

The authors have appropriately addressed my previous comments, which has improved the manuscript significantly with enhanced clarity. I recommend accepting the manuscript for publication after the following minor corrections:

L313, Should be "9:29".

L319, The mean Δ LST should be calculated as the average of all values, including the melting ones (though close to zero). Thus, strictly speaking, the mean trend bias should be $1.72 \text{ K} / 38.5 \text{ yr} = 0.045 \text{ K yr}^{-1}$.