



SOHO Movie Theater

Summary

Short Description: This document explains how to utilize SOHO Movie Theater to create a video with images from the Sun in the filter and dates of your choice.

Language: English

Suitable for age: 8+

Key words: Analyzing Data, Sun observation, Filters

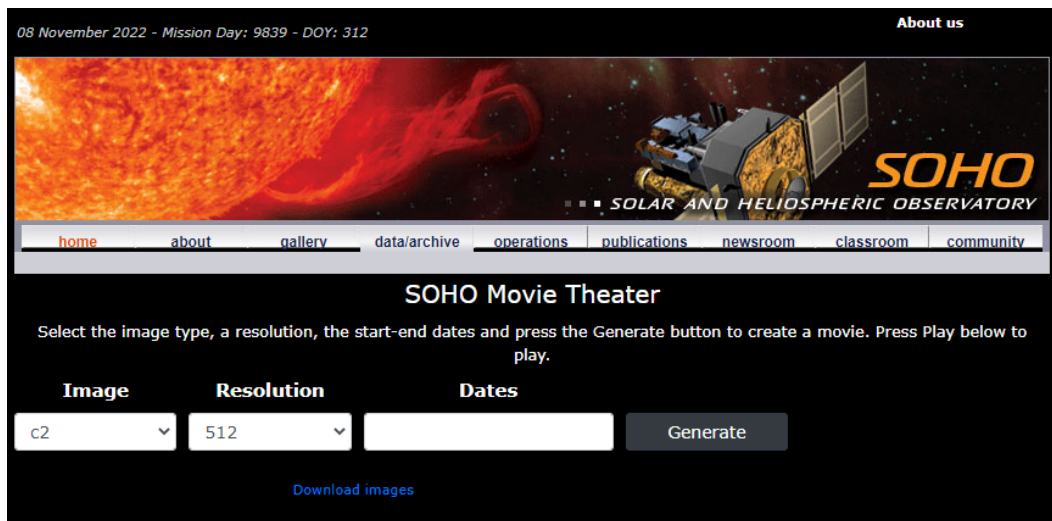
Format: .doc

Link: <https://soho.nascom.nasa.gov/data/Theater/>

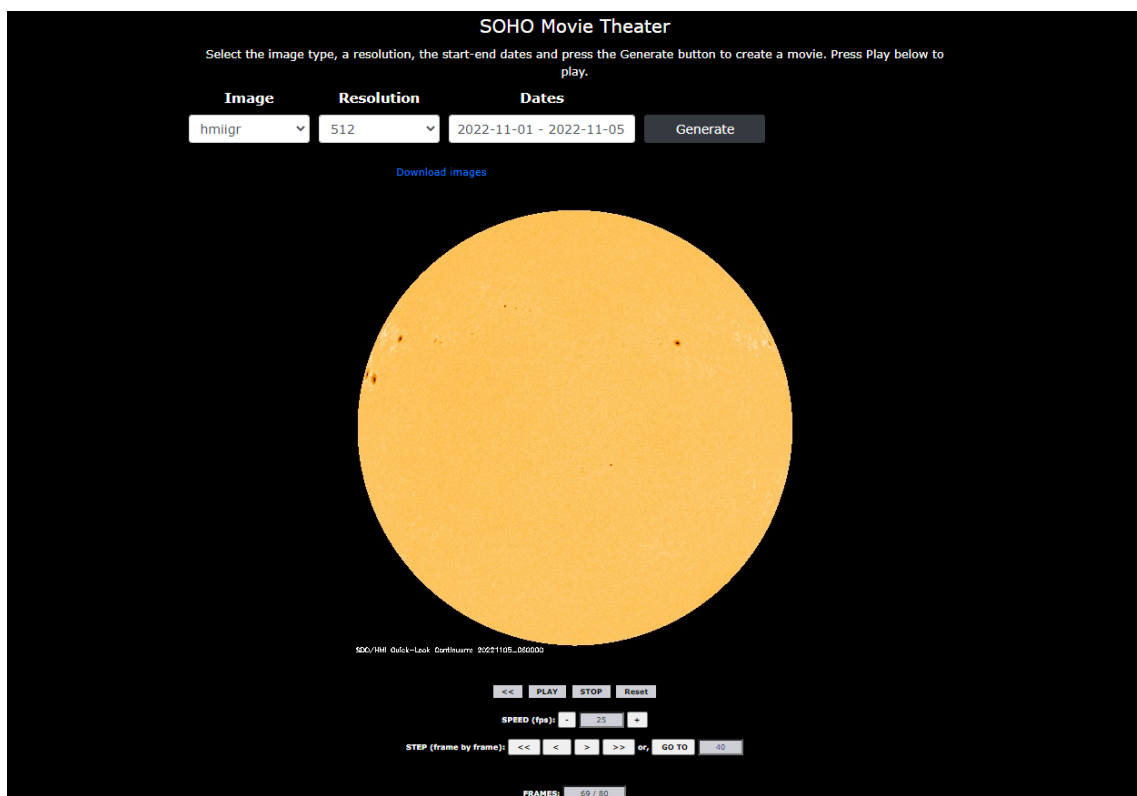


1. SOHO Movie Theater is a website that allows the use of images from the Solar and Heliospheric Observatory (SOHO) for the creation of animations.

<https://soho.nascom.nasa.gov/data/Theater/>



2. The user can select images to create an animation based on a few criteria. He/She can choose the filter that was used when the image was captured, the resolution of the images that will be combined for the creation of the animation and the dates that the images were captured.
3. In the following example you can see an example where the created animation was based on images that were taken with the “hmiigr” filter during the dates 11/01/22-11/05/22. There is a total of 80 frames (images) for this period of time in this filter and the user can play or stop the video whenever he/she wants. There is also the possibility of changing the speed of the video or moving the frames step-by-step.



4. The user can also download the images and use them in a different way or analyze them with a different software based on the purpose of the project.

