

Abbreviation	Variable description
<i>A</i>	Pine shoot CO ₂ assimilation
<i>E</i>	Pine shoot H ₂ O transpiration
<i>n</i>	Needle growth
<i>s</i>	Shoot growth
age	Needle age
PAR	Daily maximum of photosynthetically active radiation
T_{mean}	Daily mean air temperature
T_{max}	Daily maximum air temperature
T_{min}	Daily minimum air temperature
T_{r}	Daily temperature range
T_{s}	Cumulative temperature sum
T_{soil}	Soil temperature
<i>S2</i>	Proxy for needle photosynthetic acclimation
snow	Snow depth
rain	Daily precipitation
rainy	Rain indicator
VWC	Soil volumetric water content