

In-Cave Data Logger Project (DLP)

Sponsored by the
Central Connecticut Grotto

www.ctcavers.org
www.ctcavers.org/datalogger

This project is a work in progress, is frequently updated, and done entirely by unpaid volunteers. For more information, updates, and other documents, please contact info@ctcavers.org and put "CCG Data Logger" in the subject line. If you don't get a reply within a week, please call 860-621-2080.

CCG DLP Logger Deployment Worksheet

Contents:

- Logger Deployment Worksheet

Logger Deployment Worksheet

Covering: preparation, placement, retrieval, data retrieval

Note: For all "time", also record the date.

Use actual local time, don't adjust for summer/winter time or universal time.

Logger Preparation

- Name of cave:
- Location in cave:
- Coded name (often used if data is posted to a public internet site):
- Make and model of logger:
- Serial Number of logger:
- Battery voltage:
- Approx time logging was enabled or launched (this is usually when it is connected to the computer):
- City and State the logger time was set in:
- If cave is not in same time zone as the prep work, note this:
- Person who did the preparation:

Prior to Placement in the Cave

Note: Cause a logger event (such as a button-down) and note the time. This is used to verify that the logger time matches real time.

- Event and Time:
- Event and Time:

Placement in the Cave

Note: Two times are recorded. Between the first and second times, those placing the logger should show up in the logger data.

- Placement time (this is the time it logger was placed in the cave):
- True data start time (this is time just after those placing it are out of sensor range for that visit):
- Person who placed the logger:
- Where are photos and other details of the location:

Notable events while in the Cave

Record any events that may be useful to correlate with the data. This could be visitation logs from the cave managers, known visits by cave managers, known visits by individuals and groups.

Retrieval from the Cave

Note: Two times are recorded. Between the first and the second times, those removing the logger should show up in the logger data.

- True data end time (this is time just before those retrieving it get into sensor range):
- Removal time (this is the time it logger was removed from the placement position in the cave, not necessarily the time it actually left the cave):
- Person who retrieved the logger:
- Where are photos and other details of the location:

Downloading the data

Prior to downloading the data, cause a logger event (such as a button-down) and note the time. This is used to verify that the logger time matches real time.

- Event and Time:
- Event and Time:
- Battery voltage:
- Approx time logging was stopped (this is usually when the data was downloaded):
- If cave is not in same time zone as this downloading, note this:
- Was there a summer/winter time change while the logger was in the cave? If so, describe:
- Person who downloaded the data: