

Reviewer comments for “Observing Low Altitude Features in Ozone Concentrations in a Shoreline Environment via Unmanned Aerial Systems”

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Recommendation: Major Revisions

General Comments

I appreciate the work by the authors towards addressing the reviewer comments in this updated manuscript draft, and overall I am more satisfied with the quality of this study. Most of my specific concerns about measurement quality were commented on in the updated draft, and the relevance of this paper within the literature is established much more clearly. After addressing a handful more comments I am willing to consider this paper for publication.

Major Comments

1. Figure 4: Thank you for updating the layout of this figure for clarity. As per my original comment, I additionally request the authors to update the color palette on this figure to something other than rainbow, as I find it difficult to read differences in adjacent points without a perceptually uniform palette. Depending on the programming language used to make this figure, I recommend a color map from the “cmocean” package (links for [MATLAB](#), [Python](#)).

Minor and Technical Comments

1. For a paper focusing on novel observations of O_3 , I would be in favor of moving the supplemental figures S1 and S2 into the main paper for easier reference, especially if they are referenced in the text anyways. Please consider moving them to Section 2.
2. P8, L210: Thank you for adding this text with discussion on the iMet-XQ2 performance. There is a double reference for Kimball et al. at the beginning of this line, please update.