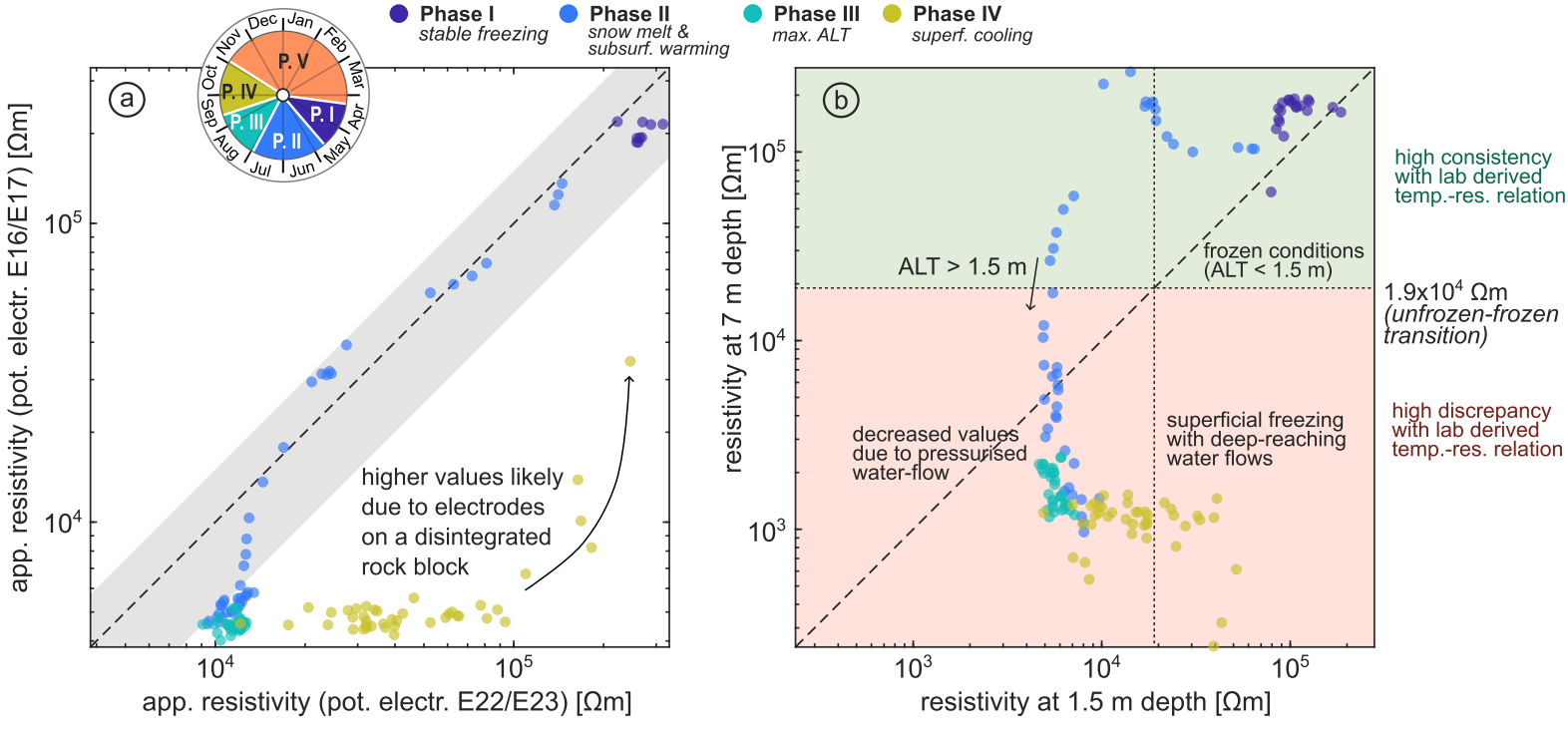
Phase I
stable freezing
Phase II
snow melt & subsurf. warming
Phase III
max. ALT
Phase IV
superf. cooling
a
P. V
P. IV
P. III
P. II
P. I
Dec
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
app. resistivity (pot. electr. E16/E17) [Ωm]
app. resistivity (pot. electr. E22/E23) [Ωm]
higher values likely due to electrodes on a disintegrated rock block
b
resistivity at 7 m depth [Ωm]
resistivity at 1.5 m depth [Ωm]
ALT > 1.5 m
frozen conditions (ALT < 1.5 m)
decreased values due to pressurised water-flow
superficial freezing with deep-reaching water flows
high consistency with lab derived temp.-res. relation
1.9x10⁴ Ωm (unfrozen-frozen transition)
high discrepancy with lab derived temp.-res. relation