

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 User Interface

Contents:

- [Logger User Interface](#)

Sample of User Interface (the part of the program that the user operates the program from). The typical user sees this as the “Data Logger application”.

Developers Comment: The user interface is developed to the point of a rough draft. There is currently no code behind the form.

1 Select or Change Logger Source File

Source Data File in CSV format

Open Data File for editing [here the user removes unneeded header rows and superfluous data]

2 Fill in this information. Some will appear in the reports. It is not used in the calculations

Location (name of cave)

Location Details

Entrance Area

Sensor (what is being sensed - light, sound, etc)

Light on and off state

Logger Product (logger manuf and model)

U9-002 - HOBO U9 Light On-Off Data Logger

Logger Serial Num

Logger Version Num 1.0.1

GMT Offset At Launch -4 Hr 0 Min

Battery At Launch 2.93v

Battery At Download

Installed By

Retrieved By Norm B.

Coded Name C3

3 Fill in this information. It will be used for the calculations and the resulting data in reports

Time Format AM PM time 24 hour time

Adjust for Daylight Savings Time by adding 1 hour to all times starting on [] and ending on []

First DateTime to include in the calc, if blank, then start of file

3/22/2008

Last DateTime to include in the calc, if blank, then end of file

6/27/2008

Minimum Off Time. This is the length of time in seconds (from zero, inclusive) that sensor off is ignored (typ 59).

59

Minimum On Time. This is the length of time in seconds (from zero, inclusive) that sensor on is ignored (typ 1).

1

First date to show in graph, this may be a date earlier than then data dates

3/22/2008

Last date to show in graph, this may be a date later than then data dates

6/27/2008

Analyze Data Show Report