

The authors addressed the comments from the reviewers in the last round of revisions adequately. I only have a few comments included below.

General Comments:

Section 4 Conclusions and Future Work: The authors discuss which terms in the surface energy budget change the most under the influence of atmospheric rivers along the ice edge and over the summer sea ice. While these statements fit the results shown in the manuscript, I suggest that the authors are clear that these are likely most important in summer. Both case studies shown in the manuscript are from summer, when shortwave fluxes are higher and conditions near the ice edge are different than in winter.

Specific Comments:

Figure 4a. It is difficult to see the box where the values in Figure 6 are taken from. Is the box along the sea ice edge?