

Title: LEE WhatsApp Chat Archives

Author(s)

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1.0 Data Set Description

- This dataset is an archive of WhatsApp chat conversations and related media (photos, video) that took place primarily during IOPs, IOP planning, and instrument maintenance coordination among teams. They serve as informal, private field notes shared among the project participants.
- 1.0, 17 February 2023
- Final.
- Time coverage: 1 Nov 2023 – 17 Feb 2023.
- Data Frequency: continuous
- **Data set is password protected** due to the informal, real-time chat contents from field operations that were not intended for public dissemination. They are archived here for the convenience of PIs and other project participants.

2.0 Instrument Description

- Social Media text and voice platform; here primarily used for text chat, and sharing of video and images. Data were collected as project participants chose to share information with other team members.

3.0 Data Collection and Processing

- Chat messages were collected in real-time and exported from WhatsApp with photo and video media using the built in function for this purpose. No editing of the data was performed.
- Export of the data was in the central time zone, so time stamps are in US central standard time.

4.0 Data Format

- Data are stored in zip archives for each chat channel used during the project:
 - WhatsApp Chat - LEE Operations - 17 Feb 2023.zip
 - Main, all-hands chat channel.
 - WhatsApp Chat - IOP7+ Observations - 17 Feb 2023.zip
 - Channel for observations collected by student observers
 - WhatsApp Chat - LEE EFM ops IOP6+ - 17 Feb 2023.zip
 - Channel for discussion of balloon-borne electric field meter and PASIV field operations. These messages were in the main LEE Operations Channel prior to IOP6, when they were split off into this channel.
 - WhatsApp Chat - LMA sudden disassembly - 17 Feb 2023.zip

- A single-day channel used to coordinate an additional LMA disassembly team sent out at the last minute on the last IOP day.
- In each zip file is:
 - A text file, with each line being a chat message time stamped in US CST, followed by the name of the person sending the message, followed by the message itself.
 - [2/2/23, 13:05:37] Stephanie Weiss: Can you drop me the lat/Lon for just that one, Eric?
 - Accompanying photo and video media (JPEG, MP4 format).
 - File names are referred to in the text file where they appeared in the chat.
 - <attached: 00000057-PHOTO-2023-02-02-15-13-52.jpg>

5.0 Data Remarks

- No known data quality issues.
- Uses standard file formats available on all current computer operating systems.

6.0 References

- None

7.0 Appendix

- ATMOSPHERIC ELECTRICITY, UUID 0af72e0e-52a5-4695-9eaf-d6fbb7991039
- LIGHTNING, UUID f24c4f33-5b89-4e8d-8de7-296078a7f18a
- RADAR IMAGERY, UUID 53f69037-ff05-4b09-a95d-e65ff42da595
- LAKE EFFECT SNOW, UUID 12b7f57f-c295-4adf-97f5-43356f1270bf