Pre-melt from scatterometers
Snowmelt from Ku band
Snowmelt from Ku and C band
Snowmelt from scatterometer and PMW observations

Dry snow
Metamorphic snow

Air
Snow
Ice

C band (5.6 GHz)
Ku band (13.4 GHz)
PMW (37 GHz)

Spring
Summer

Daytime
Nighttime

Diurnal variations