

Reviewer's comments

Recommendation: Minor revision

Comments on egusphere-2026-1175 R1: “RHITA: a web tool for real-time detection of extreme weather events”

I thank the authors for their detailed responses and efforts to improve the manuscript. The revised version is clearer, and the additional references and new subsection on uncertainties have strengthened the paper. Most of my comments have been addressed satisfactorily. However, a few minor points remain:

1. **Page 4, lines 94–95:** Please correct the phrase “temperature and neutral wind components at 10 m.” Temperature is presumably provided at 2 m, whereas the wind components are provided at 10 m. I suggest: “temperature at 2 m and neutral wind components at 10 m.”
2. I understand and generally accept the rationale for not calculating precision and F1-score using EM-DAT, since events absent from this impact-oriented database cannot necessarily be considered meteorologically false positives. However, describing the reported validation metrics as a “lower bound on algorithmic skill” may be too strong. I suggest revising this statement to clarify that the reported sensitivity provides a partial evaluation against documented impact events, rather than a comprehensive assessment of meteorological detection skill.
3. The authors have expanded the discussion of parameter dependence but have not performed the suggested sensitivity analysis. A brief supplementary analysis showing how plausible variations in the quantile threshold affect event counts and the main trend results would increase confidence in the robustness of the findings. If this analysis is beyond the scope of the present revision, please state this limitation explicitly in the Discussion and clarify that robustness under alternative parameter configurations was not empirically evaluated in this study.