ALLSKY CAMERA RECORDS UAP AT MESA
MADAR Confirms It – March 25, 2025

fran ridge

Allsky camera image

I. DESCRIPTION OF INCIDENT

March 25, 2025; Mesa, Arizona
MADAR site 207 is also Allsky camera-equipped. The camera is a ZWO ASI715MC with a 2.1mm focal length lens, with a 142.4 degree horizontal FOV, and a 80 degree vertical FOV, fixed iris (f/1.6). The software is the AllSky and the processor is a Raspberry Pi 4b 8gb. The software is set to take a 3 second exposure every 5 seconds (total of 8 seconds between shots). It starts taking photos when the sun is 15 degrees above the horizon at sunset and stops at the same level on sunrise. It then compiles all the photos taken into a timelapse at 1080p and 25fps. Currently the op logs in and downloads the timelapse then purges the directory, but he's working on setting up a local FTP to offload the images and timelapse at the end of every cycle.

On March 31st, he was going over footage from his Allsky camera and came across a frame that got his attention. In this particular frame he noticed an object on the right that was obviously a bird, but the identity of the two other objects on the upper left could not be determined. The Allsky camera takes pictures every eight seconds. The objects were not in the frames before or after the one in question. The images are time-dated so the time of the event was 03/26/2025 01:25.30 UTC.

Cropped enlargement

Mesa is on MST or Mountain Standard Time so the actual date of the sighting was 3/25/2025, and the CUT was 3/26/2025. There were two unidentifiable objects in that frame, two very-interesting objects. It may not be possible to gain much from an analysis of these targets, but an attempt will be made. The site operator noted that there was no code blue alert on his MADAR unit, meaning DAS alarm did not sound the usual one-minute plus alarm. But when he checked the MADAR unit's spreadsheet he noticed a spike in the EMF.

II. MADAR DATA

I ran a spreadsheet for the correct UTC of 2025-03-26, knowing that both the Allsky camera and MADAR were time-dated in UTC just like all our instruments. I took a yellow highlighter and highlighted the exact time of 01:25:30.145. The operator was correct. The highest number in column 5 which is the magnetometer reading was 10.88 miligaus. Even the compass had deviated four degrees, which is one degree more than necessary for MSV or multi-sensor verification. The accelerometer lessened 0.02 the minute before, which isn't much, but noticeable. That may not mean anything. Unfortunately site 207 was not yet geiger-equipped. That node was running with its shield or threshold set at 26, 14 points lower than most of our sites. Running at “status” the scan rate was once every minute. If the magnetometer reading would have reached or exceeded 26 it would have gone into alert mode, and the san rate would have ramped up to 60 times faster or one dataline per second, but that never happened. So it's understandable why the relay did not close, turning on the blue LED and triggering the alarm. But the data is inescapable.

https://www.nicap.org/match/Correlations/2025/20250325/DATA-20250325-207-mesa.pdf

III. STATUS OF INVESTIGATION

03/25/2025 - event occurred
03/31/2025 - email from site operator, Josh Rutledge, reporting
03/31/2025 - spreadsheet was run
03/31/2025 - image cropped and enlarged
04/24/2025 – analysis completed by Dave Thall

IV – ANALYSIS BY DAVE THALL

https://www.nicap.org/match/Correlations/2025/20250325/20250325-thall-analysis.pdf

V. FINAL ANALYSIS

We can assert that the unidentified object was not visible 8- seconds before or after the image in question. The analyst had only one image to study, but several other objects apparently showed up dring the analysis, one of which may have been a jet fighter. What we DO know is that two pieces of equipment, with timestamps in UTC, and data recorded every minute in the MADAR status mode (the same minute the Allsky cam recorded 7 frames) had anomalies. The image from the Allsky cam most likely is not any conventional object because nothing we know of would affect the magnetometer or the onboard compass.

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https://www.nicap.org/match/Annual-Project-Reports/