

*Second Review of A Novel Identification Method for Stratospheric Gravity Waves in Nadir Viewing Satellite Observations* by Peter Berthelemy et al. (2025)

I have carefully reviewed the revised version of the manuscript. The authors have done an excellent job in addressing all of my previous comments and concerns. The revisions are thorough, and the responses to the reviewers were clear, confident, and convincing. The text is now substantially improved in terms of clarity and presentation. All of my major and minor criticisms from the first review have been adequately resolved. The three different methods are now well explained, the results are presented clearly, and the discussion is appropriately framed in the context of the existing literature. I found no remaining issues that would prevent publication.

One tiny remaining comment:

Line 186: It should be “wavelengths” instead of “wavenumbers”.

**Recommendation:** I recommend the manuscript for acceptance in its current form.