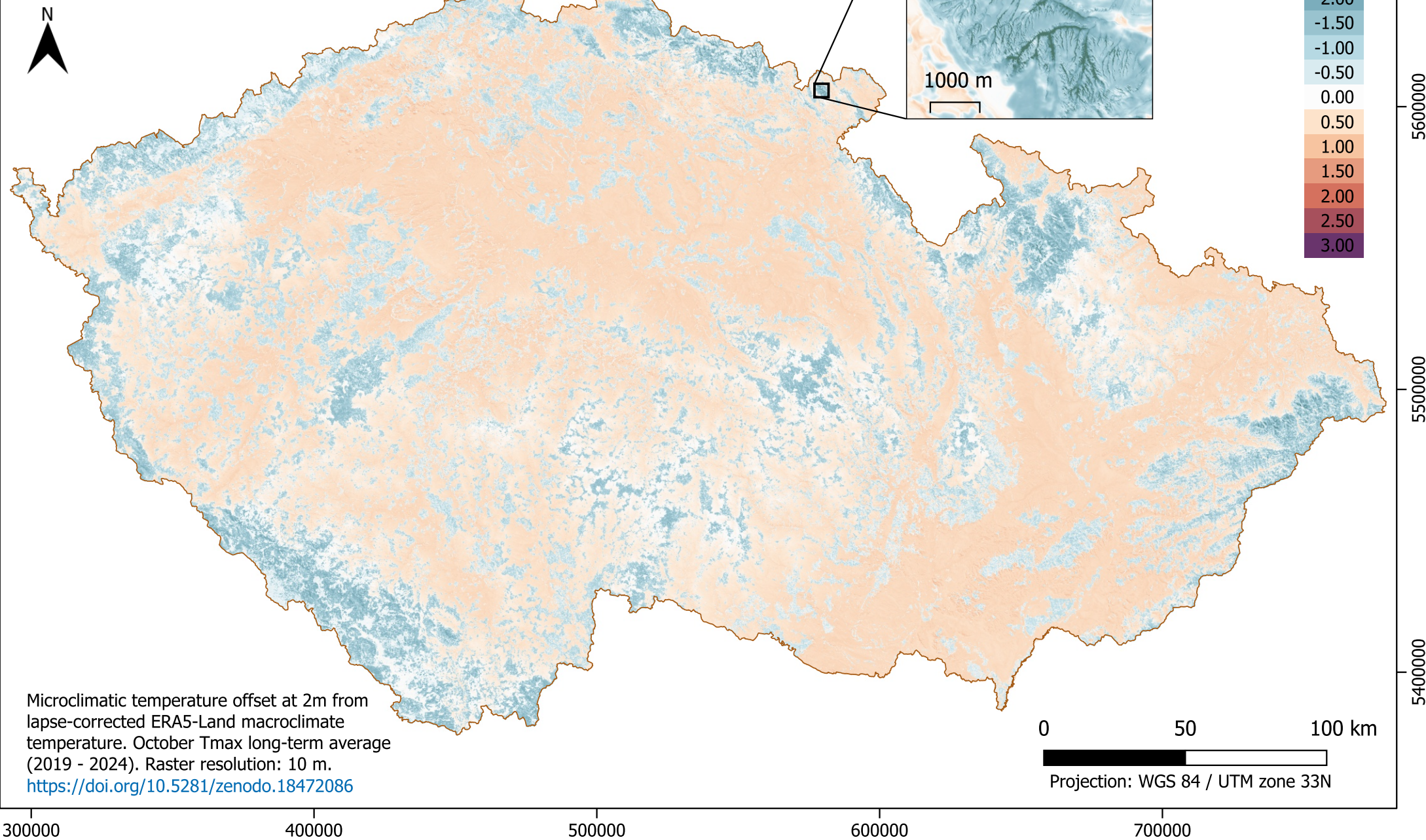


Figure S10

CzechGrids Micro 1.0

Tmax offset - November

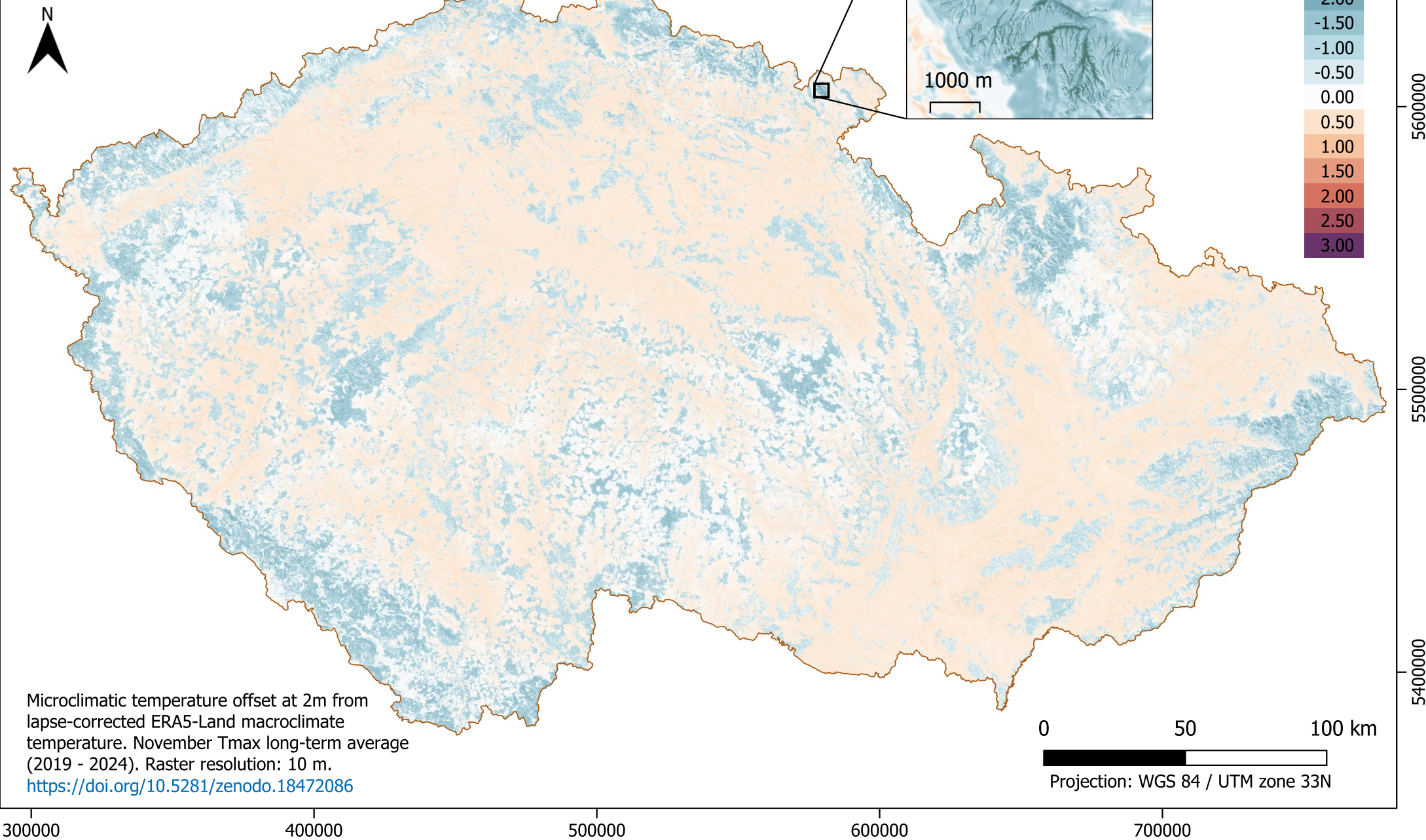
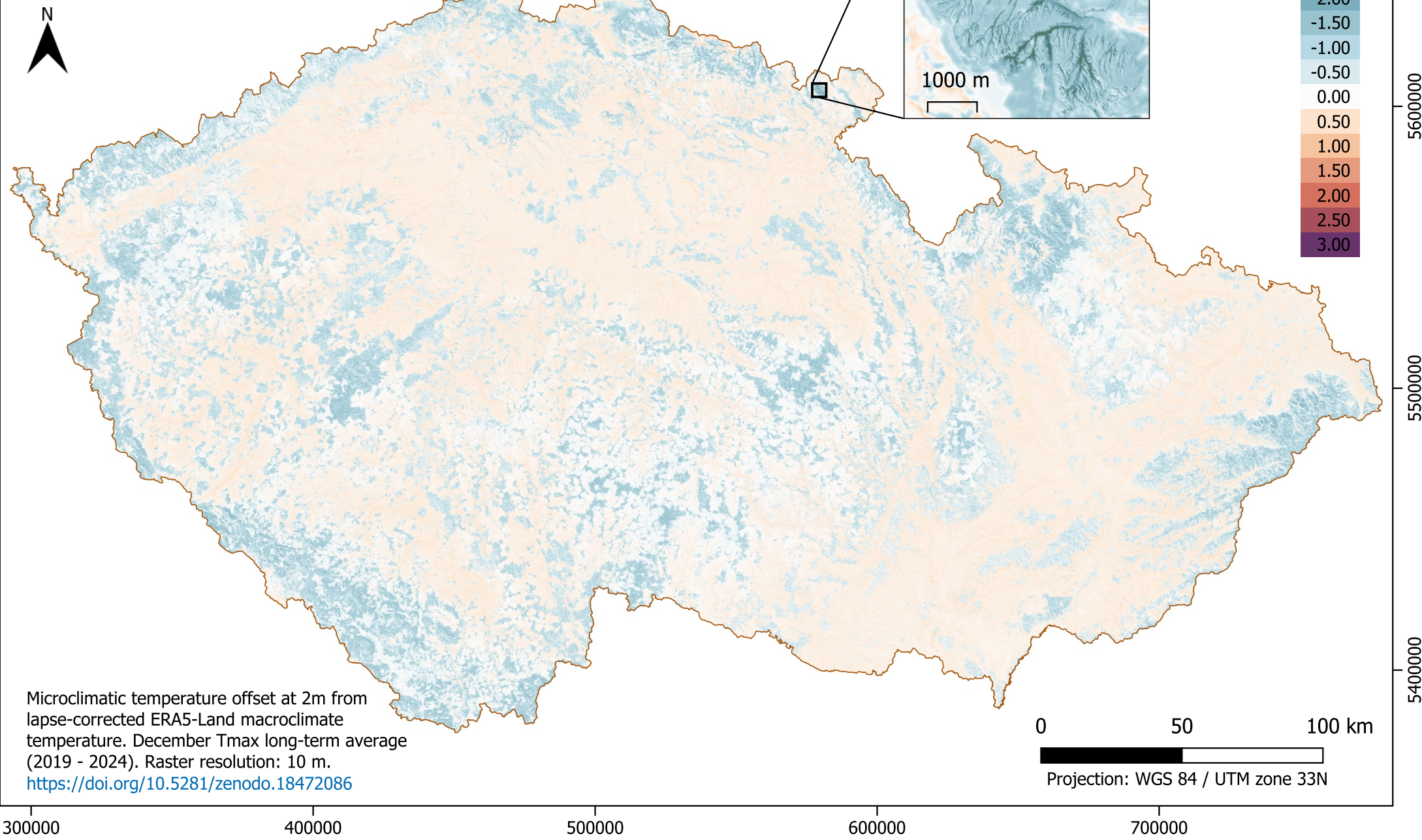


Figure S11

CzechGrids Micro 1.0

Tmax offset - December



Microclimatic temperature offset at 2m from lapse-corrected ERA5-Land macroclimate temperature. December Tmax long-term average (2019 - 2024). Raster resolution: 10 m.
<https://doi.org/10.5281/zenodo.18472086>

Figure S12

CzechGrids Micro 1.0

Tmax offset - Annual

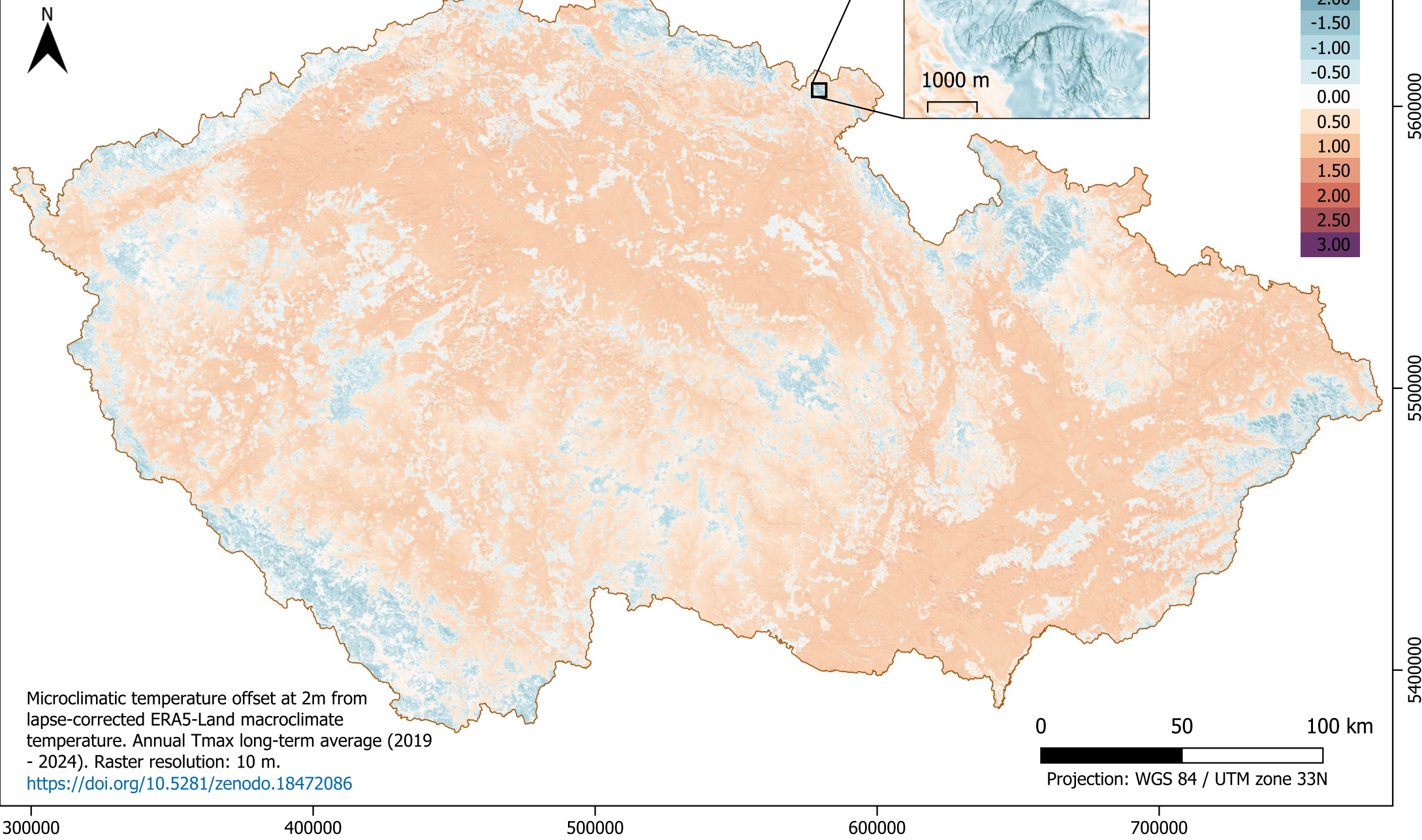


Figure S13

CzechGrids Micro 1.0

Tmean offset - January

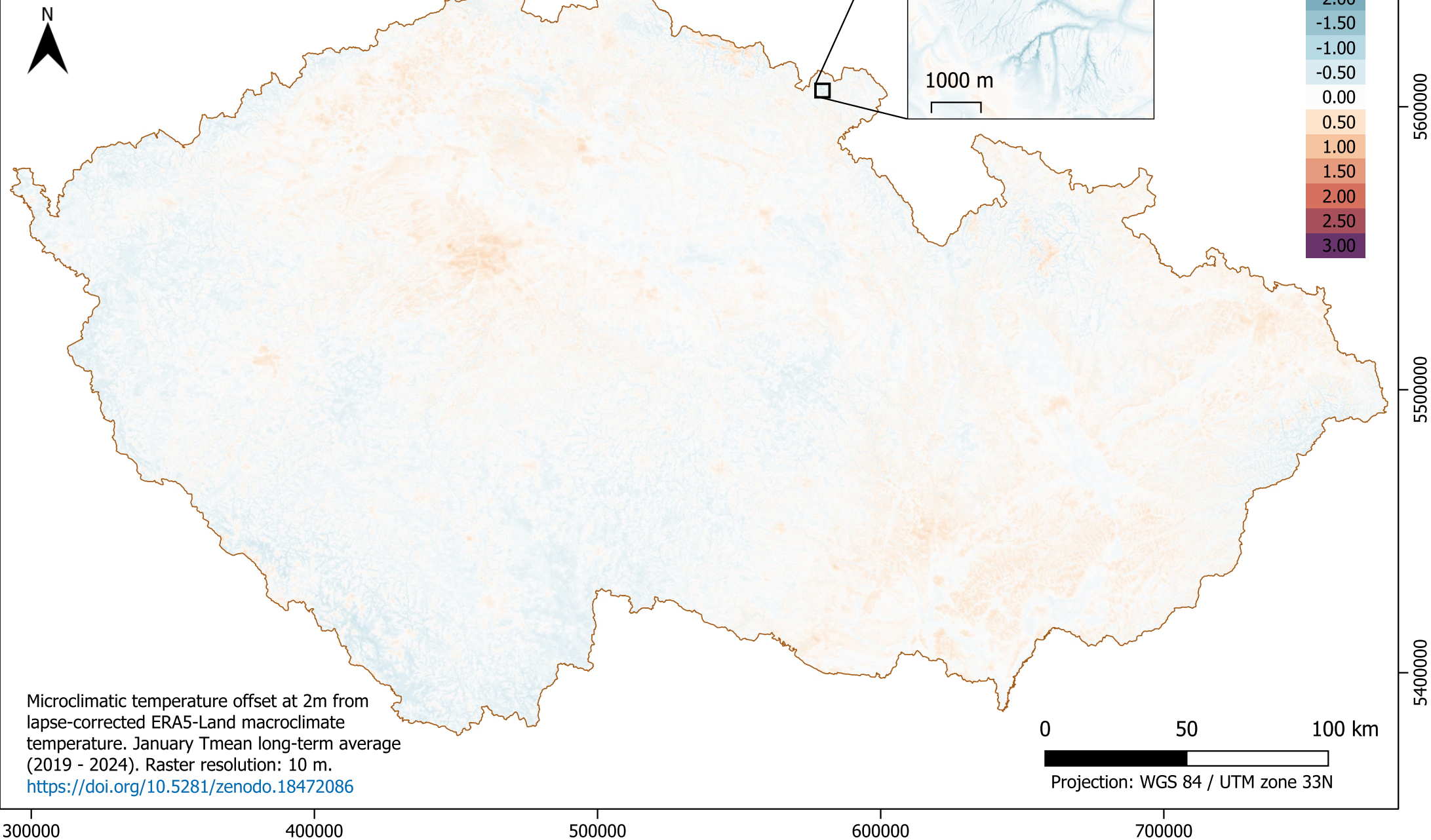


Figure S14

CzechGrids Micro 1.0

Tmean offset - February

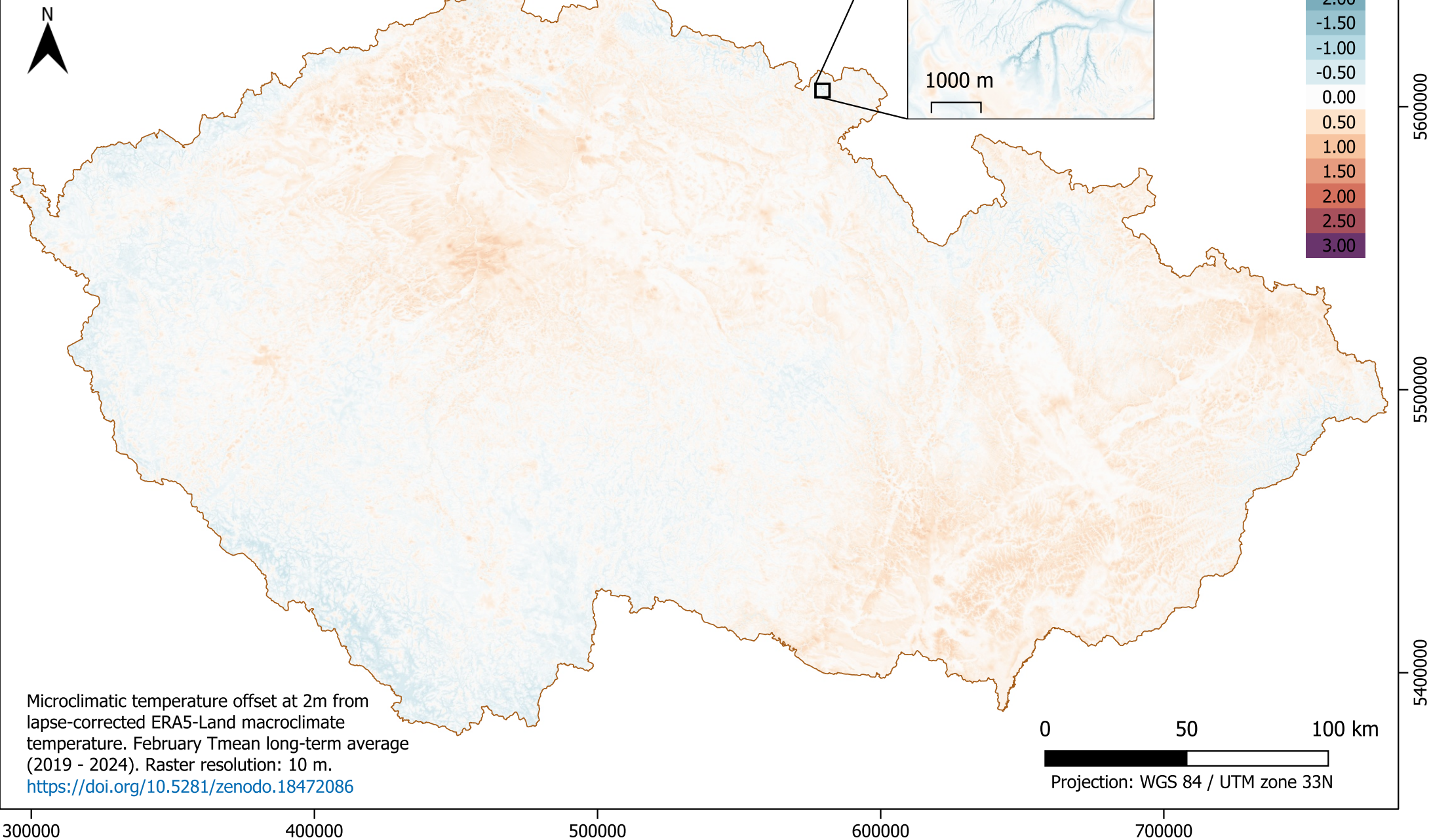


Figure S15

CzechGrids Micro 1.0

Tmean offset - March

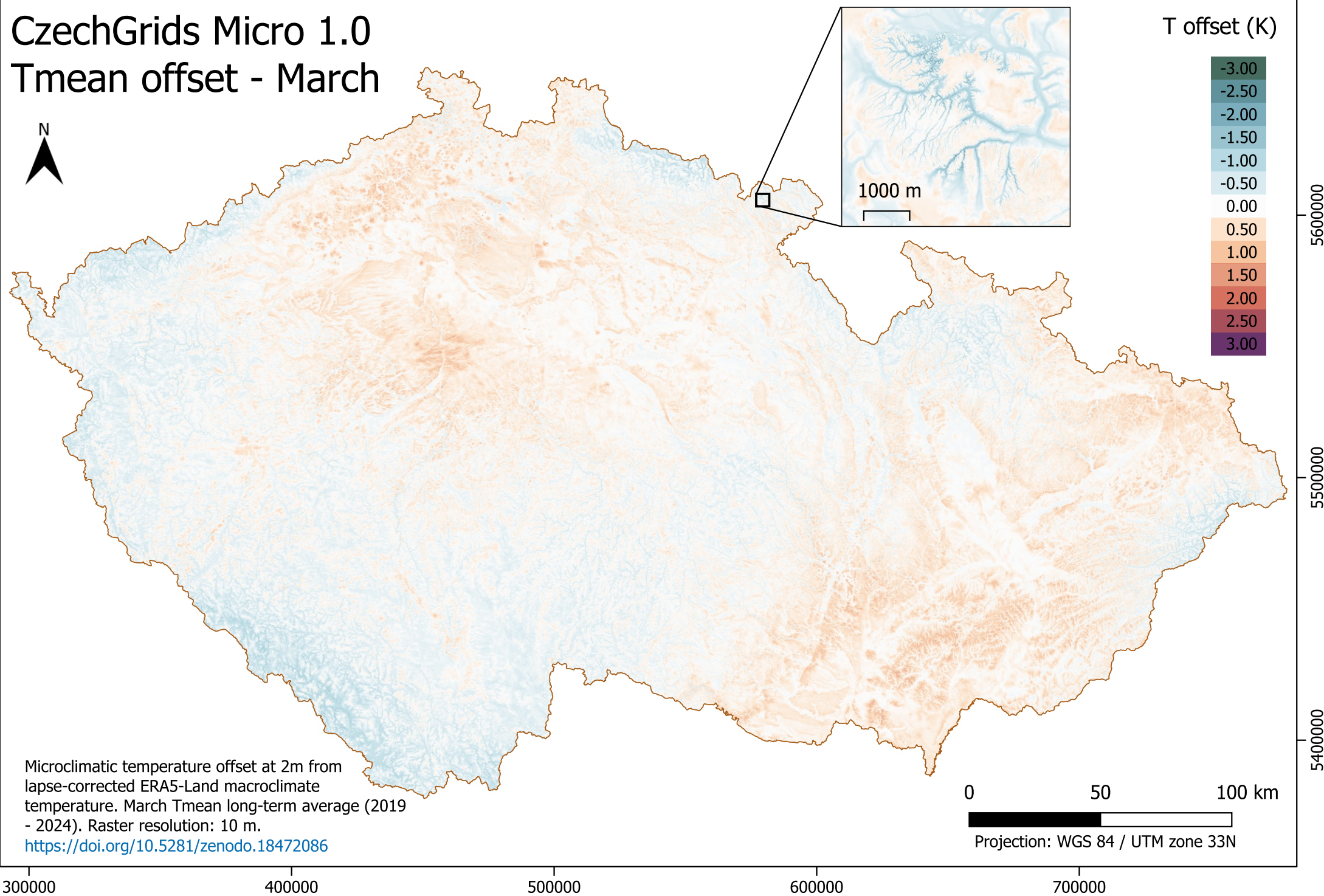


Figure S16

CzechGrids Micro 1.0

Tmean offset - April

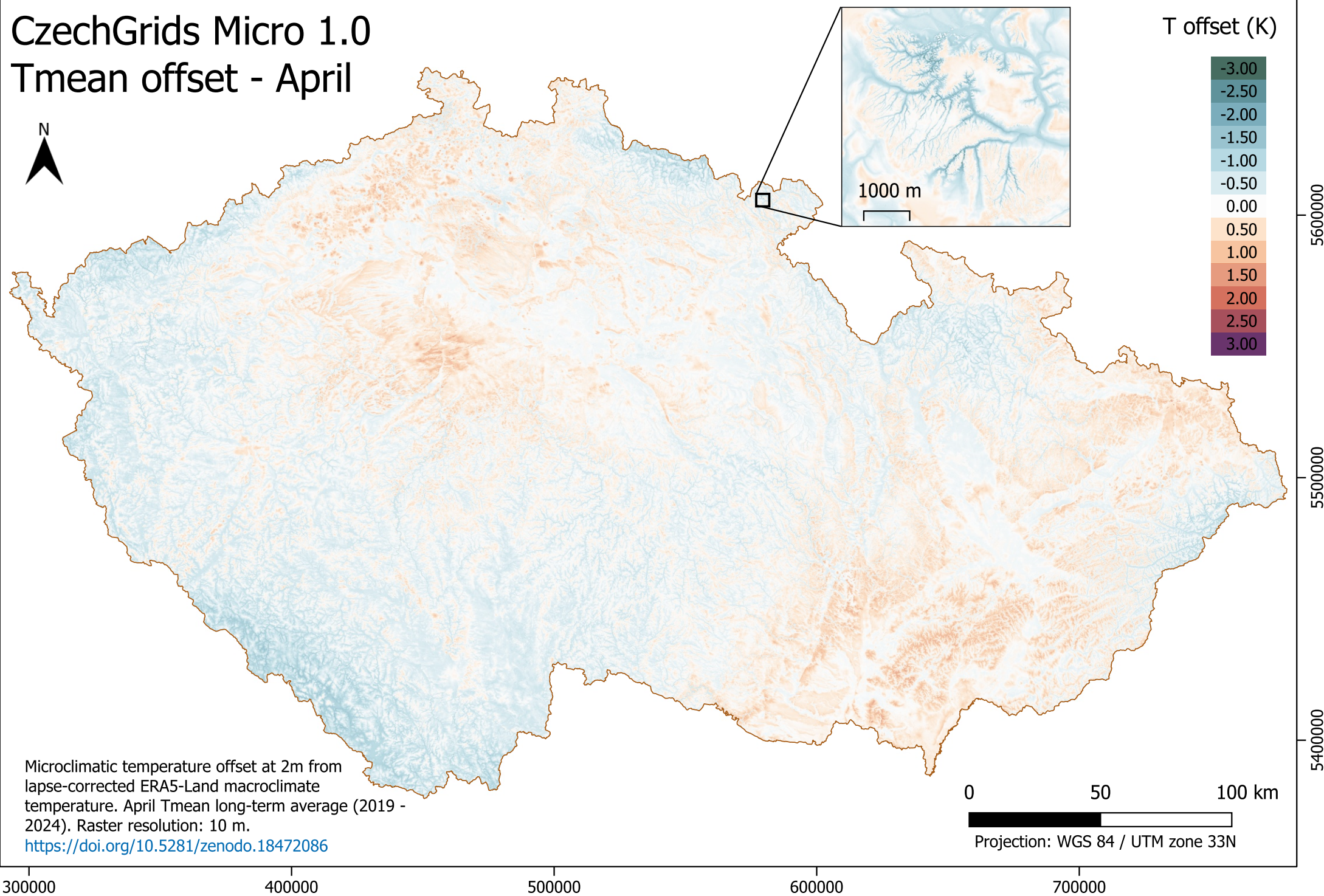
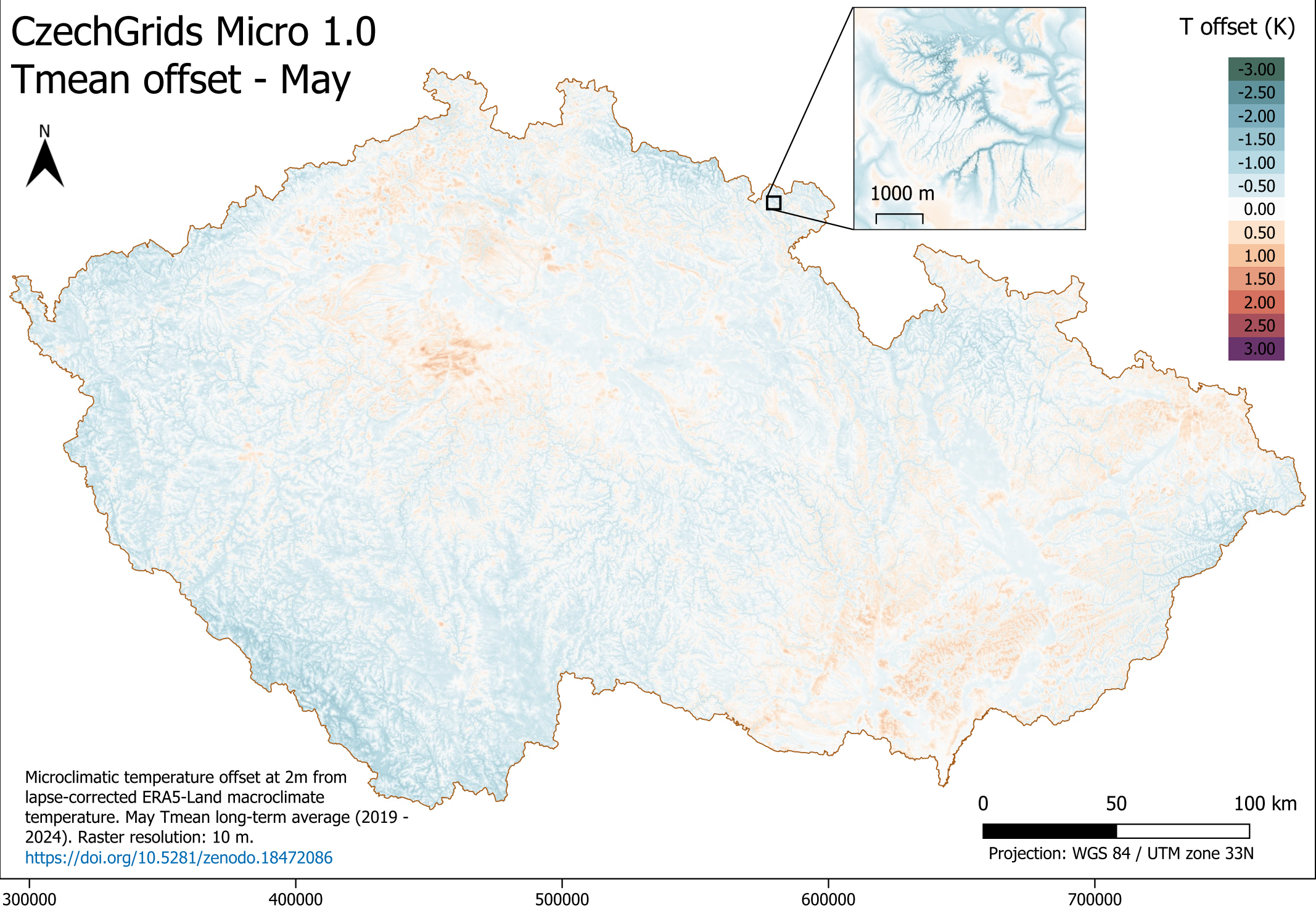


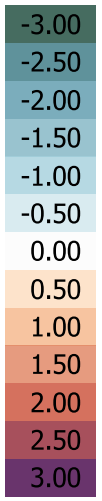
Figure S17

CzechGrids Micro 1.0

Tmean offset - May



T offset (K)



Microclimatic temperature offset at 2m from
lapse-corrected ERA5-Land macroclimate
temperature. May Tmean long-term average (2019 -
2024). Raster resolution: 10 m.
<https://doi.org/10.5281/zenodo.18472086>

0 50 100 km

Projection: WGS 84 / UTM zone 33N

Figure S18

CzechGrids Micro 1.0

Tmean offset - June

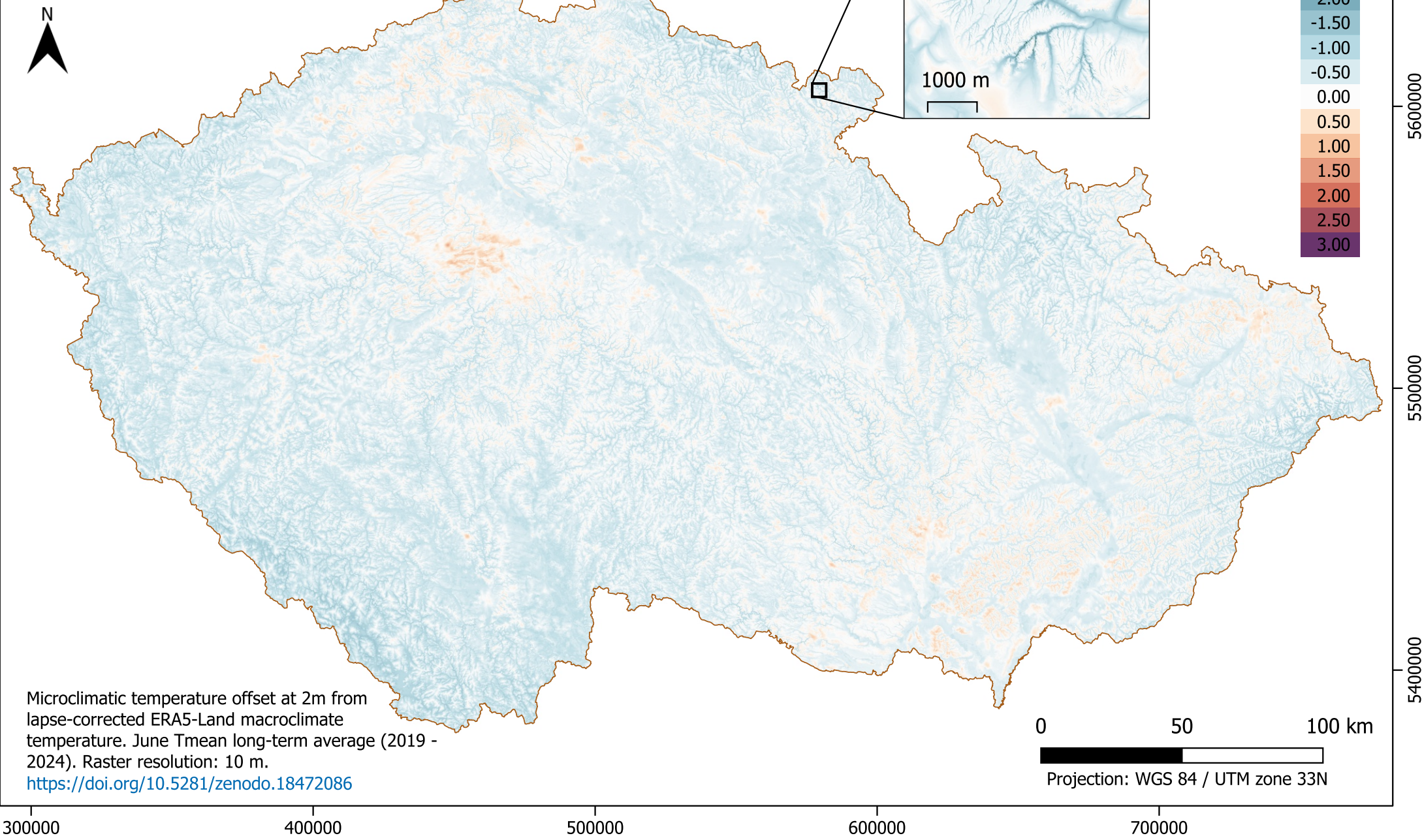


Figure S19

CzechGrids Micro 1.0

Tmean offset - July

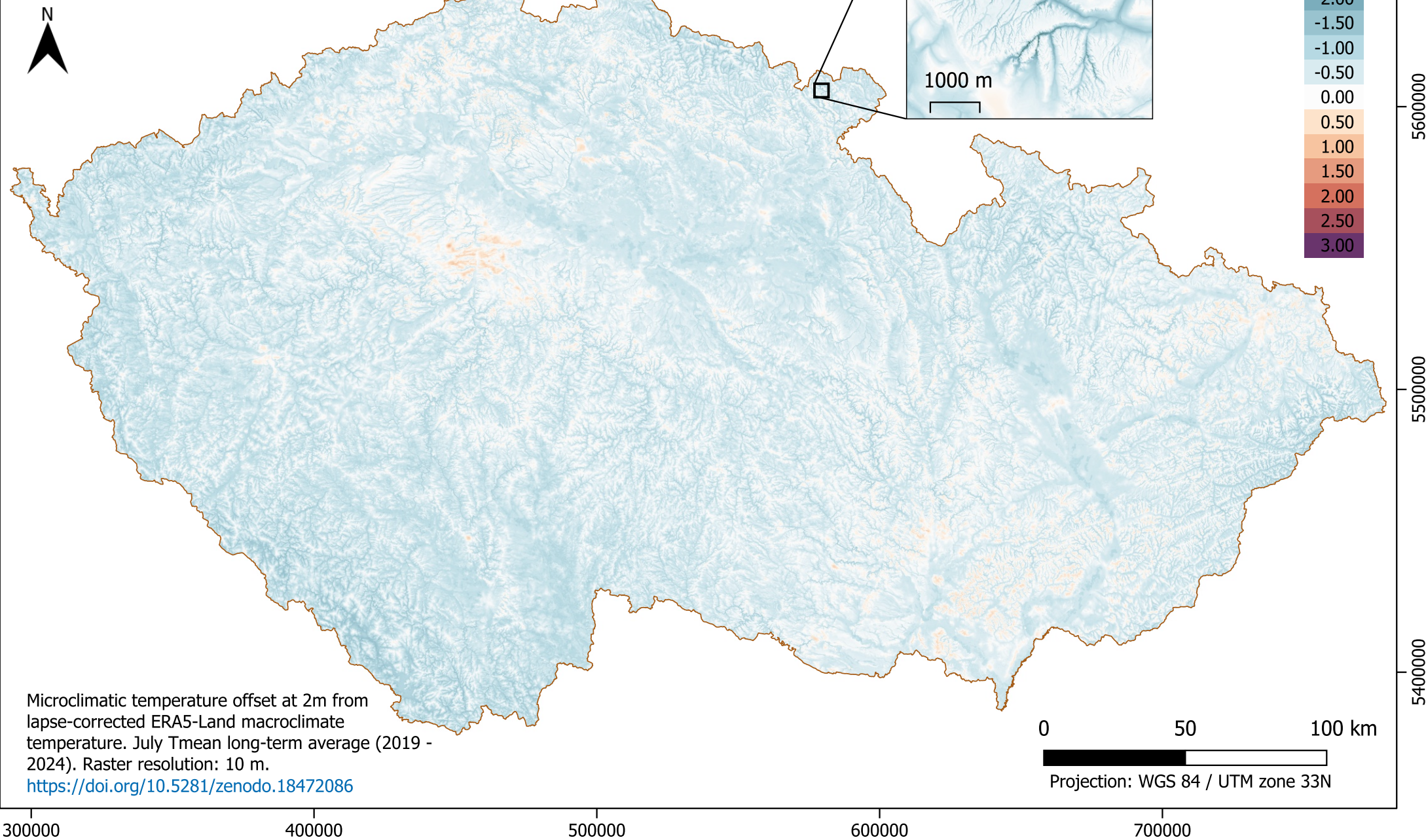


Figure S20

CzechGrids Micro 1.0

Tmean offset - August

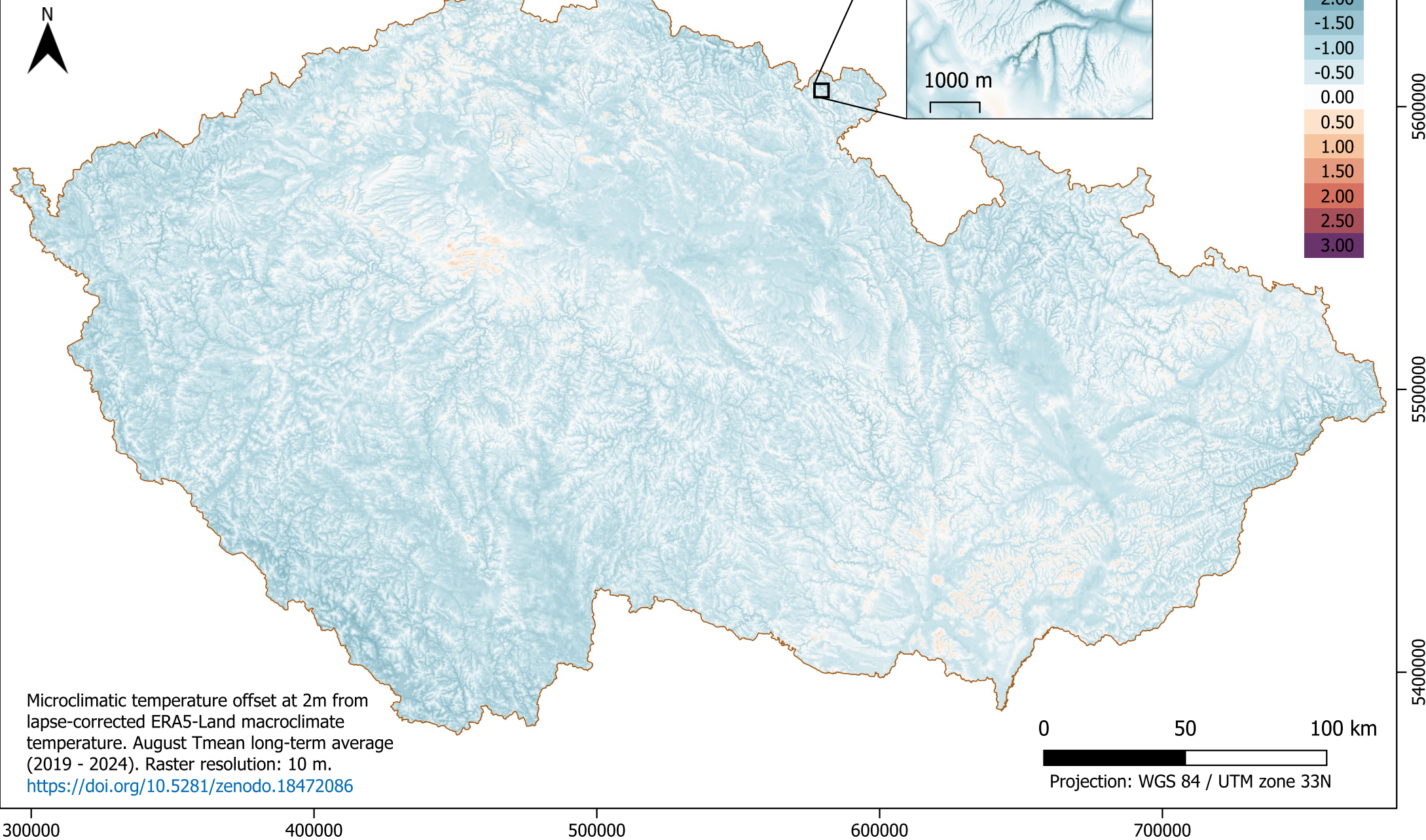


Figure S21

CzechGrids Micro 1.0

Tmean offset - September

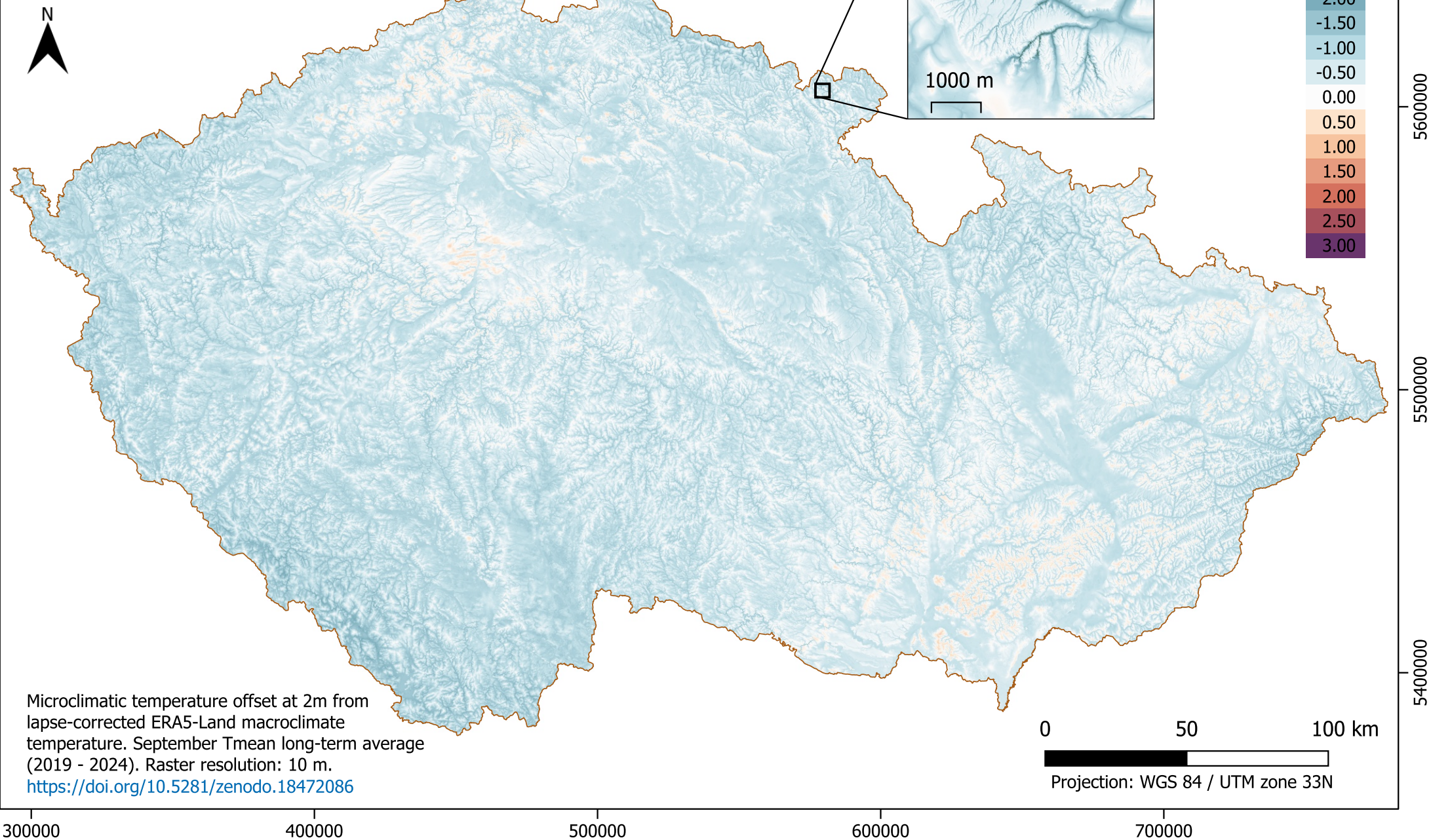


Figure S22

CzechGrids Micro 1.0

Tmean offset - October

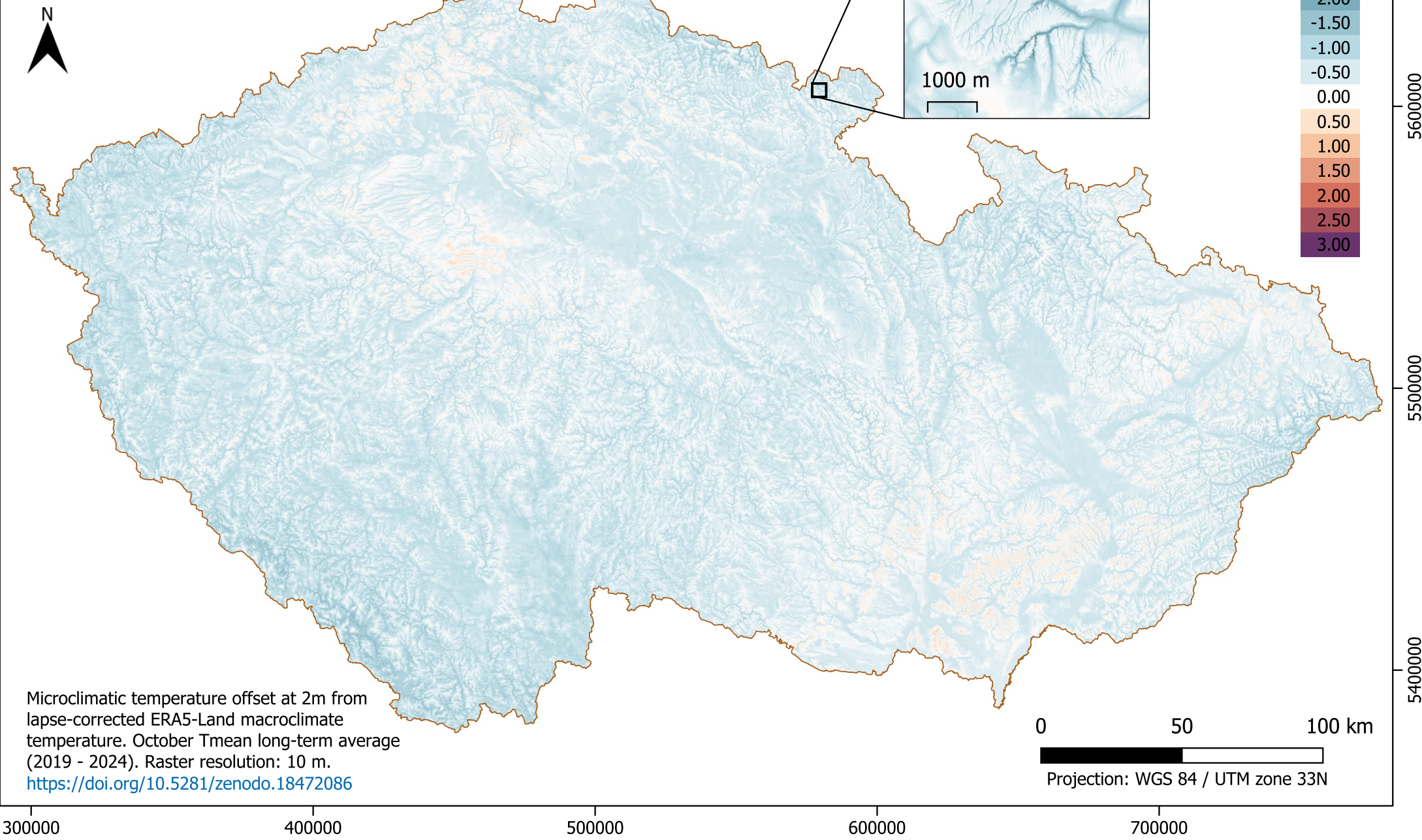


Figure S23

CzechGrids Micro 1.0

Tmean offset - November

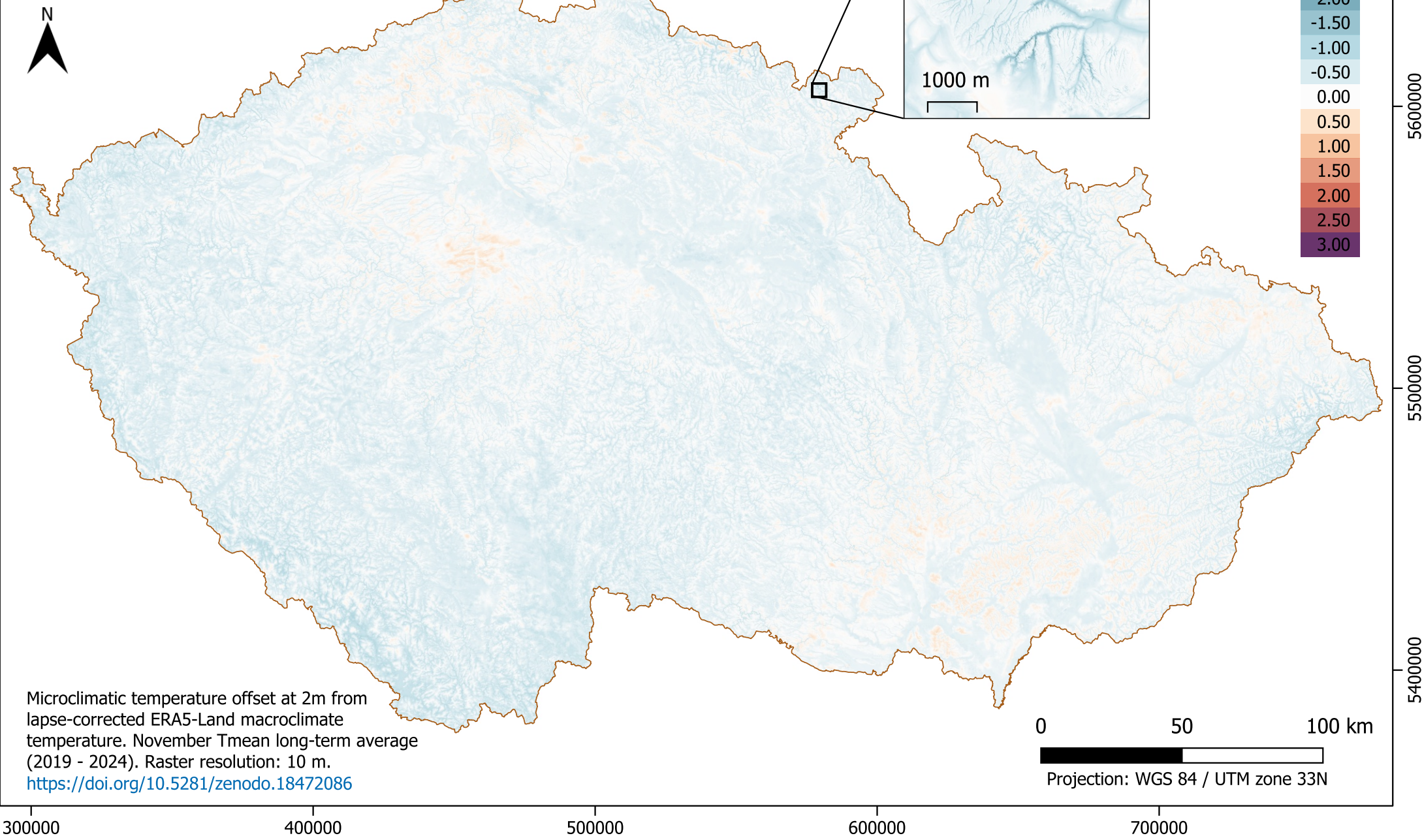


Figure S24

CzechGrids Micro 1.0

Tmean offset - December

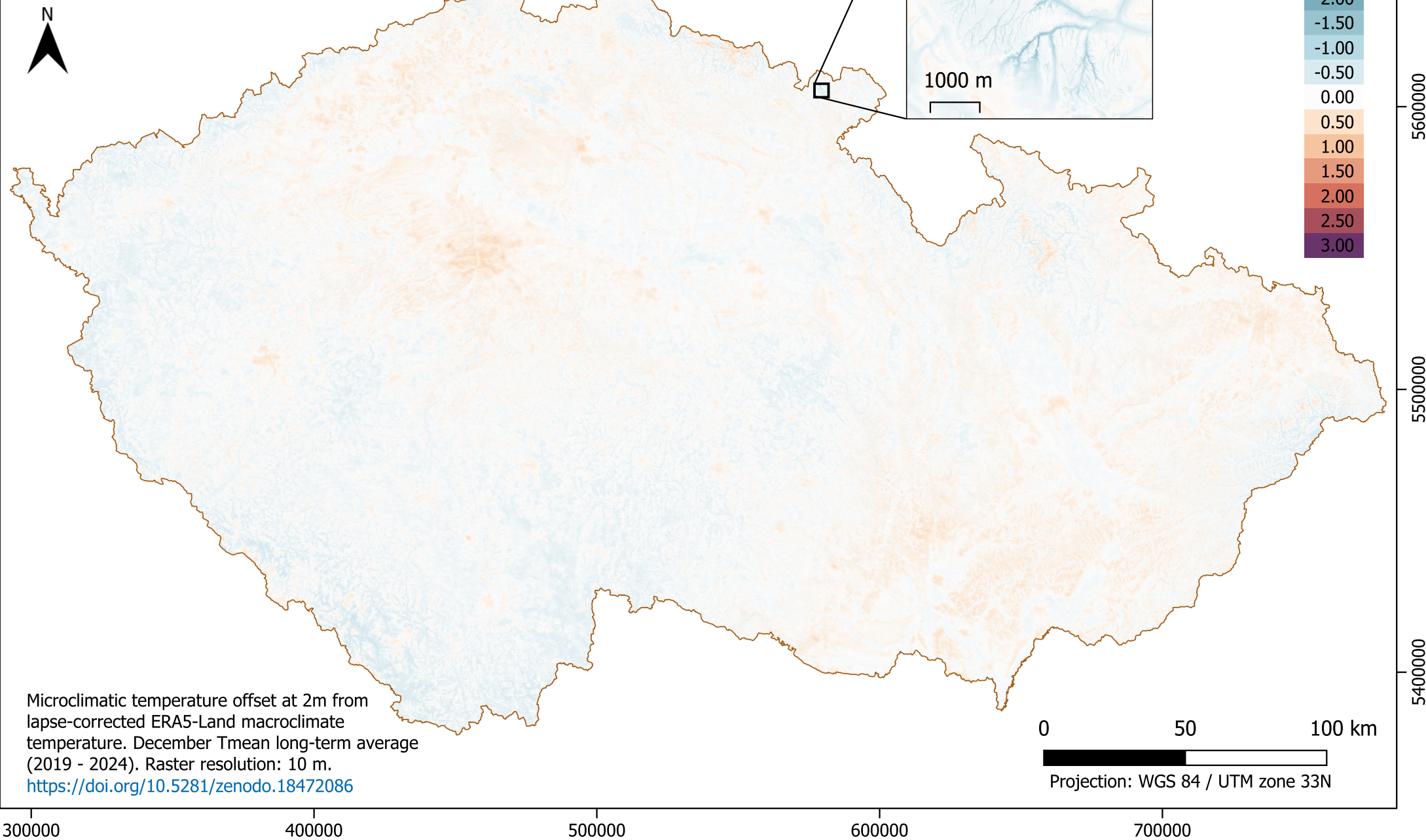


Figure S25

CzechGrids Micro 1.0

Tmean offset - Annual

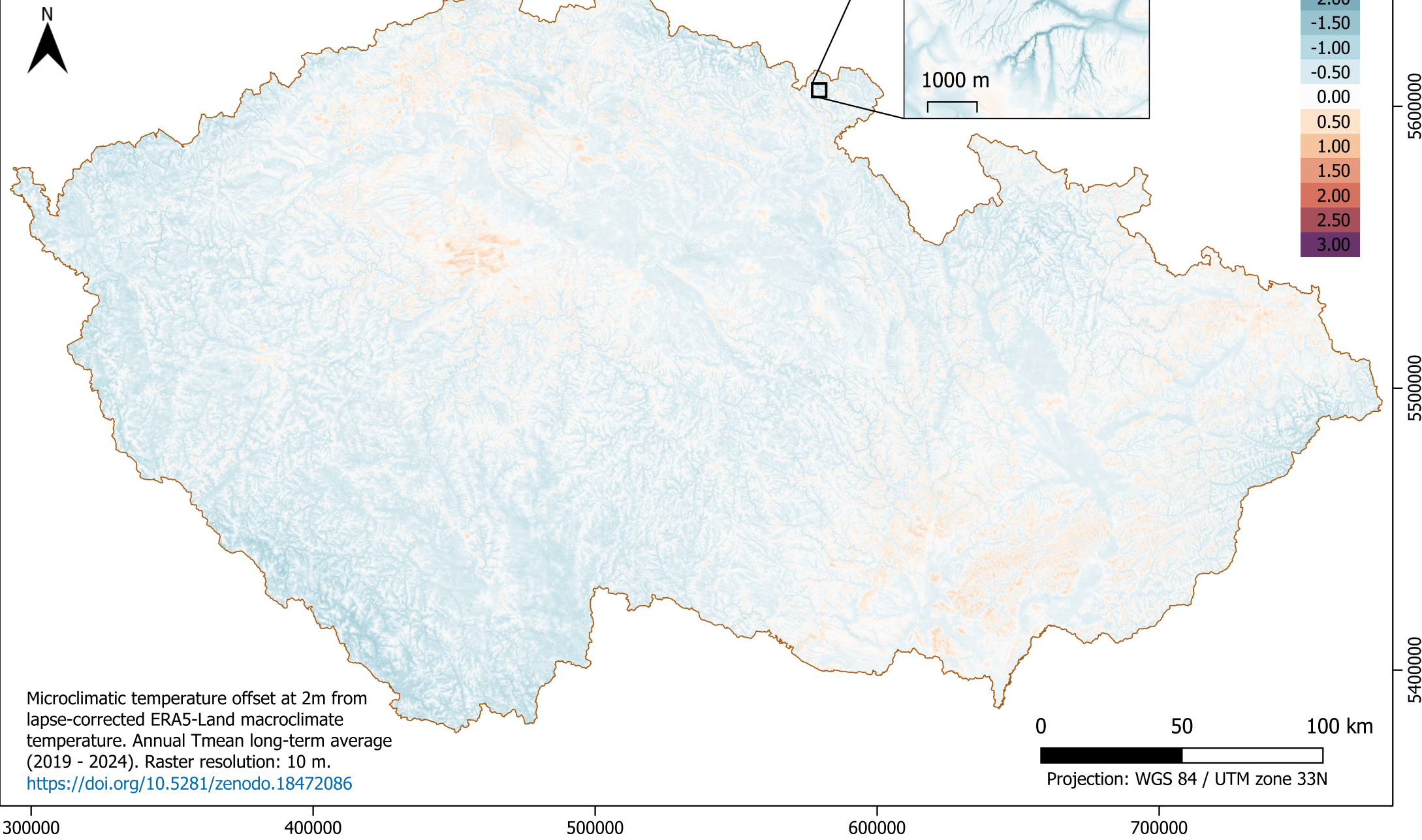


Figure S26

CzechGrids Micro 1.0

Tmin offset - January

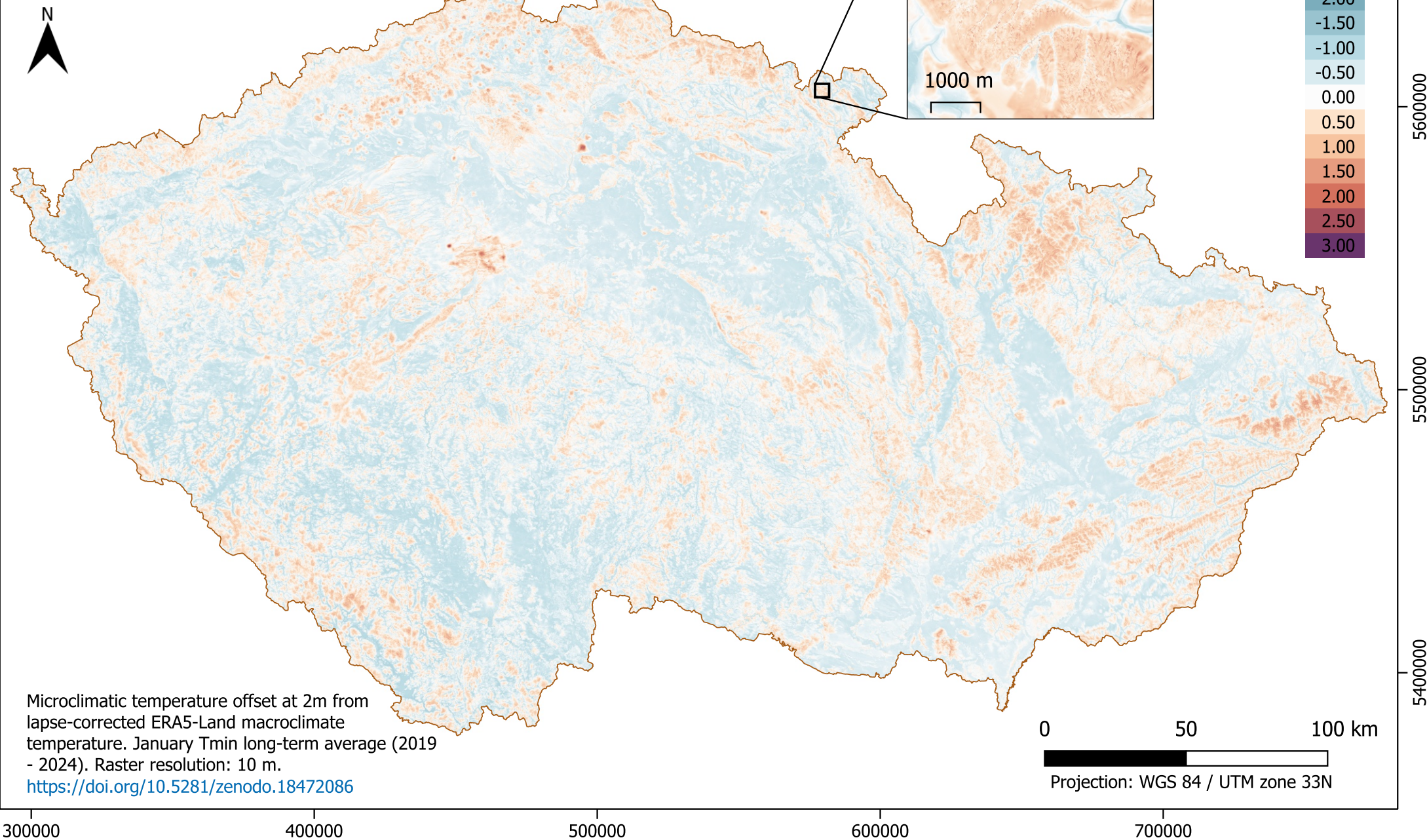


Figure S27

CzechGrids Micro 1.0

Tmin offset - February

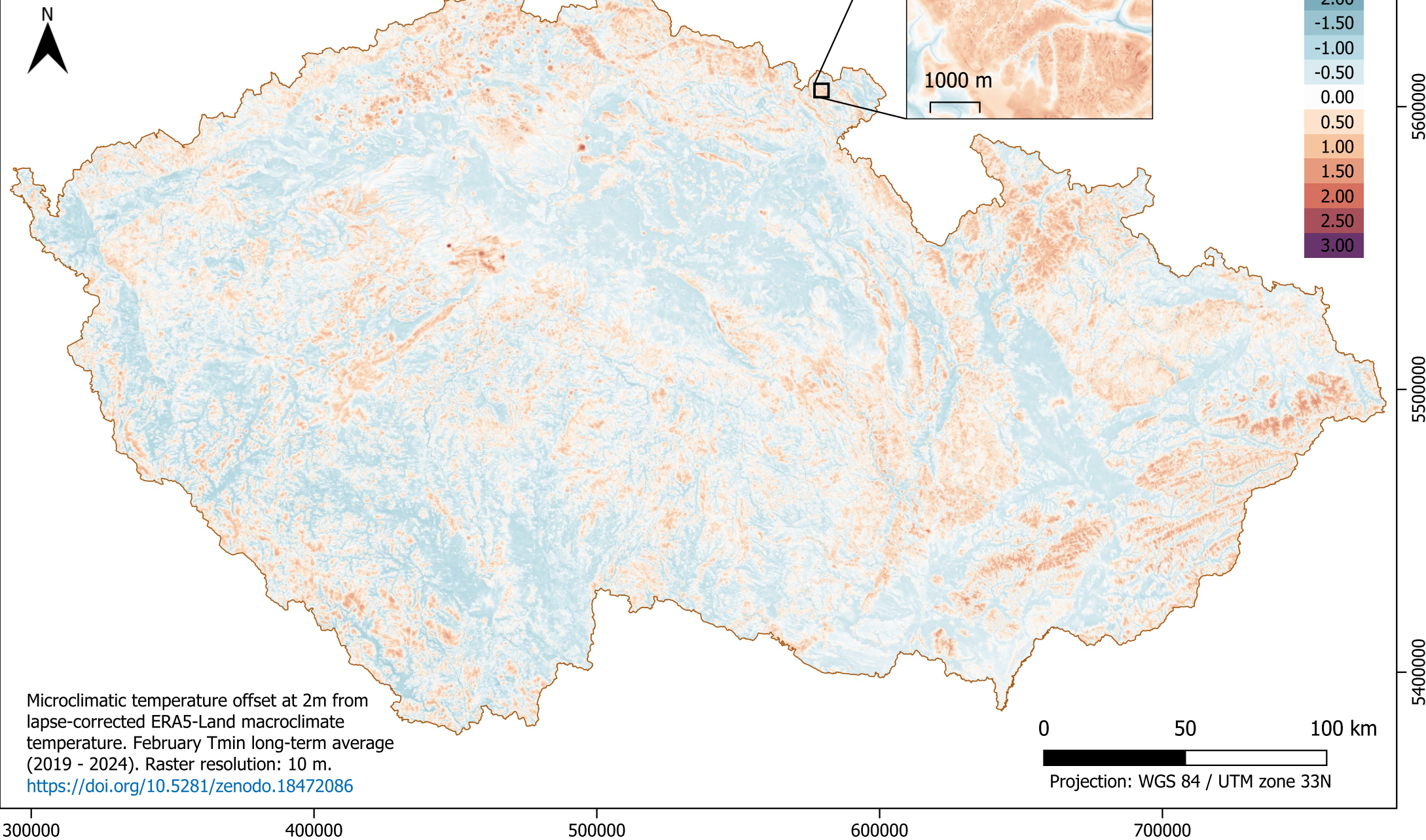


Figure S28

CzechGrids Micro 1.0

Tmin offset - March

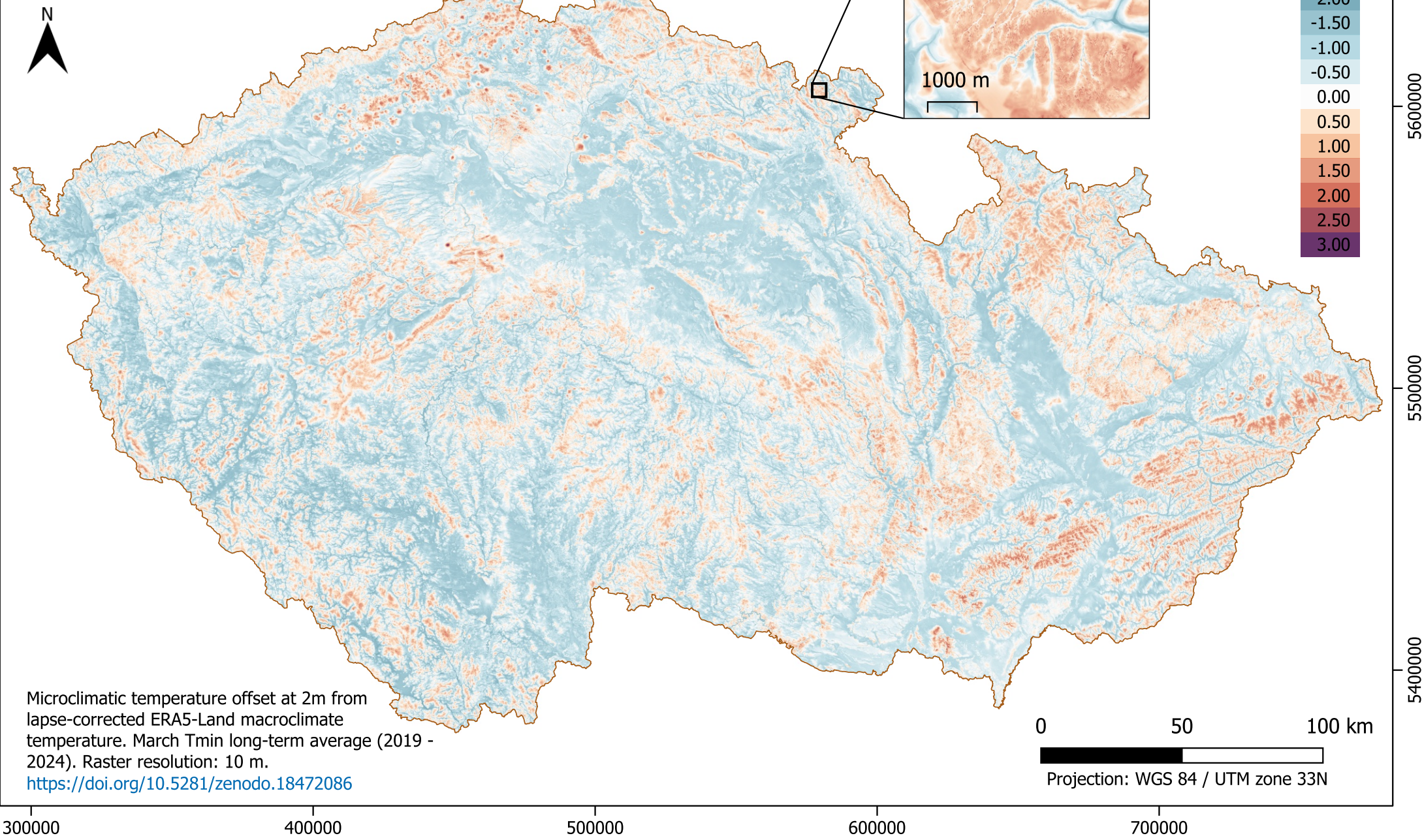


Figure S29

CzechGrids Micro 1.0

Tmin offset - April

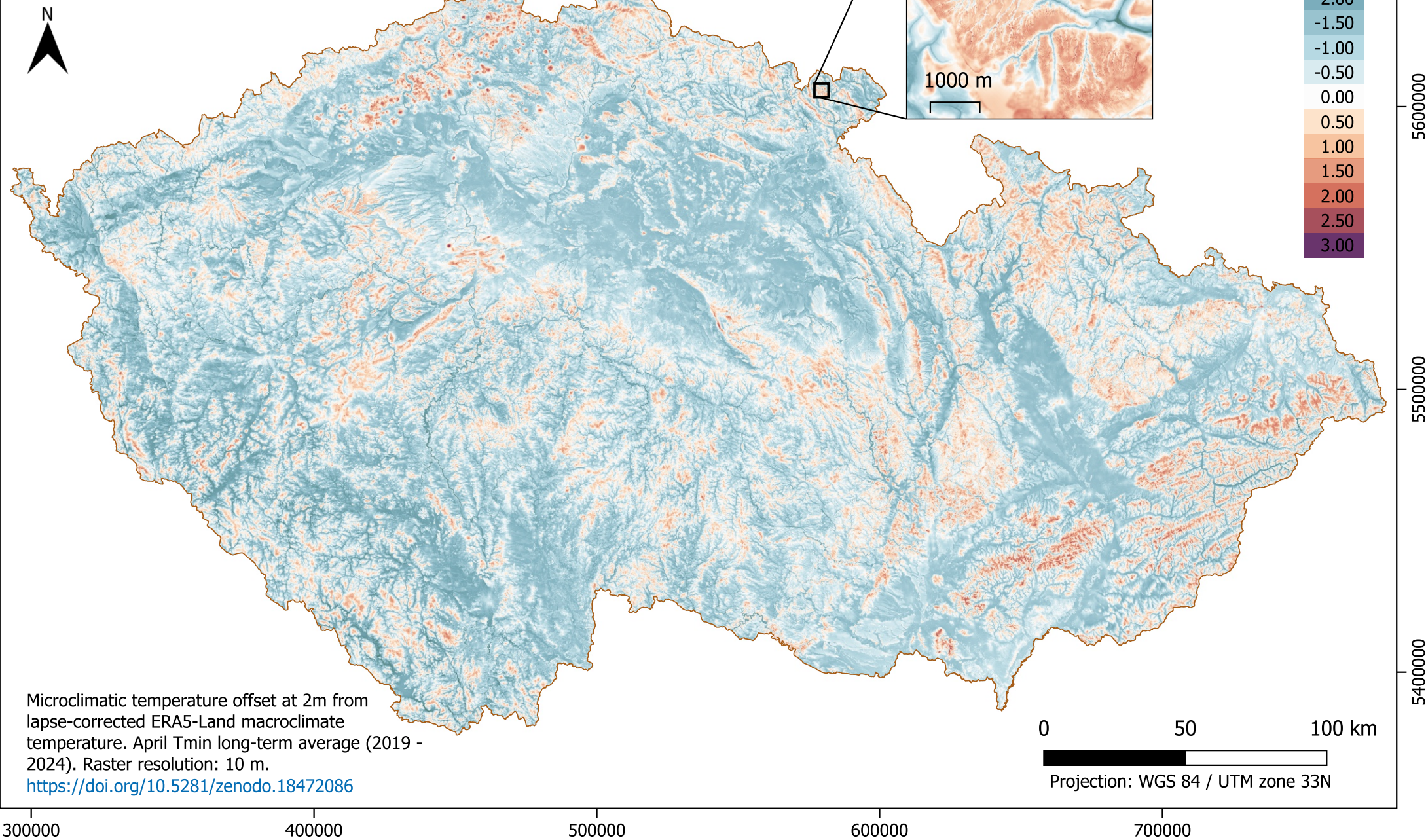


Figure S30

CzechGrids Micro 1.0

Tmin offset - May

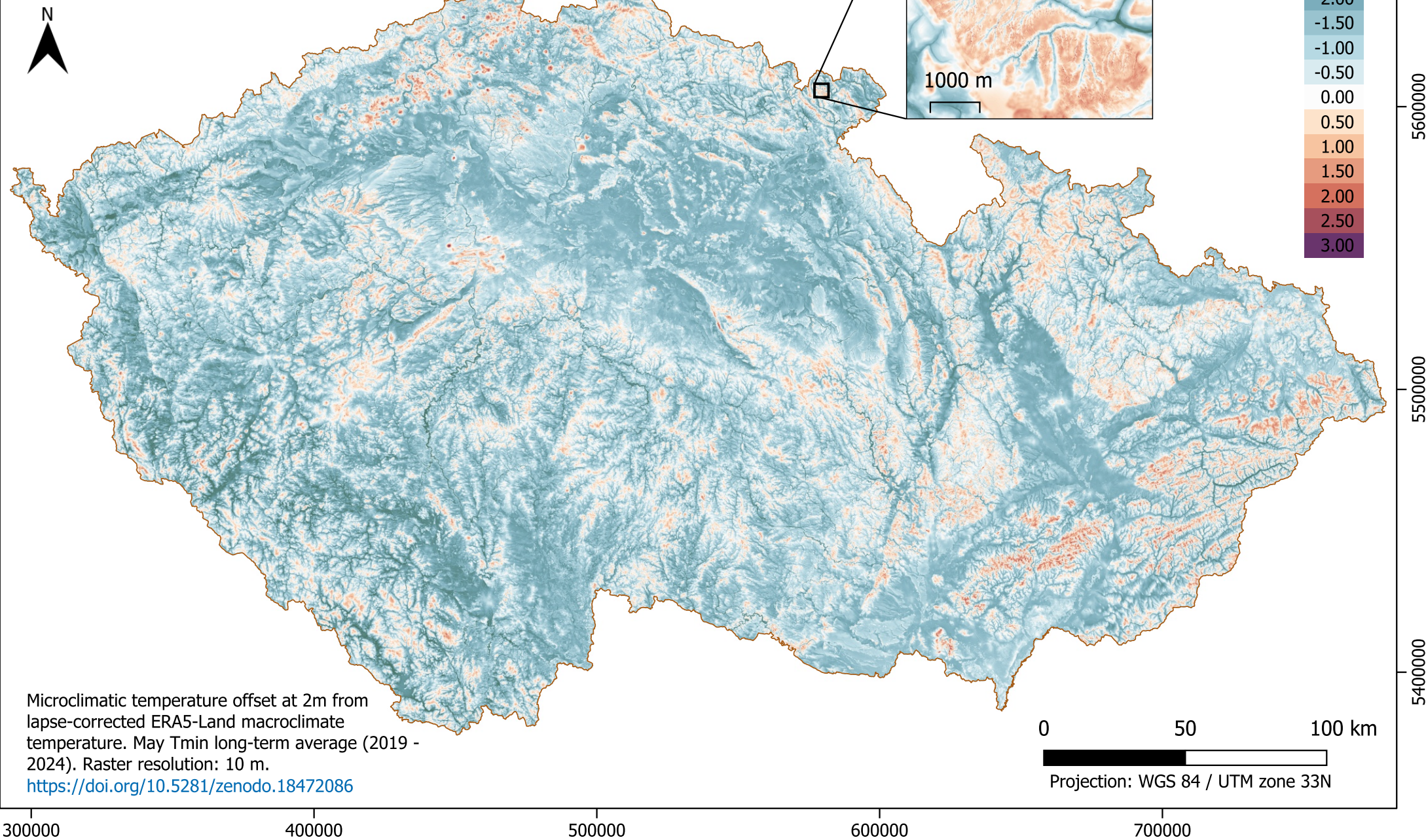


Figure S31

CzechGrids Micro 1.0

Tmin offset - June

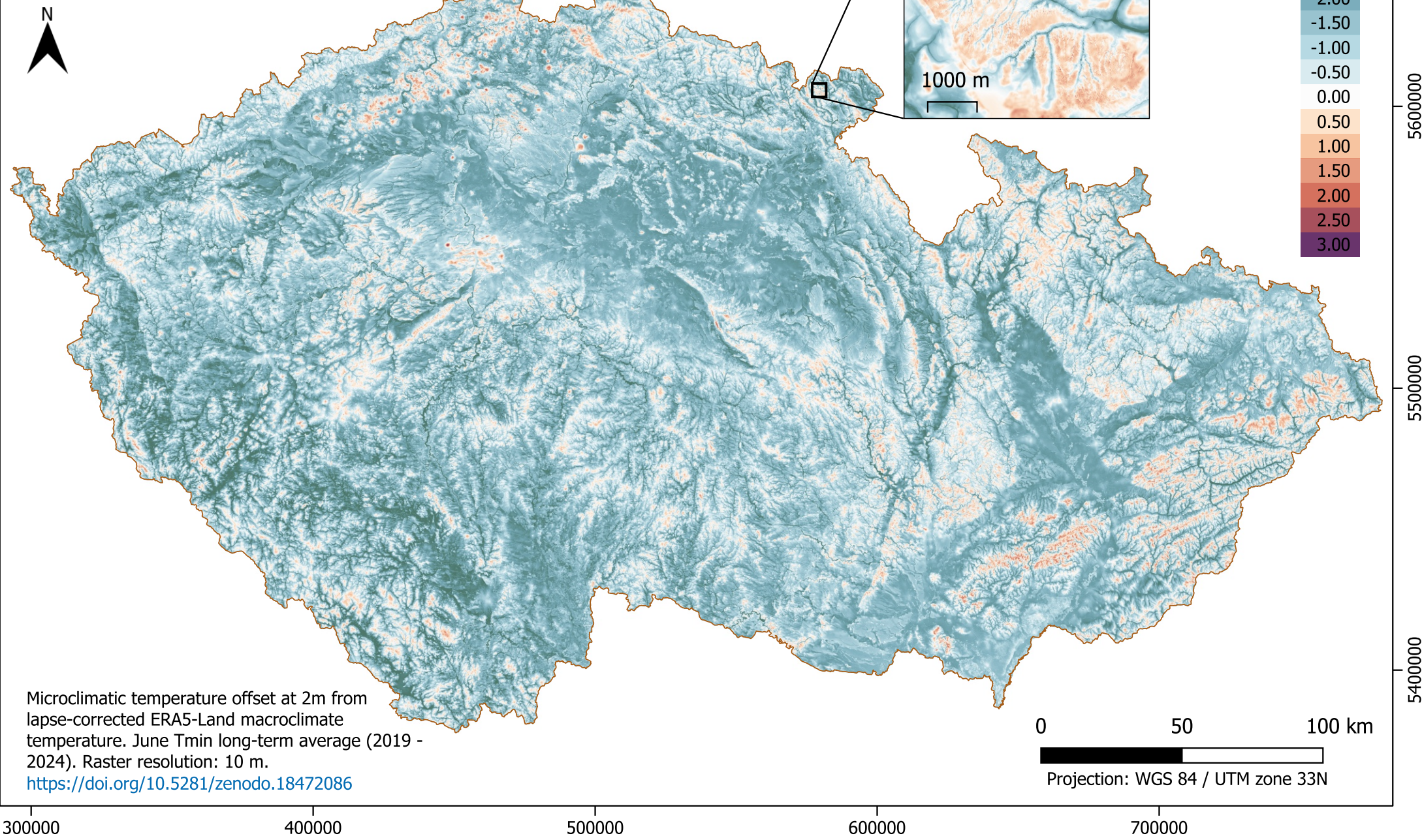


Figure S32

CzechGrids Micro 1.0

Tmin offset - July

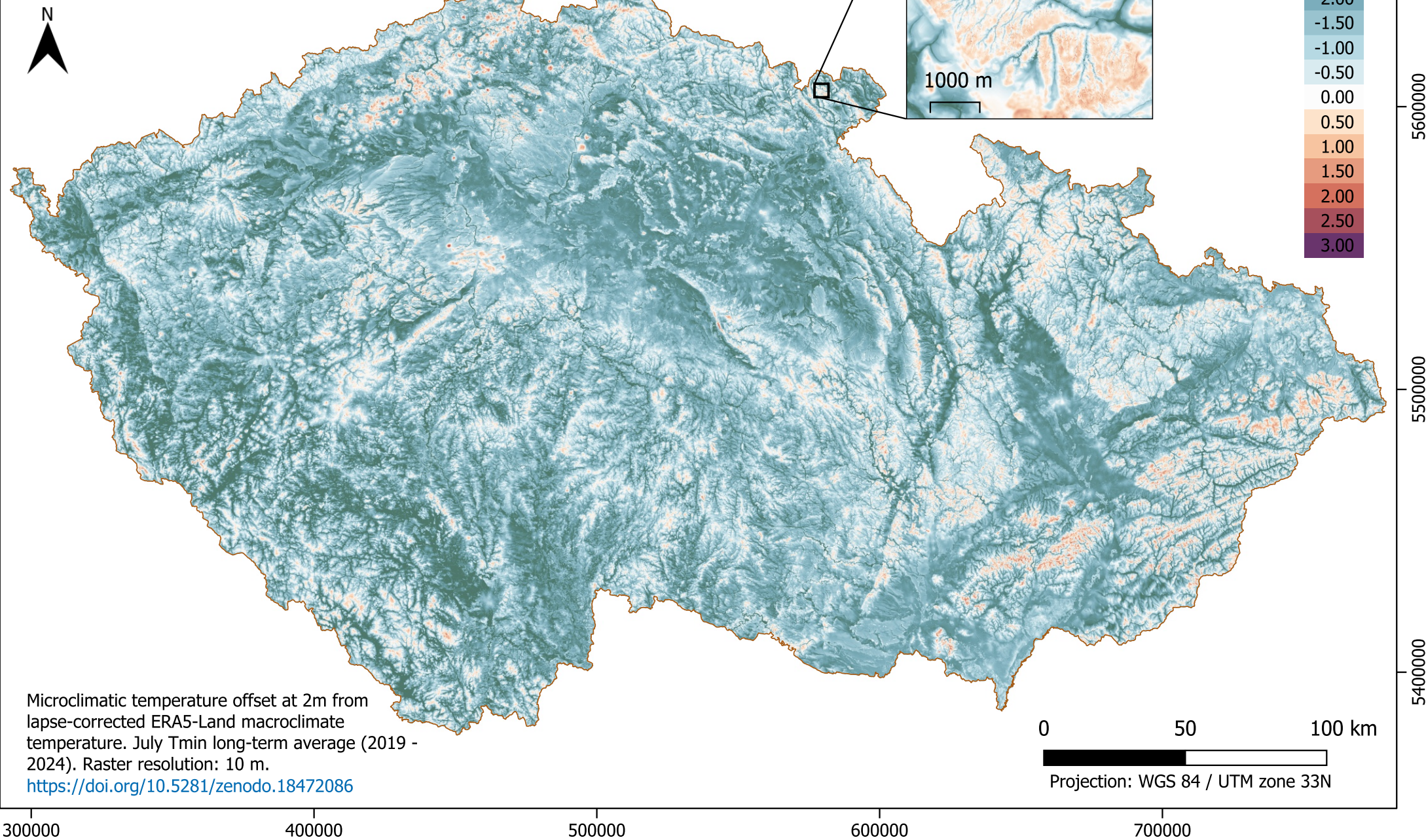


Figure S33

CzechGrids Micro 1.0

Tmin offset - August

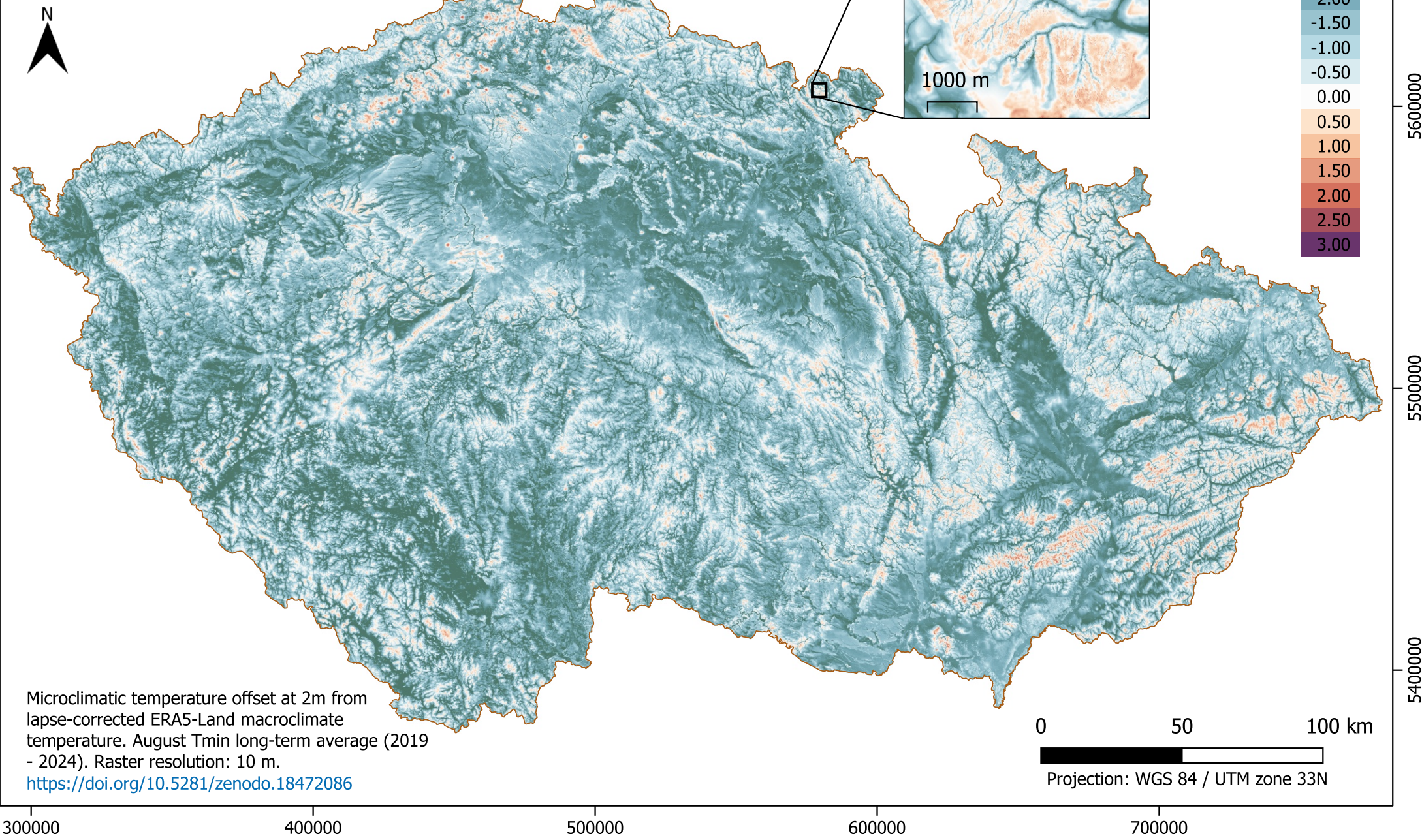


Figure S34

CzechGrids Micro 1.0

Tmin offset - September

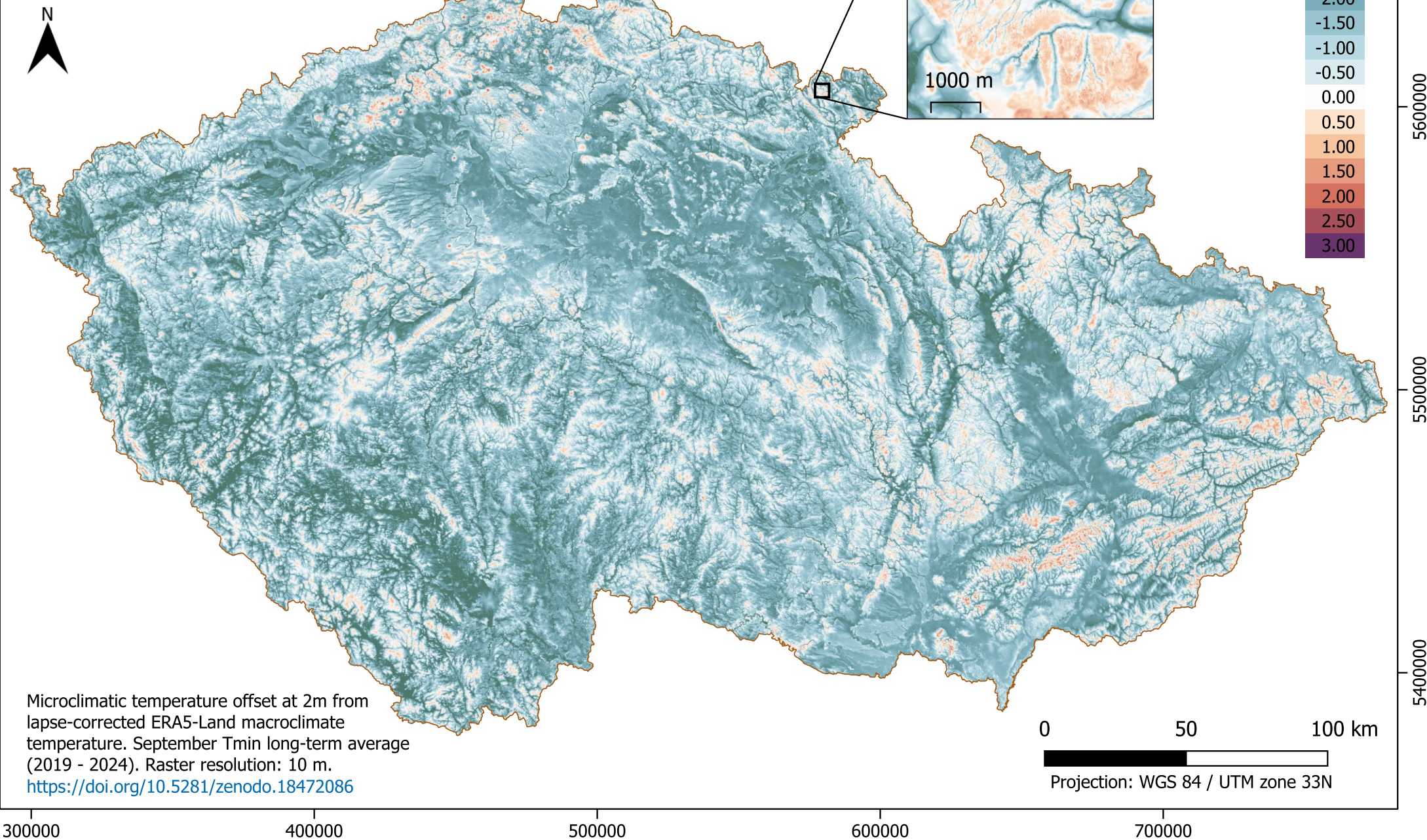


Figure S35

CzechGrids Micro 1.0

Tmin offset - October

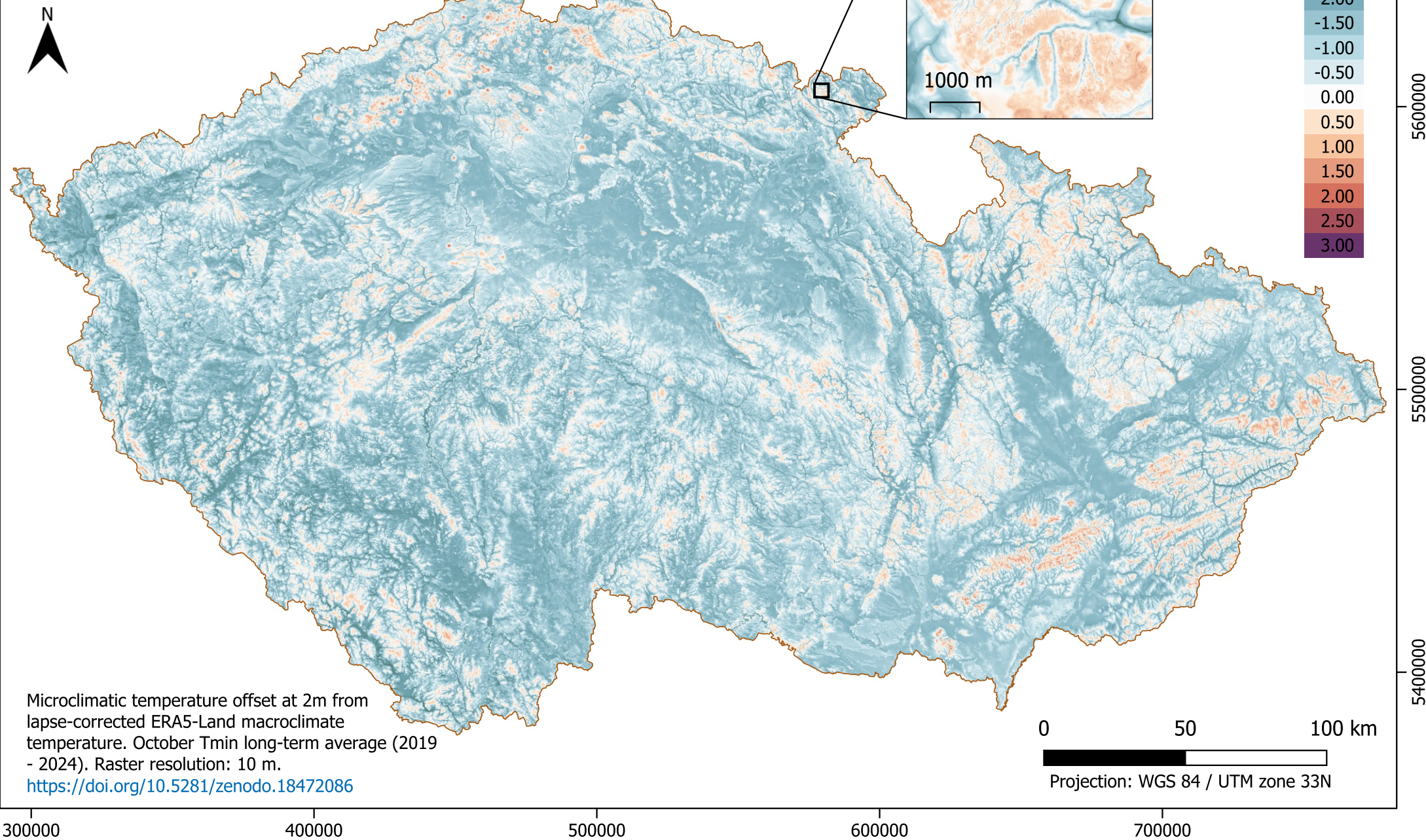


Figure S36

CzechGrids Micro 1.0

Tmin offset - November

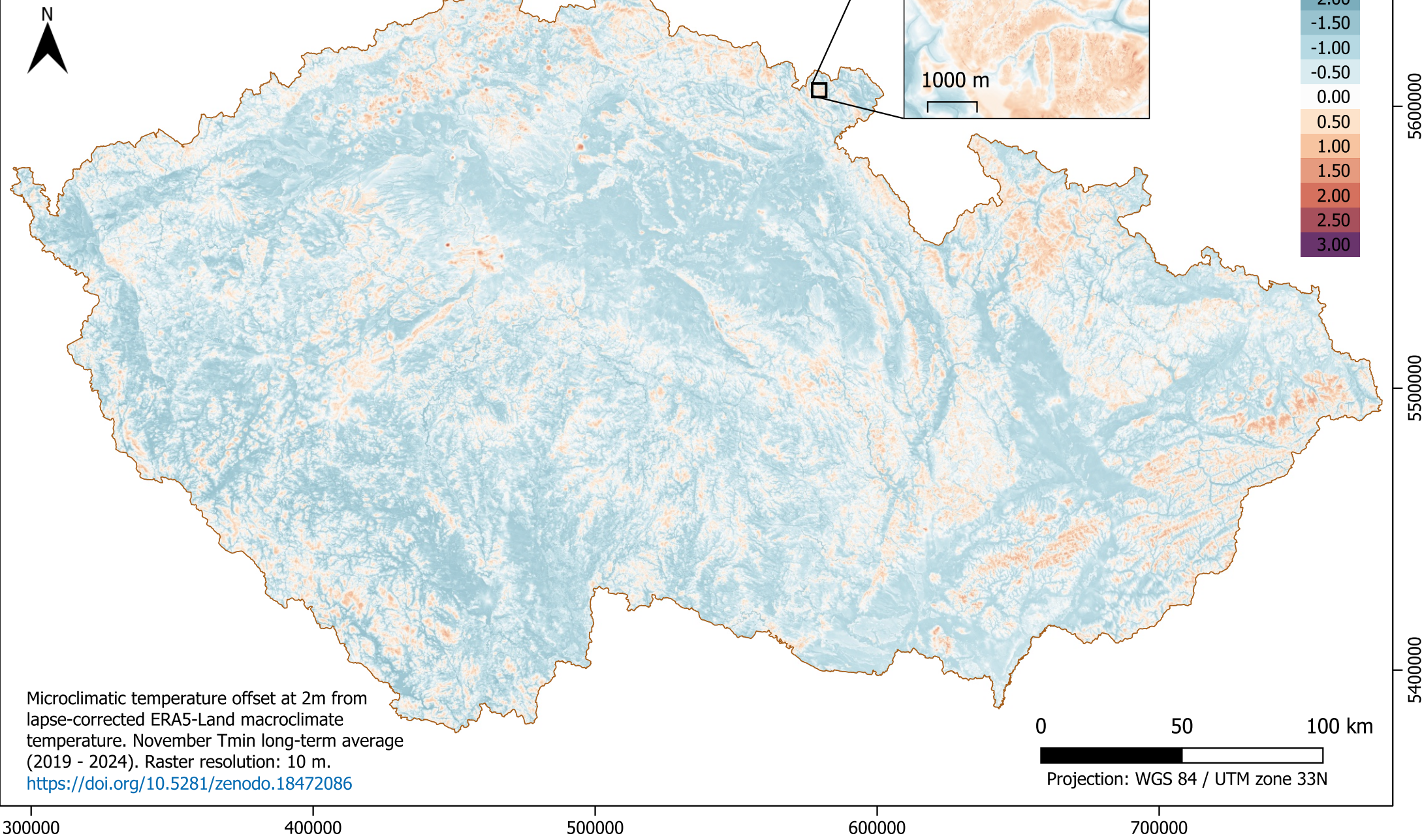


Figure S37

CzechGrids Micro 1.0

Tmin offset - December

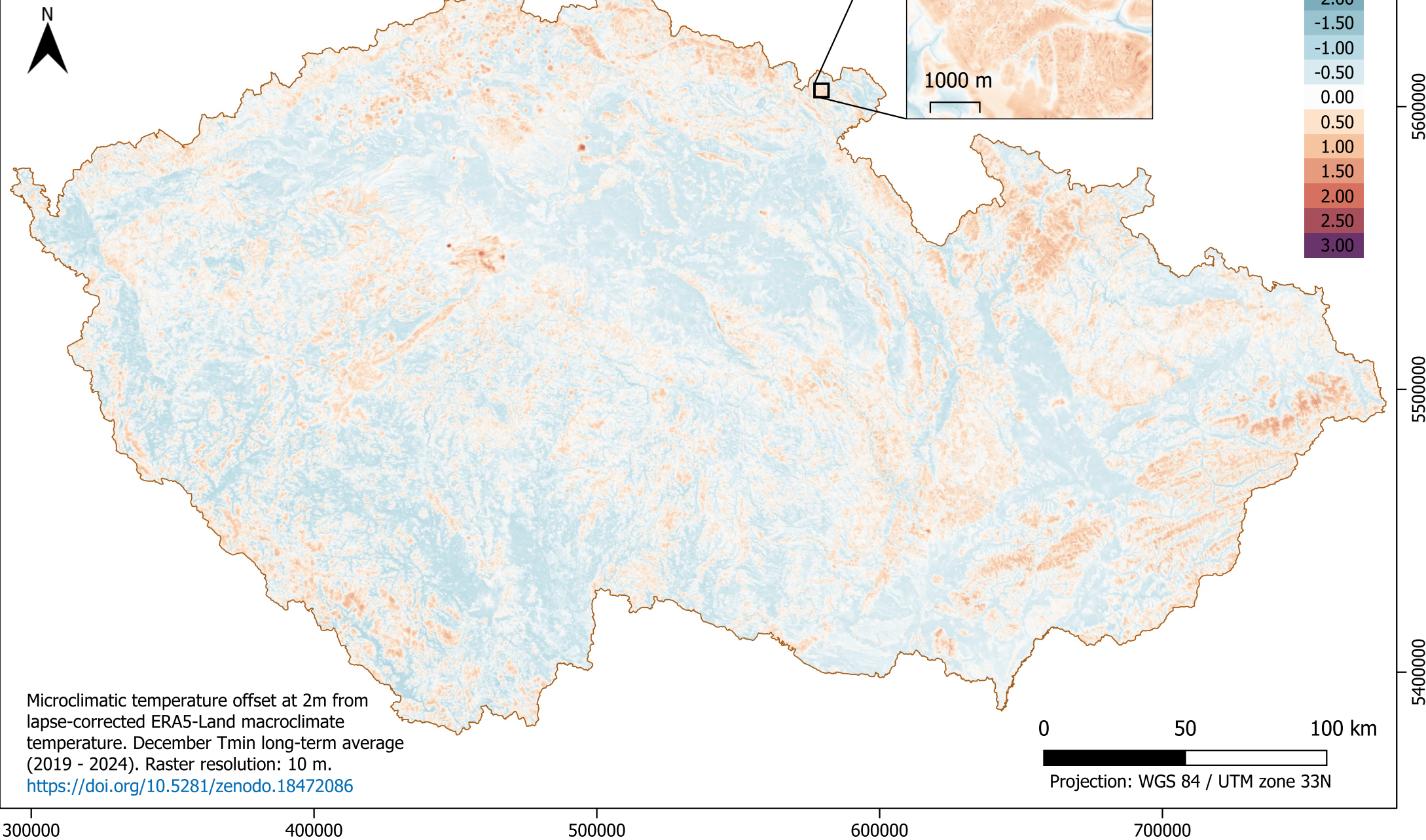


Figure S38

CzechGrids Micro 1.0

Tmin offset - Annual

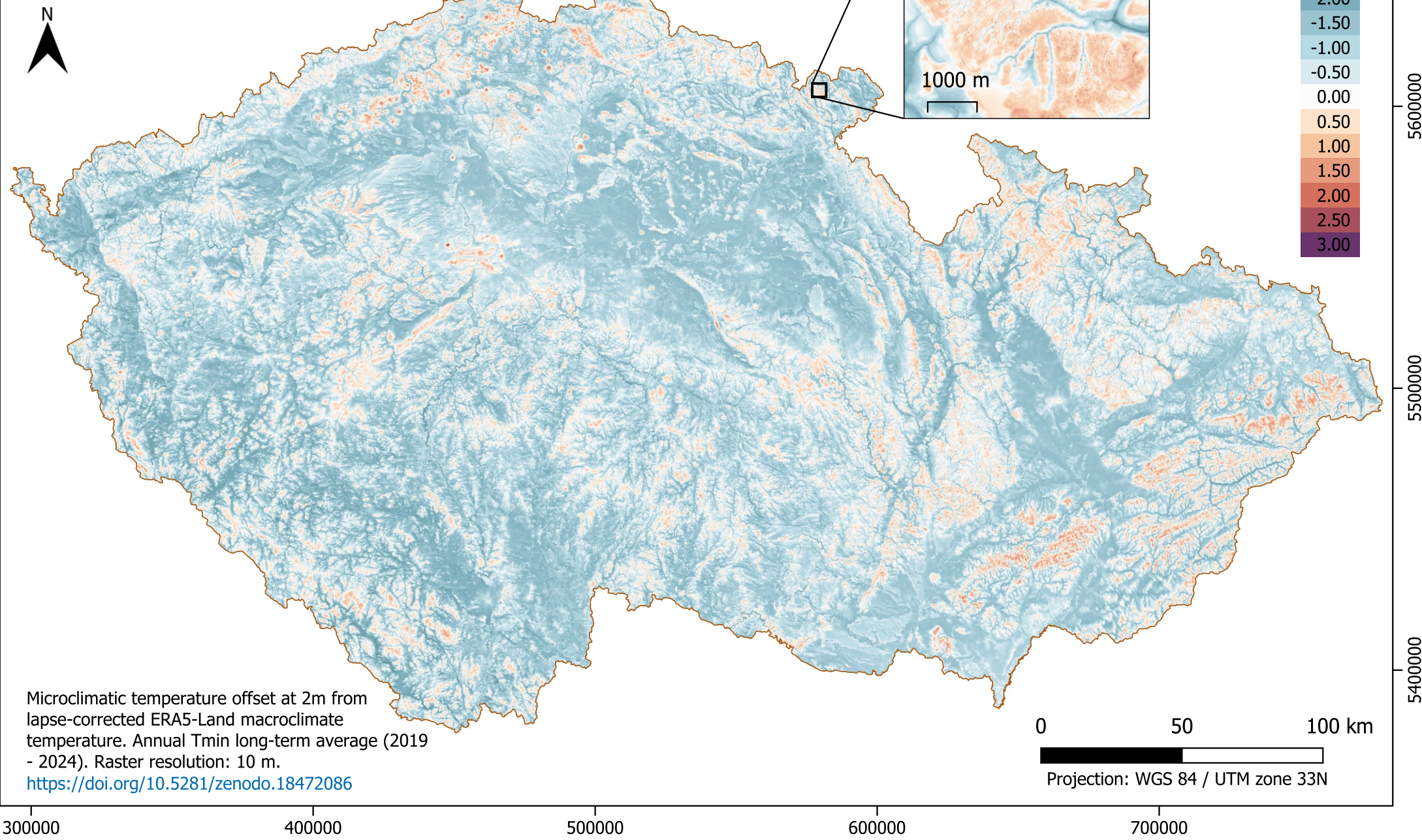


Figure S39