Natural Hazards and Earth System Sciences
Discussions

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Reply on RC2

Matthew C. Perry et al.

Author comment on "Past and future trends in fire weather for the UK" by Matthew C. Perry et al., Nat. Hazards Earth Syst. Sci. Discuss., https://doi.org/10.5194/nhess-2021-143-AC2, 2021

Major comments

We would like to thank the reviewer for their positive overall comments. We agree that it would be beneficial to the readers of the paper to consider how other factors influencing wildfire risk may change in the future and to discuss further the policy implications of the results. We have expanded the Discussion section, adding a dedicated paragraph on the other socioeconomic and fuel drivers, including additional references to modelling studies that have been carried out on this, and a paragraph on policy implications of the results for adaptation and mitigation.

Minor comments

L224: Yes, the multiple-year mean of every month - this has been clarified in the text and in the caption of Figure 2.

L293-295: This has been deleted as suggested

L364: All 3 panels of Figure 10 show the multi-year percentage of summer days with FWI > 17.35. The number of years for panel (a) is 30 (1981-2010), while for panels (b) and (c) it is 11 years, as described in section 2.4. This approach is used for all of the results, and we think that it is clearly explained in the figure caption and methods section.