



Symbol	Parameter
r_a	Aerodynamic resistance
$r_{sk,5}$	Conductive resistance of exposed snow
$r_{sk,7}$	Conductive resistance of forest snow
T_{sk}	Tiled Skin (radiative) temperature
K_s	Tiled surface downward shortwave radiation
L_s	Tiled surface downward longwave radiation
H_s	Tiled surface sensible heat flux
E_s	Tiled surface latent heat flux
R_s	Net (precipitation and evaporation) water flux at the surface
α_s	Albedo of exposed snow
α_{sf}	Albedo of forest snow
T_i	Temperature of snow layer i
ρ_i	Density of the snow layer i
S_i	Mass of frozen water of the snow layer i
W_i	Mass of liquid water of the snow layer i
d_i	Depth of i -layer of the snowpack
K_i	Shortwave radiation between the snow layers i and $i + 1$
G_i	Conductive heat flux between between the snow layers i and $i + 1$
R_i	Liquid water flux between the snow layers i and $i + 1$
G_B	Conductive heat flux at the snow-soil interface
K_B	Shortwave radiation at the snow-soil interface
R_B	Liquid water flux at the bottom of the snowpack
T_{so}	Temperature of uppermost soil layer
W_{so}	Liquid water of uppermost soil layer
d_{so}	Depth of uppermost soil layer
r_{so}	Conductive resistance between soil and snow

