

Current status of data restoration of the seismometer onboard Viking Lander 2

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The Viking Lander 2 launched in 1975 carried a seismometer to the Mars. Even after 40 years later, the data obtained by the seismometer is only seismic data from the Mars. The data showed there was no evidence of seismic events on the Mars. The data had not been archived properly for a long time, and it was difficult to verify for other scientists. We had tried to perform the data restoration, and some figures in an old report could be restored. After applying the restoration to all data, the original data contained some fatal errors. Therefore, it is difficult to conduct scientific analysis using these data. The purpose of this study is to provide new dataset overcoming these errors.

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