Dear editor and reviewers,

Thank you so much for approving of the changes we made in the revision. The remaining comment on the definition of minor SSWs was taken care of in this final verison of the manuscript. We use the reference suggested by the reviewer and clarify that the WMO definition is not based on the temperature gradient as previously indicated. Thank you very much for pointing this out.

Best regards on behalf of all co-authors,
Sabine Bischof