External drivers of melt formation

1. Meteorological Forcing
2. Regional Orography
3. Surface Conditions
4. Subsurface Characteristics

Global to Local Meteorological Forcing
Regional Orography
Surface Conditions
Subsurface Characteristics

Melt Feature Appearance

Latent Heat Release During Refreezing
Position of 0°C Isotherm
Positive Near-Surface Temperature
Snow Temperature: Cold Content
Dust & Debris Cover
Albedo
Cryonite
Seasonal Timing & Duration
Site Elevation
Slope & Aspect
Global to Local Meteorological Forcing
Solar Radiation Balance