





























**input variables**

tol\_jump = 3  
tol\_out = 2  
frost\_thr = 1  
lowtemp = 5  
interpol = 210  
frag\_len = 2.1  
tz = GMT

**applied thresholds ( $\mu\text{m}$ )**

tol\_jump = -32.13 / 42.13  
tol\_out = -31.65 / 42.65  
tol\_jump\_frost = -32.13 / 42.13  
tol\_out\_frost = -31.65 / 42.65

**changes in data**

interpolated: 2.29%  
deleted: 3.95%  
missing: 0.59%

**growth statistics ( $\mu\text{m}$ ): median (min / max)**

month: 1213 (24 / 4685)  
week: 337 (1 / 1240)  
day: 88.5 (1 / 408)  
hour: 8 (0.5 / 41)