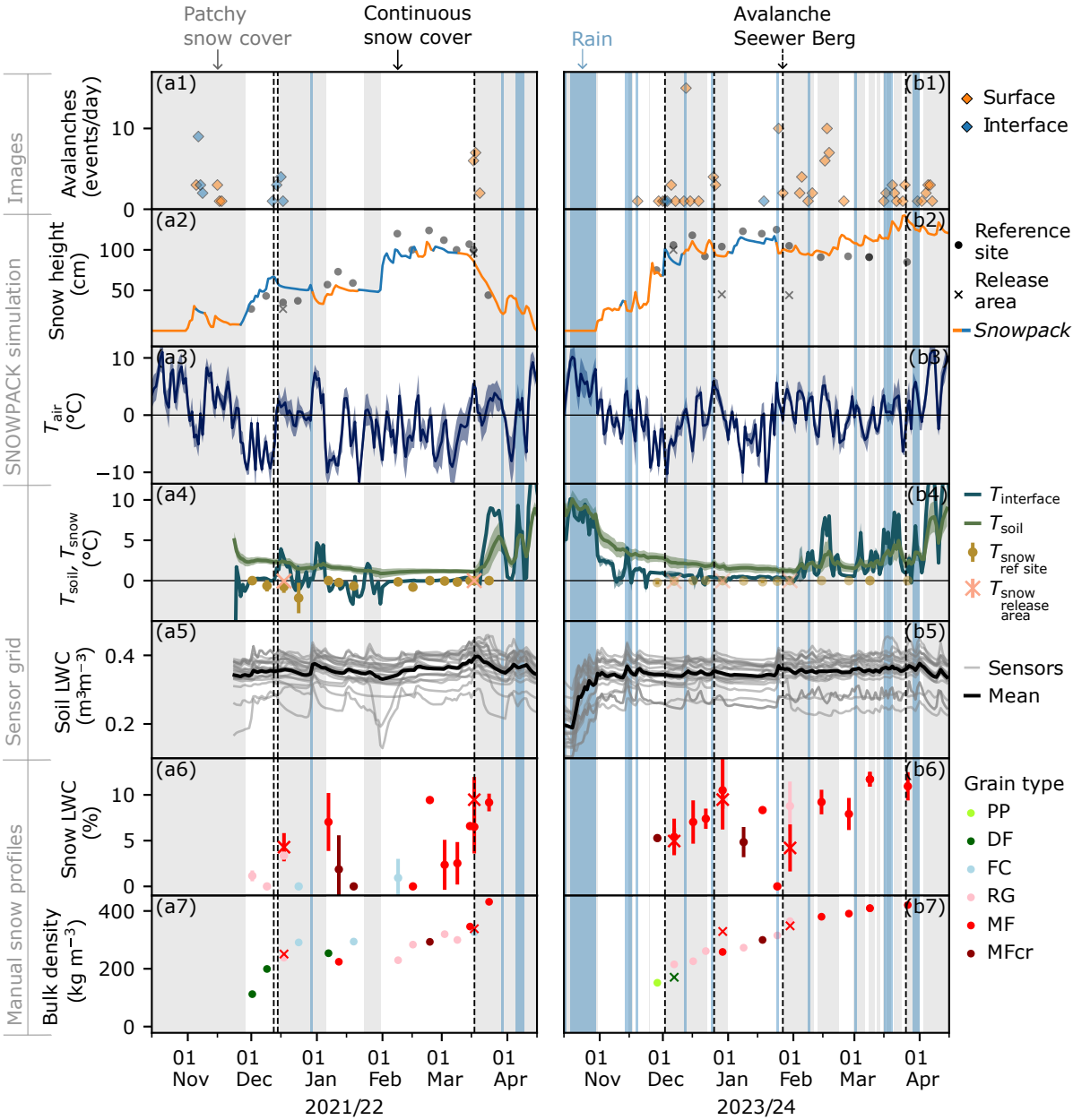
Patchy snow cover
Continuous snow cover
Rain
Avalanche Seewer Berg
Images
SNOWPACK simulation
Sensor grid
Manual snow profiles
(a1)
(b1)
Avalanches (events/day)
Surface
Interface
(a2)
(b2)
Snow height (cm)
Reference site
Release area
Snowpack
(a3)
(b3)
T_{air} (°C)
(a4)
(b4)
T_{soil}, T_{snow} (°C)
$T_{interface}$
T_{soil}
$T_{snow\ ref\ site}$
$T_{snow\ release\ area}$
(a5)
(b5)
Soil LWC (m³m⁻³)
Sensors
Mean
(a6)
(b6)
Snow LWC (%)
Grain type
PP
DF
FC
RG
MF
MFcr
(a7)
(b7)
Bulk density (kg m⁻³)
01 Nov
01 Dec
01 Jan
01 Feb
01 Mar
01 Apr
2021/22
2023/24