

Interactive comment on “New analysis software for Viking Lander meteorological data” by O. Kempainen et al.

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1. 'Perhaps at p. 808 line 27 they could add a sentence asking for anyone who would know about the lost VL data tapes to report to them as soon as possible.'

This is an excellent suggestion, and will be incorporated in the article. It is clear that an article will have a much larger potential audience than we can contact directly ourselves or via our colleagues and other networks.

2. 'On p. 810 line 3 they might add ..the MIDDAY temperature ...'

The referee is correct in pointing out that it is not clear which measure of the temperature is described in the text. The description applies to both the midday and the daily mean temperatures. This will be clarified in the text.

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3. 'The title might specify "temperature data" instead of "meteorological" as the pressure data is not discussed and the wind data is not yet available through ULT, I understand.'

There has been some internal discussion among the authors about the title, and we believe it perhaps should be changed slightly. Our main concern is the semantics of the word "analysis", but the point raised by the referee is also worth considering. In the current stage, ULT does produce wind data as well as temperature data, but it is likely that the specific wind analysis routine needs updating and that is the reason we have not released wind data plots. However, the vast majority of the ULT is not affected by that, since wind analysis happens at a very late stage, and we believe that the status of the future wind routine correction should be a software update or a bug fix instead of a new program.

We would feel more comfortable using the word "meteorological" if the pressure data was a part of ULT. However, the official name for the original software on which ULT is built is Meteorology Analysis Program, and therefore we feel that using the word "meteorology" is appropriate.

Regardless, the authors will consider this comment carefully when thinking about a possible title change.

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