

Title: Meso 18-19 UAH Roundshot Camera Dataset

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1.0 Dataset Overview

The UAH roundshot camera dataset includes images for each IOP. The camera does not save images during the night. Therefore, there will be gaps in data between sunset and sunrise. The camera was not operational until IOP3. Therefore, data will include IOPs 3-9.

2.0 Instrument Description

The UAH roundshot camera is a high definition panoramic camera that is mounted atop the SWIRLL building on the UAH campus. It captures a 360 degree panoramic image every 1 minute.

3.0 Data Collection and Processing

Images are captured every 1 minute. No processing to the images have been completed.

4.0 Data Format

The images are saved as a jpeg image every 1 minute. The filename format is:
YYYY_MMDD_HHmmSS.jpg where:

YYYY -> Year
MM -> Month
DD -> Day
HH -> UTC Hour
mm -> UTC Minute
SS -> UTC Seconds
.jpg -> JPEG file type