

INTRODUCTION

BACKGROUND

METHODS

DATA

DISCUSSION

CONCLUSION

REFERENCES

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This section is an introduction to your project and science question.

This section includes background information about the specific features you are studying.

This section includes the step-by-step process detailing exactly what you did to collect your data so that other scientists can rely on and repeat your experiment.

This section includes the data (observations and measurements only) you collected from your THEMIS images.

This section includes a discussion of the meaning of your data as it relates to your science question.

This section is a summary and conclusion of your science project.

This section includes a list of all sources of information used to create your science report.

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What is your science question?

Why do you think your science question is important and interesting?

List all hypotheses you had of what the answer(s) might be to your science question.

List definitions, specific knowledge, and hypotheses from other scientists about your geologic feature(s) on Mars as it relates to your science question.

Show what your features look like on Mars in selected images, sketches, or pictures.

Show how your features are thought to form (the geologic process) on Mars in a sketch or image.

If the features you are studying are found on Earth, how are they thought to be formed?

What specific spacecraft and instrument did you use to collect your data?

What geographic region(s) or geologic feature(s) did you focus on during the process of collecting your data?

What website(s) did you use to gather your data and how did you use it (them)?

List the specific type of information (Image ID#, latitude, longitude, specific features, etc.) you planned to record from each image you observed, and why?

What measurements did you obtain, how and why?

How many THEMIS images did you collect?

Show good examples of the features you observed and/or measured from the data you collected.

Display the data you collected in tables, graphs, and/or maps.

Reshow and discuss the meaning from each table, graph, map, and/or selected images as they relate to your science question.

Discuss the potential errors with the data you collected.

Restate and answer your science question based on your interpretations from the discussion section.

Restate and support or refute any hypotheses based on your interpretations from the discussion section.

What future work could be done to expand on your research project?

Who can you acknowledge for helping you complete your science project?

List books, websites, people, and equipment you used for your research.