

Title: VORTEX-SE 2017 UAH Roundshot Camera Dataset

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1.0 Dataset Overview

The UAH roundshot camera dataset includes images from each IOP for the full 24 hour day (i.e., IOP 1A was 25 March 2017. The dataset would include 25 March 0000Z to 25 March 2359Z).

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