

The manuscript "Technical note: A new monitoring approach to measure water vapor isotopes in high altitude regions" was an interesting read. It describes the challenges of establishing a continuous water vapour isotope station in the Himalayan region, and the authors are commendably transparent about the setup and the problems encountered.

My main concern is the title, which implies a new monitoring approach, whereas the manuscript presents a new station built on an established approach. After this and the minor issues listed below are addressed, I recommend the manuscript for publication.

Title (Line 1–2): The setup follows established standardized practice, and I could not identify methodological novelty. Please consider using "a new monitoring station" instead of “new monitoring approach” or explicitly state what is new in the approach.

Line 22–24: Unclear phrasing. Please state the region directly (e.g., "the Himalayas") and why observations there are limited.

Sissu station: The abstract reports two stations, but only Manali is described. Is Sissu the same setup? How does it differ, and why is it not presented in text? Or am I missing?

Line 52–54: Please introduce D/H and $^{18}\text{O}/^{16}\text{O}$ (and $^{17}\text{O}/^{16}\text{O}$) and use a consistent notation (D vs ^2H) throughout.

Line 68–70: Unclear, especially "can be explained by combinations of...". Please clarify.

Line 83–84: The text states that continuous records are missing, then cites data from Singapore and the Himalayas. Do the authors mean that the data are sporadic or campaign-based? Please clarify.

Line 75–99: The two paragraphs convey largely the same message. Please merge them or clarify the distinct purpose of each.

Line 117–120: Please give distances to the rivers, glaciers, and nearest settlement.

Line 177–180: The precision for some is in percentage, while others are in their units. Please write all in physical units (e.g., temperature in $^{\circ}\text{C}$ or K, wind direction in degrees).

Line 236–237: Why do the oxygen-isotope slopes deviate strongly from 1, unlike hydrogen? Please discuss possible causes and whether such deviations are expected for this instrument.

Applications: The claimed benefit to hydrological studies is stated; however, it is not substantiated as to how this station might aid in that field. Please add concrete use cases with references.

Thank you!
Cheers,
Prajwal