

Peer Review

Review of: "Solar Flare Spectroscopy at Pic du Midi Observatory (1956–1968) in the Frame of the International Geophysical Year"

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This paper describes historical instruments at Meudon and Pic du Midi. Records of old instruments tend to be lost, and this paper is valuable in preserving them.

I have some suggestions to improve the paper.

- The blue curves in Figure 1 are difficult to distinguish from the black curves.
- On page 9, the ocular of the H-alpha slitjaw system is mentioned, but it cannot be found in Figure 6. Can the TV camera be replaced with the ocular?
- It is difficult to understand the relation between Figures 13 and 14. There are only "CR" and "L" in Figure 13 for the slit-jaw imaging, but there are more instruments in Figure 14. Are some instruments in Figure 14 omitted in Figure 13? If so, where is "M2" in Figure 14 located in Figure 13? It appears that the labels for the optical elements in Figure 13 and those in Figure 14 are not consistent. This should be mentioned either in the main text or in the caption.
- Even if this paper is for the description of instruments and some of their observational results, it would be a good idea to describe how and where the data media (plates, films, etc.) are stored and whether they can be accessed in a digital form.
- On page 21, please add a reference for the "Hale-Nicholson grid".
- The English needs some improvement. As well as correcting grammatical errors, please look at the wording. For example, the word "chamber" seems to be "camera lens" or "camera mirror".

Declarations

Potential competing interests: No potential competing interests to declare.